PERIODICAL DEPARTMENT

SAN FRANCISCO HISTORY ROOM

X

SAN FRANCISCO PUBLIC LIBRARY

VITA SINE LITERIS MORS EST

BOOK NO. f690.5 P11 18

ACCESSION 402535

NOT TO BE TAKEN FROM THE LIBRARY

Form 37 10M 11-35

PERIODICAL DEPARTMENT

Digitized by the Internet Archive
in 2010 with funding from
San Francisco Public Library

http://www.archive.org/details/pacificconstruct1835asso

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$1,214,000 Available For Forest Highways

San Francisco Bay Crossing Progress Chart

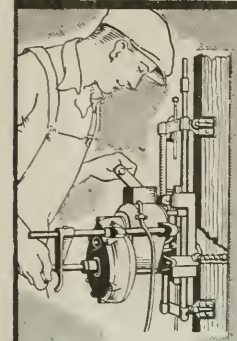
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

JANUARY 5, 1935

Vol. XVIII—No. 1

WAPPAT Electric TOOLS



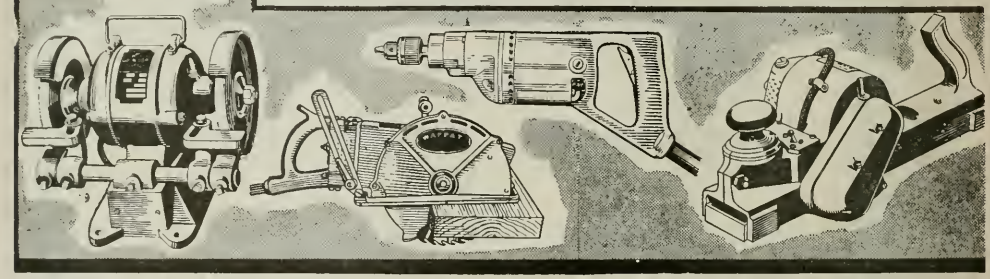
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

402535 P1118

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JANUARY 5, 1935 No. 1

State Highway Commission Advertises Eight Projects; Bids Open This Month

SACRAMENTO, Dec. 31.—The State Highway Commission today called for bids on eight contracts for highway construction and improvement. The bids will be opened in Sacramento and Los Angeles within the next month.

The projects are located as follows:

Lake County: Grading, surfacing with untreated gravel and applying seal coat, about two and one-half miles between Manila Ranch and one mile east of Upper Lake. Bids open in Sacramento January 23.

Madera County: Grading about three and seven-tenths miles between Coarse Gold and Hawkins School. Bids open in Sacramento January 23.

Madera County: Grading and paving with asphalt concrete about one and one-half miles in the city of Madera. Bids open in Sacramento January 30.

Shasta County: Grading and paving about nine-tenths of a mile at the north entrance to the city of Redding. Bids open in Sacramento January 30.

Los Angeles Co.: Paving with asphalt concrete and Portland cement concrete about eight-tenths of a mile between California Avenue and Colorado Avenue. Bids open in Los Angeles January 24.

Ventura County: Grading and paving with asphalt concrete about three and six-tenths miles between Sea Cliff and Benham. Bids open in Los Angeles January 24.

Riverside County: Grading, paving portions with Portland cement concrete, and surfacing portions with oil, about sixteen and eight-tenths miles between Whitewater and one mile east of Beaumont. Bids open in Los Angeles January 31.

Los Angeles County: Grading and paving with either asphalt concrete or Portland cement concrete about three and seven-tenths miles between State Street and los Angeles Street. Bids open in Los Angeles January 31.

McCARTHY LOW ON SEBASTOPOL P. O.

WASHINGTON, D. C., Jan. 2.—Robert McCarthy, 1363 Fourteenth Avenue, San Francisco, submitted low bid to the Treasury Department today for construction of the U. S. Post Office at Sebastopol. Amount of the low bid was $33,930. Second and third low bids, respectively, were submitted by K. E. Parker Co., San Francisco, at $35,468, and A. Nelson, San Francisco, at $35,500. Plans for the post office, which is to be a one-story structure, were prepared in the office of the Treasury Department supervising architect.

Louis Erb Named District Inspector Of License Bureau

Louis F. Erb has been appointed San Francisco district supervisor for the State Contractors License Bureau by State Registrar Carlos Huntington. Mr. Erb has been with the license bureau for the past two years in the San Francisco office. He has been acting as assistant code coordinator for the bureau since construction codes became effective.

Mr. Erb succeeds Orman Lutz as district supervisor.

Other changes in the bureau personnel in the bay district include appointment of Andrew Burke, 563 Haight St., and Clarence H. Moore, 46 Pilgrim Ave., as San Francisco inspectors, Jack Walker, 985 Pearl St., Alameda, as Oakland inspector, Albert G. Kelly, 786 Bird Ave., San Jose, as inspector.

S. F. BUILDING AT RECORD LOW IN PAST YEAR

Total of $7,328,372 Smallest For Depression Period

Nineteen thirty-four ended with a record low in building permit totals for the city of San Francisco. The year's volume dropped below the previous depression-year low reached in 1932 by approximately two and one-half million dollars, according to records kept by the Department of Public Works.

The moderate increase in volume shown for the calendar year of 1933 failed to continue during 1934, the annual tabulation indicates. The figures for the three years follow:

	No.	Value
1932	5256	$ 9,822,680
1933	4839	11,175,645
1934	4677	7,328,372

The totals have been adjusted to eliminate permits recorded for the Golden Gate and San Francisco Bay bridge construction which would distort the facts as to actual building.

During 1934 the number of permits issued for new construction was 395, compared with 795 in 1933. The number of permits for alterations was 4279 compared with 4,042. The value of alterations in 1934 was $2,466,029 and in 1933 was $1,987,516.

Figures for the last month of the year present a favorable comparison with those of December, 1933. Alteration work exceeded that of the corresponding month a year ago both in number of jobs and in value. Frame buildings for which permits were granted are valued at $123,885, compared with $45,780 in December, 1933. A slight increase is shown in both classifications over November.

The total work let in December is less than that of the same month a year ago due to large permits for public work, however.

CITY RECEIVES PROPOSALS ON LAWTON SCHOOL

Anderson & Ringrose Low at $142,715; Close Bidding Featured

Anderson and Ringrose, at $142,715, Friday submitted low bid to the San Francisco Department of Public Works on the general contract for the construction of the Lawton School, to be located on Thirtieth Avenue near Lawton St. Cost of the work previously had been estimated at approximately $220,000.

Low bid for mechanical equipment and plumbing was submitted by Alta Electric and Mechanical Company at $17,671. H. S. Tittle was low bidder for electrical work with a figure of $9,402.

The contract calls for a two-story and basement building to contain fifteen classrooms, auditorium, kindergarten and library, and include tar and gravel roof, steam heating system, concrete frame, concrete walls and floors, wooden studs and metal lath.

Plans for the building were prepared by Architects Dodge A. Riedy and Chas. E. J. Rogers. Hyman Rosenthal is structural engineer and Robert L. St. John mechanical engineer for the project.

Total bids submitted on the general contract were as follows:

Anderson and Ringrose	$142,715
O. Monson	143,448
William Spivock	143,746
MacDonald & Kahn	145,800
K. E. Parker Co.	145,940
Frank J. Reilly	152,731
C. L. Wold	153,799
James L. McLaughlin	155,385
Leo Epp	167,296

Bureau Suspends Licenses of Ten State Contractors

Licenses of ten contractors were suspended and one was revoked during December, State Registrar Carlos Huntington reports. The bureau disposed of 36 cases and received 28 new complaints for adjudication.

Evidence introduced in hearings conducted in connection with the applications of three persons, whose names had been previously flagged, resulted in the petitioners being unable to satisfy the Registrar as to their character and business integrity. Consequently, their applications were denied. In the informal complaint section, settlements were effected through arbitration in 38 cases. Court action was pending during the month against 23 persons found operating illegally as contractors, and trials were held in ten cases with convictions obtained in nine such cases, while one was dismissed and 13 cases were pending in the lower courts at the close of the month.

Bids Jan. 24 on $1,500,000 Jetty Repair Contract

Bids for the reconstruction and repair of the outer 4700-foot link of the Columbia river south jetty will be opened in the offices of the United States district engineer in Portland January 24.

The entire job is expected to require the expenditure of approximately $1,500,000 ,the amount asked by the war department for this work.

Specifications will require that contractors bid upon the entire job, with the understanding that $600,000 is available immediately and that the remainder of the contract price will be made available by the time the first $600,000 is used.

The project requires that the present outer portion of the jetty shall be raised approximately 26 feet from its present level, which is now even with low water.

The original jetty was about 140 feet wide at the low-water mark, but the force of ocean waves has spread the top out so the present low-water level is now 200 ft. wide.

Upon this flat top will be built two standard-gauge railroad trestles to carry rock trains, from which boulders will be rolled to the depth of 26 feet. About 700,000 tons of rock will be needed for the job, which will require 100,000 tons more than was used for the $1,155,000 repair job on the center portion of the jetty, completed last month.

ARMY ADOPTS RULE FOR BID DRAWINGS

Pending the printing of changes in Army Regulations 5-160, Sept. 16, 1933, paragraph 9c of those regulations, as changed by section II, Cir. No. 19, War Department 1934, have been further changed by adding subparagraphs (6) (7) and (8) as follows:

(6) When award is made by lot and the information available shows that the product of a particular manufacturer is offered by more than one bidder, a preliminary drawing by lot will be made to ascertain which of the bids will represent that manufacturer in the final drawings to determine the award.

(7) As a result of the preliminary drawing, the field of the bidders for the final drawing is narrowed to one bidder only on the product of each manufacturer. This bidder may be the manufacturer himself or one of the other bidders offering his product, depending upon the results of the preliminary drawing.

(8) In the final drawing there will be included with the names of the bidders drawn in the preliminary drawing the names of any other bidders whose product is offered only by the one bidder.

FIRST OREGON COAST BRIDGE OPENS IN 1935

Progress Reported On Five Highway Spans Financed By PWA

Eight per cent of the funds allotted for the five new bridges on the Oregon Coast highway have been received, Chairman Leslie M. Scott of the state highway commission, has revealed.

Total expenditure on all bridges to date is $417,281. For the five structures $5,208,825 has been appropriated.

The Alsea bay bridge at Waldport will probably be completed by the end of 1935, the first to be finished. Work on this is now 30 per cent completed with an expenditure of $210,663 thus far. Total cost of the finished structure will be $685-040.

Next farthest advanced is the Yaquina bay bridge at Newport, which is five per cent complete and on which costs to date are $63,953. It will cost about $1,357,597 complete.

An aggregate of $20,158 has been spent on the Siuslaw bridge at Florence, which is four per cent completed. Appropriation for this structure is $491,646, exclusive of engineering and contingencies.

The bridge across the Umpqua at Gardiner and Reedsport is 11 per cent complete at a cost of $58-751. Ultimate expenditure is set at $551,234.

The greatest appropriation for any bridge — $2,123,318 — has been made for the long Coos bay structure. This bridge is three per cent finished and expenditures amount to $60,507.

The completion date for the Yaquina bay bridge is Aug. 28, 1936; Siuslaw, February 27, 1936; Umpqua, February 27, 1936; Coos bay, Sept. 20, 1936.

PLEDGE $442,000 IN PENINSULA DRIVE

Four hundred seventy pledges, entailing $442,000 in home modernization, have been made in the San Mateo-Burlingame better housing campaign, Field Director W. O. Reinecke announced.

The drive total neared the half million dollar mark by reason of last week's 69 pledges in the amount of $126,982, Reinecke said.

Pledge totals for the campaign to date are: Burlingame, 290 pledges, $229,651; San Mateo, 169 pledges, $186,604; Millbrae, 12 pledges, $26-450. Of the amount pledged more than $95,000 is already completed or underway, Reinecke stated.

New orders for stationary steel boilers during the first 11 months of 1934 totaled 4,517, as compared with 3,610 during the corresponding period last year, according to reports submitted to the Bureau of the Census by 68 identical manufacturers.

Roads Bureau to Contract $1,214,000 In Federal Projects Before June 30

San Francisco district of the U. S. Bureau of Public Roads has a balance of $1,214,672 for construction of highways in national forests and parks to be placed under contract during the first six months of 1935. This money has been allocated to projects in California and Arizona. All funds for construction in Nevada for the current fiscal year have been contracted.

Construction programmed for the first six months of the new year includes six projects in California national forests located in the counties of Mono, San Diego, Los Angeles, Humboldt, Siskiyou and Modoc. The work is to be let under six contracts, the sum appropriated for all projects being $555,000.

Two contracts are to be let in Yosemite Park, one for applying armor coat on Wawona road and the other for construction of Sentinel bridge. There is available $136,862 for these improvements. In Sequoia Park the bureau will cotract the surfacing of a section of the Generals Highway for which $94,335 is appropriated.

Three forest highway jobs are to be let in Arizona, totaling $131,000. An allotment of $147,000 has been made for surfacing 14 miles of the Cameron - Desert View approach road in Grand Canyon Park, and $150,475 is appropriated for three improvements in Petrfied Forest National Monument.

During the calendar year of 1934 the San Francisco office of the Bureau awarded 48 contracts, totaling $4,322,918 for construction in California, Arizona and Nevada. Twenty-eight of these have been completed. Work is in progress or will be resumed as soon as weather permits on the others. Of those still incomplete, 14 are in California, 5 in Arizona and one n Nevada.

The year's expenditures were distributed as follows:

Forest Highways: Arizona, $360,-487; California, $1,709,426; Nevada, $297,909; Total $2,367,823.

Federal Lands: Arizona, $402,473, California, $68,113; Nevada, $177,-522; Total, $648,110

National Parks: Arizona, $506,785 California, $800,199; Total, $1,306,-985.

Following is the work programmed for the first six months of 1935:

Forest Projects

California

1. $125,000 for grading approximately eight miles Mammoth Lake Highway, Mono County.
2. $125,000 for grading approximately seven miles Laguna Highway, San Diego County.
3. $150,000 for grading Section of Swartout Highway, Los Angeles or San Bernardino County.
4. $40,000 for base course surfacing of entire Hoopa Highway, nine miles, Humboldt County.

*5. $40,000 for armor coat surfacing McCloud Section, 12.5 miles, Mount Shasta-Mt. Lassen Highway, Siskiyou County.

*6. $75 000 for armor coat surfacing of 11 miles of Lava Beds Highway and 17 miles of Howard Gulch Highway, Modoc County.

*Projects already advertised.

Nevada

None.

Arizona

1. $55,000 for grading 4.5 miles of Globe-Showlow Highway, Navajo Co.
2. $41,000 for grading three miles of Payson-Colcord Mountain Highway, Gila County.
3. $35,000 for subgrade reinforcement of seven miles of Pine-Winslow Highway, Gila and Coconino Counties.

Park Projects

Yosemite

1. $79,440 for armor coat on Wawona Road, 28 miles, Mariposa Co.
2. $57,422 for Sentinel Bridge, Mariposa County.

Sequoia

1. $94,335 for surfacing on Generals Highway, Tulare County.

Grand Canyon

1. $147,000 for surfacing 14 miles of Cameron-Desert View Approach Road, Coconino County.

Petrified Forest National Monument

1. $58,475 for grading and subgrade reinforcement of Painted Desert Rim Road, four miles, Apache County.
2. $16,000 for surfacing Painted Desera Rim Road, four miles, Apache County.
3. $76,000 for surfacing North and South Road and portion of U. S. Route 260 within Monument.

BUILDING INDUSTRY EMPLOYMENT DROPS

Employment in the private building construction industry declined 2.2 percent from October to November, according to figures compiled by the U. S. Bureau of Labor Statistics. The report is prepared from information furnished by 10,-010 contractors employing 78,354 workers.

"This decline is not as pronounced as those that have occurred in November during the past three years," the Bureau comments. The figures do not include employes on construction projects financed from public works funds.

START SEBASTOPOL CAMPAIGN JAN. 10

January 10 has been set as the date for the beginning of the Sebastopol Better Housing campaign, according to an announcement by Clyde Hogsett, chairman. For ten days following the start of the campaign SERA workers will canvass the city, signing up property owners for repairs and alterations under the provision of the National Housing Act, according to plans formulated at an organization meeting held at the Sebastopol chamber of commerce last week.

ALLOT FUNDS FOR U. S. AID ROADS IN '35

California to Receive $4,756,-959; Will Lose One-third by Diversion

Apportionment of the 1935-1936 Federal-aid highway fund of $125,-000,000 has been announced by Secretary of Agriculture Wallace. The money will be available to state highway departments after July 1, 1935.

Under provisions of the Hayden-Cartwright act the states must match the federal appropriation. States also must refrain from diversion of gasoline tax funds from highway construction appropriations or lose one-third of the federal allocation.

Western states have been allotted the amounts following:

Arizona	$1,781,347
California	4,756,959
Idaho	1,531,162
Montana	2,560,449
Nevada	1,595,501
New Mexico	1,999,299
Oregon	2,044,633
Utah	1,410,752
Washington	1,949,957
Wyoming	1,559,444

The largest apportionment to one state goes to Texas, $7,777,504; New York receives, $6,150,106; Pennsylvania, $5,318,062; Illinois, $5,-160,696.

In San Francisco

A welcoming room...an enterprising chef...a Union Square location (and that says volumes if you know your San Francisco) ...These are among the Plaza features that will brighten the days of your visit here + +

RATES: $2 to $4

RAY MAXWELL, Manager

HOTEL PLAZA

POST STREET AT STOCKTON

SAN FRANCISCO

FHA ADVISORY GROUP STUDIES LOAN PROBLEMS

See Need For Legislation By States to Facilitate Housing Program

Legislation by the states is necessaryy to place chartered lending institutions on an equal basis with national banks in making mortgage loans under the terms of the National Housing Act, it was pointed out in a conference of the recently appointed Housing Advisory Council of the Federal Housing Administration. The problem of this need of legislation, suggested in a recent letter from President Roosevelt to the governors of the various states, has been taken under consideration by a sub-committee and will be reported upon when the council meets again in January.

In the original discussion of the problem it was pointed out that national banks may loan up to the eighty percent of appraised value on property which the Federal Housing Administration will insure. In practically all of the states savings banks and other lending institutions operating under state laws cannot loan in excess of sixty per cent of appraised value and rarely in excess of fifty percent.

New York already has amended its laws, and the Administration expects little difficulty in getting like action in other states.

As set up, the several committees will report to the council, whose recommendations for action will be presented to Administrator James A. Moffett.

Chairmen of the committees named are:

Executive — Sullivan W. Jones, chairman of the National Construction Planning and Adjustment Board, Washington.

Public Relations — Franklin D'Olier, vice-president, the Prudential Insurance Company of America, Newark.

Planning — Frederick Ackerman, technical director, New York City. housing authority.

Finance—Robt. V. Fleming, president, the Riggs National Bank, Washington.

Construction—Geo. W. Walbridge vice-president, Walbridge, Aldinger Company, Detroit.

Materials and Manufacturers—R. J. Hamilton, president, American Radiator Company, New York.

Architects—S. F. Voorhees, Voorhees and Walker, New York.

Real Estate—Hugh Potter, president, National Association of Real Estate Boards, Houston.

Low Priced Plumbing Fixtures & Heating Units—Robert J. Barrett, executive director, plumbing contracting division of the Construction Industry, divisional code authority, Washington.

Major Units of San Francisco-Oakland Bay Crossing to be Completed This Year

Sixteen and a half million dollars were expended in construction on the San Francisco - Oakland Bay Bridge during 1934, according to the annual report of Chief Engineer C. H. Purcell. With the total of $6,000,000 expended in the first six months after construction started in 1933 the total to date is $22,500,000 or about one-third the estimated cost of the structure complete with interurban rail system.

In 1935 the construction schedule calls for completion of work on Yerba Buena Island, including finishing the vehicular tunnel and the viaduct on the east side. The eastbay superstructure is to be completed, excepting for 576 feet of the 1400-foot cantilever. Cable spinning for the two suspension spans on the west bay sector will be started April 1 and will be completed during the year.

Eastbay and San Francisco automobile approaches are to be at least fifty percent completed in the coming year.

Contracts to be let will include approach structures in the eastbay, construction of the interurban railway and San Francisco terminal and installation of the electrical lighting system.

The two tables following summarize the work done to date and the construction schedule for the new year.

PROGRESS OF CONSTRUCTION—S. F.-OAKLAND BAY CROSSING

	July 9, to Dec. 31 1933	Jan. 1 to Dec. 31 1934
Money spent in construction	$6,000,000	$16,500,000
Concrete placed	110,000 cu. yds.	440,000 cu. yds.
S. F. cable anchorage (concrete)	25% completed	50% completed
Anchorage steel	50% fabricated	All fabricated and 86% erected
Steel—West Bay towers	Fabrication of two towers started	Fabrication complete
Cable wire	25% drawn	84% drawn 66% completed 65% delivered
East Bay steel superstructure	.....	60% fabricated 52% delivered 25% erected
Peak of men at work	2100	5953
Piers	1 complete and 12 under construction	49 completed
Yerba Buena Island tunnel	Approach excavations completed	Three pilot tunnels bored full length and outer walls raised to full height. Concrete wall lining started.
Yerba Buena anchorage	Excavation completed	Concrete complete ready for erection of steel cable bents
West Bay tower erection	.....	Towers W-2, W-3 and W-6 erected. Tower W-5 25% erected
Concrete center anchorage	Caisson anchored	Under water work complete and superstructure raised to 207 ft. above water
East Bay substructure	Six piers started	All piers (43) complete
Erection—East Bay superstructure	.....	Thirteen 288-ft. spans and six towers erected
Yerba Buena Island superstructure	.....	One span erected

SCHEDULE OF CONSTRUCTION—1935

S. F. automobile approach ramps	To be 65% completed
West Bay suspension bridge	Catwalk to be started March 1; Cable spinning to be started April 1; Suspended structure, San Francisco to center anchorage, 50% placed; Cable spinning completed for twin suspension bridges during 1935
Vehicular tunnel through island	To be completed
Viaduct over east side of island	To be completed
East Bay superstructure	To be completed except for 576 ft. of suspended span at center of 1400-ft. cantilever span
East Bay approaches	To be 50% completed
Contracts to be let in 1935	East Bay automobile distribution structure ramps and viaducts; Cypress Street approach; San Pablo Avenue crossing and approach; Interurban Railway system construction; Administration Bldg. and Toll Plaza; Bridge lighting

LUMBER CODE AGENCY MAPS NEW POLICY

Dropping Price Control Will Permit Attention to Other Problems

With the issue of price control eliminated, the Lumber Code Authority will be in a position to give a greater share of its attention to enforcement of other features of the industry code, Major David T. Mason, executive officer, points out. The National Industrial Recovery Board ordered suspension of all minimum price schedules under the lumber code as of December 22.

Following this action Major Mason issued the following statement:

"Prices are out of the Lumber Code but that does not mean that the Lumber Code is washed up. Today the National Industrial Recovery Board ordered the suspension of minimum prices under the Lumber Code, effective immediately, but in the same order emphasized reliance on producton control as a stabilizing factor, and in addition provided for the study of costs and prices, with the object of taking steps to deal with destructice price cutting if and to the extent that the practice develops in the industry.

"Our Code as originally approved by the President substantially shortened hours and greatly increased wages in our industries. To protect working capital in order to be able to pay the increased wages and to meet other increased expense due to shortened hours and the conservation features under our Code, the President authorized two measures of prime importance. These measures were production control, to balance supply with demand, to prevent destructive over-production, and price control at levels below full cost but sufficient to return out of pocket expense. Unfortunately failure to include the wholesalers under the Code, failure to promptly prosecute code violators in the early stages of code operation, and later conflicting decisions in the lower Federal courts, led to serious impairment of the price structure in some Divisions.

"Testimony at a public hearing in Washington on December 11, 12 and 13 showed a serious breakdown of prices in a few of the more important Divisions. While the maintenance of price control was advocated for most of the Divisions at this public hearing, the NRA Board on the basis of the evidence presented has by today's order determined that it is impracticable to maintain prices in some of the major divisions and that if prices are not maintained in these divisions, it is not practicable to maintain them in the other divisions of the industry. Therefore, the order eliminates prices in all divisions of the industry but indicates that production control must bear the brunt of stabilizing the industry. The order also provides for investigation of costs and prices with the object of observing destructive price cutting, if it develops, and of taking steps to prevent it in case it does develop.

"The action of the Board eliminating prices is regarded as clearing up an impossible situation in some divisions and at the same time it brings a bitter disappointment to other divisions. While this action undoubtedly will create serious disturbance in the industry as a whole, every effort will be made by the leaders of the industry to minimize the difficulties and to restore order as promptly as practicable. NRA has already taken steps, for all codes, designed to bring vigorous prosecution of hour and wage violations; at the same time we expect vigorous support from NRA in maintaining production control.

"The Industry is in rough water but it will weather the storm."

Completion of U. S.-Canal Zone Highway Feasible, Says Bureau of Public Roads

A highway more than 3,200 miles long, connecting the southern boundary of the United States with the Panama Canal Zone and traversing Mexico and Central America, is pictured in engineering and economic terms in an official government report just issued under the title, "The Proposed Inter-American Highway."

The report, prepared by the Bureau of Public Roads, U. S. Department of Agriculture and published as Senate Document No. 224, 73rd Congress, covers all phases of this important project, which is the first long highway definitely planned to pass through several independent countries.

The termini of the Inter-American highway are Nuevo Laredo in Mexico, just across the Rio Grande from Laredo, Texas, and Panama City, Republic of Panama. Between them, the completed road will stretch about 3,250 miles, amid the contrasts of thriving cities and tranquil native villages, of volcanic peaks and tropical jungles. While the report describes the highway as "proposed", it is in fact already well on the way to realization, for of its total length approximately 40 percent is now open to year-round traffic and an additonal 27 per cent is good or fair in dry weather. To establish connections between the sections of road already built and to modernize existing highway where necessary, is the task confronting the five Central American Republics, Panama, and Mexico.

The principal sections of the route now open are in Panama, where the motorist can cover with ease in dry weather the 340 miles between Panama City and Concepcion, only a few miles from the Costa Rican border; and in Honduras, El Salvador and Guatemala, where in dry weather a continuous route is open to passenger cars, trucks and busses. In Mexico, the last section of an all-weather road about 760 miles long bet. Nuevo Laredo and Mexico City is now being completed.

The Bureau of Public Roads report is based upon a careful reconnaissance survey in Central America, during which the American engineers, with the assistance of officials of the countries traversed, covered hundreds of miles of territory. Extensive aerial photography helped the engineers select the most practicable route. That a through highway between the United States and Panama is "entirely feasible from an engineering point of view," is the conclusion of the engineers.

Estimates of cost to complete the road through Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica and Panama are made on three types of construction: (1) 18-foot surface of local materials, approximately $30,000,000; (2) same surface, but with oil treatment, $38,000,000; (3) 20-foot cement concrete surface, $101,000,000. The completion of the Mexican section to the Guatemala border would add 80 per cent, 67 per cent, and 58 per cent, respectively, to these estimates, assuming the sections already improved in Mexico would be used without change in type.

The proposed route will touch every capital from Mexico City to Panama save one — Tegucigalpa, Honduras—which will be reached by a spur line. Of the estimated 6,000,000 population of the Central American Republics and Panama, 54 per cent is in provinces traversed by the route and 28 per cent in contiguous provinces. The line follows rightly the Continental Divide at elevations usually ranging from 1,500 to 4,000 feet.

The report asserts that this highway "would probably do more to create cordial relations and brisk exchange, not only between the peoples of Central America and Mexico and the United States, but also among the Central American and Mexican inhabitants themselves than all the diplomacy and 'good will' visits that could ever be devised."

The report on "The Proposed Inter-American Highway" is in quarto size, 162 pages of text, containing economic and technical prefaces and sections descriptive of the countries traversed, a wealth of statistical data, and many plan and profile maps and illustrations. It may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 70 cents a copy.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
677	Warden	Wagner	5000
678	Matulich	Hammer	1320
679	Casper	Owner	2500
680	Doelger	Irving	3500
681	Neustadter	Woodcraft	3000
682	Irving	Irving	3500
683	Christensen	Christensen	3000
684	Hampton	Early	1000
685	Hobbs	Owner	1000
1	Klassen	Isaac	1000
2	Johnson	Owner	3000
3	Fanfelle	Hanson	2000
4	Lindsay	Owner	3000
5	Moss	Mullen	1750
6	Pacific	Owner	1700
7	Pacific	Dinwiddie	1200
8	Wunner	Owner	4500
9	Gurd	Nommensen	12000
10	Johnson	Owner	3000

ALTERATIONS
(677) NO. 667 MISSION ST. Alter lofts.
Owner—Florence A. and Elizabeth M. Warden.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $5000

REPAIRS
(678) NO. 8 GLORIA COURT. Repair fire damage to dwelling.
Ownel—Cornelia Matulich, Premises.
Architect—Not Given.
Contractor — Charles Hammer, 1524 Floribunda Ave., Burlingame. $1320

ALTERATIONS
(679) NO. 352-364 SIXTH ST. Alter offices and storage building.
Owner—S. A. Casper, 405 Montgomery St., San Francisco.
Architect—Not Given. $2500

DWELLING
(680) E FORTY-FIFTH AVE 250 N Kirkham St. One-story and basement frame dwelling.
Owner—John Doelger, 1491 39th Ave., San Francisco.
Architect—Not Given.
Contractor—Irving Bldg. Co., 1401 39th Ave., San Francisco. $3500

ALTERATIONS
(681).SE HOWARD AND MOSS STS Alter offices and storeroom.
Owner—B. Neustadter, Prem.
Architect — Albert R. Williams, 251 Post St., San Francisco.
Engineer—W. Adrian.
Contractor—The Woodcraft Mfg. Co., 45 Hallam St., S. F. $3000

DWELLING
(682) E FORTY-FIFTH AVE. 275 N Kirkham St. One-story and basement frame dwelling.
Owner—Irving Bldg. Co., 1491 39th Ave., San Francisco
Architect—Not Given.
Contractor—Irving Bldg. Co., 1491 39th Ave., San Francisco. $3500

DWELLING
(683) W 18th AVE. 25 S Vicente; 1-story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Avenue.
Architect — C. O. Clausen, 796 46th Avenue.
Contractor—Herman Christensen, 1423 27th Avenue. $3000

REPAIRS
(684) NO. 59 SCOTT ST. Repair fire damage to flats.
Owner—J. Hampton, % Contractor.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

SHED
(685) NO. 2350 JERROLD ST. Frame shed.
Owner—Hobbs Wall & Co., Prem.
Architect—Not Given. 1000

DWELLING
(1) SW WILDE 300 SE Delta. One-story and basement frame dwelling.
Owner—J. Klassen, % Contractor.
Architect—Not Given.
Contractor—H. H. Isaac, 517 Belvedere St., S. F. $1000

DWELLING
(2) E EIGHTEENTH AVE 75 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(3) NO. 2215 GREENWICH STREET Alter laundry.
Owner—Gabries Fanfelle, 3301 Fillmore St., San Francisco.
Architect—Not Given.
Contractor—Hanson Bros., 5840 Mission St., San Francisco. $2000

DWELLING
(4) W ALEMANY 112 S Tingley St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(5) NO. 1023 MARKET ST. Alter store.
Owner—Moss Stores, Inc., 833 Market St., San Francisco.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $1750

ALTERATIONS
(6) MICHIGAN AND TWENTY-Second Sts. Alter meter testing building.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Not Given. $1700

ALTERATIONS
(7) NO. 140 NEW MONTGOMERY St. Alter office.
Owner—Pacific Tel. & Tel. Co., Prem.
Architect—Not Given.
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., S. F. $1200

DWELLING
(8) S CHESTNUT ST. 126 W Scott. One-story and basement frame dwelling.
Owner—Carl Wunner, % Architect.
Architect—Geo. Wiemeyer, 605 Market St., San Francisco. $4500

ALTERATIONS
(9) NO. 168 O'FARRELL ST. Alter night club.
Owner—George & Alice Gurd, Almaden Ave., San Jose.
Architect—Frederick W. Quandt, 2800 Filbert St., San Francisco.
Contractor—E. Nommensen, 315 S-17th St., San Jose. $12,000

DWELLING
(10) E EIGHTEENTH AVE 100 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
502	Woerner	Rose	1000
503	Walker	Owner	5000
504	Steel	Christensen	1000
505	La Barbera	Owner	1000
507	Dooley	Owner	4000
506	Meyer	Orr	2000
508	Carpenters	Chasmar	2700
1	Bruning	McKinney	1900
2	Lapham	Lapham	6200
3	Jackson	Sigge	4500
4	Salvation	Lindgren	1000

REPAIRS
(502) NO. 420 PERKINS ST., **OAKLAND.** Fire repairs.
Owner—L. E. Woerner, Prem.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

DWELLING
(503) NO. 460 CRAGMONT AVENUE, **BERKELEY.** Three-story 7-room frame dwelling.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $5000

ALTERATIONS
(504) NO. 2124 CENTER ST., **BERKELEY.** Alterations.
Owner—Marshall Steele, Premises.
Architect—Not Given.
Contractor — H. J. Christensen, 1955 Webster St., Berkeley. $1000

STORE
(505) 2788 TELEGRAPH AVE.; one-story store.
Owner and Contractor—J. La Barbera Moss Ave. and Telegraph Avenue, Oakland.
Architect—Not Given. $1000

STORE
(506) NO. 9340 E-FOURTEENTH ST. **OAKLAND.** One-story store.
Owner—Adeheld Meyer, Premises.
Architect—Not Given.
Contractor — Orr & Risdon, 10035 E-14th St., Oakland. $2000

DWELLING
(507) NO. 5001 PROCTOR AVENUE. **OAKLAND.** One-story six-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4000

REPAIRS
(508) NO. 1201 FRUITVALE AVE., **OAKLAND.** Fire repairs.
Owner—Carpenters Hall Assn., Prem.
Architect—Not Given.
Contractor—C. E. Chasmar, 4257 Suter St., Oakland. $2700

ALTERATIONS
(1) NO. 2124-26 HOPKINS STREET, **OAKLAND.** Alterations.
Owner—H. F. Bruning, San Francisco
Architect—Not Given.
Contractor — McKinney & Johnson, 5829 Marshall St., Oakland. $1900

DWELLING
(2) NO. 836 LONGRIDGE ROAD, **OAKLAND.** Two-story 7-room dwelling and garage.

Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland. $6200

DWELLING
(3) E SCARBOROUGH DRIVE 500 N Chelton Drive, OAKLAND. Two-story 5-room dwelling.
Owner—Helen W. Jackson, 6001 Chelton Drive, Oakland.
Architect—Not Given.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland. $4500

ALTERATIONS
(4) NO. 634 FIFTEENTH ST., OAKLAND. Alterations.
Owner—Salvation Army, Prem.
Architect—D. D. Stone, Power Bldg., Oakland.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
115	Caswell		
116	Ford	Jensen	1105
1	Pacific	Dinwiddie	1683

BUILDING
(115) NE HAWTHORNE and Harrison Sts.; work for four-story reinforced concrete Class B bldg.
Owner—George W. Caswell Co., 2nd and Harrison Streets.
Architects—Masten, Hurd & Roeth, 233 Post Street.
Engineer—Walter Huber, 1 Montgomery Street.
Contractors—
(1) Alta Roofing Co. $1,374
(2) Higgins & Kraus 4,257
(3) W. P. Fuller & Co. 1,199
(4) James H. Pinkerton Co. 4,671
(5) Star Orna. Iron Works 2,418
(6) Automatic Fire Prot. Co. 7,425
(7) A. Knowles 5,315
(8) Fire Prot. Prod. Co. 1,780
Filed Dec. 27, '34. Dated, Dec. 20, '34.
First of each month 75%
Usual 35 days 25%
TOTAL COST, $.....
Bond, $..... Sureties, Pacific Indemnity Co., Associated Indemnity Co., Continental Casualty Co., Fidelity & Deposit Co. of Maryland. Plans and Spec. filed.

ADDITION
(116) SE 16th AVE. and Clement St.; addition to apartment bldg.
Owner—Wm. H. Ford.
Architect—Wm. Clement Ambrose, 244 Kearny Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market Street.
Filed, Dec. 28, '34. Dated, Dec. 27, '34.
Completion of concrete work 50%
All work completed 25%
Usual 35 days after 25%
TOTAL COST, $1,105.00
Plans and Specifications filed.

(1) NO. 140 NEW MONTGOMERY St. Installing partitions, painting and general alterations to 21st floor of telephone building.
Owner—Pacific Tel. & Tel. Co., Prem.
Architect—Not Given.
Contractor—Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco.
Filed Dec. 31, '34. Dated Dec. 21, '34.
Upon completion 75%
40 days after completion 25%
TOTAL COST, $1683
Bond, $1683. Surety, Pacific Indemnity Co. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

ALTERATIONS
(65) NO. 1102 EUCLID AVE., Berkeley. All work for alterations to building.
Owner—Morris Givens, Premises.
Architect—Not Given.
Contractor—W. W. Osborne, 1094 Euclid Ave., Berkeley.
Filed Dec. 27, '34. Dated Sept. 17, '34.
TOTAL COST, $——
Bond, $807.75. Surety, Eagle Indemnity Co. Limit, 60 days. Forfeit, plans and specifications, none.

SAN FRANCISCO UNDER $1000

ALTER store, $800; 1667 Revere St.; owner, New Method Laundry, 1667 Revere; contractor, L. Pastorini, 1438 Van Dyke St.
ALTER apartments, $750; SE 16th Ave. & Clement St.; owner, Wm. Ford, 703 Market St.; contractor, G. P. W. Jensen & Sons, Inc., 320 Market St.
ALTER market, $250; 5157 Mission St. owner, Mrs. Boicelli, 906 Geneva Ave.; contractor, R. P. Davis, 961 Geneva Ave.
STORE, one-story frame, $250; W Bay St. 90 N Faith; owner, Cosgrove and Brandt, 2827 Mission St.
SIGN, electric, $275; 715 Howard St.; owner, Anchor Hotel and Tavern, Prem.; contractor, Laib, 7th and Folsom Sts.
ALTER flats, $300; 1308 Leavenworth St.; owner, H. A. Patterson, 1344 Jackson St.
ALTER restaurant, $99; 135 4th St.; owner, W. P. Carroll, 771 Waller.
ALTER dwelling, $325; 304 Winfield; owner, Mrs. A. Sheele, Premises; contractor, Ernest Watson, 476 27th St.
ALTER dwelling, $125; 124 Presidio Ave.; owner, Mr. Hunt, Premises; contractor, John J. Furness, 854 47th Ave.
SIGN, electric, $200; 326 O'Farrell St.; owner, Balfour Hotel, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
OFFICE, one-story frame, $350; E 6th 150 S Berry St.; owner, John Cassaretto, 6th and Berry Sts.; architect, Hertzka & Knowles, 982 Bryant St.
ALTER store and lofts, $100; 585-587 Howard St.; owner, Thomas Crellin Estate Co., 587 Howard St.; contractor, J. N. J. Firebrick Co., 1184 Harrison St.
POLE, barber, $15; 428 Sutter St.; owner, A. Nicola, 775 Pine St.
ALTER restaurant, $150; 458 Davis St.; owner, G. R. Markovich, 458 Davis St.; contractor, Amiot & Borhm, 329 Commercial St.
WIND break, $28; 1865 Clay St.; owner, Martha W. Fleischman, 1865 Clay Street.
SIGN, cloth, $52; 1041 Market Street; owner, Weinstein Co., Prem.; contractor, L. Goldberg, 1085 Golden Gate Ave.
SIGN, electric, $150; 946 Bush Street; owner, Western Auto Service Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER store & flats, $400; NW 25th and Folsom Sts.; owner, Peter Kurz, 3210 25th St.
SIGN, electric, $50; 25th and Potrero; owner, Associated Oil Co.; contractor, Electric Prod. Corp., 255 Golden Gate Ave.
REPAIR fire damage to flats, $850; 2846 California Street; owner, Mr. Bois, % 1734 Broderick St.; contractor, L. Salomon, 1734 Broderick St.
SIGN, electric, $450; 1200 Van Ness; owner, J. W. McAllister, Inc., 1200 Van Ness; contractor, Elec. Prod. Corp., 255 Golden Gate.
SIGN, electric, $165; 241 California; owner, Lucian's Restaurant, 241 California St.; contractor, American Electric Sign Co., 1740 Eddy.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $50, 2948 Carmel St., Oakland, owner, C. H. Roble, 2948 Carmel St
REPAIRS, $36; 5039 Proctor Avenue, Oakland; owner, R. A. Christiansen, 5039 Proctor Ave.; contractor, W. A. Netherby, 3853 Lyman Rd.
ALTERATIONS, $160, 3430 Soter St., Oakland; owner, B. Latapie, 1101 Newcomb Ave., San Francisco.
RE-ROOF, $45; 3507 Market Street, Oakland; owner, M. Fiser, 2910 Grove St.
FIRE repairs, $350; 3993 Oakmore Rd. Oakland; owner, Alex C. Wieben, 870 Longridge Road.
ADDITION, $300; 3614 Foothill Blvd., Oakland; owner, W. J. Bamman, Premises.
SIGN, metal, $32; 554 Williams Street, Oakland; owner, Cahill Comforter Shop, Prem.; contractor, Acme Sign Co., 597 19th St
SIGNS, (2) wood, $20 each; 650 12th St., Oakland; owner, Golden State Co., Ltd., 5307 Telegraph Ave.
SIGN, electric, $85; 539 8th Street, Oakland; owner, Rosemount Buffet, Prem.; contractor, Imp Elec. Sign Co., 2228 Myrtle St.
ADDITION, $108; 2044 Austin Street, Oakland; owner, E. P. Anderson, 2045 Rutherford St.
REPAIRS, roof, $175; 1629 Telegraph Ave., Oakland; owner, Miss G. Sullivan, Prem. contractor, Crown Roofing Co., 2609 E-14th St.
FIRE repair, $800; 3934 Elston Ave., Oakland; owner, H. Carmichael, 3934 Elston Ave.; contractor, A. K. Schmidt, 3936 Elston Ave.
ALTERATIONS, $850; 1920 Broadway, Oakland; owner, Realty Bond Re-Organization, 311 Ray Bldg.
REPAIRS, $15; 37 Linda Ave., Oakland; owner, Mrs. Kearney, 37 Linda Ave.; contractor, York & Goard, 2429 E-23rd St.
REPAIRS, $20; 2515 Monticello Ave., Oakland; owner, E. T. Miles, 2515 Monticello Ave.
ALTERATIONS, $100; 3129 Pleitner Ave., Oakland; owner, Hiashi Akiyoshi, Prem.; contractor, Folke Wallin, 2150 50th Ave.
FIRE repairs, $826; 1519 Clay Street, Oakland; owner, Hibernia Bank, San Francisco; contractor, F. A. Muller, 805 Syndicate Bldg.
SIGN, electric, $75; 2592 Grove St., Oakland; owner, Tings Cafe, 2592 Grove St.; contractor, Radiant Neon Display, 2561 San Pablo Ave.
SIGN, cloth, $8; 416 Santa Clara Ave., Oakland; owner, Mr. Grant, Prem. contractor, R. Canzuck, 3 6 0 8 Kingsley St.
ROFF signs (2), $10 each; NW Sycamore and West Sts., Oakland; owner, Mileage Gasoline Co., 308 Builders Exchange Bldg.
SIGN, metal, $25; 4278 Piedmont Ave., Oakland; owner, Cliff Gates, 4278 Piedmont Ave.; owner, C. E. Rishell, 2709 Humboldt Ave.
ALTERATIONS, $500; 1565 Beverly Place, Berkeley; owner, E. Meyers Prem.; contractor, L. T. Brewer, 1830 San Pedro Ave.
Oakland; owner, Anheuser Busch Co., Prem.; contractor, Mulvany Sign Co., 575 8th St.
SIGN, metal, $15; 5839 E-14th Street, Oakland; owner, Gilmore Oil Co., 365 17th St.
SIGN, metal, $150; 3001 E-14th Street, Oakland; owner, Bill Wood Motor Co., 3001 E-14th St.
ADDITION, $200; 2716 Coolidge Ave., Oakland; owner, Milda M. DuChaney, 2716 Coolidge Ave.
ROOF repairs, $43; 2285 86th Avenue, Oakland; owner, C. A. Lutz, 2285 86th Ave.; contractor, Elliott & Elliott, 1429 66th Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
ADDITION Cont. Price, $1105
SAN FRANCISCO. Sixteenth Avenue and Clement Street.
Addition to apartments (add storeroom and laundry.
Owren—William Ford.
Architect—W. Clement Ambrose, 244 Kearny Street.
Contractor—G. P. W. Jensen, 320 Market Street.

3— CHURCHES

Contracts Awarded.
CHURCH Cont. Price, $23,387
WOODLAND, Yolo Co., Calif. Main and Cleveland Streets.
One-story brick church building (Sunday School) to replace one recently destroyed by fire.
Owner—St. John Evangelical Church (Rev. Carl Saenger, Pastor).
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Contractor—J. Witzelberger, Woodland.
Painting—Wilcoxon & Wilson, Sacramento, at $2185.
Heating — J. Barth, Woodland, at $1152.85

Bids Opened.
CHURCH Cost, $10,000
EAST OAKLAND, Alameda Co., Cal.
One - story wood frame church bldg. (rustic exterior) seating capacity of 300; asbestos shingle roof.
Owner—Havenscourt Tabernacle.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—J. R. Armstrong, 1131 Fleet Road, Oakland.
Complete bids follow:
J. R. Armstrong, Oakland $10,967
H. S. Chain, Hayward 10,990
J. E. Branagh, Oakland 11,100
Albert Haskell, Oakland 11,293
A. Holyoake, Hayward 11,500
C. H. Lawrence, Oakland 12,170
E. T. Leiter & Son, Oakland 12,637
B. A. Howkins, San Francisco 12,985
Webb & Whalen, Oakland 13,900
Bids held under advisement.

4— FACTORIES & WAREHOUSES

Bids Being Taken.
DAIRY Cost, $7500
SAN FRANCISCO. NW Rickard St. and San Bruno Avenue.
One-story Class C dairy.
Owner — P. Labrucherie, 766 Silver Ave., San Francisco.
Plans by Robert A. Hansen, % Owner

The owner is receiving bids on steel construction, plumbing and electrical work.

PRELIMINARY PLANS PREPARED
LOS ANGELES, Cal.—Architect A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, have prepared preliminary plans for a group of buildings, consisting of hangars, shops, offices and a depot, to be erected at Los Angeles Municipal Airport, Inglewood, for T.W.A. Air Lines. The hangar and shop buildings will have reinforced concrete exterior walls, steel roof trusses automatic sprinkler system and automatic doors. Cost estimated at $363,580.

Additional Contracts Awarded.
FACTORY AND OFFICES
Contract Price, $87,473
SAN FRANCISCO. NE Harrison and Hawthorne Streets.
Four-story reinf. concrete factory and office buiding (composition roof, reinforcing steel, pumbing, heating, etc.)
Owner—Geo. Caswell, 442 Second St.
Architect—Masten & Hurd, 233 Post.
Contractor—Cahill Bros., 206 Sansome Street.
Roofing & Flashing—Alta Roofing Co., 976 Indiana St., $1,374.
Heating—Jas. H. Pinkerton, 927 Howard St., $4,671.
Plumbing—Higgins & Kraus, 741 Tehama Street, $4,257.
Glass—W. P. Fuller & Co., 301 Mission Street, $1,119.
Ornamental Iron — Star Ornamental Iron Works, 1271 Folsom Street, $2,418.
Sprinkler System — Automatic Fire Protection Co., 519 California St., $7,425.
Plastering—A. Knowles, 982 Bryant St. $5,315.
Sheet Metal—Fire Protection Products Co., 369 Pine St., $1,780.

Planned.
CANNERY Cost, $200,000
WALLA WALLA, Washington.
First unit of cannery (processing unit).
Owner—Libby McNeill & Libby, 3500 SE 32nd St., Portland, Oregon.
Plans by Engineering Dept. of Owner. G. B. Kile, Pacific Northwest Manager for owners.

Planned.
BINS Cost, $——
VALLEJO, Solano Co., Cal.
Construct new bins to replace ones recently destroyed by fire.
Owner—Sperry Mill, Vallejo.
Architect—Not Given.

To Be Done By Day's Work.
REPAIR CANNERY Cost, $2000
PALO ALTO, Santa Clara Co., Cal. 290 Portage Street.
Repairs to cannery.
Owner—Sutter Packing Co., Prem.
Architect—Not Given,

Bids Opened.
WAREHOUSES Cost, $80,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Three 1-story brick warehouses (100 by 160 feet each) (to be known as warehouses B, J and K), composition roof, concrete floors).
Owner—City of Stockton (Port Dist.) City Hall, Stockton.
Plans by Engineering Dept. of Stockton Port District.
Low Bidder—C. H. Dodd, 1738 West Rose St., Stockton.
Complete bids follow:
C. H. Dodd, Stockton $74,597
George Maurer, Oakland 76,723
John Hachman, Stockton 77,000
Fredrickson and Watson, Oakland 79,866
Dinwiddie Const. Co., S. F. 82,500
George Roek, Stockton 84,940
Samuel Eyre, Tracy 85,558
O. H. Chain, Stockton 86,723
Leo Epp, San Francisco 98,877
Three low bids referred to PWA for award.

Preparing Working Drawings.
CANNERY Cost, $50,000
STOCKTON, San Joaquin Co., Cal. Morningside Industrial Area (20 acre site).
Two-story cannery (reinforced concrete construction to first floors, steel and corrugated iron on second floors; wood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco ,E. F. Euphrat in charge).
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.

Contract Awarded.
SHOP Cost, $5000
SAN FRANCISCO. W Bayshore Blvd. S Courtland Avenue.
One - story and mezzanine floor concrete shop building (25x109 feet) composition and part tile roof. plate glass front, store front tile.
Owner—P. Spagnoli (Dreamland Bedding Co.), 534 Bayshore Blvd.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Vannucci Bros. Const. Co. 374 Bayshore Blvd.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 2215 Greenwich Street.
Alterations to laundry.
Owner—Gabries Fanfelle, 3301 Fillmore St., San Francisco.
Architect—Not Given.
Contractor—Hanson Bros., 5840 Mission St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $15,000
FRESNO, Fresno Co., Cal. H and Tuolumne Streets.
Alterations to dairy.
Owner — Borden Company of Calif., Premises.
Architect—Not Given.
Contractor—Trewhitt Shields, Pacific Southwest Bldg., Fresno.
Roofing — Valley Lumber Co., H and Mono Streets.
Plumbing and Heating—B. A. Newman Co., 320 North H St.
Plastering—Walter Daniel, 2209 Hammond Street .
Tile Work—McMullen Co., 1225 Broadway.
Painting — Schultz Paint Co., 1901 Fresno Street.
Glass—W. P. Fuller & Co., Los Angeles and M Streets.
Lumber—Valley Lumber Co., H and Mono Streets.
Iron Grill Work—Klye Co., 346 J St.
Brick & Stone Work—Fred F. Smith, 3810 Dwight St.
All of Fresno.

Plans Being Figured—Bids Close Jan. 7 5 P. M.
WAREHOUSE Cost, $7500
SAN FRANCISCO. Jefferson and Leavenworth Streets.

One-story steel and reinforced concrete warehouse.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Following will submit bids:
J. A. Grant, 666 Mission Street.
Barrett & Hilp, 918 Harrison St.
Lindgren & Swinerton, 225 Bush St.
Fred J. Early Jr., 369 Pine St.
Jacks & Irvine, 74 New Montgomery Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
GARAGE Cost, $15,000
REDDING, Shasta Co., Cal. California Street.
One-story reinforced concrete garage building (steel trusses, steel sash, concrete floors, tar and gravel roof, etc.)
Owner—Thatcher & Lowden.
Architect—O. A. Delchmann, 110 Sutter St., San Francisco.
Engineer—Harold Hammill, 381 Bush St., San Francisco.
Contractor—J. P. Brennen, Redding.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Planned.
GARAGE Cost, $——
YREKA, Siskiyou Co., Cal.
One-story garage building.
Owner—City of Yreka.
Architect—Not Given.

Contract Awarded.
GARAGES Cont. Price, $3624
SAN FRANCISCO, Fort Miley
One 11-unit garage (112.7" long) with alternate for additional three units (total length of 143.1-in) including road work and pavement, reinforced concrete construction, up-swing doors, tar and gravel roof, 4-in. tile partitions).
Owner—United States Government.
Plans by Veterans Administration Facility, Palo Alto.
Contractor—W. E. Akard, 225 Cervantes Blvd., San Francisco.

7— FEDERAL BUILDINGS

LOW BIDDER
SAN DIEGO, Cal.—San Diego Title & Woodstone Co., 758 Front St., San Diego, submitted low bid to Eleventh Naval District, at $1349, for tile floor and wainscot and asphalt floor tile in storage facilities building at the Naval Operating Base (Supply Depot Annex), San Diego; Specification 7867.

CONTRACT AWARDED
ALBUQUERQUE, N. M. — Soule Steel Co., 1750 Army St., San Francisco, awarded contract by Department of the Interior, at $1398 f.o.b. Gallup, less $212.44 freight, for furnishing steel sash and glass for Federal projects 384, 390 and 391, Albuquerque, N. M.

Low Bidders.
POST OFFICE Cost, $65,000
SEBASTOPOL, Sonoma Co., Cal.
One-story Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Robert McCarthy, 1363 14th Ave., San Francisco.
Following are three low bids:
Robert McCarthy, S. F.....$33,930
K. E. Parker Co., S. F..... 35,468
A. Nelson, San Francisco..... 35,500

Bids Wanted—To Close February 14.
POST OFFICE Cost, $55,000
OCEANSIDE, San Diego Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Sup. Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

Bids Wanted—To Close February 14, 1 P. M.
POST OFFICE Cost, $90,000
MOUNT VERNON, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from the above office.

Bids Wanted—To Close February 14, 1 P. M.
POST OFFICE Cost, $70,000
PUYALLUP, Washington.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from the above office.

Bids Wanted—To Close February 11.
POST OFFICE Cost, $77,000
COMPTON, Los Angeles Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from the above office.

Bids Wanted—To Close Feb. 11.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Sup. Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

LOW BIDDER
FRANCE FIELD, Canal Zone—Moby Lutterell, Panama City, submitted low bid to the Army Department December 17, at $360,000, for the construction of officers' quarters at France Field, C. Z.

Plans Being Prepared.
POST OFFICE Cost, $83,600
SALINAS, Monterey Co., Cal. Alisal, Howard, Church and Lincoln Sts. (140x65 feet).
One-story steel and concrete Post Office Building (granite finish).
Owner—United States Government.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Bids Wanted—To Close February 21, 1 P. M.
POST OFFICE Cost, $167,000
HUNTINGTON PARK, Los Angeles Co., Cal. SE Seville and Zoe Avenues.
U. S. Post Office Building.
Owner—United States Government.
Plans by Sup. Architect, Treasury Department, Washington, D. C.
Plans and specifications may be obtained from above office.

Low Bidders.
POST OFFICE Cost, $48,500
EL MONTE, Los Angeles Co., Cal.
One-story post office building.
Owner—United States Government.
Plans by Sup. Architect, Treasury Dept., Washington, D. C.
Low Bidder—N. A. Anderson, 4307 Van Buren Place, Los Angeles, at $32,700.
Second low bid was submitted by L. F. Dow, Los Angeles, at $34,716.
Complete bids will be published shortly.

Bids Wanted—To Close February 15, 1 P. M.
POST OFFICE Cost, $635,559
PHOENIX, Arizona.
Two-story steel frame Post Office building (195x163) masonry walls, clay tile roofing, asphalt block paving, ornamental iron, bronze and hollow metal work, metal counters, ventilating and air conditioning system, etc.
Owner—United States Government.
Architect—Lescher & Mahoney, 1160 Title & Trust Bldg., Phoenix
Plans and specifications may be obtained from Treasury Dept., Washington, D. C., upon deposit of $25.00.

Bids Wanted—To Close February 13, 1 P. M.
POST OFFICE Cost, $49,000
BAKER, Oregon.
United States Post Office.
Owner—United States Government.
Plans by Sup. Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 8, 1 P. M.
POST OFFICE Cost, $38,300
BELL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 11, 1 P. M.
POST OFFICE Cost, $39,500
WINSLOW, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 15, 1 P. M.
INSPECTION STATION $67,500
LAURIER, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 8, 1 P. M.
POST OFFICE Cost, $69,900
WOODLAND, Yolo Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 6, 1 P. M.
POST OFFICE Cost, $44,000
KINGMAN, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.

RESIDENCES Cost, $4000 each
SAN FRANCISCO, E Forty-fifth Ave. N Kirkham Street.
Two one-story and basement frame and stucco residences.
Owner—John Doelger, 1491 39th Ave., San Francisco.
Architect—Not Given.
Contractor—Irving Building Co., 1491 39th Ave., San Francisco.

BIDS WANTED

GRAND COULEE DAM, Wash.—Until January 21, 2 P. M., bids will be received by Bureau of Reclamation, Denver, Colorado, for furnishing and delivering f.o.b. cars at the factory shipping point or at Odair, Wash., all structural steel, siding, roofing, windows, doors, ventilators and other necessary materials, except crane, concrete walls, foundations and anchor bolts for one complete steel warehouse building for the Government camp at Grand Coluee Dam, Columbia Basin Project, Washington. The concrete foundation will be constructed and the building erected by the Government.

Specifications may be obtained from above office. No deposit required.

BIDS WANTED.

ELKO, Nev.—Until January 16, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Washington, D. C., for the construction of a new concrete retaining walls, wall copings, etc., at the U. S. Post office at Elko.

Plans and specifications may be obtained from above office and from the Custodian of the Building at Elko.

Complete Bid Listing.

POST OFFICE Cost, $48,500
EL MONTE, Los Angeles Co., Calif.
One-story post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — N. A. Anderson, 4307 Van Buren Place, Los Angeles.

Complete bids follow:

N. A. Anderson, Los Angeles	$32,700
L. F. Dow Co., Los Angeles	34,716
Robt. E. McKee, Los Angeles	37,000
Schuler & McDonald, Oakland	37,447
T. P. Schultz, Compton	38,900
W. H. McCune, Monrovia	39,100
Wm. MacDonald Const. Co., St. Louis, Mo.	39,217

BUILDING MATERIALS APPROVED

LOS ANGELES, Cal.—Treasury Department has approved the following building materials for the construction of the quarantine station at Los Angeles. Chas. T. Montague, 1144 S. Grand Avenue, Los Angeles, general contractor:

Glassware, Gill Glass Co,, Malone, N. Y., post office construction; contractor, M. E. Ryan Co., Malone, N. Y.; plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, Kelvinator Co. pressure-reducing valve on water supply, McAlear Mfg. Co.; non-conducting covering for plumbing, Keasbey & Mattison Co.; sump pump, Economy Pumping Mchy. Co.; boiler, Kewanee Boiler Corp.; tube radiators, H. B. Smith Co.; wall radiators, H. B. Smith Co.; nonconducting covering for heating, Keasbey & Mattison Co.; angle radiator valves and offset radiator valves, Marsh Valve Co.; brass piping, Chase Brass & Copper Co.; ash hoist, G. & G. Hoist Corp.; lighting distribution panel and feeder panel, Trumbull Elec. Mfg. Co..; rubber-covered wire, Anaconda Wire & Cable Co.; flush switches, Pass and Seymour; glassware, Gill Glass Co., and Moe-Bridges Co.; pendent switches, Pass & Seymour; lighting fixtures, Moe-Bridges Co.

Bids Wanted—To Close February 8, 1 P. M.

POST OFFICE Cost, $45,000
ROSEVILLE, Placer Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office upon deposit of $15.00.

Date was previously reported as February 11, which was in error.

BIDS WANTED

SAN FRANCISCO—Until January 15, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for exterior painting of frame buildings and patching of cracks in concrete buildings at Fort Mason, San Francisco. Specifications may be obtained from above office. No deposit required.

Bids Wanted—To Close February 18, 1 P. M.

POST OFFICE Cost, $85,000
KELSO, Washington.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office upon deposit of $15.00.

Bids Wanted—To Close February 25, 1 P. M.

POST OFFICE Cost, $90,000
INGLEWOOD, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office upon deposit of $15.00.

BIDS WANTED

SAN DIEGO, Cal.—Until January 15, 11 A M., bids will be received by the Eleventh Naval District, San Diego, for concrete floors to be installed in landplane hangars at the Naval Operating Base (Air Station), San Diego; Specification 7866. The work will consist in general of the necessary grading for, and the provision and installation of concrete floor pavements in two hangars, each approximately 140x110 feet, with one-course cement of 5 inches total thickness. Bidding data may be obtained from the district in San Diego upon deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks.

Bids Wanted—To Close February 8, 1 P. M.

POST OFFICE Cost, $117,000
SAN MATEO, San Mateo Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office upon deposit of $15.00.

9— HOSPITALS

CONSTRUCTION STARTED.

TAFT, Kern Co., Calif.—West Side Hospital, Taft, has started work on the erection of a new hospital building to replace the structure destroyed by fire several months ago. It will provide 25 beds and will contain kitchen and dining room, surgery and other departments. The building will cover an area of 125x60 ft.; reinforced concrete construction, stucco exterior, air conditioning system, etc. Cost is estimated at $30,000. Norma Z. Smith, superintendent.

Plans Being Completed.

HOSPITAL Cost, $97,000
MADERA, Madera Co., Calif.
One-story and basement reinforced concrete hospital building (concrete walls and floors, tile roof, tile partitions, etc.)
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.

Plans will be submitted to the PWA for approval shortly. *

Plans Being Figured—Bids Close Jan. 7, 8 P. M.

ADDITION Cost, $6500
SANTA ROSA, Sonoma Co., Calif.
Additon to hospital (add operating room, six major rooms, etc.) work involves roughing — in plumbing and electrical work.
Owner—Santa Rosa Hospital.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.

Following have procured plans:

Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
James Bros., 747 Wheeler Street, Santa Rosa.
E. F. Bohn, Rt. 2, Box 372, Sebastopol.

Bids will be opened at 716 B Street, Santa Rosa. *

Late Bids.

HOSPITAL AND QUARTERS Cost, $180,000
NESPELEM, Washington. Colville Indian Agency.
Hospital, two doctors' houses, nurses' quarters (hospital will have reinforced concrete construction, light weight steel beams, reinforced concrete floors, etc.; nurses' quarters, masonry walls, asbestos shingle and clay tile roofing, hot water heating system, high pressure steam boilers).
Owner — United States Government (John Collier, Commissioner of Indian Affairs).
Architect—Schmidt, Garden & Erikson, 104 S. Michigan Ave., Chicago
Low Bidder — Western Constr. Co., Textile Tower, Seattle, Washington, at $131,680.

Following are late low bids received

A. F. Mowat, Seattle, Wash.	$155,900
G. G. Morin, Spokane, Wash.	156,543
Howard S. Wright, Seattle	152,740
Colonial Constr. Co., Spokane	167,065

Bids Opened.

ALTERATIONS, ETC. Cost, $40,000
PACIFIC COLONY, Los Angeles Co.
Alterations and additions to kitchen and commissary at Pacific Colony (addition of wing for commissary storehouse, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.

General Work

(1) deduct for omission of garage;
(2) deduct for omission of ceiling.

C. Haverlandt, 1625 E. 5th St Long Beach		$37,000
	(1)	3,565
	(2)	750
L. W. Odell, Los Angeles		$38,219
	(1)	3,400
	(2)	725

Plumbing and Heating

Johnson & Reeves, 1112 S. Central Ave., Glendale	$ 3,587
Howe Bros., Los Angeles	3,716
Lohman Bros., Los Angeles	3,676
Johnston & Washer, L. A.	3,780
F. C. Schilling, Los Angeles	3,939
Munger & Munger, Pasadena	3,987
J. A. Fazio, Oakland	4,998

Electrical Work

Deduct if garage is omitted

H. H. Walker, 1323 Venice Blvd. Los Angeles		$ 846.00
	(1)	95.00
Moore Electric Co., L. A.		$ 886.00
	(1)	50.00
Coast Electric Co., L. A.		$1,000.00
	(1)	104.00
Bennett & Taylor, L. A.		$1,196.00
	(1)	31.00
H. H. Weaver, El Monte		$1,211.00
	(1)	166.00

Bids held under advisement. *

10— HOTELS

Sub-Contracts Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO. NW Powell and Geary Streets.
Alterations to mural room of hotel for store.
Owner—The Crocker Hotel Co., Post and Powell Streets.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—Ira W. Coburn, 2048 Market Street.
Plastering—Jas. F. Smith, 271 Minna Street.
Hardwood Floors — Acme Floor Co., 1051 Mission St.
Ornamental Iron—Seipel Ornamental Iron Works, 1079 Folsom St.
Glass—Habenicht & Howlett, 529 Clay Street.
Pneumatic Tubing—The Lamson Co., 611 Howard St.
Painting—D. Zelinsky, 165 Grove St.
As previously reported, marble awarded to Vermont Marble Co., 525 Market St.; lumber to J. H. McCallum Lumber Co., 748 Bryant St.; painting to D. Zelinsky, 165 Grove St. ventilating to Scott Co., 243 Minna Street.

Sub-Contracts Awarded.
ALTERATIONS Cost, $90,000
SAN FRANCISCO. NW Powell and Geary Streets.
Restoration of the Colonial room in the St. Francis Hotel (work involves carpentry, painting, decorating, ornamental plaster, electrical fixtures, plumbing, elevator, etc.)
Owner—The Crocker Hotel Co., Post and Powell Streets.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—Ira W. Coburn, 2048 Market Street.
Plastering—Jas. F. Smith, 271 Minna Street.
Hardwood Floors — Acme Floor Co., 1051 Mission St.
Ornamental Iron—Seipel Ornamental Iron Works, 1079 Folsom St.
Glass — Habenicht & Howlett, 529 Clay St.
Pneumatic Tubing—The Lamson Co., 611 Howard St.
Painting—D. Zelinsky, 165 Grove St.
As previously reported, ornamental plaster awarded Aug. Dackert & Co., 1450 15th St.; lumber to J. H. McCallum Lumber Co., 748 Bryant St.; elevator to Westinghouse Electric Elevator Co., 1 Montgomery St.; plumbing to Scott Co., 243 Minna St.; electric to Golden Gate Electric Co., 1526 California St.

11—ICE AND COLD STORAGE PLANTS

Work Under Way.
ALTER ICE PLANT Cost, $238,000
FRESNO, Fresno Co., Cal. Church and Railroad Avenues.
Alterations and rehabilitation of ice plant (new refrigeration equipment, etc.)
Owner — Santa Fe Railroad Co., 560 S-Main St., Los Angeles.
Plans by Engineering Dept. of Owner Dist. Supt.—W. W. Brison, Tulare & Q Sts., Fresno.

12— POWER PLANTS

LOW BIDDER
PULLMAN, Wash.—C. C. Moore & Co., Smith Tower, Seattle, at $118,-128 submitted low bid to Regents of the State College of Washington, for furnishing and installing mechanical equipment for the power plant now under construction on the campus of the State College of Washington, at Pullman.
Equipment consists of boilers, piping, electric wiring, stokers, pumps, fans and plant for purifying water to be fed to the boilers. Allis Chalmer Co., 3410 First St., South, Seattle, at $1281 submitted low bid fo furnishing transformers and motors.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

SITE PURCHASED
BERKELEY, Cal.—City of Berkeley has purchased a site on Cedar Street, between Eighth and Ninth Sts., as a location for a fire house.
It has not been determined at this time whether a new building will be constructed or a building will be moved to the new location.
Further details will be announced shortly.

BIDS WANTED
SAN FRANCISCO—Until January 2, 1:45 P. M., informal bids will be received by the Department of Public Works, City Hall, for ornamental iron window grilles for the Civic Auditorium, San Francisco.
Specifications may be obtained from Chas. Sawyer, City Architect, City Hall.

Plans Awaiting PWA Approval.
AUDITORIUM Cost, $400,000
FRESNO, Fresno Co., Cal. Fresno and O Streets.
Auditorium to seat 2300 on the main floor and 1200 in balcony (56-foot stage, art gallery, little theatre, committee rooms, partial basement kichen and banquet room; central telephone system; air conditioning, elevators, etc.) steel frame structure.
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson, 304 Rowell Bldg., Fresno)
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
Upon approval of plans by the PWA bids will be asked.

BOND ELECTION
CARMEL, Monterey Co., Cal.—City of Carmel will hold an election on January 24 (date postponed from Jan. 7) at which time bonds in the amount of $31,000 will be voted. Proceeds to finance construction of a new City Hall in Carmel.
Plans prepared by Architects C. J Ryland, Milton Latham, Guy Koepp and C. S. Green, Carmel and Monterey. A gant of $9000 has been made by the PWA.

LOW BIDDER
SAN QUENTIN, Marin Co., Cal.—Jamestown Metal Desk Co., at $347 submitted low bid to State Purchasing Department, Sacramento, for hollow metal frames at the State Prison, San Quentin.

CONTRACT AWARDED
SAN QUENTIN, Marin Co., Cal.—Soule Steel Co., 1750 Army St., San Francisco, at approximately $700 awarded contract by State Purchasing Department for iron grilles and frames at the State Prison, San Quentin.

BIDS OPENED.
SAN FRANCISCO. — Arnke Iron Works, 780 Brannan Street, at $249.00 submitted low bid to Department of Public Works for ornamental iron window grilles for the Civic Auditorium, San Francisco.
Complete bids follow:

Arnke Iron Works	$249.00
Anchor Post Fence Co.	256.00
Monarch Iron Works	280.00
Peerless Orna Iron Works	284.00
Industrial Orna Iron Works	288.00
Fair Manufacturing Co.	290.00
Star Ornamental Iron Works	309.00
Federal Ornamental Iron Works	317.00
Patterson & Koster Iron Works	335.00
Michel & Pfeffer Iron Works	346.00
West Coast Iron & Wire Works	455.00

Recommendation has been made that contract be awarded to low bidder.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $3,770
SALINAS, Monterey Co., Cal. Lorimer Street.
One-story frame and stucco residence.
Owner—R. C. Bayley and H. Lenore Bayley, Salinas.
Architect—Not Given.
Contractor—W. E. Greene, 32 Willow St., Salinas.

Contract Awarded.
RESIDENCE Cost, $7000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence (7 rooms, 2 baths) Spanish style; tile roof, floor furnace, hardwood floors, tile baths, etc.
Owner—George Rothang.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Ellis Ahlstrom, 411 Short St., Santa Rosa.

Contract Awarded.
REPAIR RESIDENCE Cost, $1500
SAN FRANCISCO, No. 8 Gloria Court
Repair fire damage to residence.
Owner—Cornelia Matulich, Prem.
Architect—Not Given.
Contractor — Charle Hammer, 1524 Floribunda Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 1448 Hamilton Avenue.
One - story and basement frame and stucco residence.
Owner—C. M. Brink, 1050 Waverly Pl., Palo Alto.
Architect—Not Given.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Contract Awarded.
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. 400 Marlowe Street.
Two-story frame and stucco residence.
Owner—Walter M. Speyer.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Sub-Bids Being Taken.
RESIDENCE Cost, $3500
ALAMEDA, Alameda Co., Cal.
One-story and basement frame and stucco residence (5 rooms); rustic exterior, shingle roof, gas hot air heating system, hardwood floors, tile floors in bath, etc.
Owner and Builder—A. Stuffenson, 319 14th St., Oakland.
Plans by W. W. Dixon, 1844 5th Ave. Oakland.

Plans Being Completed.
RESIDENCE Cost, $13,000
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Oaks.
Two-story and basement frame and stucco residence (10 rooms, 3 baths, separate lavatory); shake roof, gas heating system, hardwood floors, tile baths, wood sash etc.

Owner—Ernest Cropp.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Plans will be completed abount Jan. 10. Whether bids will be asked or not is not determined at this time.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
BURLINGAME, San Mateo Co., Cal. Concord Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3500
SAN FRANCISCO. W Eighteenth Ave. 25 S Vicente St.
One-story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave.
Architect—C. O. Clausen, 796 46th Ave., San Francisco.

Work Started.
ALTER RESIDENCE Cost, $2000
BENICIA, Solano Co., Cal.
Alterations to residence.
Owner—P. S. Wetmore, Benicia.
Architect—Not Given.
Contractor—David Paganini, 519 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Arch Street.
Two-story frame and stucco residence
Owner—K. G. Schwegler, 1203 Walnut St., Berkeley.
Architect—F. W. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5001 Proctor Avenue.
One-story frame and stucco residence (5 rooms).
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Calif. 836 Longridge Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
SAN FRANCISCO. S Chestnut St. 126 W Scott St.
One-story and basement frame and stucco residence.
Owner—Carl Wunner, % Architect.
Architect—Geo. Wiemeyer, 605 Market St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Alemany 112 S. Tingley St.
One-story and basement frame and stucco residence.
Owner & Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Eighteenth Ave. S Vicente Street.
Two two-story and basement frame and stucco residences.
Owner and Builder—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Calif. East Scarborough Drive 500 N Chelton Drive.
Two-story frame and stucco residence (five rooms).
Owner & Builder—Helen W. Jackson, 6001 Chelton Drive, Oakland.
Architect—Not Given.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland.

15— SCHOOLS

Plans Awaiting Approval.
REMODEL SHOP Cost, $8000
WATSONVILLE, Santa Cruz Co., Cal.
Remodel school shop building (steel frame).
Owner—Watsonville School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be asked upon approval of plans by the State Division of Architecture.

BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until January 9, 2 P. M., bids will be received by the Berkeley Board of Education for structural steel (in place including shoring and tests); sheet metal; cement gun concrete (gunite); heating and ventilating, including stacks, for the reconstruction of the Thousand Oaks School, Tacoma and Colusa Sts., Berkeley.
Plans and specifications may be obtained from Clara F. Andrews, Secretary, Board of Education, upon deposit of $10.

BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until January 9, 2 P. M., bids will be received by the Berkeley Board of Education for materials for the reconstruction of the Thousand Oaks School, Tacoma and Colusa Streets, Berkeley. Material wanted as follows:
Lumber; concrete materials; reinforcing steel; miscellaneous iron, plumbing; rough hardware; mill work; building paper; lath and plaster; electrical supplies; asphalt pavement repairs; finish hardware; mastic surfacing; painting materials; glass; blackboards and cork carpets.
Plans and specifications may be obtained from Clara F. Andrews, Secretary, Board of Education upon deposit of $10.

BIDS WANTED
LOS ANGELES, Cal.—Until Jan. 7, 11:30 A. M., bids will be received by Los Angeles board of education, 1425 San Pedro St., for reconstruction, rehabilitation and strengthening of domestic science building, main building (1927 addition) and main building (1929 addition) at David Starr Jordan high school, Watts. Plans and specifications obtainable at 1425 San Pedro St., upon deposit of $25. Sumner P. Hunt, architect, and Wm. Mellema, structural engineer. Cost, $156,112.

BIDS WANTED
HERMOSA BEACH, Los Angeles Co., Cal.—Until January 15, 2 P. M., bids will be received by the Board of Public Building Reconstruction at Hermosa Beach for reconstructing the classroom building and the shop and cafeteria building at the Pier Avenue School in Hermosa Beach. Separate general bids will be taken for each structure and segregated bids will be taken for the heating, plumbing and electrical work for both buildings combined. Plans may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect and Paul E. Jeffers, structural engineer.

Plans Being Completed.
SCHOOL Cost, $40,000
CONCORD, Contra Costa Co., Cal.
Two-story reinforced concrete high school (ten classrooms); tile roof, steam heating system, probably concrete floors.
Owner—Mt. Diablo Union High School District (Miss Bertha Romaine, Principal).
Architect—W. H. Weeks, 525 Market St., San Francisci.
Plans will be forwarded to Sacramento for approval in one week.

BOND ELECTION
CLOVERDALE, Sonoma Co., Cal.—Cloverdale High School District will hold an election February 14, at which time bonds in the amount of $45,600 will be voted, proceeds from which will finance construction of a one-story frame and stucco high school in Cloverdale. Plans prepared by Architects Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
The PWA has allotted $45,600 to the District.

BOND ELECTION PLANNED.
SAN MARTIN, Santa Clara Co., Cal.—The San Martin School District is considering calling another election to vote bonds in the amount of $11,000 to finance construction of and addition to the San Martin Elementary School. Application will probably be filed with the SERA to furnish labor.

BID OPENING DATE POSTPONED
NEWPORT BEACH, Orange Co., Cal.—Until January 8,, 2 P. M., (opening date postponed from January 3), bids will be received by Board of Public Building Reconstruction at Newport Beach for the new elementary shhool building to be erected on the site of the former school in Newport Beach. Separate bids will be taken on the general work, electric wiring, plumbing and heating and ventilating. Plans may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25. Cost, $110,000. Donald Beach Kirby, Balboa Island, architect.

Additional Sub-Contracts Awarded.
SCHOOL ANNEX Cost, $75,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
One - story reinforced concrete high school annex (six classrooms and assembly hall).
Owner—South San Francisco High School District.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—Einar C. Petersen, 1290 Haryes Street, San Francisco.
Roofing — Izmirian Roofing and Sheet Metal Works, 227 S. R. R. Ave., San Mateo.
Stairs—I. S. Perano, 1511 Steiner St., San Francisco.
Other awards previously reported.

BOND ELECTION PLANNED
COLLEGE CITY, Colusa Co., Cal.—Pierce Union High School District is planning to call an election early in February to vote bonds in the amount of $100,000. Proceeds to finance construction of a new high school building in College City.

BIDS WANTED
SAN FRANCISCO—Until January 9, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director,

Department of Public Works, for general repairs to Bay View School, located on the southeast corner of Bayview and Flora Streets. Estimated cost $1800.

Plans and specifications may be obtained from C. H. Sawyer, City Architect, City Hall. No deposit required.

Contracts Awarded.

MODESTO, Stanislaus Co., Cal.—Modesto High School District awarded the following contracts for building materials for the construction of a one-room unit at the Modesto High School Building known as the Trades Department:

Structural Steel—Schrader Iron Wks., 1217 Howard St., San Francisco, at $1168.

Reinforcing Steel—Modesto Steel Products Co., Modesto, at $143.03.

Building Paper and Lathing—Modesto Lumber Co., Modesto, at $91.

Lumber—United Lumber Co., Modesto, at $681.97.

Concrete Aggregates — Putman Sand & Gravel Co., Modesto, at $388.

Cement—Modesto Lumber Co., Modesto, at $418.55.

Paint Materials — Stanislaus Lumber Co., Modesto, at $68.

Stucco and Plaster (Exterior) — Modesto Lumber Co., Modesto, at $170.15.

Mill Work—Modesto Lumber Co., at $789.50.

Finish Hardware — Turner Hardware & Implement Co., Modesto, at $120.15.

Rough Hardware—Baker & Brandt, Modesto, at $146.99.

Roofing Materials—Bids rejected.

Bids were not received for plumbing, heating and electrical work at this time.

CONTRACT AWARDED

LOS ANGELES, Cal.—H. A. Nichols, 936 E. Slauson Ave., awarded contract by Los Angeles Board of Education, at $55,938, for reconstructing, rehabilitating and strengthening the main building at the Glassell Park School, 2211 W. Avenue 30. Edward Cray Taylor, architect, and Ellis Wing Taylor, 803 W. Third St., Structural engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—Wesco Construction Co., 2000 Hyperion Avenue, awarded contract at $54,670 by Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main building and erection of a new frame building at the Brockton Avenue School, 1300 Brockton Avenue. A. S. Nibecker Jr. architect & John S. Ferguson, structural engineer.

BIDS WANTED

COSTA MESA, Orange Co., Cal.—Until January 22, 2 P. M., bids will be received by Board of Public Building Reconstruction for construction of a new administration and classroom building and reconstructing a six-classroom building on the Costa Mesa Grammar School site, 19th St. and Newport Blvd., Costa Mesa. Plans may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25: Estimated cost $70,000. Herbert E. Mackie, architect, and John Paxton Perrine, Western Pacific Bldg., Los Angeles, and structural engineer Ryan A. Grut, 1007 S. Grand Ave., Los Angeles.

BIDS WANTED

SAN FRANCISCO—Until January 9, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Wks., Room 251 City Hall, for the construction of a steel fire escape at the John Swett Junior School, McAllister and Gough Streets.

Further particulars may be obtained from John T. Burns, Supt. of Public Buildings, 490 11th Street

Specifications Being Written.

EXTEND DOCK Cost, $159,000

OAKLAND, Alameda Co., Cal. Outer Harbor.

300-ft. extension to dock (creosoted apron, conc. bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall, asphalt surfacing, etc.)

Owner—City of Oakland (Port Commission).

Plans by Engineering Dept. of Owner. Bids will be asked shortly.

PWA has made a grant of $44,500 to the City of Oakland Port Commission to assist financing the project.

CONTRACTS AWARDED

LONG BEACH, Los Angeles Co., Cal.—J. A. Webb, 1235 E. 10th St., Long Beach, awarded contract by Long Beach Board of Education at $45,538.25 (using salvaged materials), for construction of the William Cullen Bryant School. Hickman Brothers, 910 E. Anaheim St., Long Beach, awarded plumbing contract at $3860; Egge Electric Co., 2222 E. 4th St., Long Beach, electric wiring at $3120. Raymond A. Sites, 206 E. Fourth St., Long Beach, architect.

CONTRACT AWARDED

LOS ANGELES, Calif.—Richards Neustadt Const. Co., Ltd., 5509 South Boyle Ave., awarded contract at $38,281 by Los Angeles board of education for reconstruction, rehabilitation and strengthening of the main building at the Helltrope Avenue school, 4800 E. Slauson Ave. Joseph Kaiser, 5849 S. Van Ness Ave., architect.

LAWTON SCHOOL — SAN FRANCISCO

SCHOOL Cost, $——

SAN FRANCISCO, Thirtieth Avenue near Lawton Street.

Two-story and basement school building (Lawton School) fifteen classrooms, auditorium, kindergarten, library; tar and gravel roof, steam heating system, concrete floors, wooden studs, metal lath.

Owner—City and County of San Francisco.

Architect — Dodge R. Riedy, Pacific Bldg., and Charles E. J. Rogers, Phelan Building.

Structural Engineer — Hyman Rosenthal, 821 Market Street.

Mechanical Engineer—Robert L. St. John, 544 Market Street.

General Work—Anderson & Ringrose, 320 Market Street, $142,715.

Mechanical Equipment & Plumbing—Alta Electric & Mechanical, 467 O'Farrell Street, $17,671.

Electrical Work—H. S. Tittle, 85 Columbia Square, $9,402.

Complete bids follow:

General Work

(A) Anderson & Ringrose	$142,715
(B) O. Monson	143,448
(C) William Spivock	143,746
(D) MacDonald & Kahn	145,800
(E) K. E. Parker Co.	145,940
(F) Frank J. Reilly	152,731
(G) C. L. Wold	153,799
(H) Jas. L. McLaughlin	155,385
(I) Leo Epp	167,296

Mechanical Equip. and Plumbing

Alta Elec. & Mech. Co.	$17,671
James A. Nelson, Inc.	17,997
Anderson & Rowe	18,400
Scott Company	18,629
Fred. W. Snook	18,780
M. J. Reeves Htg. Co.	19,257
M. Deslano	19,990
Skelly & Kohler	21,484

Electrical Work

H. S. Tittle	$ 9,402
Alta Elec. & Mech. Co.	9,420
P. J. Doherty	9,458
Central Electric Co.	9,480
Chas. A. Langlais	9,482
Decker Electric Co.	9,489
H. C. Reid Co.	9,560
Globe Electric Works	9,561
N. C. Nicklassen Electric Co.	10,349
Abbett Electric Co.	10,941

Unit quantities follow:

(1) excavation and backfilling from natural grade to depth to 4 ft. below same, add;
(1a) do, deduct;
(2) do to 8 ft. below, add;
(2a) do, deduct;
(3) do to 12 ft. below, add:
(3a) do, deduct;
(4) do, to 16 ft. below, add;
(4a) do, deduct;
(5) one to 6½ mix concrete, add;
(5a) do, deduct;
(6) one to 5¾ mix concrete, add;
(6a) do, deduct;
(7) reinforcing steel, per lb., add:
(7a) do, deduct;
(8) linoleum, per sq. yd., laid, add;
(8a) do, deduct;
(9) cement topping per sq. yd., laid add;
(9a) do, deduct;
(10)concrete yard base and asphalt paving, per sq. yd., laid, add;
(10a) do, deduct.

Unit prices follow:

**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 1.50	$ 1.75	$ 1.50	$ 1.50	$ 1.25	$ 2.00	$ 2.00	$ 1.50	$ 2.00
(1a)	.30	.75	.35	.50	.25	.75	.75	.75	.30
(2)	2.00	2.50	2.50	2.50	2.50	3.00	3.00	2.00	3.50
(2a)	.30	1.00	.75	.60	1.00	1.00	1.00	1.00	1.00
(3)	3.00	5.00	4.00	3.00	4.00	4.00	4.00	4.00	5.00
(3a)	.35	1.25	1.00	.70	1.25	1.50	1.50	2.00	1.00
(4)	4.00	10.00	6.00	3.50	8.00	6.00	6.00	6.00	8.00
(4a)	.40	1.50	1.00	.80	1.25	2.00	2.00	3.00	2.00
(5)	19.00	20.00	18.00	17.00	17.00	20.00	18.00	25.00	20.00
(5a)	8.00	11.00	8.00	5.00	9.00	10.00	10.00	15.00	10.00
(6)	20.00	19.00	19.00	18.00	20.00	20.00	22.00	26.00	22.00
(6a)	8.00	10.00	8.00	5.00	12.00	10.00	12.00	16.00	10.50
(7)	.05	.05	.05	.055	.05	.07	.05	.06	.07
(7a)	.025	.03	.03	.02	.03	.03	.03	.03	.025
(8)	3.50	2.50	2.25	2.50	2.25	2.50	2.50	2.87	2.50
(8a)	1.25	1.50	1.50	1.00	1.75	1.50	1.25	1.87	1.75
(9)	.75	.80	.75	.40	.90	.70	.80	.80	.90
(9a)	.15	.35	.40	.12	.45	.40	.30	.40	.45
(10).	1.50	1.75	1.50	.19	1.50	2.25	2.00	2.50	2.00
(10a)	.60	.85	.75	.06	1.00	1.25	1.00	1.25	1.00

**The unit prices given in the tabulation of unit prices for excavation and backfilling are for hand work. Following are prices for machine work: (1) $.75; (1a) $.20; (2) $.80; (2a) $.25; (3) $.90; (3a) $.25; (4) $1.00; (4a) $.25

Bids held under advisement.

MACHINERY & MATERIAL

Bid calls for construction machin ery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublio agencies.

CANAL ZONE

PANAMA CANAL ZONE — Until January 10, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3021, for furnishing miscellaneous supplies and equipment, including: Automobile truck bodies; motorcycle; steam pump; corrugated roofing; welding rods; dredge chain; screws; copper tacks; grindstones; wire cloth; oars; solid-rubber tires; hose (Acetylene and gasoline); packing rubber, flax, asbestos and leather); strap leather; jute twine; asbestos cloth; calcium chloride, and asphalt-saturated asbestos-felt roofing materials, etc.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

MARE ISLAND, Cl.—Bids are being received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for two 20-ton locomotive cranes for the Navy Yard at Mare Island; Spec. No. 8757.

Plans and specifications obtainable from above office and from Commandant, Mare Island Navy Yard, upon deposit of $5.00.

BREMERTON, Wash.—Until Jan. 8, 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. NSA-305, for furnishing 55,000 ft. b. m., Douglas Fir or Spruce softwood lumber.

Specifications obtainable from the above office.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for funishing miscellaneous supplies and equipment, as follows:

ALUMINUM - ALLOY, sheet, and aluminum ingot; East and West Yards. Sch. 3984; January 8.

PUMPS, main condenser circulating pumps and spares; East and West Yards. Sch. 4014; January 8.

GLASS, non-scatterable; East and West Yards. Sch. 4015; Jan. 11.

KETTLES, 8 aluminum or corosion resisting steel steam jacketed kettles; Mare Island. Sch. 4020; Jan. 15.

REDWOOD, 30,000 ft. b. .m., Mare Island; 31,500 ft. b. m., Puget Sound; 30,000 ft. b. m., Western Yard. Sch. 4025; January 15.

PURIFIERS, 6 lubricating oil purifiers, and 6 Diesel oil purifiers and spares; Mare Island. Sch. 4023; January 15.

NICKEL, 300 lbs. nickel for remelting Mare Island; 1300 lbs. do., Puget Sound. Sch. 4032; January 18.

Specifications obtainable from the above office.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until Jan. 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 648-D, for furnishing and delivering fob cars at the factory shipping point or at Boulder City:

(1) 12 15-ft. 2-in. x 14-ft. bulkhead gates for turbine draft tubes, with lifting hooks, rollers, storage brackets seals and shoes.

(2) 1 11-ft. 4-in. x 14-ft. bulkhead gate for turbine draft tubes, with lifting hooks, rollers, storage brackets, seals and shoes.

(3) 1 17-ft. 10-in. x 14-ft. bulkhead gate for turbine draft tubes, with lifting hooks, rollers, storage brackets, seals and shoes.

All the above apparatus will be installed by the Government in the Boulder Power Plant, Boulder Canyon Project, Arizona-California-Nevada.

Specifications obtainable from above office without charge to prospective bidders; to others, $1, not returnable.

RECLAMATION SERVICE

BOULDER CANYON, Nevada—Until January 24, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Specification No.610, for furnishing and delivering f.o.b. cars at the factory shipping point or at Boulder City, Nevada, five 30-in. diameter sphere valves for connection to station service penstock at the Boulder Power Plant, Boulder Canyon Project, Arizona-California-Nevada.

The valves will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation, Denver, Colo., or Washington, D. C., without charge to prospective bona fide bidders; to others, $1.50, not returnable.

OAKLAND CITY

OAKLAND, Cal.—Until January 7, 4:30 P. M., bids will be received by Board of Port Commissioners, Room 73, Grove Street Pier, Oakland, for crushed rock road materials and asphaltic road oil.

Specifications may be obtained from above office upon deposit of $10.00.

OAKLAND, Cal.—Until January 7, 4:30 P. M., bids will be received by Board of Port Commissioners, Room

18— WHARVES & DOCKS

To Ask Bids Shortly.

WHARF Cost, $110,000
SAN FRANCISCO. Piers Nos. 44 and 46.
Reinforced concrete wharf.
Owner—State of California (Harbor Commisioners), Ferry Bldg., San Francisco.
Engineer — Frank G. White, Ferry Bldg., San Francisco.

Bids will prabably be asked within thirty days.

Contract Awarded.

TERMINAL Cost, $80,000
PORTLAND, Oregon.
Reconstruction of Oceanic terminal (recently destroyed by fire).
Owner—Oceanic Terminal.
Engineer—W. G. Brown, Concord Bldg., Portland.
Contractor—Parker-Schram Company, Couch Bldg., Portland.

19—MISC. CONSTRUCTION

To Be Done By Day's Work.

GREENHOUSES Cost, $4000
SAN MATEO, San Mateo Co., Calif. Maple Street.
Construct greenhouses.
Owner—J. A. Axell, 141 Hobart Ave., San Mateo.
Architect—Not Given.

BIDS OPENED

SACRAMENTO, Cal.—Graybar Electric Co., Ninth and Howard Sts., San Francisco, at $6525 submitted low bid to the City Council for furnishing 500 watt short wave radio transmitter for the City of Sacrameno. Complete bids follow:

Graybar Elec. Co.	$ 6,525.00
Alternate	7,315.00
Gamewell Co., San Francisco	6,598.61
General Electric Co., S. F.	7,088.00
Alternate	7,115.00
R.C.A. Victor, Inc., S. F.	9,411.00
Frank Bruner, Sacramento	12,665.52

Bids referred to City Manager for award.

PLANNED.

MADERA, Madera Co., Cali—Group of men composed of J. R. Gibbs, Chas. Green, et al, plan to construct a lumber mill in Madera on the Madera-Yosemite Road. Project is estimated to cost $50,000. Sherwood Green, Madera, is the attorney for the owners. Further details will be announced at a later date. $

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

LOS ANGELES, Calif. — Southwest Welding & Mfg. Co., 3201 W. Mission St., Alhambra, at $12,375.50 submitted low bid to the Metropolitan Water District, December 31, for furnishing water stops for construction joints and water stops and steel plates for the dummy joints for cut-and-cover conduit; Spec. No. M-2036, Bid No. 31001.

Bids were taken as follows:

(1) 330 sets of water stops and steel plates for dummy joints, Type 1;
(2) 180 sets water stops for construction joints, Type 4;
(3) 80 sets water stops and steel plates for dummy joints, Type 2;
(4) 40 sets water stops for construction joints, Type 5;
(5) 25 sets of water stops and steel plates for dummy joints, Type 3;
(6) 35 sets water stops for construction joints, Type 6.

The bidders and total bids were:

(A) Southwest Welding & Mfg. Co., Inc., $12,375.50, plus 2½% sales tax; fob Alhambra, net 30 days.

(B) Western Pipe & Steel Company of California, $13,356.75, plus $333.92 tax; fob 5717 Santa Fe Ave., Los Angeles; no discount.

(C) Consolidated Steel Corp., Ltd., $14,086.70, exclusive of tax; fob Los Angeles. Net.

The unit bids were:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	$23.40	$9.00	$22.80	$9.00	$22.50	$8.20
(B)	26.50	8.05	25.25	7.90	23.55	6.80
(C)	27.56	8.69	26.77	8.68	27.70	7.04

Bids held under advisement.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—El. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

PLANNED.

SANTA CRUZ, Santa Cruz Co., Cal.—Board of Supervisors have under consideration replacement of existing Valencia bridge with new reinforced concrete structure recommended by County Surveyor Lloyd Bowman. Estimated cost, $17,000.

CONTRACT AWAROED

MONTEREY COUNTY, Cal.—R. R. Bishop, 5017 East Broadway, Long Beach, at $64,014.50 awarded contract by the State Highway Comm'ssion, Sacramento, for the construction of a steel bridge with concrete deck acros Burns Creek about 46 miles south of Monterey, consisting of one 142-ft. deck truss span, two 60-ft. plate girder spans, two 50-ft. plate girder spans, and two 30-ft. tower spans.

BIDS POSTPONED.

BONNEVILLE, Ore.—Until Jan. 5, 10 A. M., bid opening date postponed from today, Dec. 28, 3 P. M., previously reported, bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 35-351, for the construction of a timber trestle and steel deck plate girder bridge across the lower canal approach to the Bonneville ship lock.

22—DREDGING HARBOR WORKS EXCAVATION

PROJECTS APPROVED.

PORTLAND, Ore.—The Board of Army Engineers, Washington, D. C., have classed as "meritorious" the following dredging projects:

(1) Dredging Columbia river to 30-ft. channel from Willamette to Vancouver, Wash.

(2) Dredging 30-ft. channel at St. Helens, Ore. Combined cost of these two projects, $190,000.

(3) Revision for 9-ft. channel and locks, at cost of $16,100,000 from Vancouver to Snake river.

(4) 7-ft. navigation channel, Celilo to Wallula, $400,000.

(5) Removal of obstructions from Snake River, Idaho, $7,500.

(6) Extend south jetty of Umpqua river to provide greater depth over bar, $1,200,000.

(7) Dredge Coos Bay to 24-ft. and provide turning basin, $184,000.

(8) Dredging Multnomah channel, Oregon, to 25-ft. and removing obstructions, $20,000.

(9) Dredging 10x100-ft. channel at Youngs bay and river, Oregon, $5,000.

(10) Dredging of Winomish channel (Skagit Co.) Mt. Vernon, Wash., to 12-ft. channel from deep water in Saratoga passage to Padilla bay, 207,-000.

BID CALL CANCELLED

SACRAMENTO, Cal.—The U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento, Captain J. G. Drinkwater, District Engineer, has announced the cancellation of a call for bids under Specifications No. 6969, for furnishing and placing approximately 12,000 tons of riprap stone along the banks of the Sacramento River at various points between the mouth of Cache Slough and Collinsville. The bids were to have been opened January 4, 3 P. M.

23— IRRIGATION PROJ.

FUNDS ASKED.

FALLBROOK, San Diego Co., Cal.—The Fallbrook Irrigation Dist. has applied to the Public Works Administration for a loan of $1,100,000 to finance the San Luis Rey River project. The engineer's estimate is $1,-004,151.90. The district proposes to vote a bond issue to secure the loan. Allowing for the 30% federal grant for labor and materials, the net bond issue will be $85 per are, according to a report from the directors.

The project is analyzed in four units: The diversion weir and canals for spreading; the upper diversion with wells, tanks, pumps, booster plants, reservoirs, and east side main pipe line; lower diversion with wells, pumps, booster plants, and reservoirs, and west side main pipe line; interconnecting system of laterals, supply water to the land.

Project specifications call for the constrution of a 1600-hp. Diesel-electric power plant near Bonsall, and booster plants located on the river.

Willis S. Jones, Claremont, is the consulting engineer.

PROJECTS APPROVED

LOS ANGELES, Cal. — Lloyd Aldrich, City Engineer, has announced that the SERA has approved four projects for the Los Angeles Water & Power Department, totalling $985,855 as follows:

Improvement to the upper San Fernando Reservoir, $128,800.

Cleaning Antelope and Jawbone siphons, $170,000.

Corrosion protection on San Fernando Valley trunk line, $468,447.

Road improvements, Hollywood Reservoir, $218,608.

LOW BIDDER.

NOGALES, Ariz.—Harry J. Karns, at $21,424 submitted low bid to the International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, for construction of the Nogales Flood Control Project, Nogales, as follows:

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

(1) 7,500 c.y. common excavation;
(2) 100 c.y. rock excavation;
(3) 2,800 c.y. backfill.
(4) 1,995 c.y. concrete;
(5) 106,000 lbs. reinforcing steel.

L. M. Lawson, Commissioner

BIDS WANTED.

PHOENIX, Ariz.—Until Jan. 10, 2 p. m., bids will be received by the Maricopa County Municipal Water Conservation District No. 1, 325 Title & Trust Bldg., Phoenix, for the construction, reconstruction and improvement of the irrigation works of the said District. The work is located from 25 to 35 miles west and northwest of Phoenix, and requires the reinforcement of the buttresses of the storage dam, the construction of a bridge over the storage dam, 1,650 feet in length, the reconstruction and enlargement of the reservoir spillway structure, including the installation of large structural steel control gates, the construction of a structural steel flume over the river, 1,150 feet in length, the installation of three 10 ft. diameter steel pipe flumes aggregating 1,200 feet carried on structural steel piers, concrete canal siphons, concrete canal headgates, other miscellaneous canal structures and concrete canal lining, all consisting of approximately the following quantities:

(1) 16,640 c.y. unclass. excav.;
(2) 4,900 c.y. structural excav.;
(3) 3,080 c.y. borow, struc. backfill;
(4) 11,110 c.y. concrete;
(5) 6,275 c.y. concrete, air placed;
(6) 3,050 c.y. rubble masonry;
(7) 689,000 sq. ft. concrete paving, canal;
(8) 51,250 sq. ft. rubble paving, 8-in. thick;
(9) 315,000 lbs. placing struc. steel, unfabricated;
(10) 969,000 lbs. reinforcing steel;
(11) 2,105,000 lbs. steel relay rails;
(12) 16,000 l.f. drilling dowel holes and placing bars;
(13) 100 M. bd. ft. lumber;
(14) 48 gates, metal gates, canal struc
(15) 329 l.f. corrugated metal pipe;
(16) an other incidental items.

Plans and specifications may be seen and examined at the office of the district in Phoenix. The District will furnish fob railroad points, the principal materials and operating machinery to be installed in the works. A proposal guarantee in the form of a cash deposit or an unendorsed certified check of not less than 10% of the gross amount of the bid is required. Robert O. Beardsley, President. W. W. Lane, Chief Engineer and General Manager.

BIDS WANTED

HYRUM, Utah.—Until January 21, 10 A. M., bids will be received by the Bureau of Reclamation, Hyrum, Utah, under Spec. No. 606, for the construction of a pumping plant, structures, and canal lining on the Hyrum-Mendon, Hyrum Feeder, and Wellsville Canals, Hyrum Project, Utah. The The work involves:

(1) 15,750 cu. yds. all classes excav.;
(2) 2200 sq. yds. trimming canal section for concrete lining;
(3) 3600 cu. yds. back fill;
(4) 1070 cu. yds. concrete;
(5) 20 sq. yds. dry-rock paving;
(6) Placing 100,000 lbs. reinforcement bars;
(7) Constructing 300 lin. ft. 8-in. diameter clay sewer pipe drain;
(8) Installing 4500 lbs. gates and miscellaneous metal work;

(9) Installing windows, doors, structural steel, built-up asphalt-saturated felt roofing & pumping machinery in pumping plant
(10) Erecting plate-steel penstock, wasteway and discharge pipes.

Plans and specifications obtainable from the Bureau of Reclamation at Hyrum, Utah; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1.50 not returnable.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO—Iowa Valve Co., 501 Howard St., San Francisco, at $5071.52 (Proposal B) awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, for furnishing gate valves under Bid No. 1269.

PROSPECTIVE BIDDERS.

SUMMIT, Canal Zone. — Following are additional plan - holders for the construction of motor and hand operated winches for antennas at the Naval Radio Station, Summit, C. Z., under Spec. No. 7800, for which bids will be opened by the Bureau of Yards & Docks, Navy Department, Washington, D. C., January 23, 11 A. M., as previously reported:

Roland Electric Co., 418 E. Pratt St., Baltimore.

Powell Anchor & Chain Co., Crozier Bldg., Chester, Pa.

Crocker-Wheeler Electric Co., Ampere, New Jersey.

Shepard-Niles Crane & Hoist Corp., Mifflin east of Front St., Philadelphia.

Star Iron & Steel Co., Tacoma.

Pacific Iron & Steel Works, Tacoma, Wash.

Thomas Spacing Machine Co., Pittsburgh, Pa.

Allis-Chalmers Mfg. Co., Norwood, Ohio.

Skagit Steel & Iron Works, Sedro-Woolley, Wash.

Starr Electric Mfg. Co., Bloomfield, New Jersey.

Previous lists of prospective bidders published October 16, 19, 26 and November 2, 12 and 20.

PROSPECTIVE BIDDERS.

LUALUALEI, T. H.—the following are additional plan - holders for the construction of motor and hand operated winches for antennas at the Naval Radio Station, Lualualei, T. H., under Spec. No. 7801, for which bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., until January 23, 11 A. M., as previously reported.

Crocker-Wheeler Electric Co., Ampere, New Jersey.

Shepard-Niles Crane & Hoist Corp., Mifflin east of Front St., Philadelphia

Powell Anchor & Chain Co., Crozier Bldg., Chester, Pa.

Star Iron & Steel Co., Tacoma.

Starr Electric Mfg. Co., Bloomfield, New Jersey.

Blake Palm Elec. Co., 1915 E St., N.W., Washington, D. C.

Pacific Iron & Steel Works, Tacoma Washington.

Thos. Spacing Machine Co., Pittsburgh, Pa.

Allis-Chalmers Mfg. Co., Norwood, Ohio.

BIDS OPENED

CHICO, Cal.—Bids for furnishing one power spray unit for Chico, Calif., were opened by the Department of Agriculture, Washington, D. C., Dec. 21. The bids were:

Field Force Pump Co., Elmira, New York, $950.

Hydraulic Press Mfg. Co., Mt. Gilead, Ohio, $1063.85; alt. $850.

Hardie Mfg. Co., Los Angeles, $1148.

Friend Mfg. Co., New York City, $947.30 and $982.30; 2%.

John Bean Mfg. Co., San Jose, $999 alts., $1044, $1240 and $1282, 3%.

BIDS OPENED.

SAN FRANCISCO.—P. M. Miles, % G. S. Fox, Chamber of Commerce, Stockton, at $1,575 submitted only bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Sale No. 117, for the sale of one electric industrial locomotive and one motor-generator.

CONTRACT AWARDED

LOS ANGELES, Calif.—Crook Co., 2900 Santa Fe Ave., Los Angeles, at $8051.82 awarded contract by Metropolitan Water District, Los Angeles, for furnishing one tractor and bulldozer, fob Indio, under Schedule 3, factory shipment, Bid No. 30709.

The other bids were:

Smith, Booth Usher Co., $125.79.

Shepherd Tractor & Equip. Co., $8,664.33.

Freeland Tractor & Equip. Co., $8,664.33.

Garwood Industries, Inc. (partial bid), $1413.12.

CONTRACT AWARDED

SAN FRANCISCO. — Water Works Supply Co., 501 Howard Street, at $2,517.56 awarded a contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1288, for furnishing one Venturi meter.

CONTRACT AWARDED

SAN FRANCISCO.—Pelton Water Wheel Co., 2929 19th Street, at $5,725 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1297, for furnishing one 66-inch butterfly valve.

BIDS OPENED.

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., December 27 under Spec. No. 604, for the furnishing and delivering fob cars at the factory shipping point or at Boulder City for furnishing:

(1) 4 motor-driven three-stem cylinder gate hoists, each hoist having a lifting capacity of 500,000 lbs.;

(2) 12 cast steel lower bulkhead gates for 325-ft. head, and 12 cast steel upper bulkhead gates for 175-ft. head.

Complete bids follow:

Babcock & Wilcox Co., (shipping point) Barberton, Ohio, (1) $259,625; $20,906.

John W. Beam, Chicago, (1) $295,000; (2) $23,650.

Maynard Elec. Steel Casting Co., Milwaukee, (2) $21,195.

M. H. Theadwell Co., Inc., Easton, Pa., (1) $291,000; (2) $25,400; (Combination 1 and 2) $316,400.

Baldwin-Southwark Corp., Boulder City, (1) $302,000; (2) $33,000.

Union Steel Casting Co., Newcastle, Pa., (2) $20,775.

Joshua Hendy Mfg. Co., Sunnyvale, Calif., (1) $214,750; (2) $25,130; (1 & 2) $238,800.

Washington Iron Works, Seattle, (2) $23,560.

McKiernan-Terry Corp., Pittsburgh and New Jersey, (1) $355,800.

Thomas Spacing Machine Co., Pittsburgh, (1) $282,440; (2) $27,525.

Goodman Mfg. Co., Chicago, (1) $250,057.

Bartlett Hayward Co., Boulder City (1) $ 242,800; (2) $32,800; (1 and 2) $267,800.

Consolidated Steel Corp., Ltd., Los Angeles, (1) $203,500; (2) $25,600.

Bethlehem Steel Co., Bethlehem, Pa., (1) $271,000; (2) $17,500; (1 and 2) $283,500.

Continental Bell & Steel Foundry, Boulder City, (2) $22,900.

Steacy Schmidt Mfg. Co., York, Pa., (1) $238,800; (2) $21,700.

Hardie-Tynes Mfg. Co., Birmingham Ala., (1) $259,248; (2) $21,691; (1 and 2) $280,906.

Bids held under advisement.

BIDS OPENED.

LOS ANGELES, Calif. — Following bids received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing and delivering distribution type transformers fob cars or trucks, 1630 N Main St., Los Angeles, furnished without oil but including accessories, under Spec. No. 1563.

Bids were taken as follows:

(a) Two 37½ Kva, pole type transformers, 4600-460/230 volt, Class 400, price each.

(B) Two 10 Kva, subway type transformers, 4600-230/125 volt, Class 200, price each.

(C) Seven 50 Kva, subway type do.

(D) One 75 Kva, subway type do, 4600-230/115 volt, Class 200, price ea.

(D) one 75 Kva, subway type transformer, 4600-230/115 volt, class 200, price each.

(E) Five 100 Kva, subway type transformers, 4600-230/115 volt, Class 200, price each.

The bidders were:

(1) Utilities Supply Co., 2%, 20 days.

(2) Maloney Elec. Co., terms net.

(3) Allis-Chalmers Mfg. Co., terms net.

(4) Standard Transformer Co. terms net.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$281.00	$143.00	$398.00	$499.00	$585.00
(2)	281.00	213.00	520.00	639.00	743.00
(3)	296.25	236.25	565.40	707.00	811.97
(4)	245.68	175.42	472.20	587.50	679.70

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—F. O. Bohnett, Campbell, and D. McDonald, 204 23rd St., Sacramento, at $174,670 awarded contract by the Santa Clara Valley Water Conservation District, San Jose, for the construction of the Stevens Creek Dam and Spillway.

BIDS WANTED.

DALY CITY, San Mateo Co., Cal.—Until January 21, 8 P. M., bids will be received by the Daly City City Council for guniting floor and walls of the water storage reservoir in the city.

Plans and specifications obtainable from Engineer George A. Kneese, 2382 Broadway, Redwood City.

31—PIPE LINES & WELLS

BIDS OPENED.

LOS ANGELES, Cal.—Roscoe Moss Co., 4360 Worth St., Los Angeles, submitted the only bid to the U. S. Indian Service, 751 S. Figueroa Street, Los Angeles, December 28 at prices shown below, for drilling, developing and testing one water well, 16-in. in diameter and approximately 75 feet deep, on the San Carlos Indian Reservation, Ariz., F. P. 199.

The bids follow:

(1) drilling and casing one 16-inch well approximately 75 ft. deep, contractor to supply and install starter and casing as specified, $16.05 per ft.;

(2) drilling but not casing 16-in. well up to 100 ft. in depth, $5 per ft.;

(3) extra work: (a) use of well rig and all other necessary equipment and tools, and labor of competent and qualified driller and helper for perforating, sand pumping and all other extra work, $4 per hour; (b) for operating test pump for a greater length of time

than specified under item 4, $3 per hour;

(4) developing and testing well with deep well turbine pump driven by gas or oil engine of adequate size and capacity for not to exceed 48 hours (lump sum) $400;

(5) credit allowed the government for recovered 16-in. casing in the event it is found necessary to abandon one or more wells in order to secure a satisfactory well, $1.50 per ft.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANNED.

ALAMEDA COUNTY, Cal.—SERA workers are making a survey in Castro Valley and vicinity of San Leandro and Hayward to determine cost of sewer system for this area. Sanitary district may be formed to undertake construction. Harold F. Gray, engineer in charge of project.

FUNDS ALLOTTED

SAN MATEO, Cal.—Federal Public Works Administration has reallocated $38,000 grant to city of San Mateo for construction of outfall sewer system. City has on hand $85,000 from bond issue and will proceed immediately with construction. City Manager, E. P. Wilsey.

PERMIT GRANTED

ONTARIO, Cal.—The United States Fidelity & Guaranty Co. has notified the Ontario City Council that the company will permit the city to complete the sewage disposal plant which was awarded to James Noon of Baldwin Park. The city may let a contract or do the work by force account under the direction of a consulting engineer.

PREPARING PLANS

MEDFORD, Ore.—Greeley & Hansen, Sanitary Engineer, Chicago, are preparing plans for the construction of a sewage disposal plant in Medford, Oregon, estimated to cost $100,000. The city hopes to call for bids about February 1.

33— WATERWORKS

FUNDS ALLOTTED

TORRANCE, Los Angeles Co., Cal.—Federal Public Works Administration has approved loan and grant of $170,000 to the City of Torrance for purchase of privately-owned waterworks system and improvement of same by installation of well and pumping plant, treatment plant and accessories, elevated storage tank, booster, pumping plant, extensions to distribution system, including fire hydrants, services, and appurtenances.

BIDS WANTED.

BRAWLEY, Imperial Co., Cal.—Until January 7, 5 P. M., bids will be received by the Brawley City Council for constructing a sedimentation basin, filtration plant, and changes in and around the pump house at the city water works, in accordance with plans and specifications which may be obtained at the office of Koebig & Koebig, consulting engineers, Rowan Bldg., Los Angeles. Estimated cost, $60,000. Certified check, 5%. O. May Juvenal, City Clerk.

TO ASK BIDS

SANTA CRUZ, Cal.—The Santa Cruz City Council will ask bids shortly for furnishing chlorination apparatus to be installed for treatment of Branciforte Creek water supply.

Alvin Weymouth, Commissioner of Public Works.

FUNDS ASKED

SPOKANE, Wash.—A water works improvement program involving expenditure of $1,356,689 for Spokane, being submitted to federal officials with informal application for federal loan to assure completion within one year. The projects planned include a new dam and hydro-electric plant for upriver pumping station, $623,573; new south side pumping plant with connecting mains, $288,115, and replacement of old mains, $45,000. A. D. Butler, City Engineer.

PROSPECTIVE BIDDERS

TORRANCE, Cal.—Contractors and others who have procured plans for the construction of an elevated steel water tank, bids for which will be opened by the Torrance City Council, January 8, 5 P. M., as previously reported, are:

Chicago Bridge & Iron Co., Wm. Fox Bldg., Los Angeles.

Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco.

Pacific Coast Steel Corp., 11,100 S. Central Ave., Los Angeles.

International Derrick & Equipment Co., Torrance.

CONTRACT AWARDED

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 15th St., at $25,157.80 awarded contract by the Public Utilities Commission, under W. D. Spec. No. 69, for laying 6-in. cast iron mains in the Excelsior District.

BIDS WANTED.

SANTA CRUZ, Santa Cruz Co., Cal.—Until January 7, 9 A. M., bids will be received by the Santa Cruz City Council, City Hall, Church Street, S. A. Evans, City Clerk, for furnishing and installing on Branciforte Creek, one manual control solution feed visible vacuum type chlorinator.

Specifications obtainable from the above office.

CONTRACT AWARDED

SAN FRANCISCO. — Lowrie Paving Co., Inc., 1540 16th Street, at $25,895 awarded contract by the Public Utilities Commission, under W. D. Spec. No. 68, for laying 6- and 8-in. cast iron mains in the west section of the Sunset District.

CONTRACT AWARDED

SAN FRANCISCO. — W. J. Tobin, 3701 Balfour Bldg., Oakland, at $44,361.80 awarded contract by the Public Utilities Commission, City Hall, under W. D. Spec. No. 55, for laying 12- and 16-in. cast iron feeder mains in the northwest and southwest sections of San Francisco.

BIDS WANTED

DENVER, Colo.—Until January 16, 10 A. M., bids will be received by the Board of Water Commissioners, City and County of Denver, Colo., for enlarging and lining the Moffatt Water Tunnel, Intake Shaft and Wye, the construction of the intake works at West Portal, the outlet works at East Portal, and appurtenances thereto. Said Moffatt water tunnel is located in Gilpin and Grand Counties, Colo., and parallels the Moffatt Railroad tunnell on the Denver and Salt Lake City Railroad fifty miles west of Denver. Railroad sidings for unloading supplies will be available at both East and West Portal. Highways lead to both portals of the tunnel, West Portal being on Victory Highway, U. S. 40.

The work to be done will include, among other items, approximately 37,000 c.y. of concrete lining 860 c.y. of concrete in intake and outlet works; 7,000,000 lbs. of reinforced steel, and 105,000 lbs. of welded steel plate lining. There will be approximately [illegible] 000 c.y. of excavation in enlarging the tunnel and 5,300 c.y. of excavation for intake and outlet structures.

BONDS SOLD

OGDEN, Utah.—The City Commission has completed sale of $[illegible] bond issue to finance construction of municipal water system. Project has been allotted PWA grant of $[illegible] City Engineer Claude Coray authorized to engage surveyors and engineers to complete plans.

35— TUNNELS

BIDS WANTED

SAN FRANCISCO.—Until January 9, 12 Noon, bids will be received by H. P. Lamb, Secretary, Park Commissioners, Park Lodge, Golden Gate Park, for improvements to McCoppin Square, 22nd Avenue and Taraval St. Work involves:

(1) Resurfacing tennis courts.

(2) Fencing.

(3) Baseball back stop.

Plans prepared by Architect Lewis P. Hobart, 525 Market St., San Francisco. Plans and specifications may be obtained from the Park Lodge. No deposit required.

(5798) 34

CONTRACT AWARDED

MERCED, Cal.—California Nurseey Co., Niles, at $757 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Merced.

29—STREETS AND HIGHWAYS

BIDS WANTED.

GRAND COULEE DAM, Wash.—Until January 5, 10 A. M., bids will be received by the Bureau of Reclamation, Almira, Wash., under Spec. No. 649-D, for th removal of a slide on the highway and construction railroad, Station 1090 to Station 1101, at Grand Coulee Dam, Columbia Basin Prjoect, Wash., about 22 miles northwest of Almira.

The work involves:

(1) 374,000 c.y. common excavation;

(2) 11,400 c.y. rock excavation;

(3) 8,650,000 station c.y. of overhaul.

Plans and specifications obtainable from the Bureau of Reclamation at Almira, Wash., or Denver, Colorado, without charge to prospective bidders; to others, $0.25 not returnable.

BIDS WANTED

SAN MARINO, Cal.—Until January 9, 8 P. M., bids will be received by H. W. Joyce, San Marino, City Clerk, for improving a portion of San Gabriel Blvd., between Duarte Road and South Gainsborough Road, San Marino. The work involves:

(1) 5020 cu. yds. grading, lump sum;

(2) 1683 lin. ft. concrete curb;

(3) 5041 sq. ft. concrete gutter;

(4) 1427 sq. ft. 6-in. asphalt concrete paving along railroad crossing;

(5) 30,465 sq. ft. 7-in. asphalt conc paving

(5a) (Alt.) 30,465 sq. ft. asph. concrete paving, 6-in. thick;

(6) 59,370 sq. ft. cold rock and oil surfacing;

(6a) (Alt.) 59,370 sq. ft. hot rock and oil surfacing;

(7) Lump sum, storm drain.

Plans and specifications may be obtained at the office of Wm. Chalmers, City Engineer, 35 S. Raymond Ave., Pasadena. Each bid must be accompanied by a certified or cashier's check or bond for 10%.

BIDS OPENED

LOS ANGELES, Cal.—Chas. Booth, 5922½ Estrella Ave., Los Angeles, at

$3949.23 submitted low bid to the Los Angeles Board of Bublic Works, December 26, for improving Canyon Drive, from Bronson Ave. to Foothill Blvd., under cash contract.

George R. Curtis Paving Co., Los Angeles, at $3953.61; and Tomei Construction Co., Culver City, at $4032.20 submitted second and third low bids, respectively.

BIDS WANTED

LAKE COUNTY, Cal.—Until Jan. 23, 2 P. M., bids will be received by the State highway commission, Sacramento, for about 2.5 miles to be graded and surfaced with untreated gravel and seal coat applied, in Lake County between one mile east of Upper Lake and Manila Ranch.

The w ork involves:

(1) 20 acres clear and grub right of way;
(2) 79,000 c.y. rdwy. excav., unclass.
(3) 530,000 sta. yd s. overhaul;
(4) 2,200 struc. excavation;
(5) 12 each spillway assemblies;
(6) 200 l.f. 8 -in. CMP;
(7) 900 l.f. 18-in. CMP;
(8) 1,000 l.f. 2 4-in. CMP;
(9) 120 l.f. 30-in. CMP;
(10) 110 l.f. 36-in. CMP;
(11) 50 l.f. 42-in. CMP;
(12) 62 l.f. 48-in. CMP;
(13) 1,000 l.f. 8-in. perforated metal pipe underdrains;
(14) 9 MFBM redwood timber dense select all heart structural grade (cattle passes);
(15) 27 MFBM redwood timber select all-heart struct. grade (cattle passes);
(16) 23,500 tons creek run gravel base;
(17) 7,700 tons screened gravel surf.;
(18) 130 tons fuel oil prime coat;
(19) 55 tons fuel oil seal coat;
(20) 165 tons screenings seal coat;
(21) 2,400 M. gals. water;
(22) 1.6 miles new property fence;
(23) 0.9 mile special property fence;
(24) 12 each fence gates complete in place.
(25) 75 each timber guide posts;
(26) 40 each culvert markers;
(27) 90 c.y. rubble masonry;
(28) 133 stations finishing rdwy.;
(29) 35 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the offices of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

LOS ANGELES, Cal.—Until January 31, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for grading and paving with asphalt concrete or Portland cement concrete about 3.7 miles between State Street and Los Angeles Street in the City of Los Angeles. The work involves:

(1) 196 sta. clearing and grubbing right-of-way;
(2) 41,000 cu. yds. roadway excavation, unclassified;
(3) 345,000 sta. yds. overhaul;
(4) 24,160 tons selected material;
(5) 550 cu. yds. structure excav.;
(6) 43,00 sq. yds. subgrade preparation;
(7) 125 cu. yds. Class A Portland cement conc. in structures;
(8) 16,000 lbs. reinf. steel in struc.;
(9) 560 M gallons water;
(10) 160 tons crushed gravel or stone bituminous treated surfacing;
(11) 8 tons cut back asphalt bituminous treated surfacing;
(12) 355 tons fuel oil;
(13) 43,500 sq. yds. preparing, mixing and shaping shoulders;
(14) 55 tons asphaltic road oil seal coat;
(15) 550 tons screenings seal coat;
(16) 2 each culvert markers;
(17) 196 stations finishing roadway;
(18) 42 each monuments complete in place;

ALTERNATIVE A

(19) 18,360 tons asphalt concrete;

ALTERNATIVE B

(20) 8100 cu. yds. Class A Portland cement concrete pavement;
(21) 22,000 lbs. bar reinforcing steel in pavement;
(22) 11,760 each pavement dowels;
(23) 28 tons fuel oil subgrade treatment;
(24) 3 tons Grade E asphalt subgrade treatment.

NOTE:—Alternative A sets forth the necessary items for the construction of the pavement with asphalt concrete. Alternative B sets forth the necessary items for the construction of the pavement with Portland cement concrete. The contract may be awarded on the basis of constructing the pavement of either type at the option of the Department of Public Works.

BIDS WANTED.

RIVERSIDE COUNTY, Cal.—Until January 31, 2 P. M., as previously reported, bids will be received by the State ighway Engineer, State Bldg., Los Angeles, for about 16.8 miles to be graded and portions paved with Portland cement concrete, and portions surfaced with oil treated crushed gravel or stone (plant mix) in Riverside County between one mile east of Beaumont and Whitewater.

(1) 37,000 c.y. rdwy. excav., unclass.
(2) 1,600,000 sta. yds. overhaul;
(3) 1,560 c.y. structure excavation;
(4) 6,300 sq. yds. subgrade for pave.
(5) 1,180 c.y. Class A Portland cement concrete (pavement widening);
(6) 5,900 c.y. do (pavement widening)
(7) 166 c.y. do (structure);
(8) 25,000 lbs. bar reinforcing steel (pavement and structures);
(9) 3,000 each pavement dowels;
(10) 252 l.f. 18-in. CMP;
(11) 1,062 l.f. 24-in. CMP;
(12) 28 l.f. 30-in. CMP;
(13) 280 l.f. 36-in. CMP;
(14) 156 l.f. 48-in. CMP;
(15) 1,010 c.y. remove and dispose of concrete;
(16) 1,040 l.f. furnish redwood piles;
(17) 52 each driving do;
(18) 21 MFBM redwood timber dense select all-heart struc. grade;
(19) 13 MFBM do, select all heart do;
(20) 3,490 tons crushed gravel or stone (plant mixed surfacing);
(21) 150 tons fuel oil (plant mix surfacing);
(22) 1,510 tons fuel oil shoulders;
(23) 148,000 sq. yds. mixing and shaping shoulders;
(24) 154 tons asphalt road oil (seal coat);
(25) 1,260 c.y. screenings (seal coat);
(26) 2,900 sq yds. asph. paint binder;
(27) 6.7 miles new property fence;
(28) 25 each fence gates;
(29) 710 l.f. laminated timber guard rail;
(30) 85 each timber guide posts;
(31) 855 stations finishing roadway;
(32) 215 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED.

VENTURA COUNTY, Calif.—Until January 24, 2 P. M., as previously reported, bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles to be graded and paved with asphalt concrete in Ventura County between Sea Cliff and Benham.

(1) 192 sta. clear and grub right of way;
(2) 60,000 c.y. rdwy. excav., unclass.;
(3) 78,000 c.y. overhaul;
(4) 2,400 c.y. structure excavation;
(5) 18,100 sq. yds. subgrade preparation;
(6) 24,300 sq. yds. asph. paint binder
(7) 14,200 tons asphalt concrete;
(8) 230 c.y. Class A Portland cement concrete (pavement);
(9) 390 c.y. do (structures);
(10) 49,000 lbs. bar reinf. steel (pavement and structures);
(11) 440 each pavement dowels;
(12) 2,300 lbs. misc. iron and steel;
(13) 2 each spillway assemblies;
(14) 8 l.f. 8-in. CMP;
(15) 16 l.f. 15-in. CMP;
(16) 100 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 30 l.f. 30-in. CMP;
(19) 30 l.f. 36-in. CMP;
(20) 100 c.y. concrete, removed and disposed of;
(21) 2,050 l.f. solid timber guard rail;
(22) 0.8 mile new property fence;
(23) 2.2 miles moving and resetting property fences;
(24) 7 each fence gates complete in place.
(25) 1,823,000 lbs. furnish steel sheet piles including test piles;
(26) 2,147 each driving do;
(27) 66.5 MFBM creosoted Douglas fir timber sea wall and groynes;
(28) 215 c.y. Class A Portland cement concrete do;
(29) 12,000 lbs. bar reinf. steel do;
(30) 304,000 lbs. structural steel do;
(31) 145,000 lbs. structural metal do;
(32) 1 lot treating steel and piles;
(33) 800 M. gals water;
(34) 275 tons fuel oil;
(35) 33,800 sq. yds. prepare, mix and shape shoulders;
(36) 45 each culvert markers;
(37) 192 stations finishing roadway;
(38) 50 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work not advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Los Angeles on January 17, 1935:

XI-Riv-64-B between 4 miles west of Shavers and Shavers Summit: PLANS, 27; sheets $2.70; CROSS-SECTIONS: 80 sheets, $8; TOTAL, $10.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

A representative of the District Office will accompany prospective bidders over the proposed project in Riverside County, between 4 miles west of Shavers Summit and Shavers Summit. Said representative will meet prospective bidders at Indio Maintenance Station, Indio, on Friday, January 4 and 11, 1935, at 8 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above dates.

BIDS WANTED

MADERA CO., Cal. Until January 30, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.5 miles to be graded and paved with asphalt concrete in the city of Madera.

The work involves:
(1) 14 each trees, removed and disposed of;
(2) 1,400 c.y. rdwy. excav., unclass.;
(3) 1,500 stn. yds. overhaul;
(4) 2,300 c.y. imported borrow;
(5) 825 c.y. structure excavation;
(6) 10,450 sq. yds. subgrade for pavement;
(7) 8,800 sq. yds. asph. paint binder;
(8) 6,525 tons asphalt concrete;
(9) 12,000 cq. yds. planing existing pavement;
(10) 20 tons emulsified asph. road oil;
(11) 250 tons screenings;
(12) 1,230 tons crushed gravel or stone borders;
(13) 200 tons fuel oil;
(14) 10,800 sq. yds. mixing fuel oil and earth material;
(15) 216 c.y. Class A Portland cem. concrete (structures);
(16) 350 c.y. Class A do (curbs and gutters);
(17) 6 c.y. do (railing);
(18) 27,100 lbs. bar reinf. steel;
(19) 250 M. gals. water;
(20) 120 c.y. existing concrete, removed and disposed of;
(21) 60 c.y. concrete removed from existing bridge;
(22) 218 l.f. 18-in. CMP;
(23) 16 each cast steel frames and covers for drop inlets;
(24) 3 ea. manholes adjusted to grade;
(25) 1 lot moving in and out well drilling equipment;
(26) 1,800 l.f. drilling drainage well;
(27) 1,200 l.f. casing for do;
(28) 15 each shoes for casing;
(29) 78 stations finishing roadway;
(30) 3 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED.

MADERA CO., Cal.—Until January 23, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.7 miles to be graded in Madera County between Coarse Gold and Hawkins School.

The work involves:
(1) clear and grub right of way;
(2) 140,000 c.y. rdwy. excav., unclass.
(3) 280,000 sta. yds. overhaul;
(4) 2,965 c.y. structure excavation;
(5) 722 c.y. Class A Portland cement concrete (structures);
(6) 52 c.y. Class B do;
(7) 81,200 lbs. bar reinf. steel (do);
(8) 270 l.f. 8-in. CMP;
(9) 1,442 l.f. 18-in. CMP;
(10) 1056 l.f. 24-in. CMP;
(11) 316 l.f. 30-in. CMP;
(12) 104 l.f. 36-in. CMP;
(13) 23 each spillway assemblies complete in place;
(14) 2 each cast steel grates & frames
(15) 550 each timber guide posts;
(16) 60 each culvert markers
(17) 7 miles new property fence;
(18) 18 each fence gates;
(19) 5,640 M. gals. water;
(20) 9 MFBM dense select all-heart structural grade redwood timber;
(21) 22 MFBM select all heart do;
(22) 195 stations finishing roadway;
(23) 104 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until January 28, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles for constructing approximately 16.3 miles of the Whipple Mountain patrol road and approximately 1.4 miles of stub roads adjacent thereto, along the proposed route of the 250-kv transmission line for the Colorado River Aqueduct, Spec. No. 85. The proposed patrol road is located in San Bernardino County. The work has been divided into three road groups as follows:

(Group No.) 1, (Station to Station) F 31 plus 07 to 588 plus 00; F 957 plus 50 to 980 plus 00; (Lengh in Miles) 9.8.

No. 2, 558 plus 00 to F 957 plus 50; 980 plus 00 to 1159 plus 95.22; 6.5 mi

No. 3, all stub roads, 1.4 miles.

The work involves:
(1) 72,500 c.y. unclass. excav., Group 1;
(2) 14,500 c.y. do, Group 2;
(3) 3,000 c.y. do, Group 3;
(4) 10,000 sta. yds. excav., overhaul;
(5) 300 c.y. structure excav., unclass.
(6) 100 c.y. concrete, retaining wall;
(7) 70 c.y. dry rubble, do;
(8) 30 c.y. riprap, do;
(9) 1500 sq. ft. cribbing, upper 6-ft. 6-in. of wall;
(10) 500 sq. ft. cribbing, wall below 6-ft. 6-in. from top stretcher to maximum of 13-ft. 6-in. below top stretcher;
(11) 1500 c.y. dumped riprap.
(12) 90 l.f. furnish and place 18-in. corrugated pipe culvert;
(13) 70 l.f. furnish and place 24-in. do
(14) 36 l.f. furnish and place 30-in. do.

Two inspection trips for the convenience of prospective bidders have been scheduled. The party will meet at Division No. 1 headquarters at 8 A. M., on January 9 and 16. R. C. Booth is Division Engineer for the Metropolitan Water District.

Plans and specifications may be obtained at the District Engineering office, 1007, 306 W. Third Street, Los Angeles, upon payment of $4 per set, not returnable. Certified or cashier's check, $5,000. F. E. Weymouth, General Manager and Chief Engineer.

BIDS WANTED

SHASTA CO., Cal.—Until January 30, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.9 mile to be graded and paved at the north entrance to the city of Redding, Shasta County.

The work involves:
(1) 6.4 acres clearing and grubbing of right of way;
(2) 142,500 c.y. rdwy. excav., unclass.
(3) 3,560,000 sta. yds. overhaul;
(4) 1,250 c.y. structure excavation:
(5) 5,400 sq. yds. preparing subgrade for Portland cement or asphalt concrete pavement;
(6) 3,030 c.y. crusher run base;
(7) 17 tons fuel oil prime coat;
(8) 1,300 c.y. crushed gravel or stone (bit. treated surfacing);
(9) 112 tons cutback asphalt, do;
(10) 220 c.y. Class A Portland cement concrete (curbs, gutters, walks)
(11) 600 c.y. do (slope paving);
(12) 434 c.y. do (structures);
(13) 24,400 lbs. bar reinforcing steel (structures);
(14) 24,600 lbs. mesh reinforcing steel (slope paving);
(15) 91,000 lbs. struc. steel, erection only;
(16) 4,700 lbs. bridge pipe handrail, erection only;
(17) 128 l.f. retaining wall pipe handrail, furnish and erect;
(18) 1 lot bridge lighting equipment, erection only;
(19) 424 l.f. 18-in. CMP;
(20) 214 l.f. 24-in. CMP ;
(21) 4 each cast steel frames and covers for drop inlets,
(22) 320 c.y. removing asph. concrete.
(23) 185 c.y. removing Portland cement concrete;
(24) 60 c.y. rubble masonry;
(25) 8 each culvert markers;
(26) 1,700 M. gals. water;
(27) 45 stations finishing roadway.
(28) 19 each monuments complete in place;

Alternative Pavement Items

Alternative A

(29) 2,176 tons asphalt conc. pave.

Alternative B

(30) 1,005 c.y. Class A Portland cem. concrete pavement;
(31) 1,400 lbs. bar reinf. steel pave ;
(32) 714 each pavement dowels complete in place.

NOTE: Alternatives A and B are the necessary items for paving from Station 8 plus 44.45 to Station 15 plus 74 and at Riverside Drive and Trinity Street connection. The contract may be awarded on the basis of paving the said portions with either asphalt concrete or Portland cement concrete at the option of the Director of Public Works.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

ARIZONA STATE. — Until January 15, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for construction on the Douglas - Safford Highway, NRS 114. The work, which is located approximately 35 miles south of Safford on the Douglas-Safford road near the junction with the Bowie road, consists of the grading and draining of about 1½ miles of roadway.

The work involves:
(1) 17,100 c.y. roadway excavation;
(2) 300 c.y. structural excavation;
(3) 500 c.y. borrow excavation;
(4) 2,200 c.y. drainage excavation;
(5) 83 c.y. concrete;
(6) 6,000 lbs. reinforcing steel;
(7) 416 l.f. CPM, various sizes;
(8) 100 M. gals. srinkling;
(9) 50 hours rolling;
(10) 39 MBM treated timber;
(11) 2 MBM untreated timber;
(12) 960 l.f. treated timber piles;
(13) 50 l.f. pile cutoff;
(14) 760 l.f. type A bank protection;
(15) 290 sq. yds. oil mix;
(16) 650 gals. cutback asphalt.

Alternate: 44 MBM redwood timber.

Plans and specifications obtainable from the above office. T. S. O'Connell State Highway Engineer.

CONTRACT AWARDED

DOUGLAS COUNTY, Nev. — Fredrickson & Watson Construction Co., 873 Eigty-first Avenue, Oakland, at $59,918.84 awarded cntract by Nevada State Highway Directors, Carson City, for grading, surfacing and erecting a timber bridge in Douglas County from four miles south of Minden to State Line, a length of 3.86 miles, U.S.P.W. Project NRS 122-B Second low bid submitted by Nevada Rock and Sand Co., Reno, $66,773.26.

CONTRACT AWARDED

CHURCHILL COUNATY, Nevada—Peninsula Paving Company, 9 Main St., San Francisco, at $42,164.50 awarded contract by the Nevada State Highway Directors, Carson City, for reconstructing .85 miles of existing highway in Fallon, Route 2, Section B1, U.S.P.W. Project NRM 49, including curb and gutter, waterbound base course, retread surface, etc. Second low bid submittd by Silver State Construction Co., Fallon, $42,336.25.

UNIT BID SUMMARY

Compiled from the Daily News Service of Pacific Constructor

COMPLETE BID LISTING.

MOHAVE COUNTY, Ariz.—K. DeWitt, Mesa, at $16,872.66, as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, December 27, for construction on the Ashfork-Kingman Highway, NRM 80-G, AFE 6626. The work, which is to begin at Kingman and extend northeasterly approximately 23.6 miles to within two miles of Hackberry, consists of the furnishing, hauling and placing of base course.

The work involves:

(1) 24,700 c.y. aggregate base course;
(2) 89,100 c.y. mi. do haul.

Bidders follow:

(A) K. Dewitt, Mesa.
(B) R. C. Tanner & W. E. Hall Co., Phoenix.
(C) N. G. Hill & Co., Phoenix.
(D) Heuser & Garnett, Glendale, Calif.
(E) Lee Moor Const. Co., El Paso.
(F) Hodgman & MacVicar, Pasadena, Calif.
(G) Skousen Bros., Albuquerque.
(H) Pleasant - Hasler Const. Co., Phoenix.
(I) Phoenix-Tempe Stone Co., Phoenix.
(J) Pearson & Dickerson, Prescott.

Unit and total bids follow:

	(1)	(2)	Total
(A)	$0.359	$0.09	$16,872.66
(B)	.51	.07	18,813.70
(C)	.44	.09	18,869.96
(D)	.44	.09	18,869.96
(E)	.4775	.10	20,685.80
(F)	.52	.09	20,842.60
(G)	.54	.085	20,890.18
(H)	.53	.09	21,089.18
(I)	.55	.085	21,186.76
(J)	.595	.08	21,800.79

COMPLETE BID LISTING.

PIMA COUNTY, Ariz.—White & Miller, Box 350, Tucson, at $36,196.40, as previously reported, submitted the low bid to Arizona State Highway Commission, Phoenix, December 27, for highway construction on the Tucson-Nogales Highway, NRH 29, AFE 8930. The work, which is to begin at the south city limits of Tucson and extend south about 1.2 miles, consists of widening and resurfacing the existing concrete pavement with cutback asphaltic plant mix.

Total bids follow:

(A) White & Miller, Tucson, $36,916.40
(B) Borderland Const. Co., Tucson, $39,248.50.
(C) Phoenix-Tempe Stone Co., Phoenix, $42,355.60.
(D) R. C. Tanner and W. E. Hall Co., Phoenix, $47,520.25.

Unit quantities follow:

(1) 192 c.y. roadway excav., unclass.;
(2) 2300 c.y. imported borrow, CIP;
(3) 64 M. gals. sprinkling CIP;
(4) 90 hours rolling;
(5) 11,640 l.f. combined curb and gutter, Type A;
(6) 11,640 l.f. formation and finishing shoulders;
(7) 9 each concrete catchbasins (CIP includ. excavation and cement)
(8) 80 l.f. 18-in. CMP (CIP including bands);
(9) 9 each resetting manhole covers to grade;
(10) 22,170 sq. yds. scarifying and reshaping road surface;
(11) 236 tons cutback asph. (CIP in mixer);
(12) 2511 tons 2-in. plant mix (BC (C I P, including intersection);
(13) 1904 tons 1-in. special plant mix (top course) (CIP, including intersection);
(14) 272 c.y. screenings, CIP;
(15) 500 c.y. stockpiled aggregate CIP.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ .90	$ .60	$ 1.15	$ 1.00
(2)	.60	.60	.50	.90
(3)	2.20	2.50	2.50	3.00
(4)	3.00	2.50	3.50	3.00
(5)	.89	1.00	1.10	1.40
(6)	.03	.03	.15	.04
(7)	58.00	75.00	32.00	90.00
(8)	3.65	3.00	2.50	4.00
(9)	10.00	10.00	10.00	20.00
(10)	.03	.03	.04	.04
(11)	29.00	25.00	27.00	33.00
(12)	2.70	3.00	3.00	3.35
(13)	3.55	4.00	4.00	3.30
(14)	4.75	5.00	4.50	4.50
(15)	2.00	2.60	3.50	3.50

LOS ANGELES — 1.5 Miles Grade and Pave — (State)

LOS ANGELES COUNTY, Calif.—Griffith Company, 502 Los Angeles Railway Bldg., Los Angeles, at $35,454.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, December 27, for 1.5 miles of grading and paving with asphalt concrete in Monterey Park, Los Angeles County, between Atlantic Blvd. and New Ave.

The work involves:

(1) 78 sta. clear and grub R/W;
(2) 7600 cu. yds. roadway excavation unclass.;
(3) 200 cu. yds. struc. excavation;
(4) 7000 sq. yds. subgrade for pave.;
(5) 14,200 sq. yds. asphaltic paint binder;
(6) 5800 tons asphalt concrete;
(7) 805 cu. yds. Class A Portland cem. conc. (curbs, gutters, sidewalks and driveways);
(8) 25 cu. yds. Class A do (struc.);
(9) 800 lbs. bar rein. steel (struct.);
(10) 2500 lbs. miscellaneous iron and steel structures;
(11) 60 lin. ft. 12-in. standard reinf. concrete pipe;
(12) 60 lin. ft. 18-in. C.M.P.;
(13) 120 lin. ft. 36-in. x 6-in. base part circle C.M.P.;
(14) 16 each raising manholes, complete in place;
(15) 170 cu. yds. concrete removed & disposed of;
(16) 405 tons crushed gravel or stone bituminous treated surfacing;
(17) 22 tons cutback asphalt bituminous treated surfacing;
(18) 125 tons fuel oil;
(19) 15,000 sq. yds. preparing, mixing and shaping shoulders;
(20) 20 tons asphaltic road oil;
(21) 200 tons screenings;
(22) 79 stations finishing roadway.

Total bids follow:

(A) Griffith Co., Los Angeles, $35,454.50.
(B) George R. Curtis Paving Co., Los Angeles, $35,493.20.
(C) J. L. McClain, Los Angeles, $36,132.75.
(D) C. O. Sparks, Los Angeles, $37,691.50.
(E) Oswald Bros., Los Angeles, $38,482.00.
(F) Los Angeles Paving Co., $40,813.
(G) Southern California Roads Co., Los Angeles, $43,765.25.
(H) P. J. Akmadzich, Los Angeles, $44,127.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3.00	$ 4.85	$ 8.00	$ 5.00	$ 4.00	$10.00	$ 5.00	$ 5.00
(2)	.40	.37	.36	.35	.46	.70	.50	.45
(3)	1.00	.73	1.00	.75	1.00	2.00	1.00	1.50
(4)	.10	.11	.10	.12	.09	.13	.11	.15
(5)	.02	.02	.015	.02	.02	.04	.02	.025
(6)	2.70	2.78	3.00	2.80	3.00	2.85	3.60	3.60
(7)	11.00	10.35	10.00	13.00	12.00	12.00	12.75	10.50
(8)	20.00	20.50	16.00	20.00	24.00	20.00	20.00	25.00
(9)	.05	.05	.0625	.15	.06	.05	.06	.10
(10)	.13	.15	.20	.16	.17	.15	.20	.15
(11)	2.00	2.19	2.50	2.00	2.10	2.50	2.50	1.30
(12)	1.45	2.75	1.75	2.00	1.60	2.25	1.60	1.70
(13)	2.25	2.15	2.00	2.25	2.15	3.25	2.50	5.00
(14)	10.00	18.00	10.00	10.00	7.50	10.00	8.00	15.00
(15)	3.00	2.42	1.75	3.50	3.00	3.00	3.00	3.00
(16)	2.00	1.77	2.70	1.90	2.40	2.00	2.20	2.50
(17)	12.00	14.50	20.00	14.00	17.00	15.00	15.00	20.00
(18)	8.00	9.60	8.75	10.00	9.60	10.00	9.50	15.00
(19)	.045	.07	.045	.05	.04	.06	.06	.10
(20)	16.00	17.30	18.00	20.00	19.00	12.00	20.00	30.00
(21)	6.00	2.23	2.00	2.50	2.75	2.25	3.00	5.00
(22)	2.50	4.85	3.00	5.00	3.00	5.00	8.00	3.00

BIDS WANTED

SAN FRANCISCO — Until January 19,, 9 A. M., bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., Frank G. White, Engineer, for paving Pier No. 42. The work involves:

(1) 450 tons Topeka wearing surface;
(2) 150 tons bituminous base.

Specifications obtainable from the above office upon deposit of $10.

BIDS REJECTED

LOS ANGELES, Cal.—All bids received by the Los Angeles Board of Public Works, May 31, 1934, for the improvement of El Modena Ave., bet. Figueroa St. and Colorado Blvd., were rejected January 2.

Griffith Co., 502 Los Angeles Railway Bldg., submitted the low bid at that time at $50,758.85.

Complete bids published June 1, 1934.

AMADOR COUNTY—1.5 Mi. Grade and Surface—(State)

AMADOR CO., Cal. J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $16,450.80 submitted low bid to the State Highway Commission, Sacramento, for about 1.5 miles of grading and surfacing with bituminous treated crushed gravel or stone, road mixed, in Amador County, between Martell and Jackson.

The work involves:

(1) 21 each trees, removed and disposed of;
(2) 34,000 cu. yds. rdwy. excav. unclass.;
(3) 110,000 sta. yds. overhaul;
(4) 8000 cu. yds. imported borrow;
(5) 2000 cu. yds. structure excav.;
(6) 5 cu. yds. concrete, removed and disposed of;
(7) 60 cu. yds. Class A Portland cement concrete (structures);
(8) 1600 lbs. bar reinf. steel (structures);
(9) 920 cu. yds. salvaged surfacing;
(10) 430 lin. ft. 8-in. C.M.P.;
(11) 1018 lin. ft. 18-in. C.M.P;
(12) 58 lin. ft. 30-in. C.M.P.;
(13) 136 lin. ft. 30-in. C.M.P., close riveted and soldered;
(14) 742 lin ft. culverts, remove and salvage;
(15) 8 each conc. joints, pipe culverts
(16) 2 each cast steel frames and covers for drop inlets;
(17) 1080 M. gals. water;
(18) 3850 cu. yds. untreated crushed gravel or stone base;
(19) 2350 cu. yds. crushed gravel or stone (bituminous treated surfacing);
(20) 165 tons cutback asphalt (do);
(21) 1.55 mi. mixing cutback asphalt and crushed gravel or stone;
(22) 55 cu. yds. rubble masonry;
(23) 21 tons fuel oil;
(24) 850 lin. ft. laminated timber guardrail;
(25) 2.55 mi. new property fence;
(26) 20 each fence gates, complete in place;
(27) 80 stations finishing roadway;
(28) 43 each monuments complete in place.

Total bids follow:

(A) J. R. Reeves, Sacramento, $46,-450.80.
(B) T. M. Morgan Paving Co., Los Angeles, $46,508.00.
(C) Tiffany Const. Co., San Jose, $47,-669.55.
(D) Fredrickson & Watson and Fredrickson Bros., Oakland, $48,191.00.
(E) A. Teichert & Son, Sacramento, $49,162.40.
(F) C. W. Caletti & Co., San Rafael, $51,747.00.
(G) Hemstreet & Bell, Marysville, $66-851.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 10.00	$ 8.00	$ 12.00	$ 5.00	$ 15.00	$ 10.00	$ 10.00
(2)	.33	.35	.43	.40	.47	.46	.86
(3)	.01	.005	.005	.005	.01	.005	.01
(4)	.25	.25	.18	.26	.30	.15	.35
(5)	1.00	1.00	1.25	1.00	1.50	1.25	1.50
(6)	4.00	5.00	13.00	5.00	5.00	6.00	10.00
(7)	26.00	25.00	25.00	26.00	22.50	22.00	30.00
(8)	.06	.07	.066	.07	.05	.07	.08
(9)	1.35	1.00	.70	.60	.85	1.90	1.10
(10)	1.25	1.25	1.10	1.00	.90	1.10	.99
(11)	2.10	2.00	1.50	1.75	1.80	1.75	1.85
(12)	3.50	4.00	3.50	3.50	3.75	3.75	3.50
(13)	4.00	5.00	5.00	4.50	4.25	5.00	5.50
(14)	.25	.50	.50	.50	.50	.50	.50
(15)	10.00	15.00	17.00	15.00	15.00	20.00	20.00
(16)	35.00	40.00	25.00	25.00	40.00	32.00	20.00
(17)	1.00	1.50	1.25	1.25	1.50	.50	1.50
(18)	2.20	2.10	2.10	2.35	1.65	2.50	2.20
(19)	2.20	2.10	1.80	2.25	1.60	2.40	1.80
(20)	25.00	22.00	23.00	22.00	22.50	20.00	17.50
(21)	460.00	400.00	586.00	600.00	650.00	800.00	800.00
(22)	10.00	12.00	18.00	10.00	12.00	15.00	15.00
(23)	13.50	15.00	12.00	13.00	18.00	14.00	15.00
(24)	1.00	1.25	1.20	1.00	1.00	1.25	1.25
(25)	450.00	400.00	475.00	350.00	500.00	500.00	800.00
(26)	15.00	20.00	16.00	15.00	20.00	18.00	15.00
(27)	5.00	10.00	5.00	10.00	5.00	5.00	7.50
(28)	4.00	3.00	3.00	3.00	3.00	3.00	3.00

People who buy or build know that the Dutch Boy provides years of protection

Ask the National Lead man

NATIONAL LEAD CO.

SAN FRANCISCO - OAKLAND - LOS ANGELES - SEATTLE - PORTLAND - SPOKANE

CONTRACT AWARDED

PERSHING COUNTY, Nev.—Nevada Rock and Sand Co., 919 E. Fourth St., Reno, at $13,392, awarded contract by Nevada State Highway Directors, Carson City, for constructing curbs and gutters and surfacing with crushed gravel or stone, a length of 0.62 mile in Lovelock, Route 1, Section B, F.S.P.W. Project NRM 79-D, Pershing County. Second low bid submitted by the Union Paving Co., San Francisco, at $13,490.20.

BIDS WANTED

LOS ANGELES, Cal.—Until January 24, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile in length to be paved with asphalt concrete and Portland cement concrete in Los Angeles County between California Ave. and Colorado Avenue. The work involves:

(1) 42 sta. clear and grub R/w;
(2) 46,000 cu. yds. rdwy. excavation, unclass.;
(3) 66,000 sta. yds. overhaul;
(4) 1800 cu. yds. structure excav.;
(5) 24,500 sq. yds. subgrade preparation;
(6) 4700 sq. yds. asph. paint binder;
(7) 1420 tons asphalt concrete leveling and Type A surface course courses exclusive of central 40 ft. width;
(8) 160 tons crushed gravel or stone (bituminous treated surfacing);
(9) 10 tons cutback asphalt (do);
(10) 580 cu. yds. Class A Portland cement conc. (curbs, gutters and walyks);
(11) 20 cu. yds. Class A Portland cement concrete (structure);
(12) 600 sq. ft. gunite slope protection;
(13) 210 lbs. steel wire mesh reinforcement;
(14) 1300 lbs. bar reinf. steel (strucs.)
(15) 1400 lbs. misc. iron and steel;
(16) 140 lin. ft. pipe handrail;
(17) 130 lin. ft. 18-in. reinf. concrete pipe;
(18) 1024 lin. ft. 24-in. reinf. concrete pipe;
(19) 24 lin. ft. 36-in. rein. conc. pipe;
(20) 150 lin. ft. 24-in. C.M.P.;
(21) 15 cu. yds. concrete removed and disposed of;
(22) Removing and salvaging 30-in. C.M.P. and timber bents;
(23) Remove and salvage timber pedestrian overhead;
(24) 42 stations finishing roadway;

ALTERNATIVE ITEMS

Central 40-ft. strip, Station 38+00 to Station 79+35.

ALTERNATIVE

(25) 7700 tons asphalt concrete base leveling and Type A surface courses;

ALTERNATIVE B

(26) 3420 cu. yds, Class A Portland cement concrete pavement;
(27) 9200 lbs. bar einf. steel pave.;
(28) 5000 each pavement dowels;
(29) 11 tons fuel oil subgrade treatment;
(30) 18 tons grade E asphalt subgrade treatment;
(31) 120 cu. yds. concrete removed and disposed of, strip 1-ft. wide, Station 38 to Station 78+50.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

Section 562½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

PACIFIC CONSTRUCTOR Daily News Service

is compiled by

the oldest and most complete organization of its kind in Northern California

furnishing

Reliable and accurate reports on work planned, calls for bids, results of bid openings, and contract awards in the Engineering Construction field

COMPLETE RELIABLE
ACCURATE

PACIFIC CONSTRUCTOR

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

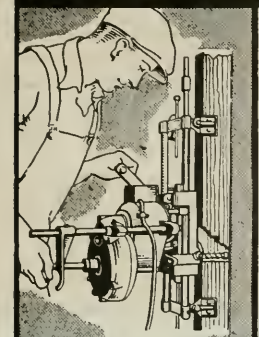
California Budgets 1935-37
Highway Fund

Western Building Permit Review

Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

WAPPAT Electric TOOLS



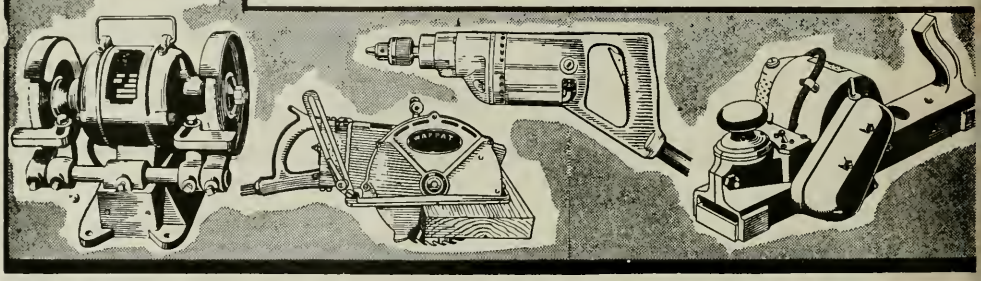
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JANUARY 12, 1935 No. 2

Highway Commission Budgets '35-'37 Funds; Bay Counties to Receive Large Allotment

Completion of a budget for expenditure of $61,285,000, estimated to be available to the California State Highway Commission in the 1935-37 biennium, was announced yesterday by State Director of Public Works Earl Lee Kelly and Governor Frank F. Merriam. The budget provides $37,807,000 for new construction, of which $26,498,980 is allocated to 181 specific projects.

Work contemplated under the new biennial budget is contingent upon receipt of the state's full share of gasoline tax income and promised federal aid, a portion of which will be lost if gasoline tax money is diverted.

Following are the revenue sources upon which the budget is predicated:

REVENUES

State's portion of gasoline tax (2c)	$46,500,000
Motor vehicle fees	5,300,000
Federal aid	9,485,000
Total	$61,285,000

Following is the allocation of funds budgeted:

BUDGET

New construction	$37,807,000
Maintenance	15,215,500
Administration, engineering	2,450,000
Allocation to cities (¼c)	5,812,500
Total	$61,285,000

The allocation to new construction includes prison labor funds, job engineering, minor improvement work which is not contracted and reserve for contingencies, which reduces the sum proposed for contract work to about $25,000,000. If the allotment to the highway division is reduced by diversion of gasoline tax money it is probable that the reduction will come in whole or principally from the new construction allocation, inasmuch as other budget items are inflexible. On the basis of the total apportionment $19,735,254 will be spent in Northern California and $18,071,746 in Southern California, in accordance with the statory distribution fixed in the Breed act.

Maintenance costs for the 14,000 miles of existing primary and secondary state road system are estimated at $15,215,500. The work financed with these funds include bridge repair and painting, slide removal, storm damage repair, re-oiling of roadway surface and shoulders, snow removal, traffic striping, repairing guard rail and installing signs and signals.

The commission has allotted $3,300,000 to construction of arterial highways leading to the bay crossing in San Francisco and Alameda counties, $1,000,000 to construction of the Waldo approach to the Golden Gate bridge and $200,000 for rerouting through San Rafael. For the Oakland to Walnut Creek reconstruction, which will form the approach to the Broadway tunnel, $325,000 is allotted and for Ashby to San Pablo construction, forming the west approach to the tunnel, $550,000 is allotted.

Following is the allocation to projects by counties:

NORTHERN CALIFORNIA

ALAMEDA COUNTY: Ashby Ave. to San Pablo Ave., $550,000. San Francisco to Oakland, $3,300,000.

BUTTE COUNTY: Jarboe Gap to Keddie (portions), $117,000. (Butte and Plumas); Jarboe Gap to Rock Creek (portions) $520,000, (Butte and Plumas); Biggs Road to Chico, $95,000. Westerly bundary to Biggs Road, $15-000.

COLUSA COUNTY: Dunnigan to Arbuckle, $180,000 (Yolo and Colusa).

CONTRA COSTA County: Oakland to Walnut Creek (portions) $325,000 See Alameda.

DEL NORTE COUNTY: 0.7 mile south State line to 0.5 miles north of Winton Corner, $140,000.

ELDORADO COUNTY: Kyburz to Strawberry, $115,000; Echo Creek and Little Truckee River, $25,000; Oglesby Canyon, $13,000.

FRESNO COUNTY: Kings River Canyon, $300,000; South limits Selma to ¾ mile north of north limits, $120,-C00; Fresno to Ashlan Ave., $275,000.

HUMBOLDT CO.: Salmon Creek to Bucksport, $165,000; Trinidad to McNeal, $125,000; City of Eureka, $60,000.

KINGS COUNTY: Hanford westerly $40,000; 1.5 miles east of Hanford to Hanford, $60,000.

(Continued on Page 6)

SEWER SYSTEM BIDS EXCEED CITY'S FUNDS

Burlingame Project Costs To Be Cut by Dropping Optional Items

With low bids on construction of the Burlingame sewer system and treatment plant apparently considerably in excess of available funds, the city council has set next Monday as the time for hearing recommendations from City Engineer Charles Thomas on possible alternatives for proceeding with such portions of the work as can be financed.

The city will have approximately $147,000 from an $85,000 bond issue, PWA grant of 30 per cent, and contribution by the city of Hillsborough which is sharing the cost However, engineering expenses of approximately 10 per cent will reduce the amount for actual construction to about $133,000.

Bids on the contract, received Monday night, were all in the vicinity of $160,000. Due to the omissions that will be necessary to reduce the cost, Mr. Thomas said it would require several days, possibly, to determine a basis for awards.

Fredrickson and Watson Const. Co., Oakland, offered the only bid for the work complete at $164,671. Robert McNair, Oakland, and H Gould, Sacramento, jointly offered a bid of $130,275 for the work complete, excepting necessary dredging and disposal of overburden. The bid of A. S. Dutra, San Francisco, for this work alone was $29,500, making a total of $159,775 for the work complete on a combination of these. The next lowest figure is a combination of the bids of Fredrickson and Watson on Schedule Four at $92,800 with that of Dutra on Schedlue Three, $29,500, and W. J. Tobin, Oakland, on Schedule Two, $44,006. The total of these is $166,306.

The city engineer is to make his report at a council meeting Monday at 8 o'clock.

GEO. PETERSEN LOW BIDDER ON HEALDSBURG JOB

Six Proposals Received For Construction of High School Addition

HEALDSBURG, Jan. 10.—George Petersen, 1841 Bancroft avenue, San Leandro, tonight submitted the low bid to the Healdsburg board of school directors at $67,990 for construction of an addition to the Healdsburg high school. Six bids were received and were taken under advisement by the board.

Following are the complete total bids

George Petersen, San Leandro, $67,990.

N. H. Sjoberg & Son, San Francisco, $75,574.

William Spivock, San Francisco, $75,773.

Monson Bros., San Francisco, $75,950.

Fred H. Betz, Sacramento, $76,-100.

H. E. Vickroy, Stockton, $78,939.

The contract is for construction of a one and two-story steel frame building with reinforced concrete wall. It is designed by Architect John I. Easterly, Healdsburg.

State Public Works Deputy Named for Southern California

Appointment of Justus F. Craemer, newspaper publisher of Orange as assistant director of public works was announced yesterday by State Director of Public Works Earl Lee Kelly.

Mr. Craemer will have headquarters in the state building, Los Angeles, and supervise the state public works program in Southern California.

In announcing the appointment, Director Kelly said Mr. Craemer's position would correspond to that of Edward J. Neron, deputy director with headquarters in Sacramento. Salary of each deputy is $5000 a year.

SAN MATEO COUNTY OFFICIALS NAMED

U. S. Marshall, former state highway engineer, has been appointed San Mateo county engineer to succeed James S. James, incumbent, who has held the position the past four years. Mr. Marshall has been a resident of Piedmont. His salary will be $4800 a year.

Stanley Kelly of Burlingame, who has been police judge in that city, has been appointed purchasing agent at $3500 salary to succeed Ernest Werder. R. D. Watson, Jr., county building inspector, will contine in his position at $3000 a year.

The appointments were made by the county board of supervision on recommendation of County Executive Walter T. Kellogg.

Plan to Advertise Bids on Berkeley Subway this Month

A contract for construction of the four-lane subway under Southern Pacific tracks at Folger avenue, Berkeley, will be the next work advertised by the San Francisco-Oakland Bay Bridge Commission, according to Chief Engineer C. H. Purcell. The structure will separate grades of the railroad and the Berkeley approach to the bay crossing. The work probably will be advertised this month, bids being received February 21.

Estimated principal items are 16,-000 yards excavation, 5,700 yards of concrete and 500,000 pounds reinforcing steel.

The next construction on the 1935 schedule for advertising is the traffic distribution structure at the east end of the recently completed fill which will carry bridge traffic over the Southern Pacific and Key system tracks. This structure will require 200,000 lineal feet timber pile; 26,000 yards concrete; 3,000,-000 pounds reinforcing steel and 2,-500,000 pounds of structural steel.

It is expected that bids will be received about March 1.

The administration building and toll plaza, which will be located on the fill at the east end of the bridge, should be advertised for bids about April 1.

The bridge lighting and other electrical work for navigation and fog signals will probably be advertised about May 1.

About June 1 the commission plans to advertise the overhead structure extending from the east end of the distribution structure to 38th and Market Streets.

These contracts will complete the vehicular portion of the bridge except for the paving of the recently completed fill along the Key Route Mole and extending north to Ashby Avenue, and the paving of the Cypress Street branch, and a short strip of paving from the east end of the Folger Avenue subway to Ninth and Ashby in Berkeley. Bids for this paving will probably be called for about the first of the year, so that it may be completed in time for the bridge opening, now scheduled in September, 1936.

Due to uncertainty over the final arrangement of interurban lines and terminal facilities in San Francisco the commission has not set a date for receiving figures on this portion of the construction. However, it is hoped to have plans ready for contract by July 1, leaving about 15 months for completion in order to coincide with the scheduled opening of the bridge to vehicular traffic in September, 1936.

Production of malleable castings during the first eleven months of 1934 totaled 336,712 net tons, as compared with 246,768 net tons during the corresponding period in 1933, according to statistics compiled by the Bureau of the Census.

DeLUCA & SON LOW BIDDER ON VISITACION WORK

Figures On Revised Specifications Bring PWA School Cost Near Estimate

DeLuca & Son, Inc., at $135,848 yesterday submitted the low bid for construction of the Visitacion Valley School under specifications which were revised to reduce the cost after bids opened December 6 were found to be in excess of available money.

On the basis of bids received yesterday the building will cost $162,-096 complete. Low bid on the mechanical and plumbing work was offered by M. J. Reeves Heating Co. at $17,850 and Central Electric Co. was low bidder for the second time on the electrical at $8398.

Bids were for completion of the reinforced concrete academic unit of 17 rooms and library Reduction in the cost was effected by elimination of the detached auditorium and general activities room and kindergarten which were included in the first proposal. Frank J. Railly submitted the low bid at $181,-231 for the general contract at the first opening. He offered to deduct $23,000 on the alternate for omitting the auditorium.

The new bids will still exceed the Department of Public Works allotment for the unit by about $3,000.

The Visitacion Valley school is the third of the buildings contemplated in the $3,000,000 PWA program on which bids have been received. It is to be located on Schwerin street, between Visitacion and Leland streets. The unit was designed by Architects Hyman & Appleton and G. Albert Lansburgh. Leland & Haley are consulting mechanical engineers and K. Theill, structural engineer.

General Contract

Complete total bids on the general contract follow:

DeLuca & Son, Inc.	$135,848
Anderson & Ringrose	140,000
O. Monson	142,410
William Spivock	142,469
MacDonald & Kahn	143,341
Leo Epp	144,677
K. E. Parker	144,835
Frank J. Reilly	146,431

Mechanical and Plumbing

Following are the complete total bids on mechanical and plumbing contract:

M. J. Reeves Heating Co.	$17,850
Scott Company	18,666
Anderson & Rowe	18,808
M. Desiano	18,921
Skelly & Kohler	18,992
James A. Nelson, Inc.	19,260

Electrical

Following are the bids received on the electrical contract:

Central Electric Company	$8,398
Strom & Smith	8,570
H. C. Reid & Co.	8,650
Chas. A. Langlais	8,655
Delatour Electric Co.	8,821

Annual Review Shows Building Contracts At Record Low Throughout West in 1934

Comparison of monthly total building permits issued in principal cities of seven Pacific Coast states in the calendar year 1934, shows an upward trend in number of permits for the last five months but no significant change in the estimated expenditure. Throughout the west building remained at the lowest levels of the depression period, the figures indicate.

The survey covers 65 cities in California, permits issued by county building departments in Los Angeles and San Mateo for the unincorporated areas, and 24 cities in five other western states. Totals are for more than 70,000 jobs and exceed $65,000,000 in value. Incomplete monthly figures for some of the smaller cities make it impossible to give an exact total for the entire area. However, the items omitted represent a very small proportion of the total.

Results of the Federal Housing Administration campaigns in stimulating small repair and alteration work are evident in August and become of increasing importance in the succeeding months of the year, as shown by the number of permits issued. October was the largest month of the year in value of work contracted, but the increase over other months is due almost wholly to letting of large public works contracts in San Francisco and Los Angeles. The next highest month total of the year was March. The gain in that month was due to letting of a $1,000,000 grain elevator contract at Vancouver, Washington.

Tables below show the comparative permit figures for the year in California and for all states:

CALIFORNIA PERMIT TOTALS

January	4698	$3,681,266
February	4115	4,659,709
March	4834	5,424,649
April	4384	4,219,081
May	4597	4,359,298
June	4385	4,368,285
July	4285	4,523,630
August	5146	4,650,178
September	5862	4,580,390
October	7361	7,644,288
November	5772	4,887,827
December	4896	4,966,465

COAST PERMIT TOTALS (7 States)

January	5447	$4,434,236
February	5122	5,442,120
March	5499	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5523	5,130,440
August	6731	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858

Los Angeles again led all cities in total building, reporting $14,591,595 for the year, below the 1933 total, however, which was $15,283,216.

San Francisco with record low permits at $7,309,635 was far behind 1933 total of $11,175,645.

WAGE DECISION VOIDS AWARDS

A supreme court decision upholding the application of state prevailing wage rates on highway construction done by municipalities with state funds has invalidated five contracts let by the city of Los Angeles aggregating $934,000. The Los Angeles Board of Public Works will readvertise the work shortly under new specifications. Following are the contracts involved:

Person & Thiele, construction of San Fernando road bridge, $33,387, and Gaffey street bridges, $152,492; Jahn & Bressi, construction of Figueroa street tunnel, $388,560; Southern California Roads Co., improvement of Sepulveda boulevard between National and Venice boulevards $86,732, and Sepulveda boulevard between Beverly boulevard and Wilshire boulevard, $273,499.

All of the contracts were awarded in May and June of last year.

Shipments of hand fire extinguishers numbered 244,611 during the first 11 months last year, as compared with 185,835 during the corresponding period in 1933, the Bureau of the Census reports.

Oakland, which ranked in third place with $2,802,134 showed a slight increase over 1933 total of $2,050,416. That city was in fifth place among municipalities reporting in 1933.

San Diego rose from eighth position in 1933 to fifth in 1934 with $2,555,714 reported. An increase was shown in the latter months of the year due in part to letting of contracts on exposition buildings.

Portland, which last year was in fourth position had dropped to sixth place, although the total work reported was nearly equal to that of 1933.

Long Beach, which in 1933 stood third in the list due to extensive earthquake damage reconstruction was in fourth place and reported a total of $2,629,670, less than half that of the previous year.

Seattle was seventh in rank and other major cities appear in the following order, Beverly Hills, Pasadena, Stockton and San Jose.

$530,000 MARINA SCHOOL CONTRACT BIDS FEBRUARY 20

Department Advertised Second Largest Unit of PWA Program

Bids for the initial contract on construction of Marina Junior High School will be received February 20, Director of Public Works Wm. H. Worden announced yesterday. Estimates on the portion of the plant for which bids are to be taken total $530,000. It is the second largest unit of the $3,000,000 PWA school building program now underway in San Francisco.

The building is to be located on Fillmore street between Bay and Chestnut. It will consit of a three-story reinforced concrete academic unit of 45 rooms and steel frame gymnasium. Auditorium and shop buildings are to be added but are not included in the present contract.

The department of public works estimates are $425,000 for the general contract; $65,000 for mechanical and plumbing; $40,000 for electrical. Bids will be received for the three contracts separately and for a single contract including general, mechanical and electrical. Plans are available from City Architect C. H. Sawyer on deposit of $50 for the general and $25 for each of the segregations.

The marina unit was designed by Architects George Kelham and W. P. Day with Leland and Haley as consulting mechanical engineers.

PWA Exception on Mad River Work Asked by Eureka

Eureka city council is making application to the Federal Public Works Administration for permission to specify a 130-hour month for labor on the Mad River water supply project on which contracts will be advertised shortly.

The application is made in conformity with the PWA regulation permitting deviaton from the usual 30-hour week requirement when the project is located at an isolated point where the labor supply is limited. Plans for the project are nearly complete and it is expected the council will authorize a call for bid this month. Clyde C. Kennedy, Call Building, San Francisco, is consulting engineer in charge.

The work will involve construction of a reinforced concrete dam on Mad River and about 20 miles of conduit to the city of Eureka. There is $1,234,000 available, a portion of which is a PWA grant.

HIGHWAY BUDGET

(Continued from Page 3)

LAKE COUNTY: Upper Lake to Rasmussen Ranch, $68,000.

LASSEN COUNTY: Fall River Mills to Hillside, $67,500 (Shasta and Lassen).

MADERA COUNTY: Kelshaw to Coarsegold, $230,000.

MARIN COUNTY: Waldo to Golden Gate Bridge, $1,000,000; through San Rafael, $200,000.

MENDOCINO COUNTY: Outlet to Ryan Creek, $196,000; Eleven Oaks Rd. to Willits, $60,000; Clow Creek and Oaks line change, $43,000.

MODOC COUNTY: Alturas to Cedarville (portions) $75,000.

MONTEREY COUNTY: Bradley to six miles south of San Ardo, Harnes Creek, $335,000; Soledad to Gonzales, $158,000; Thompson Gulch, $27,000; Southern Pacific grade separation in Salinas, $260,000; Lewis Creek to Priest Valley, $30,000; Partington's Canyon to Post's Summit, $622,000; Torre Canyon, $67,000; Post's Summit to Big Sur, $78,000; Convict Gulch, $27,000; Moleras Ranch to 1.6 miles southerly, $81,000.

NAPA COUNTY: Sears Point Road, $41,800; one mile north of Carquinez Bridge to Vallejo-Benicia road, $75,000; Vallejo-Benicia Road to Cordelia, $330,000 (Solano and Napa).

NEVADA COUNTY: Floriston to State Line, $50,000 (Nevada and Sierra).

PLUMAS COUNTY: Jarboe Gap to Keddie (portions), $117,000 (Butte and Plumas); Storrie to Belden, $155,000; Jarboe Gap to Rock Creek (portions), $520,000 (Butte and Plumas).

SACRAMENTO COUNTY: Isleton to Sacramento, $80,000; Sacramento to American River, $50,000.

SAN FRANCISCO COUNTY: San Francisco to Oakland, $3,300,000 (San Francisco and Alameda).

SAN BENITO COUNTY: Pinnacles Park to Hollister (portions) $100,000.

SAN JOAQUIN COUNTY: Potato Slough Bridge and approaches west of Terminous, $150,000.

SANTA CLARA COUNTY: Santa Clara-Alviso Road to San Jose, Guadalupe River, $425,000.

SANTA CRUZ COUNTY: Scotts Valley to one mile north of Santa Cruz $220,000.

SHASTA COUNTY: Fall River Mills to Hillside, $67,500; (Shasta & Lassen) China Gulch and Olney Creek bridges and approaches, $52,000; Near Old Shasta to Redding, $130,000; 1.5 miles east of Bella Vista to Diddy Hill (portions) $130,000.

SIERRA COUNTY: Floriston to the State Line, $50,000 (Nevada and Sierra).

SISKIYOU COUNTY: Klamath River road (portions) $100,000.

SOLANO COUNTY: Vallejo-Benicia Road to Cordelia, $330,000 (Solano and Napa); 3.5 miles north of Fairfield to 0.6 mile south of Vacaville, Alamo Creek, $200,000; in city of Benicia, $10,000.

SONOMA COUNTY: Cotati to Sebastopol, $75,000.

STANISLAUS COUNTY: Turlock to Esmar, $50,000.

SUTTER COUNTY: In Yuba City, $25,000.

TEHAMA COUNTY: Route 3 to 1.5 miles east of Dales, $175,000; Southern boundary to Red Bluff (portions) $100,000.

TRINITY COUNTY: Trinity River Road (portions) $100,000.

TUOLUMNE COUNTY: Sullivan Creek to Pooley's (portions) $100,000.

YOLO COUNTY: Dunnigan to Arbuckle, $180,000, (Yolo and Colusa); East end of Causeway to M Street subway, $170,000.

YUBA COUNTY: Morrison's Crossing to Marysville, $235,000; Downieville Road (portions) $75,000.

PRISON LABOR CAMPS: $478,000.

SOUTHERN CALIFORNIA

IMPERIAL COUNTY: 3 miles west of Westmoreland to Trifolium Canal $48,000; Holtville to Brawley (portions and Alamo River bridge) $104,000; Calexico to Highline Canal, Alamo River and Highline Canal, $100,000; Brawley to Calipatria (portions), $75,000; East Herber to East Brawley (portions), $50,000.

INYO COUNTY: Big Pine to Keough Hot Springs, $150,000; Vicinity Evans Ranch, $16,000; Death Valley Junction to State Line, $9,000; 6 miles west of Darwin to Panamint Sink, $25,000; Eischbaum Toll Road, $18,900; Lake Sabarina to Bishop, $20,000; Route 23 to 20 miles north, $38,000 (Inyo and Mono).

KERN COUNTY: Los Angeles Co. line to Fort Tejon, $400,000; Famosa grade separation and approaches, $145,000; Mojave to 10 miles north, $15,000; Seivert to Bear Mountain Ranch, $45,000; Tehachapi to Mojave (portions), $125,000; 4 miles south of Shafter northerly 2.5 miles, $75,000; Kern River bridge and approaches, $75,000; 3 bridges, Oak Street Route, $30,000; 3 bridges, east of McKittrick and of Junction Route 139, $32,000; Seals to Randsburg, $8,000; Weldon to Onyx (portions) $8,000; 8 miles west Freeman to 18 miles east, $22,500.

LOS ANGELES COUNTY: Verduga Road to Flintridge Country Club, $150,000; Newhall Tunnel, $100,000; Calabasas to Conejo Grade, $200,000 (Los Angeles and Ventura); Scoville Ave. to Big Tujunga Wash, $85,000; Big Tujunga Wash, north and south channels, $90,000; Lancaster to north boundary, $50,000; Encinal Canyon to Little Sycamore, $268,000 (Los Angeles and Ventura); Arroyo Sequit and Little Sycamore Creeks, $22,000, (Los Angeles and Ventura) Santa Fe Railroad yards, grade separation in Wilmington, $475,000; Tujunga Wash, $225,000; Truman Street through San Fernando, $92,000; State Street, Lime Street to Stanley Ave., $50,000; Rts. 2, 4 and 60 in city, $132,000; Rio Hondo $135,000; Union Pacific Subway at Telegraph Road, $5,000; Cerritos Avenue, Los Angeles Street to Artesia Street, $75,000; San Gabriel River, $70,000; Red Box to Mt. Islip (portions) $300,000; Sepulveda Blvd., Culver City to Centinella Ave., $85,000; Route 170 to Route 171, through Santa Fe Springs, $100,000; Coldbrook Camp to Ranger Station, $40,000; Glendora Ave. over Walnut Creek, $10,000; Los Angeles River on Atlantic Blvd., $135,000; Rosemead Ave., Whittier Blvd. to Foothill Blvd. (portions) Rio Hondo River, $350,000; Third Street at city limits to San Gabriel Blvd., $440,000; Sepulveda Blvd. (portions) $250,000; Santa Monica Blvd., Beverly Hills to Seward, $200,000; Santa Monica Blvd., Heath to Sepulveda, $350,000; Figueroa Street (portions) $481,930; 4th Street, Indiana to Fresno, $50,000; 10th Street (portions) $250,000.

MONO COUNTY: 2.2 miles south of Rush Creek to 2.7 miles south of Mono Inn, $125,000; 4 miles to 1.3 miles south of Coleville, $34,000; Conway Summit to Bodie Rd., $53,500; Mattly Ranch to Leevining, $10,000; Bridgeport to 3 miles east of Walker River Dam, $15,000; Route 23 to Tioga Summit (portions) $15,000; Route 23 to Sonora Summit (portions) $13,000; near Coleville to State Line, $15,000; Rute 23 to 20 miles north, $38,000 (Inyo and Mono).

ORANGE COUNTY: Seal Beach to Huntington Beach, $54,000; Huntington Beach to Newport Beach, $38,000; Carolina Ave. to Yerba Linda Pacific Electric grade separation, $110,000; Manchester Ave., Anaheim to Miraflores, $48,000; Santa Ana Canyon Rd., Gypsum Creek to county line, $150,000; Southeast of Placentia, $36,000; Santa Ana River, $42,000; Santa Ana River, Bolsa Ave., $42,000.

RIVERSIDE COUNTY: North boundary to west limits of Beaumont, $77,000; Ontario to Riverside, $40,000 (San Bernardino and Riverside); County line to Avenue 62, $78,000; Box Springs to Theodore Street, $167,000; Beaumont to Bad Lands, grade separation, $73,000; Junction Routes 194 and 19 to new connection, $39,000; Santa Ana River (Prado) $21,000; San Jacinto River at Elsinore, $25,000; Temecula Creek bridge mile post 72.3, $10,000; Ehrenberg bridge, $50,850; Mecca to Route 24 (portions) $25,000; 10 miles west of Indio to Indio, $140,000; Palo Verde to Route 64, $50,000.

SAN BERNARDINO COUNTY: Ontario to Riverside, $40,000 (San Bernardino and Riverside); Santa Ana River to Redlands Mission Storm Drain, $111,000; In Barstow, $35,000; Ludlow to 20 miles east of Amboy (portions) $20,000; East limits of Colton to Waterman Ave., Santa Ana River, $330,000; Indian Creek Wash, $10,000; Dip on Verdemont Cutoff, $10,000; Pomona (Garey Ave.) to Merril Ave., $66,000; Route 43 to north of Arrowhead Dam (portions) $75,000; Mt. Anderson to Camp Seeley, $40,000.

SAN DIEGO COUNTY: Del Mar to Encinitas, Del Mar grade separation, $272,000; Oceanside to Las Flores underpass, $444,000; El Cajon Avenue, $200,000; Lake Hodges to Escondido, $85,000; San Vicente Creek, $23,000; Fauma Creek and approaches, $20,000

SAN LUIS OBISPO COUNTY: Cholame to Kern County line, $217,000; Cholame Creek, $23,000.

SANTA BARBARA COUNTY: Tajiguas Creek to Arroyo Grande and Arroyo Hondo to 1½ miles west, $137,000; Arroyo Quemado to Arroyo Hondo, $66,000; one mile north of Rincon Creek to Carpinteria, $85,000; Carpinteria Creek, $40,000; Richfield tower to Santa Maria River, $65 000; Santa Barbara Ave. to Los Olives and Alamo Pintado Creek, $141,000.

TULARE COUNTY: Yokohl to Lemon Cove, $150,000; 1 mile south to 1 mile north of Lindsey, $150,000.

VENTURA COUNTY: Conejo Grade Conejo Creek, $550,000; Big Sycamore line change and bridge, $150,000; Oxnard to Hueneme Road, $73,000; San Antonio Creek bridge and approaches, $35,000; Camarilla to Oxnard (portions), $100,000; Sespe Ranch to Fillmore and at Piru, $180,000; Somis to Saticoy, $53,000.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
11	Standard	Standard	5000
12	Leed	Owner	2000
13	Meyer	Mattock	4000
14	General	Cahill	7000
15	Tocchini	Owner	1975
16	Golden	Owner	1000
17	Lindsay	Owner	3000
18	Jeddis	Jacks	2000
19	Bosley	Hinson	2000
20	Leep	Owner	3000
21	Balovich	Owner	2000
22	Grahn	Grahn	2800

DWELLINGS
(11) W 27th AVE. 100 and 125 feet N Lawton; two 1-story and basement frame dwellings.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given. $3000 each

ALTERATIONS
(12) NO. 893 MARKET ST. Alter store.
Owner — Leed Shoe Co., 877 Market St., San Francisco.
Architect—Not Given. $2000

ALTERATIONS
(13) NO. 3456 JACKSON ST. Alter dwelling.
Owner—Mrs. Martin Meyer, % Contractor.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco. $4000

SHED
(14) NO. 2601 NEWHALL STREET (rear). One-story frame shed.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—F. H. Meyer, 525 Market St., San Francisco.
Contractor — Cahill Bros., 206 Sansome St., San Francisco. $1000

ALTERATIONS
(15) NO. 55 WASHINGTON STREET Alter general produce building.
Owner — Tocchini & Dianda, 101-112 Washington St., San Francisco.
Architect—Not Given. $1975

SILO
(16) NO. 2625 SIXTEENTH STREET Steel lime silo.
Owner — Golden Gate Atlas Material Co., Premises.
Architect—Not Given. $1000

DWELLING
(17) W THIRTY-THIRD AVE 150 N Kirkham St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(18) NO. 101 SEA CLIFF AVE. Alter dwelling.
Owner—Frank L. Jeddis, Premises.
Architect—Not Given.
Contractor—Jacks & Irvine, 74 New Montgomery St., S. F. $2000

ALTERATIONS
(19) N BROADWAY 72 W Octavia St. Alter dwelling.
Owner—W. B. Bosley, 1904 Broadway San Francisco.
Architect—Edward Seely, 255 California St., San Francisco.
Contractor—L. A. Hinson, 756 4th Ave., San Francisco. $2000

ALTERATIONS
(20) NO. 2146 SUTTER ST. Alter apartments.
Owner — Leep & Shutz, 716 Liberty Bank Bldg., San Francisco.
Architect—Edward Seely, 255 California St., S. F. $3000

RESTAURANT
(21) E MISSION 200 S PERSIA AVE. One-story frame restaurant.
Owner—Jack Balovich, 491 Edinburgh St., San Francisco.
Architect—Not Given. $2000

DWELLING
(22) W TOCOLOMA ST. 341 N Blanken St. One-story and basement frame dwelling.
Owner—William H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given.
Contractor—William H. Grahn, 2965 Mission St., San Francisco. $2800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
5	Scammell	Owner	4500
6	White	Owner	6000
7	Booker	Rich	1323
8	Pleitner	Watson	3100
9	Hiller	Cederborg	1100
10	City	Port	4300
11	East	Owner	30000
12	City	Port	2800
13	Johnson	Owner	4500
14	Schwegler	Walker	10000
15	McDonald	King	1500

DWELLING
(5) NO. 3721 ELSTON AVE., **OAKLAND.** One-story 6-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $4500

DWELLING
(6) NO. 1866 LEIMERT BLVD., **OAKLAND.** Two-story 6-room dwlg.
Owner—W. W. White, 3788 Lakeshore Ave., Oakland.
Architect—Not Given. $6000

ALTERATIONS
(7) No. 454 THORTY-SEVENTH ST. **OAKLAND.** Alterations and addition.
Owner—Herbert T. Booker, Premises.
Architect—Not Given.
Contractor—Jas. L. Rich, 556 37th St. Oakland. $1323

DWELLING
(8) 3523 HARPER AVENUE, **OAKLAND;** one-story 5-room dwelling.
Owner—H. A. Pleitner, 4021 East 14th Street, Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $3100

BARN
(9) 275 TUNNEL ROAD, **OAKLAND;** one-story barn.
Owner — Stanley Hiller, 2847 Russell Street, Berkeley.
Architect—Not Given.
Contractor—A. Cederborg, 1155 Excelsior Ave., Oakland. $1100

ADDITION
(10) OAKLAND Municipal Airport: addition to hangar.
Owner—City of Oakland, premises.
Architect—Not Given.
Contractor — Port of Oakland, Grove St., Pier. $4300

ALTERATIONS & ADDITION
(11) 512 16th STREET, **OAKLAND;** alterations and addition.
Owner and Contractor East Bay Municipal Utility Dist., 512 16th St., Oakland.
Architect Not Given. $30,000

ALTERATIONS
(12) FOOT OF WEBSTER STREET, **OAKLAND;** alterations.
Owner—City of Oakland, premises.
Architect Not Given.
Contractor—Port of Oakland, Grove Street Pier. $2,800

DWELLING
(13) NO. 4254 DETROIT AVENUE, **OAKLAND.** One-story 6-room dwelling.
Owner — O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4500

DWELLING
(11) NO. 1730 ARCH ST., **BERKELEY.** Three-story 12-room frame dwelling and garage.
Owner—K. G. Schwegler, 1203 Walnut St., Oakland.
Architect—F. T. Confer, 2812 Russell St., San Francisco.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $10,000

ADDITION
(15) NO. 3063 ADELINE ST., **BERKELEY.** Additions.
Owner—Geo. R. McDonald, Prem.
Architect—Not Given.
Contractor—Geo. F. King, 2522 College Ave., Berkeley. $1500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
2	Caswell	Raphael	4671
3	Same	Star	2418
4	Same	Alta	1374
5	Same	Higgin	4257
6	Same	Pinkerton	4671
7	Same	Fuller	1199
8	Same	Fire	1780
9	Same	Knowles	5315
10	Same	Automatic	7425
11	Associated	Bauer	4762
11	Neustadter	Steur	3000
13	Bosley	Hinson	2289

FACTORY
(2) NE HARRISON AND HAWthorne Sts. Painting for four-story reinforced concrete factory.
Owner—George W. Caswell Co., Second and Harrison Sts., S. F.
Architect—Masten, Hurd & Roeth, 233 Post St., San Francisco.
Contractor—Raphael Co., 270 Tehama St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4671
Bond, $2335. Surety, Fidelity & Deposit Co. of Maryland. Limit, time set by architect. Forfeit, none. Plans and specifications filed.

(3) CAST AND WROUGHT METAL work on above.
Contractor — Star Ornamental Iron Works, 1271 Folsom St., S. F.
Filed Dec. 27, '34. Dated Dec. 20, '34.
Payments same as above.....
TOTAL COST, $2418
Bond, $1209. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 calendar days Forfeit, none. Plans and specifications filed.

(4) COMPOSITION ROOFING AND sheet metal flashing on above.
Contractor—Alta Roofing Co., 976 Indiana St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $1374
Bond, $687. Surety, Pacific Indemnity Co., 100 Sansome St. Limit, 10 calendar days after signing contract. Forfeit, none. Plans and specifications filed.

(5) PLUMBING ON ABOVE.
Contractor—Higgins & Kraus, 741 Tehama St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $4257
Bond, $2178. Surety, Pacific Indemnity Co., 100 Sansome St.; Limit, 35 calendar days. Forfeit, none. Plans and specifications filed.

(6) HEATING ON ABOVE.
Contractor—James H. Pinkerton Co., 927 Howard St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $4671
Bond, $2198.50. Surety, Pacific Indemnity Co. Limit, 60 calendar days. Forfeit, none. Plans and specifications filed.

(7) GLASS AND GLAZING ON above.
Contractor—W. P. Fuller & Co., 301 Mission St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $1199
Bond, $599.50. Surety, Associated Indemnity Co. Limit, 7 calendar days. Forfeit, none. Plans and specifications filed.

(8) SHEET METAL WORK ON above.
Contractor—Fire Protection Products Co., 1101 16th St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $1780
Bond, $890. Surety, Pacific Indemnity Co. Limit, Time set by architect. Forfeit, none. Plans and specifications filed.

(9) FURRING, LATHING AND plastering on above.
Contractor—A. Knowles, 982 Bryant St., San Francisco.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $5315
Bond, $5315. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 calendar days. Forfeit, none. Plans and specifications filed.

(10) AUTOMATIC SPRINKLER system on above.
Contractor—Automatic Fire Protection Co, 519 California St., S. F.
Filed Dec. 27, '34. Dated Dec. 20, '34. Payments same as above.....
TOTAL COST, $7425
Bond, $3712. Surety, Continental Casualty Co., 910 So. Michigan Ave., Chicago. Limit, 45 calendar days. Forfeit, none. Plans and specifications filed.

DEMOLISH BLDG.
(11) NW POST AND MASON STS. All work for demolishing and disposing of four-story steel and concrete building.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Herman Bauer and Geo. Mendelson (as Mendelson & Bauer) 21 Morris St., San Francisco.
Filed Jan. 3, '35. Dated Dec. 15, '34.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $4762.50
Bond, $4762.50. Surety, Hartford Accident & Indemnity Co. Limit, 30 calendar days. Forfeit, none. Plans and specifications filed.

BUILDING
(11) SE HOWARD AND MOSS STS. All work on building.
Owner — B. and Usa N. Neutadter, Premises.
Architect — Albert R. Williams, 251 Post St., San Francisco.
Contractor — J. E. Steur (as Woodcraft Mfg. Co.), 45 Hallam St., San Francisco.
Filed Jan. 4, '35. Dated Dec. 26, '34.
Work ½ completed $750
Work ⅔ completed..... 750
Work completed 750
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $3000. Surety, U. S. Fidelity & Guaranty Co., 340 Pine St.; Limit, before Feb 14, 1935. Forfeit, none. Plans and specifications filed.

DWELLING
(13) N BROADWAY 72-6 W Octavia St. W 27-6xN 100 WA 192. General contract for two-story and basement frame dwelling; concrete and cement work, carpentry, mill work, roofing, hardwood floors painting, glazing, plumbing, linoleum, etc.
Owner—William B. Bosley Esq., 1908 Broadway, San Francisco.
Architect—Edward B. Seely, 255 California St., San Francisco.
Contractor—L. A. Hinson, 756 Fourth Ave., San Francisco.
Filed Jan. 8, '35. Dated Jan. 5, '35.
Exterior and interior carpentry etc., completed $858
All work completed..... 858
Usual 35 days..... 573
TOTAL COST, $2289
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1	Alaska	Monson	26310

WAREHOUSE
(1) SHIPARD of the Alaska Packers Corp., Alameda; warehouse.
Owner—Alaska Packers Corp., premises.
Consulting Engineer—Frank G. White, 2608 Woolsey St., Oakland.
Contractor—Monson Bros., 475 Sixth St., San Francisco.
Filed Jan. 5, '35. Dated, Jan. 3, '35.
Half side and roof framing in place 3,500
Balance of same..... 3,500
Corrugated iron siding & roofing on 4,500
Concrete floor placed..... 4,000
Completion 4,200
Usual 35 days 6,610
TOTAL COST, $26,310
Bond, $26,310. Sureties, Fidelity and Deposit of Maryland. Limit, 65 days. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $500; 1870 19th Ave. owner, Jennie Thompson, Prem.
SIGN, electric, $250; 5827 Geary Blvd. owner, Venice Wine Co., Prem.; contractor, Laib, 7th and Folsom.
ALTER beer parlor, $400; 850 Pacific Ave.; owner, J. Meabe, Prem.
SIGN, electric, $100; 259 Embarcadero owner, Colchester Hotel, 259 Embarcadero; contractor, Neon Sign Service, 1707 Folsom St.
ALTER dwelling, $55; 555 6th Ave.; owner, J. B. Fail, Prem.; contractor, J. N. Dunn, 2620 Anza St.
ALTER restaurant, $350; 886 Broadway; owner, A. Giovannini, 853 Broadway; contractor, Rome Carpenter Shop, 1659 Powell St.
ALTER dwelling, $900; 676 25th Ave.; owner, Mrs. C. B. Roode, Prem.
ALTER printers' building, $900; 735 Harrison St.; owner, Union Lithogarph Co., Prem.; contractor, Barrett & Hilp, 918 Harrison St.
ALTER cafe, $250; 111 Front St., owner, W. Rimsche, Prem.
SIGN, electric, $25; 704 Geary Street; owner, Oriental Floral Arts, 704 Geary; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER store, $450; 168 Third Street; owner, Mr. Walsh, 162 3rd St.; contractor, Sullivan & Co., 483 Dolores St.
SIGN, metal, $50; 1438 Bush St.; owner, Harry A. Kampf, Premises.
ALTER dwelling, $400; 3515 Mission St.; owner, C. E. Toloski, Prem.
ALTER cafe, $450; 779 Market St.; owner, E. Brodersen, Premises.
ALTER dwelling, $150; 4216 26th St.; owner, A. Stevenson, Prem.
ALTER flats, $195; 1061 Filbert St.; owner, Mrs. L. Pardini, Premises contractor, G. H. Martinelli & Co. 355 15th Ave.
ALTER apartments, $300; 3035 Webster St.; owner, Victoria Oliva, 3035 Webster St.
REPAIR fire damage to dwelling. $300; owner, O. F. Minedew, 2356 Bryant St.
ALTER dwelling, $490; 1710 Castro St.; owner, Mrs. E. Eide, Prem.; contractor, Hanson Bros., 5840 Mission St.
ALTER shop, $750; 263-65 Tehama St. owner, Justian Caire, 573 Market St.; contractor, Oscar Presco & Sons, 55 Sterling St.
ALTER laundry, $40; 653 Pacific Ave.; owner, Chang Lee, Prem.
ALTER laundry, $50; 318 Divisadero St.; owner, Soon Wo, Premises.
BILLBOARD, $6.25; N Post St. W Mason St.; owner, Foster & Kleiser Co., 1675 Eddy St.
FLUE (1) patent, $20; 1553 Alabama St.; owner, Mr. Selix, Prem.; contractor, Pyramid Furnace Co., 732 Clementina St.
ALTER hotel, $200; 825 Sutter St.; owner, Virginia Oil Land Co., 1 Montgomery St.
ALTER stores, $100; 1604 Ocean Ave.; owner, A. Morbio, 251 Kearny St.
SIGN, electric, $400; NW Post and Powell Sts.; owner, Hopkins Est. 354 Powell St.; contractor, L. M Coggins, 1128 Oak St.
SIGN, electric, $400; 1355 Van Ness; owner, James F. Waters, Prem.; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
ALTER factory, $25; 763 Fulton St.; owner, Cereal Products Refining Corp., Prem.; contractor, R. J. H. Forbes, 1067 Monadnock Bldg.
ALTER dwelling, $60; 141 Downey St. owner, Helga Miller, Prem.
ALTER stores, $600; 2124-32 Chestnut St.; owner, Mrs. L. Stamer, % Contractor; contractor, Barrett & Hilp, 918 Harrison St.
SIGN, electric, $150; 2190 Mission St.; owner, Family Cut Rate Liquor Store, Prem.; contractor, Laib, 7th and Folsom Sts.
GARAGE private, one-story, $300; N Silver Ave. 25 W Barnevelde St.; owner, Mr. and Mrs. Stenman, 1487 Silver Ave.
FLUE (1) patent, $30; 448 Davis St.; owner, Ben Cohen, 3401 Clay St.; contractor, Battezzato Bros., 844 Pacific Ave.
SIGN, electric, $75; 701 Arguello Blvd. owner, Standard Station No. 1444, Premises; contractor, Elec. Prod. Corp., 255 Golden Gate.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Construction Starting Today.
ALTERATIONS Cost, $3750
SAN FRANCISCO. No. 825 Sacramento Street.
Alterations to apartments (work involves carpentry work, plumbing, painting and electric).
Owner—Shoong Investment Co.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Work is being done under the supervision of the architect.

Plans Being Figured—Bids Close Jan. 14, 2 P. M.
APARTMENTS Cost, $25,000
SAN FRANCISCO. NE Westgate and Ocean Avenues.
Two-story and basement frame apartment building (6 apts. 20 rooms); cement plaster exterior, tile roof, tile baths, gas heating system, hardwood floors, etc.
Owner—Mrs. M. Nelson, % Architect
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Bids are being taken for a general contract.

To Be Done By Day's Work.
ALTER APTS. Cost, $3,000
SAN FRANCISCO. 2146 Sutter Street
Alterations to apartments.
Owner—Leep and Shutz, 716 Liberty Bank Building.
Architect—Edward Seeley, 255 California Street.

2— BONDS

BONDS VOID.
PITTSBURG, Contra Costa Co., Cal. —Bond companies have refused to bid on $79,000 issue of school improvement bonds, voted October 16 by Pittsburg school district for reconditioning two buildings, because of an objection to a clause in the bond ordinance.

3— CHURCHES

Contract Awarded.
CHURCH Cont. Price, $10,967
EAST OAKLAND, Alameda Co., Cal.
One - story wood frame church bldg. (rustic exterior) seating capacity of 300; asbestos shingle room.
Owner—Havenscourt Tabernacle.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

4— FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $——
ALAMEDA, Alameda Co., Cal. Waterfront.
One-story steel and corrugated iron warehouse (100x200 feet); pile foundations.
Owner — Alaska Packers Corp., 111 California St., San Francisco.
Plans by Engineering Dept. of Owner (Mr. White in charge).
Contractor—O. Monson, 475 6th St., San Francisco.

Planned.
MILL & WAREHOUSE $——
WOODLAND, Yolo Co., Cal. Pinto Property.
Construct mill building and warehouse.
Owner — William Crawford, Mgr. Woodland Rice Milling Co., Woodland.
Architect—Not Given.

Painting Contract Awarded.
FACTORY AND OFFICES
Contract Price, $87,473
SAN FRANCISCO. NE Harrison and Hawthorne Streets.
Four-story reinf. concrete factory and office building (composition roof, reinforcing steel, plumbing, heating, etc.)
Owner—Geo. Caswell, 442 Second St.
Architect—Masten & Hurd, 233 Post.
Contractor—Cahill Bros., 206 Sansome Street.
Painting — Raphael Co., 270 Tehama Street, $4,671.
Other awards reported Dec. 31.

Planned.
PLANT Cost, $——
REDDING, Shasta Co., Cal.
Construct box shook and veneer plant.
Owner—G. W. Notley, Inc., Redding.
Architect—Not Given.
Further details will be announced at a later date.

Contract Awarded.
ADDITION Cost, $3000
SAN JOSE, Santa Clara Co., Calif. 940 South First Street.
One-story addition to factory (brick walls, corrugated iron roof, trusses, etc.)
Owner—Bruce Barton, premises.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—P. Doyle, 737 Pershing Ave., San Jose.

Plans Being Completed.
PLANT Cost, $50,000
CALIFORNIA CITY, Marin Co., Cal Near Tiburon.
One-story steel cable spinning plant 535x100 feet).
Owner—John Roebling Sons Co., 646 Folsom St., San Francisco.
Plans by Engineering Dept. of Owner Bids will be asked in about two weeks.

Steel Contract Awarded.
DAIRY Cost, $7500
SAN FRANCISCO. NW Rickard St. and San Bruno Avenue.
One-story Class C dairy.
Owner — P. Labrucherie, 766 Silver Ave., San Francisco.
Plans by Robert A. Hansen, % Owner.
Steel—Golden Gate Iron Works, 1541 Howard St., San Francisco.
Foundations started by owner, plumbing and electrical work will be done by day's work

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 55 Washington Street.
Alterations to general produce building.
Owner — Tocchini & Dianda, 109-111 Washington St., San Francisco.
Architect—Not Given

Contract Awarded.
SHED Cost, $1000
SAN FRANCISCO. No. 2601 Newhall Street (Rear).
One-story frame shed.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—F. H. Meyer, 525 Market St., San Francisco
Contractor—Cahill Bros., 206 Sansome St., San Francisco

Contract Awarded.
WAREHOUSES Cont. Price, $74,597
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Three 1-story brick warehouses (100 by 160 feet each) (to be known as warehouses B, J and K), composition roof, concrete floors).
Owner—City of Stockton (Port Dist.) City Hall, Stockton.
Plans by Engineering Dept. of Stockton Port District.
Contractor—C. H. Dodd, 1738 West Rose St., Stockton.
Complete bids published Dec. 31, 1934.

5— FLATS

Plans Being Figured—Bids Close Jan. 16, 12 Noon.
FLATS Cost, $——
SAN FRANCISCO. John and Powell Streets.
Two-story and basement frame and stucco flats (2 5-room flats); tar and gravel flat roof, wood floors, etc.
Owner—Withheld.
Architect — Albert Schroepfer, 244 Kearny St., San Francisco.
Bids are being received from a selected list of contractors only.

6—GARAGES & SERVICE STATIONS

Steel Building Contract Awarded.
SERVICE STATION Cost, $——
BERKELEY, Alameda Co., Cal. Hopkins and Monterey Blvd.
Class C service station.
Owner—Withheld.
Architect—Not Given.
Lessee—Shell Oil Co., Shell Bldg., San Francisco.
Contractor — John Huggard, Rialto Bldg., San Francisco.
Steel Buildings — Independent Iron Works, 821 Pine St., Oakland.
Construction has just been started.

Contract Awarded.
SERVICE STATION Cost, $7000
SACRAMENTO, Sacramento Co., Cal. Sixteenth and E Streets.
Steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.

Contract Awarded.
REPAIR GARAGE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. 405 W Santa Clara St.
Repair fire loss to public garage.
Owner—C. O. Normandin, premises.
Architect—Not Given.
Contractor—G. M. Latta, 157 Rhodes Court, San Jose.

7— FEDERAL BUILDINGS

BIDS OPENED.
ALAMEDA, Alameda Co., Calif.—Thomas M. Jones, 643 29th Ave., San Francisco, at $314 submitted low bid to Custodian, Alameda Post Office, for a 90-ft. pipe rail, four vault vents and three bulletin boards in the U. S. post office at Alameda.
Complete bids follow:
Thos. M. Jones, San Francisco... $314.00
Nick Hemminga, S. F..... 375.00
Sam Lee, Alameda 424.00
Fred J. Early, Jr., S. F..... 438.00
West Coast Wire & Iron Works, San Francisco 444.00
Ben Kopf, Alameda 451.00
Anchor Post Fence Co., S. F..... 465.00
F. Kern Sons, San Francisco..... 472.50
Louis C. Dunn, San Francisco..... 598.00
W. G. Thornally, Oakland..... 690.00
Bids referred to Washington for award.

Low Bidders.
POST OFFICE Cost,, $63,800
SOUTH PASADENA, Los Angeles Co. Calif.
One-story U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Murch Bros. Construction Co., 4111 Lindell Blvd., St. Louis, Mo., at $45,470.
Second low bid was submitted by Sarver & Zoss, Los Angeles, at $47,-800.

Bids Wanted—To Close Feb. 8, 1 P. M.
POST OFFICE Cost, $69,900
WOODLAND, Yolo Co., Cal. Court Street.
One-story and mezzanine floor Post Office building (93x64 feet); California Mission type; concrete construction, front upper section faced in tile; tile floors in lobby, skylights, oil furnace heating system, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Preparing Working Drawings.
POST OFFICE Cost, $55,000
LODI, San Joaquin Co., Cal.
One-story and basement reinforced concrete Post Office building (60x 100 feet); plaster exterior, steel trusses, tile roof, steam heating system, etc.
Owner—United States Government.
Architect—S. Heiman, 605 Market St., San Francisco.

Complete bid Listing.
POST OFFICE Cost, $65,000
SEBASTOPOL, Sonoma Co., Calif.
One-story Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Robert McCarthy, 1363 14th Ave., San Francisco.
Complete bids follow:
Robt. McCarthy, S. F.....$33,830
K. E. Parker Co., S. F..... 35,468
A. Nelson, Inc., S. F..... 35,500
Frank J. Reilly, S. F..... 36,931
Murch Bros. Const. Co..... 38,809
H. L. Petersen, S. F..... 38,877
Schuler & McDonald, Inc., Oakland 39,947
Fred J. Early, Jr., S. F..... 41,400
Fred J. Maurer, Eureka..... 41,500
Wm. MacDonald Const. Co., St. Louis, Mo. 41,717

CONTRACT AWARDED.
RENO, Nev.—Wade H. Wine, 1921 Plumas St., Reno, at $21,752 awarded contract by Treasury Department for the construtcion of ballustrades and retaining wall at the U. S. Post Office at Reno.

Preparing Working Drawings.
POST OFFICE Cost, $89,000
HAYWARD, Alameda Co., Cal.
One-story and basement Post Office Building; (reinforced concrete exterior walls and floor slabs, steel columns and girders; flat asphalt roof; steam heating system, etc.)
Owner—United States Government.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.

Bid Opening Date Postponed Until January 21, 1 P. M.
POST OFFICE Cost, $70,000
McMINNVILLE, Oregon.
Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Date was previously set for Jan. 4, 1 P. M.
Plans and specifications may be obtained from the above office upon deposit of $15.00.

Contract Awarded.
POST OFFICE Cont. Price $34,876
TORRANCE, Los Angeles Co., Calif. Marcelina Avenue.
Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor — Harold Hansen, 1185 Flores St., Los Angeles.

Low Bidders.
POST OFFICE Cost, $63,800
TURLOCK, Stanislaus Co., Calif.
One-story and basement concrete post office building (cement finish, composition roof, steam heating system, etc.; 80x60-ft.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Three low bids follow:
K. E. Parker Co., S. F.....$39,670
Frank J. Reilly, S. F..... 39,730
H. L. Petersen, S. F..... 40,100

BIDS REJECTED
HILLSBORO, Oregon—Treasury Department rejected all bids for plaster models for the proposed U. S. Post Office building at Hillsboro, Oregon.

BIDS WANTED
CHICO, Butte Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Chico, for repairs and painting at the U. S. Post Office, at Chico.

BIDS OPENED
LONG BEACH, Cal. — Following bids received by Treasury Supply Division for metal shelving for the Long Beach Post Office:
DeLuxe Metal Furniture Co.....$111.67
Globe-Wernicke Co..... 149.50
Alternate, $98.20.
Interior Steel Equipment Co..... 115.61
Metal Office Furniture Co..... 132.32
Worley & Co..... 202.87
Penn Metal Corp..... 229.00
Berger Mfg. Co..... 265.00
Bids held under advisement.

BIDS WANTED
PARKER DAM, Cal.—Until January 22, bids will be received by the Bureau of Reclamation, Denver, Colo., for air cooling and ventilating systems for the office and dormitory buildings at the Government Camp at Parker Dam, Parker Dam Project. Specification No. 650-D. Plans and specifications may be obtained from above office. No deposit required.

BIDS REJECTED
SANTA CLARA, Cal.—Treasury Department rejected all bids for plaster models for the proposed U. S. Post Office building at Santa Clara.

BIDS WANTED
SAWTELLE, Los Angeles Co., Cal —Until January 10, 2 P. M., bids will be received by the Veterans' Administration Facility, Sawtelle, for furnishing two 750-ohm resistance coils for Otis elevator.

CONTRACT AWARDED.
SAN DIEGO, Cal.—San Diego Tile & Woodstone Co., 758 Front St., San Diego, awarded contract by Bureau of Yards & Docks at $1349 for tile floor and wainscot and asphalt floor tile in storage facilities building at the Naval Operating Base (Supply Depot Annex) San Diego; Spec. No. 7867.

BIDS OPENED
MARE ISLAND, Cal.—San Francisco Elevator Co., 860 Folsom St., San Francisco, at $2734.10 submitted low bid to Public Works Officer, Mare Island Navy Yard for remodeling two existing electric freight elevators, one located in Building No. 53 and one in the south end of Building No. 71, at the U. S. Navy Yard, Mare Island. Specification No. 7869. Complete bids follow:
(1) Work complete.
(2) Deduct for omitting one elevator.
San Francisco Elevator Co., San Francisco .....(1) $2734.10
(2) 1755.60
Westinghouse Elec. Elevator Co., S. F. .....(1) 2940.00
(2) 1318.00
Otis Elevator Co., S. F.....(1) 3388.00
(2) 1298.00
Bids held under advisement.

Contract Awarded.
POST OFFICE Cont. Price, $34,716
EL MONTE, Los Angeles Co., Cal.
One-story Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—N. A. Anderson, 4307 Van Buren Place, Los Angeles.

Bids Wanted—To Close Feb. 18, 1 P. M.
POST OFFICE Cost, $85,000
KELSO, Washington.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $25.00.

8— CLUB BUILDING

Planned.
ADDITION Cost, $1800
STOCKTON, San Joaquin Co., Calif. Waterfront.
Addition to Seamen's Institute (Wm. True, Supt.), 1701 Picardy Drive, Stockton.
Architect—Not Given.

General Contractor To Be Selected.
ALTERATIONS Cost, $25,000
SAN FRANCISCO. No. 111 O'Farrell Street.
Alterations and additions to present building for club.
Owner—Kohler & Chase, 36 O'Farrell Street (George O. Chase).

Architect—Fred H. Meyer, 525 Market St., San Francisco.
Lessee—Town Club of San Francisco (W. O. Brown in Charge), 111 O'farrell St., San Francisco.
Announcement will be made within a few days.

To Ask Bids Shortly.
ALTER LODGE BLDG. Cost, $——
BURLINGAME, San Mateo Co., Cal. 1110 Burlingame Avenue.
Alterations to three - story concrete and brick bldg. for lodge (bowling alley, billiard hall and cafe, dance hall, lodge rooms, etc.)
Owner—Burlingame Lodge No. 470, I. O. O. F.
Architect—Not Given.
Mr. Chas. Leisa, 311 Lorton Avenue, Burlingame, will be in charge of the proposed work. It is expected that bids will be asked within two weeks.

Plans Being Prepared.
CAMP Cost, $5000
KERN COUNTY, Cal. Portugeuse Meadows, 50 miles NE Bakersfield.
Mess hall, kitchen and administration headquarters for Y. M. C. A. camp; rustic exterior; swimming pool, 15 cabins, etc.
Owner—Y. M. C. A. (Leonard Dahlquist, Secretary).
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.
Labor will be furnished by the SERA.

9— HOSPITALS

Bids Opened.
ADDITION Cost, $6500
SANTA ROSA, Sonoma Co., Calif.
Addition to hospital (add operating room, six major rooms, etc.) work involves roughing-in plumbing & electrical work.
Owner—Santa Rosa Hospital.
Architect—John 1. Easterly, 302 Grant Street, Healdsburg.
Low Bidder — Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Complete bids follow:
Louis Halvorsen, Santa Rosa $5,596
Hume Bunyan, Santa Rosa..... 6,995
E. F. Bohn, Sebastopol..... 6,203
A. & E. James, Santa Rosa..... 7,425
Bids held under advisement for ten days.

Contract Awarded.
ALTERATIONS Cont. Price $32,685
PACIFIC COLONY, Los Angeles Co.
Alterations and additions to kitchen and commissary at Pacific Colony (addition of wing for commissary storehouse, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—C. Haberlandt, 1625 East Fifth St., Long Beach.
Plumbing and Heating—Johnson and Reeves, 1112 S. Central Avenue, Complete bids published January 3. Glendale, $3,587.
Electrical Work—H. H. Walker, 1323 Venice Blvd., Los Angeles, $751.

10— HOTELS

Work Abandoned.
ALTER HOTEL Cost, $——
SAN FRANCISCO. Turk and Taylor Streets.
Alterations to hotel building.
Owner—Grand Hotel, Premisea.
Architect—C. A. Meussdorfer, Humboldt Bank Bldg., San Francisco.

Mill Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO. No. 386 Geary Street.
Alterations to Fielding Hotel.
Owner—Fielding Hotel, Premisea.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.

11—ICE AND COLD STORAGE PLANTS

LOW BIDDER.
SAN DIEGO, Calif. — Kohlenberger Engr. Corp., 805 S. Spadra Road, Fullerton, submitted low bid to the 11th Naval District, at $1948, for refrigerating plant for storage facilities bldg. at the Naval Operating Base (Supply Depot Annex) San Diego; Spec. No. 7861.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN FRANCISCO — Arnke Iron Works, 780 Brannan St., at $249.00 awarded contract by Department of Public Works, for ornamental iron window grilles for the Civic Auditorium in San Francisco.

BIDS OPENED
SALINAS, Monterey Co., Cal.—Following bids received by the County Board of Supervisors for furnishing and installing tool - resisting steel gratings for sixteen windows on the second floor of the Monterey County Jail, located on Alisal and Cayuga Streets, Salinas:
Southern Prison Co., San Antonio, Texas $2112
Alternate, $1946.
A. J. Bayer, Los Angeles..... 1163
Alternate, $1088.
Soule Steel Co., S. F..... 2600
Fred J. Early Jr., S. F..... 2457
Pacific Elec. Mfg. Co., S. F..... 1835
Star Ornamental Iron Works, San Francisco 1579
Exleys Machine Shop, Salinas ... 3150
Engfer Iron Works, S. F..... 257
Alternate, $1175; $1051; $700.
The bids of the Southern Prison Co. A. J. Bayer Co. and Soule Steel Co., held under advisement until January 16. All other bids rejected.

Awards Approved.
COURT HOUSE Total Cost, $1,568,873
OAKLAND, Alameda Co., Cal. Fallon, Twelfth, Oak and 13th Streets.
Twelve-story fireproof court house (structural steel frame, reinforced concrete walls, permanent and earthquake - resistive, plumbing, heating, ventilating, electric work, elevators ,to house all county offices and courts) three lower floors to be 175x245 ft. and upper floors 116x116 feet.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland (GLencourt 2902).
Constructing, Mechanical & Electrical Engineer—G. M. Simonson, 20 Loreta Ave., Piedmont.
PWA has made a final approval of the awards for the construction of the Alameda County Court House as follows:
General Work—George Wagner, 181 South Park, and K. E. Parker, 155 South Park, San Francisco, at $948,574.
Contract awarded on Proposition 3, (building complete with certain omissions) alternate C, substituting terra cotta for concrete cast-in moulds, alternate E, submitting oak for Philippine mahogany.
Excavation and Foundations—J. Caturci, 1212 18th Ave., Oakland, $69,631.05.
Structural Steel — Pacific Coast Steel Corp., 20th and Illinois Sts., San Francisco, $158,416.
Elevators—Otis Elevator Co., 1 Beach St., San Francisco, $104,387.
Mechanical Work—Alta Electric and Mechanical Co., 467 O'Farrell St., San Francisco, $228,880.
Jail Equipment—Pacific Electric Mfg. Co., 5815 Third St., San Francisco, $68,985.

Preliminary Plans Being Prepared.
LIBRARY & ASSEMBLY HALL Cost, $11,824
PALO ALTO, Santa Clara Co., Cal. Mayfield District.
One-story branch library and assembly hall.
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Estimate of cost exceeds amount of funds available for the proposed work and nothing definite can be said at this time.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
Two one-story and basement frame and stucco residences.
Owner and Builders—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 3456 Jackson Street.
Alterations to frame residence.
Owner—Mrs. Martin Meyer, 212 Clara St., San Francisco
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
PALO ALTO, Santa Clara Co., Cal. No. 665 Hale Street.
One-story and basement frame and stucco residence.
Owner—N. Okerman, 956 Boyce Ave., Palo Alto.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7000
HILLSBOROUGH, San Mateo Co.
Two-story frame and stucco residence (7 rooms and 2 baths) Colonial style; shingle roof, wood sash, gas hot air heating system, tile baths, hardwood floors, etc.)
Owner—W. P. Byrne.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—Fred Kurtz, 2423 Delmer St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W. 33rd Avenue 150 N. Kirkham Street.
One - story and basement frame and stucco residence.
Owner and Builder—C. T. Lindsay, 140 Duboce Avenue.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2289
SAN FRANCISCO. N Broadway, 72 W. Octavia St.
Alterations to frame residence (work involves carpentry, mill work, hardwood floors, painting, plumbing, linoleum, etc.)
Owner—W. B. Bosley, 1904 Broadway.
Architect—Edward Seeley, 255 California Street.
Contractor—L. A. Hinson, 756 4th Ave

PLANNED
HEALDSBURG, Sonoma Co., Cal.—Fire destroyed the Harold K. Miller residence on Grove St., Healdsburg, January 7. Damage estimated at $8,000. The structure will be rebuilt immediately at the same location.

Contract Awarded.
ALTER RESIDENCE Cost, $2000
SAN FRANCISCO, 101 Sea Cliff.
Alterations to frame residence.
Owner—Frank L. Jeddis, 101 Sea Cliff.
Architect—Not Given.
Contractor—Jacks & Irvine, 74 New Montgomery Street.

Bids Opened.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, tile baths, hardwood floors (type of heating not determined).
Owner—Wm. Shakleton, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Wm. Rapp, 812½ Spring St., Santa Rosa.
Complete bids follow:
Wm. Rapp, Santa Rosa $10,375
Louis Halvorsen, Santa Rosa... 10,806
Clyde Hansen, Santa Rosa..... 11,734
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $7621
BERKELEY, Alameda Co., Cal. Ridge Road.
Two-story and basement frame and stucco residence (English style).
Owner—Church Divinity School of the Pacific.
Architect—W. H. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.
Contractor—A. Cederborg, 1455 Excelsior Blvd., Oakland.
Complete bids follow:
A. Cederborg, Oakland.....$7621
Walter Sorensen, Berkeley..... 8040
S. J. Bertelsen, Piedmont..... 8238
Conner & Conner, Berkeley..... 8729
C. E. Atkinson, Oakland..... 8748

Bids Opened.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Cal.
One-story and basement frame residence (five rooms) English style, half timber construction, shake roof, etc.
Owner—Frank Usseglica.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — C. L. Personette, 731 Santa Rosa Ave., Santa Rosa.
Complete bids follow:
C. L. Personette.....$5600.00
Louis Halvorsen 5680.00
W. F. Bohn..... 6052.65
Wm. Rapp..... 6250.00
All bidders of Santa Rosa.
Bids held under advisement until January 14.

Contract Awarded.
ALTER RESIDENCE Cost, $2000
SAN FRANCISCO, No. 101 Sea Cliff.
Alterations to frame residence.
Owner—Frank L. Jeddis, Prem.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor — Jacks & Irvine, 74 New Montgomery St., San Francisco.

Contract Awarded.
ADDITIONS Cost, $1500
BERKELEY, Alameda Co., Cal. 3063 Adeline Street.
Additions to frame residence.
Owner—Geo. R. McDonald, Premises.
Architect—Not Given.
Contractor—Geo. F. King, 2522 College Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Calif. 4254 Detroit Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Cal.
One-story frame and stucco residence (6 rooms) and one-story frame and stucco guest house (4 rooms) tile roof, gas heating system, hardwood floors, tile baths, etc.
Owner — Victor Hillis, 154 S-Second St., San Jose.
Architect—Edward Kress, 121 Magellan Ave., San Jose.
Bids will be asked in about two weeks.

Contract Awarded.
RESIDENCE Cost, $4000
WALNUT CREEK, Contra Costa Co.
One-story frame residence (5 rooms)
Owner—Withheld.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 400 Spruce Street.
One-story wood frame and brick veneer residence (rustic style); (5 rooms), shake roof, gas heating system, etc.
Owner—Mr. Wilcox.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7860
SAN JOSE, Santa Clara Co., Calif. 748 North First Street.
Two-story frame and stucco residence (six rooms).
Owner—Attilio Ferrari, 37 North San Pedro St., San Jose.
Architect—Not Given.
Contractor—W. M. Caldwell, 1421 Hedding St., San Jose.

Plans Being Prepared.
RESIDENCES Cost, $8500 each
PIEDMONT, Alameda Co., Cal.
Two two-story and basement frame and stucco residences (8 rooms, 3 baths each) shake roof, gas heating systems, hardwood floors, tiled baths, wood sash.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Owner is the builder and will take sub-bids at a future date.

CONTRACT AWARDED
EL MONTE, Los Angeles Co., Cal.—Chas. J. Dorfman, 124 N. Brea Ave., Los Angeles, awarded contract by Department of the Interior, Division of Subsistence Homesteads, at an approximate figure of $166,157, plus 25 cents per lineal foot for gas pipe installed, for the construction of the government's subsistence homestead project near the intersection of Peck Road and Lower Azusa Road, northeast of El Monte. The award is based on the following figures: Seven houses in accordance with plan No. 1.1 at $1300 each; seven plan No. 1.4 at $1346 each; six plan No. 2.1 at $1512 each; two plan No. 2.1 (with extra room) at $1812 each; seven plan No. 3.1 at $1420 each; one plan No. 3.1 (with extra room) at $1815; six plan No. 3.2 at $1347 each; five plan No. 3.4 at $1394 each; six plan No. 3.5 at $1402 each; six plan No. 3.6 at $1418 each; six plan No. 3.8 at $1597 each; six plan No. 4.1 at $1877 each; five plan No. 4.3 at $1808 each; seven plan No. 4.4 at $1845 each; six plan No. 4.5 at $1870 each; five plan No. 4.6 at $1923 each; six plan No. 4.9 at $2140 each; four plan No. 5.1 at $2317 each; two plan No. 5.1 (with extra room) at $2741 each. On this basis the bid of Anderson & Hansen would total $169,339.80 and the bid of Monolith Constr. Co., $172,654. Wood frame structures with concrete foundations and floors, waterproofing materials, siding and shingle exteriors, woodo shingle and shake roofs, wood lath and plaster partitions, wood sash, galvanized screens, pine trim, cesspools, electric bathroom heaters, radio wiring, gas wall heaters, etc. Joseph Weston, 701 Cogswell Road, El Monte, architect, and Ross H. Gast, Oak St., Route 2, El Monte, project manager.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1866 Leimert Blvd.
Two-story frame and stucco residence (six rooms).
Owner & Builder—W. W. White, 3788 Lakeshore Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Calif. 3721 Elston Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Preparing Working Drawings.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. San Antonio Avenue.
One-story and basement frame and stucco residence (5 rooms) shake roof, unit gas fired warm air heating system, hardwood floors, etc
Owner—Withheld.
Architect—Hardman & Russ, 2068 Allston Way, Berkeley.
Bids will be asked in about thirty days.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Calif. 3524 Harper Avenue.
One-story frame and stucco residence (five rooms).
Owner—H. A. Pleitner, 4021 East 14th Street, Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

.5— SCHOOLS

Final Plans Approved.
SCHOOL Cost, $35,000
GRIDLEY, Butte Co., Cal.
Replace McKinley Primary School with one-story frame and stucco building (8 rooms); concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect — George Sellon, California State Life Bldg., Sacramento.
Application has been filed with the SERA to furnish labor.

Award Approved.
SCHOOL Cont. Price, $13,224
VALLE VISTA, Alameda Co., Calif. Four miles south of Hayward.
One - story light structural steel and wood frame school building (two classroom and auditorium) tile roof, individual gas unit heating system, etc.
Owner—Valle Vista School District.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Associate Architect—Geo. P. Simonds, 191 Main St., Hayward.
Contractor—J. E. Branagh, 16 Monticello St., Oakland.

PWA approved award of contract to John E. Branagh.

Contract Awarded.
SCHOOL Cost, Price, $1594
SAN JOSE, Santa Clara Co., Cal. Orchard District, Gish Road.
One-story wood frame school (1 classroom) rustic exterior, composition roofing, wood floors, etc.
Owner—Orchard School District (J. J. O'Brien, Clerk), Route 2 Box 157, San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—M. W. Reese, 1210 Minnesota St., San Jose.
Complete bids follow.
M. W. Reese, San Jose.....$1594
J. V. N. Gohranson, San Jose..... 1656
W. J. Moore, San Jose..... 1912

Plans Being Completed.
DORMITORY Cost, $100,000
OAKLAND, Alameda Co., Cal. Mills College Campus.
Two - story dormitory (wood frame construction; 60 beds).
Owner—Mills College.
Architect — W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.
Supt. of Constr.—John Brown, Mills College, Oakland.
Sub-bids will be asked by Feb. 1.

BOND ELECTION PLANNED.
MONTEREY, Monterey Co., Calif.—Monterey School District is contemplating calling an election in the near future on a bond issue in the amount of $25,000 or $30,000 to finance construction of a school building to replace the Pacific Street School buildings. Stanley W. Greeb, trustee.

Plans Being Prepared.
GYMNASIUM Cost, $50,000
SANGER, Fresno Co., Calif.
One-story reinforced concrete gymnasium (steel trusses, etc.)
Owner—Sanger Union High School District.
Architect—W. D. Coates, 626 Rowell Bldg., Fresno.

CONTRACT AWARDED
LOS ANGELES, Cal.—George Hess, 434 S. Westmoreland Ave., awarded contract at $144,325 by Los Angeles board of education for the reconstruction, rehabilitation and strengthening of the administration and auditorium building at the Wm. McKinley junior high school. David J. Witmer and Loyall F. Watson, 816 W 5th Street, architects.

LOW BIDDER.
LOS ANGELES, Cal.—R. J. Daum, 3964 Budlong Ave., submitted low bid at $22,430 to Los Angeles Board of Education for reconstruction, rehabilitation and strengthening of the shop building at Jacob A. Riis high school, 139 W. 69th Street. Richards & Eager, 607 Architects' Bldg., architects, and Lawrence J. Waller, 257 S. Berendo St., structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until January 25, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchaing Bureau, 1425 S. San Pedro St., for furnishing all labor and materials for the construction of a new building on the Canoga Park School site, located on the north side of Valerio St., between Topanga Canyon and Vassar Aves., Canoga Park. The building will be 57x283 feet in area; concrete walls, composition roofing, wood roof trusses, concrete chimney, wood transom windows, cement and linoleum floors, Oregon pine and hardwood trim, slate blackboards, cork bulletin boards, drinking fountains, tile toilet rooms, metal toilet partitions, storage water heater, heating and ventilating system, metal lath, etc. Sumner Spaulding, California Bank Bldg., Beverly Hills, architect. C. G. De Swarte, structural engineer. Cost $84,761.

Plans Being Completed.
SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Cal.
One-story frame and stucco elementary school (six classrooms, principal's office, lunchroom, etc.); probably tile roof (Jefferson Elementary School).
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans will be forwarded to the State Division of Architecture for approval within a few days.

Plans Being Completed.
SCHOOL Cast, $35,000
DALY CITY, San Mateo Co., Cal.
One-story frame and stucco elementary school (Crocker Elementary School; six classrooms, principal's office, lunchroom, etc.), probably tile roof.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans will be forwarded to the State Division of Architecture for approval within a few days.

Plans Being Completed.
SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Cal.
One-story frame and stucco grammar school (8 classrooms, principal's office, lunchroom, etc.); probably tile roof (Woodrow Grammar School).
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans will be forwarded to the State Division of Architecture for approval within a few days.

BIDS WANTED
LOS ANGELES, Cal.—Until January 30, 11.30 A. M., bids will be received by Purchasing Bureau of Los Angeles Board of Education, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the south building at Virgil Junior High School, located at First St. and Vermont Ave. A. S. Nibecker Jr., architect and C. J. Dedrick, structural engineer, 502 Architects' Building. Cost, $50,000.

LOW BIDDERS
NEWPORT BEACH, Orange Co., Cal.—John Strona, Philadelphia and East End Sts., Pomona, submitted low general contract bid to Board of Public Reconstruction, at $116,853 for new elementary school building to be built at Newport Beach. Cresmer Mfg. Co. 2601 Third St., Riverside, will probably be the low bidder if certain alternates are used. Low bidders on other contracts are: A. J. Garcia Co., 1072 N. Wilton Place, Los Angeles, on the heating and ventilating at $14,367; Pacific Plumbing Co., 313 N. Ross St., Santa Ana, on the plumbing at $11,-145; Barker-Allen Electric Co., 1067 Cahuenga Ave., Los Angeles, on the electric wiring at $5317. Donald Beach Kirby, Balboa Island, architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. J. Daum, 3964 Budlong Ave., awarded contract at $22,430 by Los Angeles Board of Education for reconstruction, rehabilitation and strengthening of the shop building at the Jacob A. Riis High School, 139 W 69th St. Richards & Eager, 607 Architects' Bldg., architects, and Lawrence J. Waller, 257 S. Berendo St., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract at $136,750 by Los Angeles Board of Education for reconstruction, rehabilitation and strengthening of the auditorium and classroom annex at the Polytechnic High School 400 W Washington Blvd. A. C. Martin, 222 Higgins Bldg., architect, and Holmes & Narver, 639 S. Spring St., structural engineers.

January 10, 1935
Bids Wanted—To Close January 28, 10 A. M.
SCHOOL Cost, $130,000
LA GRANDE, Oregon. Eastern Oregon Normal School Campus.
Two-story concrete and cast stone training school (6 classrooms, library, cafeteria and gymnasium) (192x86 feet); oil burning heating system.
Owner—State of Oregon.
Architect—J. V. Bennea, Lewis Bldg., Portland, Oregon.
Plans and specifications may be obtained from the architect upon deposit of $20.

Final Plans Approved.
AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Cal.
One-story frame and stucco combination gymnasium (144x88 ft), stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be asked within a few days on a general contract with separate bids for heating

BIDS OPENED
SAN FRANCISCO—M. Vukicevich, 666 Mission St., at $1373 submitted low bid to Department of Public Works for general repairs to Bay View School, located on the southeast corner of Bayview and Flora Sts. Complete bids follow:
M. E. Vukicevich.....$1373
R. S. Silverberg..... 1488
H. J. Petersen..... 1659
A bid was submitted by J. Harold Johnson, but due to the fact that no certified check was enclosed the bid was not read.

CONTRACT AWARDED
SAN FRANCISCO — Anchor Post Fence Co., 460 Fifth St., at $559.20 awarded contract by Department of Public Works for construction of a cat walk and steel fire escape at the John Swett Junior School, McAllister and Gough Streets. Complete bids follow:
Anchor Post Fence Co..... .....$559.20
Lutze Iron Works..... ..... 565.00
F. Kern Sons 569.00
Arnke Iron Works 574.00
Patterson & Koster Iron Works 687.00
Industrial Orn. Iron Works..... 748.00
Bids held under advisement.

Planned.
COLLEGE BLDGS. Cost, $750,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Group of Junior College Buildings (group will include construction of library and classroom unit, auditorium, art and music departments and gymnasium).
Owner—Sacramento Junior College.
Architect—Not Selected.
It is proposed to finance the buildings from direct taxation or through a grant from the PWA and a bond

issue. The latter is before the City Board of Education for study.

The first unit proposed is a library to seat 450 students and a one-story classroom building to contain four classrooms, estimated to cost $100,000. Further details will be announced when plans are farther advanced.

Construction Postponed Indefinitely.

STUDENTS BLDG. Cost, $——

SANTA ROSA, Sonoma Co., Calif. Junior College.

One-story frame and brick veneer students' building (30x50 feet); tile roof.

Owner—Santa Rosa Junior College (F. P. Bailey, Dean), Santa Rosa.

Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Awaiting Approval.

HIGH SCHOOL Cost, $10,000

WEAVERVILLE, Trinity Co., Cal.

One-story steel frame and wood high school building.

Owner — Trinity Union High School District.

Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Final plans have been forwarded to the State Division of Architect, Sacramento, for approval.

AWARDS APPROVED

PASADENA, Los Angeles Co., Cal. —Public Works Administration has approved contracts for the following Pasadena School projects: Reconstruct Longfellow Elementary School; Taylor & Taylor, 36 N. Union St., Pasadena, contractors; amount $128,-441. Construct Altadena Elementary School; O. H. Strauser, 900 Dawson Ave., Long Beach, contractor; amount $120,784.

AWARD APPROVED

LOS ANGELES, Cal.—Public Works Administration has approved a contract between the Los Angeles Board of Education and Reid & Alexander, 5714 Pacific Blvd., Huntington Park, for reconstructing building "A" and "C" and the erection of new building "B" at the Gage Avenue School. Contract price, $83,960.

BONDS VOTED.

WARM SPRINGS, Alameda Co., Calif.—Warm Springs School District voted bonds in the amount of $35,000, proceeds to finance construction of a new school in Warm Springs to replace present structure.

Preparing Preliminary Plans.

STRENGTHEN SCHOOL Cost, $——

REDWOOD CITY, San Mateo Co., Cal.

Structural changes to Sequoia High School to comply with State earthquake ordinance (8 buildings in group).

Owner — Sequoia Union High School District (Jas. D. Hedge, President of the Board).

Engineer — H. J. Burnier, Sharon Bldg., San Francisco.

Plans Being Prepared.

SCHOOL Cost, $53,000

ARROYO GRANDE, San Luis Obispo Co., Calif.

One-story wood frame grammar school building.

Owner — Arroyo Grande Elementary School District.

Architect—Louis N. Crawford, Santa Maria.

Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans Awaiting Approval.

AUDITORIUM Cost, $24,700

LE GRAND, Merced Co., Cal.

One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.

Owner—Le Grand Union High School District.

Architect—W. H. Weeks, 525 Market St., San Francisco.

Approval of plans is expected within one week and bids will be asked immediately.

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until January 16, 8:15 P. M., bids will be received by S. G. Ratto, Clerk, Sausalito School District, for the construction of walls and fences at the South School, Sausalito. Plans and specifications may be obtained from above office.

Contracts Awarded.

SCHOOL Cont. Price, $142,715

SAN FRANCISCO. Thirtieth Avenue near Lawton Street.

Two-story and basement school building (Lawton School) fifteen classrooms, auditorium, kindergarten, library; tar and gravel roof, steam heating system, concrete floors, wooden studs, metal lath.

Owner—City and County of San Francisco.

Architect—Dodge A. Riedy, Pacific Bldg., and Charles E. J. Rogers, Phelan Building.

Structural Engineer — Hyman Roaenthal, 821 Market Street.

Mechanical Engineer—Robert L. St. John, 544 Market Street.

Contractor—Anderson & Ringrose, 320 Market Street.

Mechanical Equipment and Plumbing —Alta Electric & Mechanical Co., 467 O'Farrell St., $17,671.

Electrical Work—H. S. Tittle, 85 Columbia Square, $9,402.

Following sub - contracts submitted with the bid of Anderson & Ringrose:

General Work

Asphalt Paving—Eaton & Smith, 715 Ocean, Ave., $612.50.

Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., $16,007.17.

Marble—J. E. Back Co., Inc., 1533 San Bruno Ave., $6,348.00.

Terrazzo—San Francisco Terrazzo Co., 3730 Third St., $3,348.00.

Mill Work—Anderson Brothers Planing Mill & Mfg. Co., Quint and Custer Sts., $8,279.00.

Window Hardware—Dalmo Sales Co., 511 Harrison St., $1,495.00.

Blackboards, Cork and Pinning Strips Fred. E. Turner, 557 Market St., $2,587.50.

Roofing & Dampproofing—J. W. Bender Roofing Co., 18th and Bryant Sts., $1,153.

SAN FRANCISCO — Visitacion Valley School — (City)

SCHOOL Cost, $——

SAN FRANCISCO. Schwerin Street, between Visitacion & Leland Sts. (Visitacion Valley School).

School unit (15 classrooms, library) reinforced concrete construction.

Owner—City and County of San Francisco.

Architect—Hyman & Appleton, 68 Post St., and G. Albert Lansburgh, 140 Montgomery Street.

Mechanical Engineers—Leland & Haley, 58 Sutter Street.

Structural Engineer — K. Theill, 580 Market Street.

General Work—DeLuca & Son, 1745 Filbert St., $135,848.

Mechanical Equipment and Plumbing —M. J. Reeves, 959 Natoma St., $17,850.

Electrical Work—Central Electric Co. 179 Minna St., $8,398.

Complete bids follow:

General Work

(A) DeLuca & Sons	$135,848
(B) Anderson & Ringrose	140,000
(C) O. Monson	142,410
(D) William Spivock	142,469
(E) MacDonald & Kahn	143,341
(F) Leo Epp	144,677
(G) K. E. Parker Company	144,835
(H) Frank J. Reilly	146.431

Mechanical Equipment and Plumbing

M. J. Reeves	$17,850
Scott Company	18,666
Anderson & Rowe	18,808
M. Desiano	18,921
Skelly & Kohler	18,992
James A. Nelson, Inc.	19,260
Frederick W. Snook Co.	19,495

Electrical Work

Central Electric Company	$8,398
Strom and Smith	8,570
H. C. Reid & Co.	8,650
Chas. A. Langlais	8,655
Delatour Electric Co.	8,821

Unit quantities follow:

(1) excavation and backfilling from natural grade to depth of four ft., add;
(1a) do, deduct;
(2) excavation and backfilling to a depth of 8 ft., add;
(2a) do, deduct;
(3) excavation and backfilling to a depth of 12 ft., add;
(3a) do, deduct;
(4) excavation and backfilling to a depth of 16 ft., add;
(4a) do, deduct;
(5) Type A concrete, add;
(5a) do, deduct;
(6) Type B concrete, add;
(6a) do, deduct;
(7) Type C concrete, add;
(7a) do, deduct;
(8) reinforcing steel, per lb., add;
(8a) do, deduct;
(9) linoleum, per squ. yd. laid, add;
(9a) do, deduct;
(10) cement topping, per square yard laid, add;
(10a) do, deduct;
(11) concrete yard base and asphalt paving, per sq. yd., laid, add;
(11a) do, deduct.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3.00	$ 1.50	$ 1.75	$ 1.50	$ 2.50	$ 2.00	$ 2.00	$ 2.00
(1a)	.50	.25	.75	.30	.50	.50	1.25	.75
(2)	5.00	2 00	2.50	2.50	3.50	3.00	3.00	3.00
(2a)	.75	.25	1.00	.30	.50	.75	1.25	1.00
(3)	8.00	4.00	4.50	5.00	4.00	4.50	4.00	4.00
(3a)	1.00	.25	1.25	1.00	.75	1.50	1.25	1.50
(4)	10.00	6.00	9.00	6.00	6.00	9.00	8.00	6.00
(4a)	3.00	.25	1.50	1.00	1.00	2.00	2.00	2.00
(5)	20.00	20.00	19.00	20.00	25.00	22.00	17.00	20.00
(5a)	7.00	8.00	10.00	8.00	6.00	8.00	11.00	12.00
(6)	20.00	22.00	20.00	21.00	27.00	24.00	18.00	20.00
(6a)	7.00	8.00	11.00	8.00	6.00	9.00	12.00	12.00
(7)	11.00	.....	18.00	20.00	20.00	22.00	.....	18.00
(7a)	5.00	.....	8.00	8.00	4.00	8.00	.....	9.00
(8)	.05	.055	.05	.05	.07	.07	.0425	.07
(8a)	.03	.02	.025	.03	.03	.03	.0375	.03
(9)	2.50	3.50	2.75	2.25	3.00	2.50	2.25	2.50
(9a)	1.00	1.25	1.25	1.50	1.00	1.50	1.79	1.50
(10)	.75	.80	.80	.80	1.00	.90	.90	.70
(10a)	.25	.15	.30	.25	.30	.30	.45	.40
(11)	2.00	2.00	1.75	1.50	3.00	1.75	1.50	2.25
(11a)	.70	.50	.75	.50	.90	.70	1.00	1.25

Screens—Hipolito Co., 4246 Holden St. Oakland, $15.65.
Wood Rolling Doors—Chas. Christensen, 557 Market St., $137.87.
Metal Ceiling Lights and Windows—Federal Orna. Iron & Bronze Co., 1890 16th St., $1,798.42.
Sheet Metal—Fire Protection Products Co., 1101 16th St., $2,084.
Plastering — A. Knowles, 982 Bryant Street, $9,953.00.
Kitchen Equipment—Dohrmann Hotel Supply Co., 972 Mission St., $933.20
Shades—D. N. & E. Walter Co., 562 Mission Street, $361.55.
Wire Fencing, Etc.—Standard Fence Co., 440 Bayshore Blvd., $272.00.
Finish Hardware—E. M. Hundley, 662 Mission St., $3,650.00.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., $1,790.00.
Linoleum—West Coast Linoleum and Carpet Co., 2703 Mission St., $3,435
Glass Bldg. Blocks—Structural Glass Co., 101 Park Avenue, New York, $795.00.
Tile Work—Malott & Peterson, 20th & Harrison Sts., $9,972.00.
Painting — H. Ankers, 22 Lexington Street, $3,397.00.
Mechanical Equipment and Plumbing
Sheet Metal—Ace Sheet Metal Works, 444 Clementina Street, $1,100.
Heating and Ventilating—Alta Elec. & Mechanical Co., 467 O'Farrell St., $9,806.00.
Plumbing—Alta Electric & Mechanical Co., $7,865.00.
Oil Burners—Ray Burner Co., 401 Bernal Street, $644.00.
Electrical Work
Special Fixtures—Westinghouse Elec. Co., $262.96.
Fire Alarms—Autocall Co., 320 Market Street, $854.70.
Telephone System—Sierra Equip. Co., 361 9th St., $403.95.
Switchboards—Drendell Trumbell, 260 Van Ness Ave., South, $671.31.
Time Clocks—International Time Recording Co., 529 Market St., $758.

In our issue of January 10th the following sub-contracts were reported incorrectly: Roofing and dampproofing; screens; wood rolling doors; metal ceiling lights and windows and sheet metal. Correction made as reported above.

(4698) 1st report June 14; 8th, Jan. 10, 1935. • 15

16— BANKS, STORES AND OFFICES

Being Done By Day's Work.
ALTER BLDG. Cost, $50,000 or more
OAKLAND, Alameda Co., Cal. No. 512 Sixteenth St.
Alterations to three and one-half-story office building (finish fourth floor, partition work, automatic sprinkler system, structural steel, etc.)
Owner — East Bay Municipal Utility District, 512 16th St., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Work is being done by day's labor by owner's own forces. Material will be purchased at a later date.

CONTRACT AWARDED.
SAN FRANCISCO.—Bauer & Mendelson, 21 Morris Street, at $4,762.50 awarded contract by the Associated Oil Company, 79 New Montgomery St. for the demolishing of a four-story steel and concrete building, located on the northwest corner of Post and Mason Streets.

Floor Covering Contract Awarded.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. NW Ninth and K Streets.
Alterations and additions to store building (123x166 feet); lighting fixtures, air conditioning system, show cases, etc.
Owner—Hale Bros., Fifth and Market Sts., San Francisco.
Floor Covering—Armstrong Cork Co., 180 New Montgomery St., S. F. Other awards will be made shortly.

Plans Complete.
ADDITION Cost, $175,000
SPOKANE, Washington.
Two-story steel and reinforced addition to office building (72x125 ft.)
Owner—Washington Water Power Co., Spokane.
Architect—Whitehouse & Price, Railway Exchange Bldg., Portland.

Plans Being Figured—Bids Close Jan. 21, 2:30 P. M.
OFFICES Cost, $8000
MODESTO, Stanislaus Co., Cal. 12th and K Streets.
One-story reinforced concrete office building (Spanish style) tile roof, vaults, etc.
Owner — Farmers' Mutual Fire Insurance Co. (E. W. Morrow, Mgr.), Turlock.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Completed.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Cal. SE Broadway and Thirteenth St.
Two-story steel and concrete office building (to contain 45,000 square feet of floor space).
Owner—Chas. Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent—Lionel Wachs Co., Bank of America Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
Sub-bids will be taken by Mr. Muller within two weeks.

17— THEATRES

CONTRACT AWARDED.
LOS ANGELES, Cal.—Wesco Construction Co., 2000 Hyperion Ave., awarded contract for a theatre and store building to be built at 6669 Hollywood Blvd. for Sheehan & Sinks. S. Charles Lee, 2404 W. 7th St., Architect. It will cover an area of 90x170 feet and will be of reinforced concrete and brick construction, wood roof trusses, composition roofing, plaster exterior, steel sash, skylights, cement, carpet and rubber tile floors, metal hardwood and pine trim, ornamental iron, tile toilet floors, plate glass, heating and ventilating system, metal lath, etc.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 345 South First Street.
Alterations to marquee.
Owner—California Theatre, premises.
Architect—Not Given.
Contractor—Garden City Electric Co. and O.R.S. Sign Co., 44 West San Fernando, San Jose.

18— WHARVES & DOCKS

SAND AND CEMENT CONTRACT AWARDED.
RICHMOND, Contra Costa Co., Cal. —Edwin Anderson, 998 Gilman Ave., San Francisco, awarded the sand and cement contract to Richmond Navigation and Improvement Co., Richmond, for repairs to sub-structure of Wharf No. 1, located at the southerly termination of Gerrard Blvd., Richmond. Work involves:

(1) removal of old and cracked concrete, cleaning steel and replacing same with cement gunite, per cu. yd.;

(2) removal of old reinforcing steel and replacing same with new reinforcing steel, and for No. 3 black wire etc., per lb.;

(3) galvanized welded wire fabric, in place, per lb.

Cost, $6,883.

19—MISC. CONSTRUCTION

Plans Being Prepared.
LIVESTOCK BLDG. $695,000 1st unit.
SAN MATEO COUNTY, Cal. (Visitacion Valley, So. McLaren Park, 54 acre tract).
One-story reinforced concrete livestock building (steel trusses) 1st unit consists of main horse show arena, ring for livestock show, stalls to accommodate animals, etc.)
Owner—San Francisco-San Mateo Agricultural District.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
The total cost of the proposed building is $1,500,000. The second unit will consist of the grand stand to seat 15,000, etc.
Bids on the first unit will be asked in about sixty days.

BIDS WANTED.
SAN FRANCISCO.—Until Jan. 23, 10 A. M., bids will be received by Captain R. B. Woolverton, Signal Officer, Ninth Corps Area, Presidio of San Francisco, for 1 250-watt radio transmitter fr Fort Miley, San Francisco.
Specifications may be obtained from the above office. •

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED.
OAKLAND, Cal.—Following bids received by the City of Oakland Port Commission for crushed rock road materials and asphaltic road oil.

(a-1) crusher run crushed rock, per ton, roadway delivery;
(a-2) do, wharf delivery;
(b-1) crushed rock, per ton, roadway delivery;
(b-2) do, wharf delivery;
(c-1) screenings, per ton, roadway delivery;
(c-2) do, wharf delivery;
(d-1) birdseye, per ton, roadway delivery;
(d-2) do, wharf delivery.
(e-1) hot asphaltic road oil, per bbl. (asphaltic binder spread);
(e-2) emulsified road oil, per barrel. (asphaltic binder spread);

Ariss Knapp Co., Oakland	(a-1)	$1.075
	(b-1)	1.375
	(c-1)	1.375
	(d-1)	1.375
Heafey - Moore Co., Oakland	(a-1)	1.10
	(b-1)	1.80
	(c-1)	1.80
	(d-1)	2.05
	(e-1)	2.95
	(e-2)	3.25
Blake Bros., Oakland	(a-2)	1.13
	(b-2)	1.38
	(c-2)	1.38
	(d-2)	1.38
Hutchinson Co., Oakland	(a-2)	1.13
	(b-2)	1.38
	(c-2)	1.38
	(d-2)	1.38
L. J. Immel, Berkeley	(a-1)	1.127
	(b-1)	1.48
	(c-1)	1.88
	(d-1)	1.68
	(e-1)	2.748
	(e-2)	3.098
Rhodes Jamieson Co., Oakland	(a-1)	1.74
	(b-1)	1.74
	(c-1)	1.74
	(d-1)	1.74
Transit Concrete Co., Ltd., Oakland	(a1-)	1.75
	(b-1)	1.74
	(c-1)	1.74
	(d-1)	1.74

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO — Until January 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing hospital equipment and supplies for the City and County of San Francisco.

Specifications and proposal blanks may be obtained from above office.

SAN FRANCISCO—Until January 14, 3 P. M., bids will be received by T. A. Brooks, Puchaser of Supplies, 270 City Hall, for furnishing 4000 to 5000 cubic yards of loam for Golden Gate Park.

Specifications and proposal blanks may be obtained from above office.

SANTA BARBARA CITY

SANTA BARBARA, Cal.—Until Jan. 17, 3 P. M., bids will be received by the Santa Barbara Board of Education, 1235 Chapala St., for furnishing students' desks in accordance with specifications on file in the office of the Board. Certified or cashier's check or bond for 5 per cent must accompany each bid. Oris Neal Reynard, Clerk.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until January 15, 3 P. M., bids will be received by the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, Room 208 Post Office Bldg., Sacramento, under Spec. No. 7006/2250, for furnishing and delivering f.o.b. regular wharf, Rio Vista, 1 lot of miscellaneous castings.

Specifications obtainable from the above office

SAN FRANCISCO — Until January 15, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. Q.M. 742-71-35, Memo. 5593, for furnishing 4000 lbs. Grade A pig lead.

Delivery f.o.b. Rockwell Air Depot, San Diego, on or before February 16.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until January 15, 2 P. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing pumping units as follows, under Bid No. 31149:

(1) 3 centrifugal pumping units, each with a capacity of 2800 G.P.M. against a total head of 860 ft. in accordance with the district's specifications E-148; f.o.b. Beaumont.

(1a) Replacement parts, for the pumps proposed under Item 1, in accordance with district's specifications E-148; f.o.b. Beaumont.

(2) Centrifugal pumping units, each with a capacity of 2500 G. P. M. against a total head of 275 ft., in accordance with district's specifications E-148; f.o.b. Cabazon, 2, 3, or 4 pumps.

(2a), 3 and 3a) Replacement parts for same.

(4) Services of an erection engineer as required.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until January 18, 5:30 P. M., bids will be received by J. H. Kimball, Secretary, East Bay Municipal Utility District, 512 16th St., Oakland, for one pneumatic alum and lime conveyor system complete with blower, receiving hopper, four distributors and dust separators, pipe and fittings. All f.o.b. 22nd and Adeline Sts., Oakland, for the Orinda Filter Plant. Specification No. 143.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until January 28, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, Los Angeles, for furnishing and delivering 2 only electrically driven mine hoists; Specifications No. 1580:

(a) fob cars bidder's shipping point;
(b) fob Lone Pine;

(1-alt.) for furnishing and delivering one only electrically-driven mine hoist in lieu of two mine hoists listed above.

Hoists are to be used for hoisting muck, men and materials in vertical shafts during construction of Mono Craters Tunnel.

PUBLIC ROADS BUREAU

GOVERNMENT ISLAND, Cal.—Until January 21, 2 P. M., bids will be received by the Bureau of Public Roads, Room 101, Administration Bldg. Government Island, for the sale of one Marion No. 4054 steam shovel, coal burner, one yard capacity.

The equipment may be inspected by calling at the above office between the hours of 9 a. m. to 4 p. m. on week days and from 9 a. m. to 12 noon on Saturdays.

U. S. INDIAN SERVICE

LOS ANGELES, Cal.—Until Jan. 14, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for furnishing four motor control cabinets for the San Xavier Indian Reservation, 10 miles from Tucson, Ariz.; F. P. No. 200, Bid No. 0123.

CANAL ZONE

PANAMA CANAL ZONE. — Until January 18, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3023, for furnishing 12,500 bbls. of Portland cement.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Cal.—Until January 17, 9 P. M., bids will be received by the Oakland City Council for 10,000 feet of 2¾ in. fire hose for the City of Oakland.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until January 14, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, for furnishing reinforcing steel as follows:

(1) 218 pcs. for Dog Bar Bridge, f.o.b. Applegate.
(2) 155 pcs. for Riverside Ranger Station Bridge, f.o.b. Sonora.
(3) 258 pcs. for Red Cap Bridges Nos. 2 and 3, f.o.b. Hornbrook.
(4) 109 pcs. for East Fork of Stuarts Fork Bridge, f.o.b. Redding.

The steel is all to be square deformed. Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until January 21, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 1593, for furnishing scale sticks as follows: (1) 26 30-in.; (2) 36 48-in.; (3) 24 60-in.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

NAVY DEPARTMENT

BREMERTON, Wash.—Until Jan 15, 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, for furnishing as follows:

REQ. No. 318 NSA: Required for the Navy Yard, Pearl Harbor, T. H.: (1) 20,000 ft. b. m. ship decking Douglas fire rough lumber; (2) 60,000 ft. b. m. rough Dimension Douglas fir and/or Sitka Spruce lumber; (3) 2000 ft. b. m. rough Dimension Douglas fir and/or Sitka Spruce lumber; (4) 3000 ft. b. m. Port Orford Cedar rough boat boards; (5) 85,000 ft. b. m. finish, flat grain, rough, Douglas fir and/or Sitka Spruce lumber; (6) 50,000 ft. b. m. finish flat grain, rough, Douglas fir and/or Sitka Spruce lumber; (7) 5000 ft. b. m. Douglas fir, rough, clears; (8) 70,000 ft. b. m. shiplap, Douglas fir and/or Hemlock lumber; (9) 7300 ft b. m. rough Douglas fir timbers; (10)16,000 ft. b. m. Douglas fir and /or Hemlock, rough boards.

REQ. No. 60-NSA: Required for the Navy Yard, Pearl Harbor, T. H.: (1) 35,000 ft. b. m. softwood, Douglas fir timbers, No. 1 common, rough; (2) 15,000 ft. b. m. softwood, Douglas fir board and strips, rough No. 1 Common; (3) 15,000 ft. b. m. softwood Douglas fir, ship decking, rough, vertical grain, B and Better; (4) 25,000 ft. b. m. softwood, Douglas fir, clear, rough, B and Better timbers.

REQ. No. 142-NSA: Required for the Navy Yard, Pearl Harbo, T. H.: (1) 82,000 ft. b. m. No. 1 Common rough, Douglas fir lumber; (2) 15,000 ft. b. m. Fir plank and small timbers, No. 1 Common, rough; (3) 165,000 ft. b. m. Fir lumber, finnsh, flat grain B and Better, rough; (4) 70,000 ft. b. m. Fir lumber, shiplap, No. 1, Common, surfaced.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED.

SAN FRANCISCO.—Healy-Tibbitts Const. Co., 64 Pine Street, at $1,172,-622 awarded Contracts 15 and 15-A, by the State Highway Commission, Sacramento, for the construction of reinforced concrete viaducts, grading and paving of the streets, and all incidental work necessary to complete in all respects, except wiring and fixtures for the lighting of the bridge, the San Francisco Section and Approaches of the San Francisco-Oakland Bay Bridge.

BIDS OPENED

LEWIS COUNTY, Wash.—Joplin & Eldon, Columbia Blvd., at Peninsular Portland, at $51,355 submitted low bid to the Bureau of Public Roads, Portland, January 4, for the construction of a three-span continuous reinforced concrete bridge over Laughlin Water Creek, Mt. Rainier National Park, East Side Highway, Project NR-6-A, located within the Mt. Rainier Nat'l. Park, Lewis County. Complete bids follow:

Joplin & Eldon, Portland.....$54,355
Barham Bros. & Larkins, Salem 56,356
Elliott & Co., Inc., Seattle..... 59,105
D. Nygren, Seattle..... 60,204
MacRea Bros., Seattle..... 61,957
W. T. Butler, Seattle..... 63,977
Colonial Constr. Co., Spokane.... 68,460
Western Constr. Co., Seattle.... 69 770
Sam Orino, Spokane..... 73,969
Sheble Constr. Co., Seattle..... 75,930
S. G. Morin, Spokane..... 78,945

BIDS OPENED

BONNEVILLE, Oregon — MacRae Bros., 614 5th Ave., Seattle, at $55,-349 submitted low bid to the U. S. Engineer Office, Portland, January 5, under Bid No. 35-351, for the construction of a timber trestle and steel deck plate girder bridge across the lower canal approach to the Bonneville ship lock. The other bids were:

Oregon Bridge & Dredging Co., Portland, $56,735.
General Construction Co., Portland, $57,614.50.
Parker-Schram Co., Portland, $59,-330.
Engineer's Estimate $46,220.

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED.

LOS ANGELES, Calif.—Shannahan Bros., 6181 Eastern Avenue, Los Angeles, at $87,915 awarded contract by the Los Angeles County Board of Supervisors for the construction of Unit No. 8 of the San Gabriel River Outlet.

CONTRACT AWARDED.

LOS ANGELES, Cal.—Oscar Oberg, 150 N. Vista St., Los Angeles, at $18,-812 awarded contract by the Los Angeles County Board of Supervisors for the construction of pile and wire revetments on the Los Angeles River from Victory Blvd. downstream.

AWARD APPROVED.

MARTINEZ, Contra Costa Co., Cal. —Federal Public Works Administration, A. D. Wilder, State Engineer, has approved award of a contract to Duncanson - Harrelson Co., deYoung Bldg., San Francisco, for construction of the municipal yacht harbor project, stipulating that PWA will not grant funds toward purchase of second-hand target rafts which it is proposed to use in construction.

23— IRRIGATION PROJ.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho —Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $232 991 submitted low bid to the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 607, for the construction of earthwork, tunnels and structures, South Canal, Station 2 to Station 736, Succor Creek Division, Owyhee Project, Oregon-Idaho.

J. A. Terteling & Sons, Boise, at $238,300 submitted second low bid.

Complete bids will be published shortly.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED.

HAMILTON FIELD, Marin Co., Cal. —Globe Electric Works, 1899 Mission St., San Francisco, at $5,786 awarded contract by the Constructing Quartermaster, Hamilton Field, for the installation of a night lighting system at Hamilton Field.

BIDS WANTED.

SAN FRANCISCO. — Until January 23, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Room 251, City Hall, for the installation of an ornamental lighting system on Alemany Blvd., Section "A", from Bayshore Blvd. to Mission St., a total distance of 1.26 miles. Estimated cost, $15,000.

The work to be done includes the installation of conduits, the construction of foundations; the erecting, assembling and painting of standards; the furnishing and installing of luminaries with compensators, refractors, and lamps; the furnishing, installing, splicing and testing of cables; and the furnishing and installing of all appurtenances incident to the construction of the lighting system.

Bids will be taken as follows:

(1) Hauling, erecting, assembling and painting ornamental iron standards, 52;
(2) Furnishing and installing luminaries and lamps, complete, 52;
(3) Constructing concrete foundations for standard with conduit bends, 52;
(4) 13,400 ft. furnishing and installing 1½-in. black conduit;
(5) 16,500 ft. furnishing and installing 5,000-volt single conductor solid No. 8 R. & L. C. wire.

Plans and specifications obtainable from City Engineer John J. Casey, Room 357, City Hall, upon deposit of $10.00.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnishing 138,000 - volt oil circuit breakers under Spec. No. 1412 have been awarded by the Los Angeles Water & Power Commission as follows:

Item (1) to General Electric Co. at $120,450.

Item (2) (Alt. B) to Kelman Electric & Mfg. Co. at $250,880.

CONTRACT AWARDED.

OAKLAND, Calif. — Byron Jackson Co., Carlton & Sixth, Berkeley, at $4,-010.17 awarded contract by the East Bay Municipal Utility District, Oakland, for furnishing three vertical shaft turbine pumps and motors, under Proposal No. L. S. 133.

BIDS OPENED.

LOS ANGELES, Cal.—The following bids received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 South Broadway, January 4, for furnishing gate valevs under Spec. No. 1584:

The items were:
(a) 13 only 24-in. gate valves;
(b) 13 only 24-in. gate valves, less grease cases.

Complete bids follow:

(1) National Cast Iron Pipe Co., net, (a) $495; (b) $475.

(2) Crane Co., 2% 30 days, (a) $595, (b) $525.

(3) Kennedy Valve & Mfg. Co., 2% 30 days date invoice, (a) $461.32; (b) $437.32.

(4) Florence Pipe Foundry & Machine Co., 2% 30 days, (a) $525.00; (b) $501.00.

(5) Hacker Pipe & Supply Co., 2% 30 days, (a) $437.32; (b) $461.32.

(6) Smith Booth Usher Co., 2%, 10 days, (a) $461.32; (b) $437.32.

(7) Warren & Bailey Co., 2% 20 days, (a) $461.32; (b) $437.32.

(8) Grinnell Co. of the Pacific, 2% 10 days, (a) $790.10; (b) $688.00.

(9) Rensselaer Valve Co., 2% 20 days, (a) $461.32; (b) $437.32.

(10 Rich Mfg. Co., Ltd., 2% 10 days, (a) $461.32; (b) $437 32

All bids held under advisement.

BIDS OPENED.

SACRAMENTO, Cal.—J. D. Adams Machinery Co., 230 Utah Street, San Francisco, at $5,280.50 (bidding on a McCormick - Deering) submitted low bid to the U. S. Engineer Office, Sacramento, under Order No. 6937 HMR for furnishing one track type Diesel tractor equipped with angledozer.

Midland Tractor Co., Sacramento,

at $6,891.67 submitted the only other bid.

BIDS OPENED.

LODI, San Joaquin Co., Cal.—Following bids received by the Lodi City Council January 7, for furnishing one turbine or other deep well type pumn and electric motor complete with 50 ft. of column, shafting and bearings, installed in a 20-in. well, within the city:

Fairbanks, Morse & Co., San Francisco, pump and motor, $2,464.60; including starter, $2,827.77.

Pacific Pump Works, Ltd., Huntington Park, pump and motor, $3,726; including starter, $4,290.

Kimball-Krough Pump Co., S. F., induction motor, $2,527; synchronous motor, $4,619; tax included.

Layne & Bowler Pump Co., San Jose induction motor, $2,424; synchronous motor, $3,040.80.

Pomona Pump Co., Pomona, $3,264.-50, including starter, $4,136.25.

Byron Jackson Co., Berkeley. Alternates, $2,476; $2,360.72; $3,273.80; $3,-370.40; $2,848.71; $2,694.47; $3,129.27; $3,213.27; $544.02 extra for starter and transformer; $80.20 extra for suction and strainer; $81 extra for installation. Tax included.

Wintroath Pumps, Ltd., Alhambra, induction motor $3,036.92; synchronous motor, $4,121.74. Tax included.

The Worthington Co., Inc., S. F., pump, motors and booster, $3,675; deep well turbine induction motor, $3,264; deep well turbine synchronous motor, $4,612.75. Tax included.

John Bean Mfg. Co., San Jose, Alternates: $3,244.50; $4,085.75; $2,599.60; $4,226.40, covering four alternates on motors.

Electric Equip. Co., Lodi (bidding on "Sterling"): $2,524.19; $2,474.50; $3,-995.02; $3,238; $3,344.09; $2,939.18; $3,-921.40; $4,027.48; covering nine alternates on motors and equipment.

All bids plus sales tax unless otherwise noted.

All bids held under advisement until January 21.

30—RESERVOIRS & DAMS

PREPARING PLANS.

MARIN COUNTY, Cal.—The Marin Municipal Water District Directors, 468 Fourth St., San Rafael, have authorized James Peters, general manager, to prepare plans and specifications for construction of new spillway at Lake Lagunitas reservoir.

CONTEMPLATED

WASHOE COUNTY, Nevada—Administrator Harold Ickes of the Federal Public Works Administration has approved the Truckee River agreement submitted jointly by Washoe County Water Conservation District, Truckee-Carson Irrigation District and Sierra Pacific Power Company establishing 6229.1 foot elevation as Lake Tahoe high level. The action makes possible completion of the Truckee River irrigation development with construction of a storage reservoir on Little Truckee River to cost $1,000,000. PWA has allocated $1,-500,000 to the project and the balance remaining after construction of the reservoir probably will be used in improvement of the Derby canal in the Fallon district and improvement of the Lahontan power plant. Project will be constructed for the Washoe County Water Conservation District by the U. S. Bureau of Reclamation.

CONTRACT AWARDED

LOS ANELES COUNTY, Cal.—J. L. McClain, 5850 Brynhrust Avenue, Los Angeles, at $56,044.90 (Proposal No. 2, trucks at site of work) awarded contract by Los Angeles County Board of Supervisors, for the construction of a debris basin in Brand Canyon, Glendale.

CONSTRUCTION PROGRAM.

BONNEVILLE, Oregon. — Twenty-two contracts totalling $11,203,000 will be awarded on the Bonneville Navigation and Power Project during the first six months of 1935 by the War Department.

The list of projects, with estimated cost and tentative dates on which bids will be opened follows. Bids will be called by the Portland district, U. S. Engineers, Major Chas. F. Williams, district engineer.

(No.) 1, Crest gates and gantry cranes for main dam, (Estimated cost including engineering and supervision) $1,190,000; (Approximate date to be advertised) 5-15-35; (Approximate date date to be opened) 6-15-35.

No. 2, Cement for main dam, $1,-790,000; 4-1-35; 5-1-35.

No. 3, Lock gates, tainter valves & floating mooring hooks, $390,000; 5-10-35; 6-10-35.

No. 4, Gate and valve machinery for lock, $61,000; 5-10-35; 6-15-35.

No. 5, Emergency dam and derricks for lock, $154,000; 1-15-35; 2-15-35.

No. 6, Lower approach canal to lock $330,000; 5-5-35; 6-5-35.

No. 7, Powerhouse, intake and draft tube gantry cranes, $122,000; 5-15-35; 6-15-35.

No. 8, Powerhouse, intake gates, $146,000; 5-15-35; 6-15-35.

No. 9, Powerhouse, stop logs for draft tubes, $100,000; 5-15-35; 6-15-35.

No. 10, Turbines, two main units, one house unit, $1,580,000; 12-30-34; 2-15-35.

No. 11, Generators, two main units, one house unit, $1,600,000; 3-1-35; 5-1-35.

No. 12, Main transformers and a portion of switch gear and auxiliaries, $365,000; 4-1-35; 5-1-35.

No. 13, Powerhouse pumps, compressors, fire apparatus, oil tanks, etc. (part) $47,000; 4-15-35; 5-15-35.

No. 14, Powerhouse machine shop equipment, $12,000; 5-15-35; 6-15-35.

No. 15, Excavation and fixed parts of Bradford Island fish ladder, added to main dam contract (cost of cement included) $650,000.

No. 16, Excavation and fixed parts of Washington shore fish ladder, additional sum added to main dam contract (cost of cement included($240,-000.

No. 17, Channel improvements thru Gorge, $320,000; 4-15-35; 5-15-35.

No. 18, Union Pacific railroad change below Cascade Rapids, $1,700,000; 4-15-35; 5-15-35.

No. 19, Evergreen Highway, Wash., $160,000; 3-15-35; 4-15-35.

No. 20, Electrical distribution system for streets and permanent bldgs., $21,000; 2-1-35; 3-1-35.

No. 21, Land improvements below Cascade Rapids, $220,000.

No. 22, Abstracts of Title, lands above Cascade Rapids, $5,000.

Total, $11,203,000.

31—PIPE LINES & WELLS

CONTRACTS AWARDED.

OWYHEE PROJECT, Oregon.—The Bureau of Reclamation, Ontario, Oregon, have awarded contracts as follows under Spec. No. 598, for the construction of the Malheur River Siphon and Dead Ox siphon, North Canal, Dead Ox Flat Division, Owyhee Project:

Schedule 1: Parker - Schram Co., Couch Bldg., Portland, at $64,764.50.

Schedules 2 & 9: Consolidated Steel Corp., Ltd., P. O. Box 1348, Arcade Station, Los Angeles, at $536,057.

Schedule 8: J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $6,057.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Peterson Bros., 239 Olive St., Inglewood, at $10,328.47 awarded contract by the State Highway Commission, Sacramento, for installing about 5.9 miles of water pipe line in Los Angeles County, on Ramona Blvd. and Garvey Ave., between Mission Road in Los Angeles, and Atlantic Blvd. in Monterey Park.

TO PREPARE PLANS.

REDWOOD CITY, San Mateo Co., Cal.—The Redwood City City Council has authorized City Engineer C. L. Dimmitt to complete plans for laying 10-in. supply pipe line from Bay Crossing of Hetch Hetchy System to reservoirs of the municipal water system and for construction of pipe line connecting 2 municipal reservoirs. Funds for construction will be taken from water department surplus.

BIDS OPENED

LOS ANGELES, Cal. — Low bids submitted to the Metropolitan Water District, Los Angeles, January 7, for constructing the Big Morongo and San Andreas siphons of the Colorado River Apueduct Specifications No. 84, were:

Morrison-Knudsen Co., 411 West 5th St., Los Angeles—**Schedule 18-J** (alt. to 18-K or 18-S), 9811 lin. ft. of 12 ft. 4-in. cast-in-place concrete siphon between Station 9289+29 and 9625+75, $327,189.

American Concrete & Steel Pipe Co., P. O. Box 1428, Arcade Station, Los Angeles—**Schedule 18-K** (alt. to 18-J or 18-S), 9811 ft., 12 ft. pre-cast concrete siphons, $542,583.50.

Western Pipe & Steel Co., P. O. Box 1120, Arcade Station, Los Angeles—**Schedule 18-S** (alt. to 18-K or 18-J), twe welded steel siphons, 9811 ft. 12 ft. 8 in. diameter, at $595,985.88.

The work is located in Riverside County and comprises approximately 1.86 miles of aqueduct construction between points 7 and 5 miles northwest of Garnet, Calif., a station on the Southern Pacific Railway. Alternative bids are for constructing the siphons of either 12 ft. 4 in jointed concrete pipe cast in place; 12 ft. precast concrete pipe; or 12 ft. 8 in. welded steel pipe supported on concrete piers.

F. E. Weymouth, General Manager and Chief Engineer.

The complete schedules, quantities and bids follow:

SCHEDULE 18-J

Construction of two circular jointed cast in place concrete siphons and appurtenant works, between Stations 2989+29 and 9625+75. Siphon diameter 12 ft. 4 in.; total length 9811 ft.

(1) 163,000 cu. yds. excav. for syphons—common;
(2) 49,000 cu. yds. excav. for syphons—rock;
(3) and (4) do not apply here;
(5) 15 cu. yds. excav. for structures—common;
(6) 5 cu. yds. excav. for structures—rock;
(7) Does not apply here;
(8) 96,000 cu. yds. backfill for syphons;
(9) to (11) Do not apply here;
(12) 20,200 cu. yds. concrete in syphons;
(13) 900 cu. yds. concrete in structures—reinforced;
(14) 25 cu. yds. concrete in structures—plain;
(15) and (16) Do not apply here;
(17) 3,800,000 lbs. placing reinf. steel in syphons;
(18) 120,000 lbs. placing reinf. steel in structures;
(19) Does not apply here;
(20) 142 lock joints for monolithic syphons;
(21) 26,000 lbs. installing miscellaneous

metal work;
(22) to (29) Do not apply here;
(30) 4500 lbs. placing handrailings;
(31) Does not apply here;
(32) 14,500 ton-mile hauling steel;
(33) 40,000 ton-mile hauling cement;
(34) overhaul of concrete aggregates —fixed at 10c per cu. ft. yard-mile.

The total bids on Schedule 18-J were:
(A) Morrison-Knudsen Co., 411 W. 5th St., Los Angeles, $327,189.
(B) Sander Pearson, C. O. Sparks and Mundo Engineering Co., 2309 E. 9th St., Los Angeles, $330,080.
(C) Shafner & Gordon, 1831 N. Main St., Los Angeles, $345,760.
(D) J. F. Shea, Inc., Mecca, Calif., $450,492.50.

Unit bids on Schedule 18-J were:

	(A)	(B)	(C)	(D)
(1)	$ .17	$ .20	$ .20	$ .25
(2)	.57	.80	.60	.85
(5)	2.00	1.00	2.00	1.50
(6)	4.00	3.00	5.00	3.00
(8)	.10	.10	.08	.08
(12)	9.75	9.00	10.50	13.50
(13)	16.00	14.00	18.00	16.00
(14)	14.00	10.00	15.00	16.00
(17)	.01	.01	.01	.015
(18)	.01	.01	.01	.015
(20)	37.00	50.00	20.00	50.00
(21)	.05	.10	.05	.05
(30)	.06	.10	.10	.05
(32)	.15	.10	.08	.10
(33)	.05	.08	.06	.10
(34)	.10	.10	.10	.10

SCHEDULE 18-K

Construction of two pre-cast concrete syphons and appurtenant works, between Stations 9289+29 and 9625+75. Syphon diameter 12 ft. 0 in.; total length 9811 ft.

(1) 142,000 cu. yds. excavation for syphons—common;
(2) 42,700 cu. yds. excavation for syphons—rock;
(3) and (4) Do not apply here;
(5) 15 cu. yds. excav. for structures—common;
(6) 5 cu. yds. excavation for structures—rock;
(7) Does not apply here;
(8) 80,000 cu. yds. backfill for syphons;
(9) to (12) Do not apply here;
(13) 900 cu. yds. concrete in struct.—reinf;
(14) 4100 cu. yds. concrete in struct. —plain;
(15) Does not apply here;
(16) 9659 lin. ft. pre cast concrete pipe
(17) Does not apply here;
(18) 120,000 lbs. placing reinf. steel in structures;
(19) and (2) Do not apply here;
(21) 26,000 lbs. installing misc. metal work;
(22) to (27) Do not apply here;
(28) 2,210,000 lbs. furnishing and placing reinf. steel in cages;
(29A) 2775 lin. ft. furnishing and placing 16-gauge steel cylinder reinf.;
(29B) 885 lin. ft. furnishing and placing 10-ga. steel cylinder reinf.;
(30) 4500 lbs. placing handrail;
(31) Does not apply here;
(32) 550 ton-mile hauling steel;
(33) 37,000 ton-mile hauling cement;
(34) overhaul of concrete aggregates; fixed at 10c per cu. yd. mi.

Total bids on Schedule 18-K were:
(E) American Concrete & Steel Pipe Co., P. O. Box 1428, Arcade Station, Los Angeles, $542,583.50.
(F) United Concrete Pipe Corp., Box 1, Station H, Los Angeles, $555,-539.

Unit bids on Schedule 18-K were:

	(E)	(F)
(1)	$ .20	$ .33
(2)	.80	1.25
(5)	1.50	1.00
(6)	3.00	2.00
(8)	.20	.12
(13)	20.00	22.00
(14)	7.70	6.25
(16)	23.00	26.00
(18)	.01	.01
(21)	.05	.06
(28)	.043	.045
(29A)	10.25	11.00
(29B)	13.15	14.00
(30)	.08	.05
(32)	.30	.50
(33)	.15	.10
(34)	.10	.10

SCHEDULE 18-S

Construction of two welded steel syphons and appurtenant works bet. Stations 9289+29 and 9625+75. Syphon diameter 12 ft. 8 in.; total length 9811 ft.

(1) 83,000 cu. yds. excav. for syphon, common;
(2) 19,300 cu. yds. excav. for syphon, rock;
(3) and (4) Do not apply here;
(5) 4800 cu. yds. excav for structures, common;
(6) 1350 cu. yds. excav. for structurea, rock;
(7) Does not apply here;
(8) 5100 cu. yds. backfill for syphons
(9) to (12) Do not apply here;
(13) 1490 cu. yds. concrete in structures, reinf.;
(14) 3610 cu. yds. concrete in structures, plain;
(15) 1740 cu. yds. concrete in anchors, reinf.;
(16) and (17) Do not apply here;
(18) 340,000 lbs. placing reinf. steel in structures;
(19) and (20) Do not apply here;
(21) 5000 lbs. installing miscellaneous metal work;
(22) 169 each furnishing and installing ring girder assemblies;
(22A) deduction or addition per lb. for change in weight of assemblies as ordered by the district;
(23) 205,000 lbs. furnishing and installing stiffeners, types "Sa" and "Sb," with field joints "A"
(23A) Alt.—81,000 lbs. furnishing and installing stiffeners, types "Sa" and "Sb," with field joints "B"
(23B) Alt.—73,000 lbs. furnishing and installing stiffeners, types "Sa" and "Sb," with field joints "B";
(24) 14 each furnishing and installing expansion joints;
(25) 3 each furnishing and installing manholes;
(26) 6 each furnishing and installing blowoff, standpipe and air valve connections;
(27) 9319 lin. ft. furnishing and installing ⅝-in. plate steel pipe;
(28) and (29) Do not apply here;
(30) 4500 lbs. placing hand railing;
(31) Does not apply here;
(32) 1300 ton miles hauling steel;
(33) 13,000 ton miles hauling cement;
(34) overhaul of concrete aggregates (fixed at 10c per cu. yd. mi.);
(35) constructing experimental section (lump sum).

Total bids on Schedule 18-S were:
(G) Western Pipe & Steel Co., P. O. Box 1120, Arcade Station, Los Angeles, $595,985.88.
(H) Consolidated Steel Corp., Ltd., P. O. Box 1348, Arcade Station, Los Angeles, $633,364.05.
(I) Babcock & Wilcox Co., 444 17th St., Denver, Colo., $654,156.40.

Unit bids on Schedule 18-S were:

	(G)	(H)	(I)
(1)	$ .20	$ .1899	$ .14
(2)	.80	1.12	1.25
(5)	.45	1.00	.80
(6)	1.30	3.00	2.00
(8)	.16	.30	.50
(13)	18.00	15.27	12.50
(14)	13.00	11.21	8.00
(15)	11.00	11.53	8.50
(18)	.015	.0136	.015
(21)	.10	.044	.05
(22)	715.00	765.00	770.03
(22A)	.06	.010	.035
(23)	1145	1954	
(23A)	1212	1329	1444
(23B)	173	.281	.2231
(24)	1653.75	1465.31	1582.02
(25)	61 50	91.21	69.96
(26)	56 38	92.96	128.67
(27)	30.70	31 85	37 87
(30)	.10	.05	.06
(32)	.21	22	.15
(33)	.07	.165	.12
(34)	10	10	.10
(35)	5200.00	7425.00	5720.00

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTEMPLATED.

SANTA CLARA COUNTY, Calif.—Special committee appointed to investigate formation of sanitary district comprising cities of Los Gatos, Campbell, Willow Glen, Burbank and Agnew. Project contemplates construction of trunk line outfall from Los Gatos to San Francisco bay with lateral connections from each city F. M. Drew, president Drew Canning Co., Campbell; Dr. Walter I. Merrill and S. N. Hedegard, Campbell, comprise the committee.

BIDS OPENED.

BRAWLEY, Imperial Co., Calif.—Marko Matick, 1269 E. Colorado Blvd Los Angeles, at $71,970 submitted low bid to the Brawley City Council, Jan. 7, for constructing a sedimentation basin, filtration plant and changes in and around the pump house. Koebig & Koebig, Rowan Bldg., Los Angeles, consulting engineers.

Bids were taken as follows:
(1) Filtration plant and overflow pit;
(2) Changes in pump house;
(3) Rearranging discharge lines in and around pump house;
(4) Concrete lining of settling Basin No. 7.

Complete bids follow:

Marko Matick, Los Angeles, (1) $50-975; (2) $5980; (3) $1090; (4) $14,025; (Total) $71,970.00.

Haddock Engr. Co., (1) $55,500; (2) $9650; (3) $1350; (4) $12,000; (Total) $78,500.00.

Miracle Co., San Diego, (1) $60,800; (2) $6500; (3) $1200; (4) $10,800; (Total) $79,300.00.

Heuser and Garnett, Glendale, (1) $62,000; (2) $6000; (3) $1300; (4) $20,-000; (Total) $89,300.00.

Bids held under advisement.

PROJECT APPROVED.

SAN MATEO COUNTY, Cal.—SERA has approved construction of a sewage disposal plant and appurtenances, septic tank, dosing chamber, intermittent sand filter drainage ditch, etc., at the San Mateo County Relief Home, and has allotted $14,790 for labor.

County Engineer James S. James will supervise the work.

PROJECT APPROVED.

SAN MATEO COUNTY, Cal.—SERA has approved project for the construction of a 6-in. trunk line sanitary sewer system in Memorial Park, San Mateo County (Unit No. 1). The County has been allotted $20,237 for labor.

County Engineer James S. James will supervise the work.

PROJECT APPROVED.

ESCALON, San Joaquin Co., Calif.—SERA has approved project for construction of sanitary sewers in the Escalon Sanitary District and has allotted $59,752 for labor. Materials will be purchased by the district, including 15,570 feet of outfall line to be laid from the southwest section of Escalon to the Stanislaus River. Geo. A. Wallace, president of the district, will supervise construction.

33— WATERWORKS

MAXIMUM HOUR RULE.

EUREKA, Humboldt Co., Cal.—The Eureka City Council has applied to PWA for permission to establish a maximum month of 130 hours for labor on the Mad River water supply project instead of a 30-hour week. A resolution adopted by the council urges the modification due to the remote location of the work. Clyde C. Kennedy, Call Bldg., San Francisco, consulting engineer, in charge of the project, expects to submit final plans to the council this month.

CONTRACT AWARDED

SANTA CRUZ, Santa Cruz Co., Cal.—Wallace Tiernan Sales Co., 171 2nd St., San Francisco, at $1,115 awarded contract by the Santa Cruz City Council for furnishing and installing one manual control solution feed visible vacuum type chlorinator on Branciforte Creek.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of December, 1934:

4439, Application 8103 (Nevada Co.) Issued to Maben Hill Mine & Milling Co., Auburn, Dec. 3, for 0.15 cfs from Wolf Creek, for mining purposes. Estimated cost, $1500.

4440, App. 8058 (Siskiyou Co.) Issued to W. E. Hittson, Medford, Oregon, Dec. 3, for 3.0 cu. ft. per second from Whiskey Creek, for mining purposes.

4441, App. 8049 (Humboldt Co.) Issued to Carl and Minnie A. Marcussen, Ferndale, Dec. 8, for 0.016 cfs from Mattole River, for domestic use and irrigation of 4.75 acres. Estimated cost, $500.

4442, App. 7969 (Lake Co.) Issued to E. B. MacDonald, Stubbs, Dec. 12, for 0.01 cfs from a small spring for domestic purposes.

4443, App. 7620 (Humboldt Co.) Issued to City of Eureka, Dec. 15, for 400 cfs and 90,000 ac. ft. per annum storage from Mad River for the generation of 15682 theoretical horsepower. Est. cost, $1,200,000.

4444, App. 7621 (Humboldt Co.) Issued to City of Eureka, Dec. 15, for 7.74 cfs and 750 ac. ft. per annum storage from Mad River for municipal purposes. Est. cost, $375 000.

4445, App. 7976 (Inyo Co.) Issued to Jos. B. Roberts, Anaheim, Dec. 15, for 0.05 cfs from Goler Canyon, for mining and domestic purposes. Est. cost, $500.

4446, App. 7705 (Sierra Co.) Issued to True Grit Mining Co., San Francisco, Dec. 19, for 10.0 cfs from right and left branches of Cole's Mill Creek for mining purposes. Est. cost, $100

4447, App. 7751 (Sierra Co.) Issued to True Grit Mining Co., San Francisco, December 19, for 7.5 cfs from Gales Orchard stream, for mining purposes. Est. cost $50.

4448, App. 7829 (Sierra Co.) Issued to True Grit Mining Co., San Francisco, Dec. 19, for 15.0 cfs from Sawmill Creek and Miller's Ranch Creek, for mining purposes. Est. cost, $200.

4449, App. 7794 (Mariposa County) Issued to N. M. Leoni, Lemoore, Dec. 19, for 3.0 cfs from North Fork Merced River, for the generation of 85-hp. Est. cost, $100.

4450, App. 7795 (Mariposa County) Issued to N. M. Leoni, Lemoore, Dec. 19, for 3.0 cfs from North Fork Merced River, for mining and domestic purposes. Est. cost, $100.

4451, App. 7934 (San Luis Obispo County) Issued to U. S. Santa Barbara National Forest, Santa Barbara, Dec. 20, for 0.013 cfs from branch of East Fork Morrow Creek, for domestic and recreational purposes. Est. Cost, $600.

34 — PARKS AND PLAYGROUNDS

PROJECT APPROVED.

SAN MATEO, San Mateo Co., Cal.—SERA has approved project and will furnish labor for installation of lawn sprinkler system in San Mateo city park. City Manager E. P. Wilsey will supervise the work.

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until January 16, 8:15 P. M., bids will be received by S. G. Ratto, Clerk, Sausalito School District, for the construction of walls and fences at the South School, Sausalito. Plans and

BURLINGAME — Sewers and Disposal Plant — (City)

BURLINGAME, San Mateo Co., Cal.—Following is a complete tabulation of the bids received by the Burlingame City Council January 7 for the construction of a sewage disposal plant to be located in the bay about ½ mile from shore near the end of Broadway, and intercepting sewers:

Bids were taken as follows:

(a) 40 l.f. 4-in. vit. clay pipe sewer;
(b) 60 l.f. 6-in. do;
(c) 2520 l.f. 8-in. do;
(d) 1934 l.f. 12-in. do;
(e) 690 l.f. 15-in. do;
(f) 24 l.f. 21-in. do;
(g) 997 l.f. 24-in. do;
(h) 4105 l.f. 27-in. do;
(i) 44 l.f. 36-in. do;
(j) 38 8x4-in. wye-branches;
(k) 288 c.y. Class C concrete mat;
(l) 7 standard shallow brick manholes not exceeding 6-ft. in depth;
(m) 2 do, equipped with pressure manhole covers;
(n) 4 standard brick manholes exceeding 6-ft., but not more than 8-ft. in depth;
(o) 6 do exceeding 8-, but not more than 10-ft. in depth;
(p) 14 do exceeding 10- and not more than 12½-ft. in depth;
(q) 2 special brick manholes, 5-ft. in diameter;
(r) 1 special screen manhole;
(s) 1 special drop manhole;
(t) 1 relift station, complete, lump sum;
(u) 1 sewage pumping plant complete, lump sum;
(v) 1 20-in. cast iron free main complete, lump sum;
(w) 1 sewage treatment works, complete, lump sum;
(x-1) 70,000 c.y. dredger fill;
(x-2) 20,000 c.y. disposal of overburden;
(y) 1 digester gas and heating equipment, lump sum;
(z) 1 chlorination equip., lump sum;
(aa) 1 gas holder, lump sum;
(bb) 1 gas engine-generator unit, lump sum;
(cc-1) Class A extra foundation concrete;
(cc-2) Class B do;
(cc-3) Class C do.

Bids were taken on schedules as follows:

SCHEDULE NO. 1: Items (a) to (cc) inclusive.

SCHEDULE NO. 2: Items (a) to (t) inclusive, and (cc).

SSHEDULE NO. 3: Item (x) only.

SCHEDULE NO. 4: Items (u) (v) (w) (y) (z) (aa) (bb) and (cc).

SCHEDULE NO. 5: Items (a) to (h) inclusive, and (cc).

The bidders were:

(A) Fredrickson & Watson Const. Co., 873 81st Ave., Oakland (Schedule No. 1).

(B) Robert B. McNair, 3745 Rhoda Ave., Oakland, and H. Gould, 1022 27th St., Sacramento (Schedule No. 1, incomplete bid).

(C) Oakland Sewer Const. Co., 9915 Walnut St., Oakland (Schedule No. 2).

(D) W. J. Tobin, 3701 Balfour Ave., Oakland (Schedule No. 2).

(E) A. S. Dutra, 255 California St., San Francisco (Schedule No. 3).

(F) Fredrickson & Watson Const. Co., 873 81st Ave., Oakland (Schedule No. 4).

(G) Barrett & Hilp, 918 Harrison St., San Francisco (Schedule No. 4).

(H) Fred J. Early, Jr., 369 Pine St., San Francisco (Schedule No. 4).

	SCHED. NO. 1 (A)	(B)	SCHED. NO. 2 (C)	(D)	SCHED. NO. 4 (F)	(G)	(H)
(a)	$ .50	$ 1.70	$ .50	$ .50	...	$ ...	$ ...
(b)	.60	1.00	.60	.60	...	...	...
(c)	1.10	1.00	1.33	1.00	...	...	...
(d)	1.60	1.50	1.37	1.48	...	...	...
(e)	2.10	1.75	3.47	2.39	...	...	...
(f)	2.75	3.00	4.00	3.50	...	...	...
(g)	3.75	3.50	4.03	4.24	...	...	...
(h)	5.25	4.50	6.80	6.11	...	...	...
(i)	13.00	8.00	10.00	9.51	...	...	...
(j)	2.00	1.50	1.00	.75	...	...	...
(k)	8.00	8.00	8.00	8.00	...	...	...
(l)	78.00	80.00	60.00	50.00	...	...	...
(m)	78.00	90.00	65.00	60.00	...	...	...
(n)	95.00	80.00	70.00	70.00	...	...	...
(o)	120.00	90.00	90.00	85.00	...	...	...
(p)	125.00	100.00	100.00	110.00	...	...	...
(q)	120.00	150.00	125.00	100.00	...	...	...
(r)	180.00	250.00	140.00	125.00	...	...	...
(s)	120.00	200.00	150.00	150.00	...	...	...
(t)	1,800.00	2,000.00	2 200.00	1,500.00	...	...	...
(u)	11,500.00	14,400.00	...	...	11,500.00	12,000.00	10,855.00
(v)	12,000.00	13,000.00	...	...	12,000.00	19,000.00	28,636.00
(w)	57,400.00	54,500.00	...	...	57,400.00	59,900.00	53,893.00
(x-1)	.37	...	...	...	...	...	...
(x-2)	.22	...	...	...	...	...	...
(y)	2,500.00	1,650.00	...	...	2,500.00	2,300.00	1,742.00
(z)	2,000.00	1,750.00	...	...	2,000.00	1,800.00	1,815.00
(aa)	4,300.00	4,000.00	...	...	4,300.00	4,300.00	5,079.00
(bb)	3,100.00	3,750.00	...	...	3,100.00	3,500.00	2,725.00
(cc-1)	22.00	19.00	20.00	14.00	22.00	15.00	20.00
(cc-2)	21.00	18.00	19.40	12.00	21.00	14 50	19.00
(cc-3)	8.00	16.50	18.80	10.00	8.00	14.00	18.00
Total	164,671.00	130,275.00	48,671.39	44,006.19	92,800.00	102,800.00	104,745.00

SCHEDULE NO. 3: A. S. Dutra: Item (x-1) $0.35; (x-2) $0.25; Total $29,500.

NOTE: The bid of Robert McNair and H. Gould on Schedule No. 1 is incomplete, due to the omission of a bidon Item (x).

All bids referred to City Engineer Chas. M. Thomas for recommendation to the City Council, to be made at the meeting January 14, 8 P. M.

specifications may be obtained from above office.

BIDS OPENED.

SAN FRANCISCO. Following bid received by Park Commissioners for improvements to McCoppin Square, 22nd Avenue and Taraval Street.

Work involves:
(1) Resurfacing tennis courts,
(2) Fencing,
(3) Baseball backstop.

Plans prepared by Architect Lewis P. Hobart, 525 Market St., San Francisco.

Board of Pk. Commissioners	$5,189.30
Frank J. Reilly	5,431.00
R. S. Silverberg	5,448 00
O. Monson	5,589.00
M. E. Vukicevich	5,766.00
H. L. Petersen	6,100.00
C. J. Waterhouse	6,109.21
*J. D. Hannah	6,446.29

*Certified check not enclosed; bid rejected.

Bids held under advisement.

35— TUNNELS

CONTRACT AWARDED.

SAN FRANCISCO.—Kemper Const. Co., Ltd., 3701 S. Overland Ave., Los Angeles, at $77,860 awarded contract by the Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 151, for the construction of Tunnel No. 1-B of the Lower Cherry Aqueduct, in Tuolumne County.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED.

AMADOR CO., Cal.—J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $46,450 awarded contract by the State Highway Commission, Sacramento, for about 1.5 miles of grading and surfacing with bituminous treated crushed gravel or stone, road mixed, in Amador County between Martell and Jackson.

CONTRACT AWARDED.

LOS ANGELES CO., Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $35,454.50 awarded the contract by State Highway Commission, Sacramento, for 1.5 miles of grading and paving with asphalt concrete in the City of Monterey Park, Los Angeles County, between Atlantic Blvd. and New Avenue.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until January 31, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing a crushed gravel base course on Sections A and B of Route 51, the Hoopa National Forest Highway, Trinity National Forest, Humboldt County, involving:
(1) 1000 cu. yds. unclassified excav.;
(2) 8.606 mi. fine grading subgrade and shoulders;
(3) 23,000 tons crushed gravel base course;
(4) 500 tons supplemental crushed gravel;
(5) 500 cons crushed gravel screenings;
(6) 58,000 ton miles hauling crushed gravel base course;
(7) 1500 M. gallons watering;
(8) 200 tons liquid asphaltic road material;
(9) 60 each right-of-way monuments.

Plans and specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—Theo. M. Maino, 1424 Mill St., San Luis Obispo, at $3,595 awarded contract by the State Highway Commission, Sacramento, for removing and disposing of trees on 0.6 mile of highway in San Luis Obispo County.

BIDS OPENED

GRAND COULEE DAM, Wash.—David H. Ryan, Coulee Dam, Wash., at $110,505 submitted low bid to the Bureau of Reclamation, Almira, Wash., Jan. 5 under Spec. No. 649-D, for the removal of a side on the highway and construction of railroad, Station 1090 to Station 1101 at Grand Coulee Dam. Complete bids follow:

David H. Ryan, Coulee Dam	$110,505
James Crick, Spokane	117,730
Guy F. Atkinson, S. F.	120,630
Goodfellow Bros., Coulee Dam	126 900
Colonial Constr. Co., Spokane	129,280
J. A. Terteling & Sons, Boise	129,317
Rowland Con. Co., Coulee Dam	138,500
M. S. Ross, Spokane	142,182

PERSHING CO., Nev.,—0.62 Mi. Surfacing—(State)

PERSHING COUNTY, Nevada—Nevada Rock & Sand Co., Inc., 949 East 4th St., Reno, at $13,392.00, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City December 29, for curbs and gutters and surfacing with crushed gravel or stone, a length of 0.62 mile in the city of Lovelock, Pershing County, Route 1, Section B, U.S.P.W. Project NRM 79-D.

The work involves:
(1) 1,800 c.y. roadway excavation;
(2) 700 c.y. structure excavation;
(3) 170 c.y. select borrow (backfill);
(4) 330 c.y. Class A concrete;
(5) 9 c.y. remove concrete;
(6) 50 each remove and reset meter boxes;
(7) 15 each remove trees,
(8) force account, misc. items.
(9) 0.62 mile subgrade,
(10) 1,600 c.y. crushed gravel or stone surface;
(11) 0.62 mile finish roadway.

Total bids follow:
(A) Nevada Rock & Sand Co., Reno, $13,392.00.
(B) Union Paving Co., San Francisco, $13,400.20.
(C) Peninsula Paving Co., San Francisco, $13,808.00.
(D) Silver State Const. Co., Inc., Fallon, $14,464.00.
(E) Dodge Const., Fallon, $17,844.00.
(F) Engineer's estimate, $14,198.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .80	$ 1.00	$ .90	$ .80	$ 1.00	$ 1.00
(2)	1.50	1.00	1.50	1.50	1.50	1.25
(3)	1.00	1.00	1.00	1.00	1.00	1.00
(4)	25.00	26.00	26.00	27.00	30.00	27.00
(5)	5.00	5.00	5.00	5.00	10.00	5.00
(6)	5.00	3.00	6.00	10.00	15.00	5.00
(7)	15.00	5.00	25.00	5.00	20.00	10.00
(8)	150.00	150.00	150.00	150.00	150.00	150.00
(9)	300.00	200.00	200.00	100.00	200.00	200.00
(10)	.90	1.00	1.00	1.25	2.00	1.00
(11)	300.00	10.00	200.00	100.00	500.00	200.00

CHURCHILL CO., Nev.—0.86 Mi. Reconstruction—(State)

CHURCHILL COUNTY, Nev.—Peninsula Paving Co., 9 Main Street, San Francisco, at $42,164.50, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City December 29, for the reconstruction of existing curb, gutter, highway, waterbound base course, retread surface, etc., a length of 0.86 mile in Fallon, Churchill County, Route 2, Section B1 U.S.P.W. Project NRM 49.

The work involves:
(1) 5,600 c.y. roadway excavation;
(2) 3,108 c.y. select borrow;
(3) 120 c.y. structure excavation;
(4) 14,500 sq. yds. subgrade;
(5) 14,500 sq. yds. waterbound base;
(6) 610 c.y. Class A concrete;
(7) 300 lbs. reinforcing steel;
(8) 125 l.f. 8-in. vitrified pipe;
(9) 2 each, monuments;
(10) 10 c.y. remove concrete;
(11) 66 each, remove trees and stumps
(12) 123 tons emulsified asphalt, penetration;
(13) 52 tons emulsified asphalt, mixing;
(14) 1,480 tons coarse aggregate;
(15) 278 tons key rock;
(16) 339 tons screenings;
(17) 500 pounds castings;
(18) force account, misc. items;
(19) 0.86 mile finishing roadway.

Total bids follow:
(A) Peninsula Paving Co., San Francisco, $42,164.50.
(B) Silver State Const. Co., Inc., Fallon, $42,336.25.
(C) Dodge Const., Inc., Fallon, $42,776.00.
(D) Fredrickon & Watson Const. Co., Fredrickson Bros. and Jones and King, Oakland, $43,942.45.
(E) J. A. Casson, Oakland, $44,758.80.
(F) Nevada Rock & Sand Co., Inc., Reno, $44,759.25.
(G) Engineer's estimate, $44,114.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .60	$ .75	$ .65	$ .44	$ .95	$ .90	$ 1.00
(2)	.50	1.00	.50	.40	.60	.55	.50
(3)	1.50	1.50	1.50	1.50	1.50	1.50	1.50
(4)	.09	.05	.08	.12	.10	.09	.08
(5)	.57	.35	.40	.60	.60	.45	.45
(6)	21.00	25.00	27.50	20.00	22.00	28.00	27.50
(7)	.07	.10	.10	.10	.07	.10	.07
(8)	1.00	1.25	1.00	.75	1.00	2.00	.50
(9)	4.00	5.00	3.00	4.00	5.00	5.00	5.00
(10)	5.00	5.00	5.00	2.50	6.00	5.00	5.00
(11)	20.50	30.00	30.00	12.00	25.00	25.00	15.00
(12)	28.00	25.00	23.00	22.00	27.00	27.00	25.00
(13)	30.00	25.00	25.50	24.00	30.00	3.00	27.00
(14)	3.50	3.25	3.00	5.50	3.00	3.40	2.75
(15)	3.50	3.00	3.00	5.50	3.00	3.50	2.90
(16)	3.50	3.00	3.00	5.50	3.00	1.15	2.90
(17)	.15	.10	.20	.10	.20	1.00	.15
(18)	500.00	400.00	500.00	800.00	600.00	300.00	500.00
(19)	250.00	100.00	500.00	150.00	100.00	300.00	150.00

BIDS WANTED

SAN FRANCISCO — Until January 23, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Room 251 City Hall, for the reconstruction of Pacific Avenue between Presidio Ave. and Walnut St. Estimated cost $2783. The work involves:

(1) 6784 sq. ft. 6-in. Class E concrete pavement;
(2) 550 sq. ft. brick pavement, consisting of 6-in. Class F base and a brick wearing surface;
(3) 400 sq. ft. brick replaced alongside concrete center strip;
(4) 40 lin. ft. granite curb redressed and reset;
(5) 350 sq. ft. asphalt concrete conform pavement.

Plans and specifications obtainable from City Engineer John J. Casey, Poom 357 City Hall, upon deposit of $10.

BIDS WANTED.

LOS ANGELES, Cal.—Until Jan. 21, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors for the improvement of Alexander Avenue in the cities of Pomona and Claremont, from Holt Avenue to Cucamonga Ave., a distance of 9904 l.f. or 1.88 miles. Cash Contract No. 447, involving 8,500 tons furnishing and placing asphaltic concrete medium wearing surface.

George W. Jones, Los Angeles County Road Commissioner, 11th floor, Hall of Records. Mame B. Beatty, clerk of the board, 501 Hall of Records.

BIDS WANTED

LOS ANGELES, Cal.—Until January 21, 11 A. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for constructing a 6900-volt transmission line, 4.4 miles in length, to supply power for deep well pumping plants, at the San Xavier Indian Reservation, 10 miles from Tucson, Arizona.

Materials are to be furnished by the Government. F.P. No. 200. Bid No. 0122.

CONTRACT AWARDED

THURSTON COUNTY, Wash.—M. S. Ross, Spokane, at $182,473 submitted low bid and awarded contract by L. V. Murrow, State Director of Highways, Olympia, January 3, for grading about 1.7 miles and constructing channel change and timber bridges, State Road No. 1, Olympia to Nisqually, Section 2, U. S. P. W. Project 171-C, in Thurston County. Complete bids follow:

M. S. Ross, Spokane	$182 473
Allen & Govan, Inc., Olympia	185 911
Goodfellow Bros., Wenatchee	192,724
James Coyle, Seattle	199,903
Colonial Constr. Co., Spokane	201,263
David H. Ryan, Spokane	203,743
Halleran Bros., Seattle	206,065
F. J. Kernan, Faloma	206,554
Redmon-Turner, Inc., Yakima	207,358
Kern & Kibbe, Portland	208 471
Guy F. Atkinson, S. F.	211,771
Lawlor-Woodward Co., Seattle	211 537
Elliott & Co., Inc., Seattle	212,016
Wilder & Montfort, Blaine	215,995
L. Colucio & Co., Seattle	216,663
Max J. Kuney, Spokane	216,876
Graham Bors. & Medley, Chehalis	227,231
Myers & Goulter, Seattle	238,360
Guthrie-McDougal Co., Portland	243,300
The Mirene Co., Portland	248,756
Morrison-Knudsen Co., Boise	249,613
C. L. Creelman, Seattle	268,575
L. J. Dowell, Inc., Seattle	270,016
Alex Besoloff, Seattle	277,694
E. C. Hall, Eugene	287,593

NOGALES, Ariz. — Channel Improvements — (State)

NOGALES, Ariz.—Harry J. Karns, Nogales, Arizona, at $21,424.75, as previously reported, submitted low bid to the International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, for channel improvements, Unit No. 2 (American Section) of the Nogales Flood Control Project, Nogales, Ariz. The work involves:

(1) 270 sq. yds. demolition walls;
(2) 7500 cu. yds. common excavation
(3) 100 cu. yds. rock excavation;
(4) 2800 cu. yds. backfill;
(5) 990 cu. yds. concrete in walls;
(6) 1005 cu. yds. concrete in floor;
(7) 100,000 lbs. placing reinforcing steel,
(8) 4000 sq. ft. ½-in. expansion joints;
(9) 6300 lin. ft. gravel drains;
(10) 45 lin. ft. 12-in. standard vitrified pipe.

Total bids follow:

(A) Harry J. Karns, Nogales, $21,425.75.
(B) R. E. McKee, El Paso, $28,548.40.
(C) Borderland Constr. Co., Tucson, $28,833.75.
(D) Jay J. Garfield Bldg. Co., Tucson $32,573.50.
(E) T. A. Allen Constr. Co., Los Angeles, $41,828.
(F) Del E. Webb, Phoenix, $51,780.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(A)	$1.50	$ .35	$3.00	$ .30	$ 9.00	$ 6.35	$ .003	$ .16	$ .06	$1.00
(B)	.72	.60	2.00	.25	11.50	8.00	.009	.25	.24	2.60
(C)	2.50	.50	3.25	.25	10.00	9.25	.013	.30	.25	2.50
(D)	1.10	.73	1.50	.18	13.50	8.00	.015	.40	.25	1.50
(E)	1.40	.64	2.20	.45	17.00	12.50	.018	.55	.26	3.10
(F)	5.00	1.25	7.50	.50	17.00	16.00	.02	.20	.50	1.00

COCONINO CO. Ariz.—10.6 Mi. Grade&Base Course (State)

COCONINO COUNTY, Ariz.—Skousen Bros., Albuquerque, N. M., at $75,796.58, as previously reported, submitted low bid to the Arizona State Highway Commission Phoenix, Dec. 27, for construction on the Flagstaff-Fredonia Highway, A. F. E. 8956. The work, which is to begin at the forest boundary about 28 miles north of Flagstaff, and extend northerly toward Cameron about 10⅔ miles, consists of the grading, draining, and placing of hase course. The work involves:

(1) 45,625 cu. yds. rdwy. exvac. unclass.;
(2) 2872 cu. yds. drainage excav. unclass.;
(3) 581 cu. yds. struc. excav. unclass.
(4) 48,637 cu. yds. borrow excav. unclass.;
(5) 26,462 sta. yds. earthwork overhaul;
(6) 1517 cu. yds. mi. earthwork haul;
(7) 21,807 cu. yds. aggregate base course;
(8) 34,838 cu. yd. mi. do, haul;
(9) 101 cu. yds. Class A concrete, including cement;
(10) 5503 lbs. reinf. steel (bars) CIP;
(11) 48 lin. ft. 18-in. C.M.P. (CIP inc. bands);
(12) 398 lin. ft. 24-in. do;
(13) 134 lin. ft. 30-in. do;
(14) 518 lin. ft. 36-in. do;
(15) 148 lin. ft. 42-in. do;
(16) 1 each cattle guard (28-ft. rdwy.) Type CG-i; CIP;
(17) 2 each cattle guard side road, Type CG-i; CIP;
(18) 112,286 lin. ft. standard line fence CIP;
(19) 6 each standard line fence gates CIP;
(20) 2 each 48-ft. wire sheep gates CIP;
(21) 10,400 lin. ft. grader ditches;
(22) 50 each R/W markers CIP;

STRUCTURES OVER 20-FT. CLEAR SPAN

(23) 1990 cu. yds. drainage excavation unclass.;
(24) 412 cu. yds. struc. excav. unclass.
(25) 268 cu. yds. Class A conc. including cement;
(26) 23,925 lbs. reinf. steel (bars) CIP

Total bids were:

(A) Skousen Bros., Albuquerque, $75,796.58.
(B) K. DeWitt, Mesa, $79,030.34.
(C) R. C. Tanner and W. E. Hall Co. Phoenix, $79,189.34.
(D) Daley-Vinson - Pringle, Phoenix, $79,324.31.
(E) Hodgman & MacVicar, Pasadena, $79,577.35.
(F) Lee Moor, Ey Paso, $96,311.32.
(G) H. J. Hagen, Globe, $101,665.32.
(H) Martin Bros. Trucking Co., Long Beach, $114,075.26.
(I) Pearson & Dickerson Contractors Inc., Prescott, $116,270.70.
(J) Morrison-Knudsen Co., Los Angeles, $121,715.61.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .66	$ .60	$ .52	$ .45	$ .57	$ .75	$ .80	$ .70	$ .90	$ .82
(2)	.30	.25	.26	.25	.27	.75	.30	.66	.45	.82
(3)	1.00	1.50	1.25	1.00	1.00	1.50	1.00	1.75	1.55	1.50
(4)	.20	.20	.27	.28	.25	.35	.30	.60	.50	.40
(5)	.04	.04	.04	.04	.03	.03	.03	.04	.025	.03
(6)	.40	.30	.33	.25	.30	.20	.50	.25	.38	.30
(7)	.28	.40	.40	.50	.35	.48	.50	.60	.60	.77
(8)	.095	.10	.16	.125	.11	.10	.20	.12	.13	.30
(9)	25.00	23.00	22.00	25.00	24.00	18.20	25.00	24.00	25.00	30.00
(10)	.06	.06	.055	.058	.06	.05	.06	.07	.06	.10
(11)	1.50	2.10	1.75	2.00	2.00	1.85	2.00	2.30	3.00	2.09
(12)	2.50	3.10	2.50	3.10	3.00	2.78	3.00	3.20	4.00	2.80
(13)	3.50	3.50	3.10	3.90	4.00	3.40	4.00	3.70	5.50	4.00
(14)	5.00	4.80	4.50	5.90	5.50	5.20	6.00	6.00	7.00	5.00
(15)	6.00	6.00	5.00	6.90	7.00	6.00	7.00	8.00	8.75	7.00
(16)	450.00	400.00	450.00	500.00	425.00	460.00	400.00	500.00	580.00	500.00
(17)	250.00	230.00	250.00	290.00	225.00	270.00	200.00	300.00	390.00	300.00
(18)	.055	.08	.07	.068	075	.085	.08	.09	.07	.08
(19)	10.00	16.00	25.00	15.00	20.00	15.00	25.00	30.00	13.00	25.00
(20)	20.00	4.00	25.00	25.00	6.00	6.00	25.00	20.00	13.00	25.00
(21)	.04	.05	.05	.04	.04	.06	.07	.06	.04	.10
(22)	2.00	2.50	2.50	2.50	4.00	3.50	4.00	3.00	3.25	3.00
(23)	.30	.25	.26	.25	.27	.75	.30	.66	.45	.82
(24)	1.00	1.50	1.25	1.00	1.00	1.50	1.50	1.75	1.55	1.50
(25)	20.00	21.00	22.00	25.00	24.00	18.00	25.00	24.00	25.00	30.00
(26)	.06	.06	.055	.058	.06	.05	.06	.07	.06	.10

CONTRACT AWARDED

SKAMANIA COUNTY, Wash. Orino & Nyberg, 507 Realty Bldg., Spokane, at $129,792.20 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, January 3, for grading about 2 miles of State Road No. 8, Cooks East to Underwood West, U. S. P. W. Project 112-3, and Underwood Vicinity, U. S. P. W. Project 81, in Skamania County. Complete bids follow:

Orino & Nyberg, Spokane	$129,792
Elliott & Co., Inc., Seattle	201,970
Colonial Constr. Co., Spokane	223,046
Myers & Goulter, Seattle	223,532
J. D. Harms, Inc., Seattle	225,957
Tony Murazzo, Spokane	237,066
L. Colucci & Co., Seattle	248,495
Kern & Kibbe, Portland	252,764
Morrison-Knudsen Co. Boise	265,024
The Mirene Co., Portland	266,062
L. Romano Eng. Corp., Seattle	273,321
A. C. Greenwood Co., Portland	288,315
Earl L. McNutt, Engrave	288,908
Guthrie-McDougal Co., Portland	317,267

CONTRACT AWARDED.

GRAND COULEE DAM, Wash. Standard Asphalt Paving Company, 603 Chronicle Bldg., Spokane, at $94,839 awarded contract by the Bureau of Reclamation, Almira, Washington, under Spec. N. 581, for the construction of highway, street, alley and parking area surfacing; sidewalks, curbs and gutters, catchbasins, and storm sewers for the Government Camp at Grand Coulee Dam, about 22 miles northwest of Almira, Wash.

CONTRACT AWARDED

CLARK COUNTY, Wash. — United Contracting Co., 311 Stock Exchange Bldg., Portland, at $11 806.50 submitted low bid and awarded contract by L. V. Murrow, State Director of Highways, Olympia, January 3, for paving with Portland cement concrete and asphaltic concrete about 0.7 mile of State Road No. 8 in the City of Camas, U. S. P. W. Project NRM 44 in Clark County.

Washington Asphalt Co., Seattle, at $12,656 submitted the only other bid.

CONTRACT AWARDED.

LEWIS CO., Wash.—Sam Orino, E. 3104 Boone Ave., Spokane, at $60,456.80 awarded contract by the Bureau of Public Roads, Portland, for 0.4394 mi. of grading on the Randle - Yakima Highway Grading Project FHEC-13-M2, National Forest Road Project, in Rainier National Forest, Lewis Co.

DOUGLAS CO., Nev.—3.86 Mi. Grading & Surfacing—State

DOUGLAS COUNTY, Nev. Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, 873 81st Ave., Oakland, Calif., at $59,918.84, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, December 29, for grading, surfacing and erecting timber bridge in Douglas County from four miles south of Minden to the State Line, a length of 3.86 miles, U.S.P.W. Project NRS 122-B.

The work involves:

(1) lump sum, remove buildings.
(2) 23,430 l.f. remove fence;
(3) 78 l.f. remove culvert pipe;
(4) 46 c.y. remove concrete culverts;
(5) 33,300 c.y. roadway excav.;
(6) 7,482 sta. yds. overhaul;
(7) 18,502 c.y. select borrow;
(8) 16,070 c.y. imported borrow;
(9) 1,050 c.y. struc. excavation;
(10) 3.85 miles subgrade;
(11) 3.86 miles finish roadway;
(12) 13,000 tons crushed gravel or stone surface;
(13) 107 c.y. Class A concrete;
(14) 90 c.y. Class B concrete;
(15) 12,000 lbs. reinforcing steel;
(16) 35.5 MFBM redwood;
(17) 1,008 l.f. treated piles;
(18) 36 each drive treated piles
(19) 21 c.y. cement rubble masonry.
(20) 1,406 l.f. 18-in. CMP.
(21) 1,256 l.f. 24-in. CMP.
(22) 250 l.f. 30-in. CMP.
(23) 44 l.f. 36-in. CMP.
(24) 88 l.f. 24-in corru. metal siphon pipe;
(25) 106 l.f. 30-in do.
(26) 30 c.y. hand laid riprap.
(27) 16 each monuments.
(28) 41,141 l.f. construct fence;
(29) lump sum, move power line;
(30) 118 l.f. sewer pipe 3-in.;
(31) 332 l.f. remove and relay sewer pipe.

Total bids follow:

(A) Fredrickson & Watson, et al, Oakland, $59,918.84.
(B) Nevada Rock & Sand Co., Reno, $66,773.26.
(C) Union Paving Co., San Francisco, $70,742.69.
(D) Isbell Const. Co., Carson City, $73,372.15.
(E) Dodge Const. Co., Fallon, $77,408.01.
(F) Peninsula Paving Co., San Francisco, $78,488.40.
(G) J. A. Casson, Oakland, $83,758.58
(H) Engineer's estimate, $69,540.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$2500.00	$2000.00	$1900.00	$2500.00	$2500.00	$2400.00	$3000.00	$2000.00
(2)	.03	.03	.03	.04	.04	.03	.03	.03
(3)	.50	.75	.50	1.00	1.00	.50	1.00	.75
(4)	3.50	10.00	3.00	6.00	7.50	8.00	10.00	10.00
(5)	.25	.30	.40	.40	.40	.40	.50	.35
(6)	.03	.02	.03	.02	.03	.04	.03	.04
(7)	.45	.40	.50	.45	.50	.55	.60	.45
(8)	.25	.35	.50	.40	.40	.55	.60	.40
(9)	1.25	1.50	1.50	1.50	1.50	2.00	1.25	1.00
(10)	150.00	100.00	100.00	100.00	100.00	100.00	150.00	100.00
(11)	150.00	150.00	100.00	100.00	150.00	250.00	150.00	100.00
(12)	.80	.55	.80	1.00	1.00	.90	.92	.85
(13)	25.00	30.00	25.00	30.00	30.00	30.00	27.50	30.00
(14)	24.00	30.00	25.00	30.00	30.00	30.00	27.50	30.00
(15)	.06	.08	.05	.07	.07	.07	.07	.07
(16)	100.00	125.00	120.00	110.00	120.00	130.00	125.00	120.00
(17)	.70	1.00	.50	.75	.90	.75	1.00	.75
(18)	15.00	30.00	20.00	25.00	30.00	25.00	30.00	25.00
(19)	9.00	15.00	12.00	15.00	15.00	15.00	20.00	12.00
(20)	1.80	2.25	1.50	1.80	2.00	1.65	1.90	2.00
(21)	2.60	3.00	2.50	2.60	2.75	2.60	2.70	2.75
(22)	3.40	4.00	3.00	3.25	3.50	3.25	3.40	3.25
(23)	5.00	6.00	5.00	5.00	5.00	5.00	4.75	5.00
(24)	5.00	5.50	3.00	4.00	5.00	5.65	5.50	3.50
(25)	7.00	7.00	3.50	6.00	7.00	7.25	6.75	4.50
(26)	3.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00
(27)	3.00	4.00	3.00	3.50	3.00	3.00	3.75	4.00
(28)	.08	.12	.13	.11	.15	.12	.12	.12
(29)	500.00	300.00	500.00	500.00	300.00	400.00	450.00	250.00
(30)	.60	1.00	.50	1.00	1.00	1.00	1.00	1.00
(31)	.50	1.00	.50	.75	1.00	1.00	1.00	.75

REDDING, SHASTA CO. — OVERHEAD CROSSING — (STATE)

SHASTA COUNTY, Cal.—Campbell Constr. Co., 800 R St., Sacramento, at $28,979.15 submitted low bid to the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Co. at Redding, Shasta County, consisting of one 40-ft. 0-in. steel girder span, two 30-ft. 0-in. steel girder spans on concrete piers, and approximately 237 feet of timber approaches. The work involves:

(1) 600 cu. yds. structural excav.;
(2) 580 cu. yds. Class A Portland cement concrete;
(3) 52 cu. yds. Class do;
(4) 58,000 lbs. bar reinforcing steel;
(5) 76,000 lbs. structural steel;
(6) 41 MFBM redwood timber, dense, select all heart struc. grade;
(7) 41 MFBM redwood timber, select all do;
(8) 674 lin. fe. timber railing ;
(9) 2 each electroliers;
(10) 1 lot miscellaneous items of work

Total bids follow:

(A) Campbell Constr. Co., Sacramento $28,979.15.
(B) C. W. Caletti & Co., San Rafael, $30,312.
(C) Fred J. Maurer & Sons, Eureka, $30,511.
(D) John Carcano, San Rafael, and A. H. Slemar, San Anselmo, $31,156.
(E) Nelson & Wallace, Escalon, $32-182.
(F) B. A. Howkins S. F., $32,539.
(G) L. C. Seidel, Oakland, $33,068.
(H) M. B. McGowan, Inc., San Francisco, $33,487.
(I) Harry J. Oser, S. F., $34,154.
(J) A Young Yreka $36,683.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 1.25	$ 1.50	$ 1.25	$ 1.50	$ 1.50	$ 1.00	$ 2.50	$ 1.50	$ 1.50	$ 1.65
(2)	16.35	16.50	17.50	18.00	21.00	20.00	21.00	15.00	20.00	21.25
(3)	13.00	18.50	15.00	17.50	20.00	17.50	17.00	10.60	13.50	19.80
(4)	.0425	.04	.047	.046	.045	.05	.044	.05	.045	.0464
(5)	.067	.063	.072	.066	.065	.07	.062	.10	.0175	.072
(6)	88.00	93.00	82.00	95.00	96.00	100.00	92.00	100.00	100.00	121.00
(7)	92.75	93.00	89.00	91.00	87.00	100.00	92.00	120.00	115.00	114.00
(8)	3.60	3.75	3.00	4.00	3.50	3.50	4.00	5.00	4.50	3.25
(9)	138.00	82.50	100.00	150.00	75.00	75.00	100.00	100.00	85.00	100.00
(10)	400.00	1453.50	1400.00	600.00	500.00	500.00	800.00	277.00	600.00	2150.00

Section 4354, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

PACIFIC CONSTRUCTOR Daily News Service

is compiled by

the oldest and most complete organization of its kind in Northern California

furnishing

Reliable and accurate reports on work planned, calls for bids, results of bid openings, and contract awards in the Engineering Construction field

COMPLETE RELIABLE
ACCURATE

PACIFIC CONSTRUCTOR

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Nevada Budgets $3,752,000 for Highways

Modesto Transmission Line Bids Called

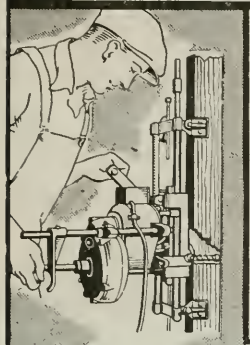
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

JANUARY 19, 1935

Vol. XVIII—No. 3

WAPPAT Electric TOOLS



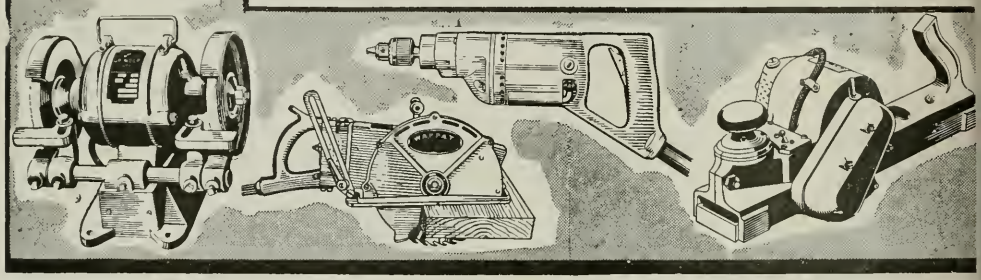
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JANUARY 19, 1935 No. 3

BIDS FEB. 11 ON TRANSMISSION LINE ADDITION

Modesto Irrigation District Also Taking Proposals on Canal Repairs

Bids for installation of a second circuit on the transmission line of the Modesto Irrigation District between Modesto and the Don Pedro powerhouse and for repairs and relining in the canals and laterals of the district will be opened within the next four weeks. Both projects are being financed by proceeds of a $177,000 bond issue together with a PWA grant of approximately $48,000 which were approved at a special election last October.

Proposals for the transmission line work will be opened by district directors February 11. Alternate bids for furnishing materials only and for the job complete are being taken. The work, for which $60,000 has been appropriated, involves 192,000 pounds bare copper cable, insulators and hardware including 5000 suspension insulators, 966 suspension insulator hooks, suspension insulator clamps and dead end clamps; one three-hole 69 K.V. oil circuit breaker, and furnishing all labor, materials and transportation for the entire project.

The district will open bids Jan. 29 for construction of two-inch concrete lining and reinforced concrete outlet headwalls in the canals and laterals of the district, and for furnishing all materials except cement for the repair of old lining by guniting. The work is separated into two groups, the first involving 341,330 square feet of 2-inch lining, 57,450 square feet of gunite and about eight cubic yards reinforced concrete, while the second includes 257,096 square feet of two-inch lining and about 16 cubic yards of reinforced concrete. A large portion of the canal repair work included under the original appropriation is already under contract.

BIDS ON PLUMAS BRIDGE REJECTED

SACRAMENTO, Jan. 16.—One contract was awarded and bids on another were rejected by the State Highway Commission here today. C. O. Sparks, 2309 East Ninth street, Los Angeles, received a contract for grading and surfacing with asphalt concrete about one and six-tenths miles in Ontario, San Bernardino county, at $23,526. Bids received December 19 for construction of a reinforced concrete bridge across the North Fork of Feather River at Rock Creek, Plumas county, were rejected and the project will be readvertised. Peninsula Paving Co. of San Francisco was low bidder on the bridge, with a proposal of $63,768.

Vote February 14 on $46,000 Bonds for High School

A special election has been called by the Cloverdale High School District in Sonoma County February 14, at which time voters of the district will pass on a $45,600 bond issue to finance construction of a high school building.

Plans for the building, which have been prepared by Architects Herbert & Caulkins of Santa Rosa, call for a one-story building of frame and stucco construction.

The Public Works Administration has allotted $46,500 to the project. In case the bonds are approved one-third of the cost of labor and materials will be donated by the PWA as an outright grant.

Another special election for approval of school bonds is under consideration in Santa Clara county, where the San Martin School District plans to place an $11,000 issue before voters of the district. It is expected that application will be made to the SERA for labor for the project, funds provided by the bond election being used for the purchase of materials.

NEVADA BUDGETS $3,752,000 FOR HIGHWAY WORK

State Revenues and Federal Aid Expenditures in 1935 Allocated

A tentative budget for the calendar year 1935 has been adopted by the Nevada State Highway Directors providing for expenditure of $4,406,600 of which $3,752,600 is for construction. The budget is predicated on allotment of $1,595,000 federal air funds from the 1935-36 authorization by Congress.

Estimated expenditures for the calendar year are distributed as follows:

Construction and reconstruction	$3,752,600
General maintenance	555,467
Specific maintenance	63,033
Administration	31,500

The estimated receipts, amounting to $4,913,000, about half a million dollars more than the estimated expenditures, are listed as follows:

Federal funds	$3,673,000
Gasoline tax	850,000
License fees	220,000
Truck fees	125,000
Property tax	45,000

The construction program calls for 137.11 miles of new highway costing $1,099,000 and the reconstruction and surfacing with gravel, oil, asphalt or cement of two hundred miles of highway. In addition 239 miles of bituminous treated surface to be laid at a cost of $601,000.

The allotment to each county for construction and maintenance follow:

Churchill	$219,706
Clark	343,922
Douglass	76,558
Elko	648,808
Esmeralda	234,469
Eureka	20,643
Humboldt	344,718
Lander	195,330
Lincoln	212,703
Lyon	256,501
Mineral	516,481
Nye	397,688
Ormsby	4,419
Pershing	18,989
Storey	58,586
Washoe	148,124
White Pine	325,764

MET. DISTRICT ORDERS $7,000,000 JOB SUSPENDED

"Unreasonable Delay" of Contractor on San Jacinto Tunnel Cited

Suspension of the $7,000,000 contract of Wenzel and Henoch Construction Company for completion of San Jacinto tunnel on the Colorado River Aqueduct was announced yesterday in Los Angeles by General Manager F. E. Weymouth of the Metropolitan Water District.

Failure of the contractor to maintain a satisfactory progress schedule with the result that delay in opening of the aqueduct was feared was given by Mr. Weymouth as the reason for suspension. The contract was signed March 17, 1933, and was to be completed Dec. 17, 1938. The contractors are now 7 months behind schedule, Mr. Weymouth reported.

Announcing the suspension the general manager said:

"Although approximately 30 per cent of the contract period has expired, the work on San Jacinto tunnel is only about 17 per cent completed. The topographic conditions are such that it is necessary to drive 8.2 miles of tunnel between two shafts on this section, and of this 8 2 miles, less than one mile has been excavated. Only 28 feet of this critical portion were excavated in November, only 127 feet in December, and none in January, as against a rate required for timely completion of at least 800 feet per month. The contract has therefore been suspended because the construction of the tunnel was being unreasonable and unnecessarily delayed.

"Construction problems of the San Jacinto tunnel are not insurmountable. Plans are ready for the vigorous prosecution of the work with an experienced organization."

HOUSING BROADCAST SPONSORED BY G-E

A radio program broadcast Sunday afternoons under the sponsorship of General Electric Company will turn the time over to the Federal Housing Administration in the interest of better housing and home modernization, according to G-E representatives.

Each week an outstanding American will appear on the program, while other features will be talks on "What Home Means to Me." These brief talks will be given by people in various walks of life—such as a marine lighthouse keeper or a miner They will be given a touch of the dramatic by having the broadcast made by remote control from a lighthouse at sea or from a mine far beneath the earth's surface. Folk lore songs will be used each week as the musical background.

Legislature Gets Bill to Divert Gas Tax Money

Diversion of the state gasoline tax is proposed in a bill now before the state legislature offered by Assemblyman E. V. Latham of Los Angeles county.

Latham's bill would transfer $16,500,000 of gas tax funds now used for the construction of roads to the general funds for the payment of interest and principal on highway bonds. The transfer would be effective from 1935 to 1939.

Latham contends the transfer would be fair, as the bond money was spent in 1926 for highway construction and motorists still are enjoying the benefits of the roads.

Governor Frank F. Merriam recently announced he would support the state department of public works in opposing diversion of the gas tax funds. The opponents of diversion have pointed out the use of the gas tax money for highway construtcion has given employment to thousands of men and diversion would mean more unemployment. The state also might lose federal grants made on a participating basis.

The elimination of gasoline tax refunds on fuel used by airplanes is sought in a bill introduced by Assemblyman Harry Riley of Los Angeles county. He would use the money for the development of airports throughout the state. The money could be spent only for the construction and maintenance of runways and the purchase of equipment.

Hydroelectric Power Potential Estimated For Smith River

Potential power of the Smith River sytem, the drainage area of which comprises Del Norte county, is estimated in a report by Nelson J. Tubbs, hydraulic engineer, of the Geological Survey, Department of the Interior, to be 41,400 horsepower for 90 per cent of the time and 285,000 for 50 per cent of the time, without storage. With storage and regulation for the benefit of power, it would be 72,500 horsepower for 90 per cent of the time and 262,000 horsepower for 50 per cent of the time.

Storage is feasible on the South Fork only. Of the power obtainable without storage the main stream would furnish about 16 per cent at one site, the North Fork 25 per cent at five sites, the Middle Fork 6 per cent at one site, and the South Fork 53 per cent at seven sites. Storage would increase the output of the South Fork so that it would produce 73 per cent of all the potential power in the basin for 90 per cent of the time.

This report may be consulted at the district office of the Geological Survey in San Francisco, or at the main office in Washington, D. C.

OSWALD BROS. LOW BIDDER ON RIVERSIDE JOB

Nine Contractors Offer Proposals For Shavers Summit Work

LOS ANGELES, Jan. 17 — Low bid for grading and surfacing about four miles in Riverside county was submitted to State Highway Engineer here today by Oswald Bros. of Los Angeles, with a proposal of $103,254.

The work is located between Shavers Summit and four miles west of that point in Riverside county, and involves grading and surfacing with bituminous treated crushed gravel or stone.

Complete bids submitted on the project were as follows:

Oswald Bros., Los Angeles	$103,254
V. R. Dennis Const. Co., San Diego	$106,748
Geo. Herz & Co., San Bernardino	109,425
Sharp and Fellows Contr. Co., Los Angeles	111,032
Fredrickson & Watson Const. Co., and Fredrickson Bros., Oakland	111,355
A. Teichert & Son, Inc., Sacramento	112 332
Heuser & Garnett, Glendale	112,686
Daley Corp., San Diego	117,042
Geo. J. Bock & Son, L. A.	120,794

Among the major items included in the contract are 88,500 cu. yds. of unclassified roadway excavation; 175,000 station yards overhaul; 193-000 cubic yards ditch excavation; 548 feet of corrugated metal pipe; 11,300 tons gravel or stone; 500 tons cutback asphalt; 48,100 sq. yds. preparing, mixing and shaping the roadbed; 286,000 feet of creosoted Douglas fir timber; 9,108 feet of creosoted Douglas fir piles; driving 414 piles, and 22,800 pounds of structural metal.

Bids Jan. 29 on Kingman-Boulder Highway Grading

The U. S. Bureau of Public Roads has called for bids, to be opened in San Francisco January 29, for grading and subgrade reinforcement on about two and three-tenths miles of the Kingman-Boulder Dam Highway in Mojave county, Arizona.

Location of the work is Section D of Federal Lands Highway Project No. 2, the Kingman - Boulder Dam Highway.

Among the major items included in the contract and estimated quantities involved are 90,000 cu. yds. unclassified excavation; 110,000 sta. yds. overhaul; 9,000 cu. yds. subgrade reinforcement; 622 cu. yds. concrete; 52,000 pounds reinforcing steel; 604 feet of corrugated metal pipe, and 10,100 feet of guard rail.

Constitutionality of NRA Wage-Hour Rules To Stand on Pending Lumber Code Decision

With disposal by the United States Supreme Court of the combined suits of the Amazon Petroleum Corporation and the Panama Refining Company, resulting in a decision invalidating Section 9 (c) of the National Industrial Recovery Act, interest in the destiny of the Act at the hands of the nation's highest tribunal now centers on the Belcher case, in which an appeal was taken a few days ago by the Department of Justice from the decision of Judge W. I. Grubb, in United States District Court at Birmingham, Ala. Judge Grubb dismissed an indictment against Wm. E Belcher, Alabama sawmill operator, for violations of the wage and hour provisions of the Lumber Code, stating the Recovery Act exceeds the constitutional powers of Congress and contains an unlawful delegation of legislative power to the President. The Grubb decision also sustained a contention that the Lumber Code is an unlawful encroachment on State rights, and constitutes taking property without due process of law.

Inasmuch as the decision in the oil case dealt with a provision affecting the oil industry only, thus leaving the constitutionality of the balance of the Recovery Act still undetermined, it is expected that the Act as a whole will stand or fall by the outcome of the Belcher case. Not only was the decision of Judge Grubb sweeping in its application to the Act, but the Belcher case goes straight to the Act's core and basic principle, control of the wages and hours under which labor is employed. How far can the Federal government go in regulating these factors? The answer to that vital question may be supplied in the Supreme Court's decision.

For purposes of reviewing in practical application the wage and hour fundamental of the Recovery Act, probably no case wherein the issues involved have been more sharply drawn could come to the Court's attention than that provided by Belcher, the NRA, and the Lumber Code. It is unlikely that any other has thrown into bolder relief the opposing economic philosophies of unrestrained individualism in business and co-operative regulation of an industry by its member firms under governmental grant of authority. No case testing the purposes of the Recovery Act in the lower courts has been harder fought nor longer contested.

Efforts by the Lumber Code Authority and the NRA to obtain compliance by Belcher began in September, 1933. When hope of voluntary compliance at the Belcher mills was finally abandoned, the case was placed in the hands of the Department of Justice, which began proceedings last January. Litigation was later held in abeyance, however, pending further negotiations for bringing the Belcher mills under the Code, but insistence by the NRA Compliance Division that Belcher make full restitution of all back wages due his employees for the period of the Lumber Code's operation prevented a final settlement, and Belcher was indicted by a Federal Grand Jury on May 23.

Among the documents submitted in the original complaint by the Lumber Code Authority and the Southern Pine Association, administrative agency for the Authority in the Southern pine division, were an affidavit to the effect that laborers at the Belcher mills stated their hours of work were unlimited and their pay 15 cents an hour, an affidavit that laborers had received as little as 10 cents an hour, and an admission by Belcher that he had not been operating under the Code. The minimum hourly wage applicable to workers in the lowest brackets at the Belcher type of operation is fixed by the Lumber Code at 24 cents, with a maximum work week of 40 hours.

WILL ASK BIDS ON ADDITION TO OAKLAND DOCK

Preparing Specifications For $159,000 Outer Harbor Project

Specifications for a 300-foot extension to the dock at the Oakland outer harbor, cost of which is estimated at approximately $159,000, are being prepared by the Engineering Department of the Oakland Port Commission. It is expected that bids will be asked immediately following completion of the specifications.

Plans for the work include a creosoted apron, concrete bulkhead wall along the front and rear of the extension, two shipside railroad tracks, two depressed tracks along the rear of the retaining wall, and asphalt surfacing.

A grant of $44,500 to assist in financing the project has been made by the Public Works Administration.

Original plans for the work called for an expenditure of approximately $540,000. The city council, however, failed to give its approval to the Port Commission's plans for financing the extension. Subsequently, plans for the project were revised, and it was agreed that the work should be done with funds which the Commission has on hand, together with the amount provided in the PWA grant.

EARTHQUAKES TOTAL 119 IN YEAR, REPORT

Wide Range of Shocks Recorded During 12 Months By U. C. Professor

Earthquakes in northern California during the period October 1, 1932, to March 31, 1933, totaled 119, it is reported by Perry Byerly, associated professor of seismology in the University of California

They ranged all the way from microseismic shocks to the great Nevada earthquake of December 20, 1933, which was felt by 128 California towns and cities.

In the current issue of the Bulletin of the seismographic stations, published by the University of California Press, Professor Byerly, assisted by Neil R. Sparks, former research assistant in seismology, registers and describes all the earthquakes of northern California occurring during that period, and lists all others recorded on the instruments at Berkeley, Mount Hamilton, Palo Alto and San Francisco.

The intensities of shocks are measured according to the Rossi Forel scale. There are ten degrees of intensity. A microseismic shock is one felt by an experienced observer. An extremely feeble shock is one felt by a small number of persons at rest.

A very feeble shock is one felt by several persons at rest and yet is strong enough for the direction or duration to be appreciated. A feeble shock is felt by persons in motion and is characterized by disturbances of movable objects, doors and windows, and creaking of ceilings and walls

When the shock is felt generally by everyone it is described as a shock of moderate intensity. There is a disturbance of furniture and beds, and ringing of swinging bells. In a fairly strong shock, there is a general awakening of sleeping persons, general ringing of swinging bells, oscillation of chandeliers, stopping of pendulum clocks, visible agitation of trees and shrubs, and leaving of dwellings by startled perons.

In a strong shock there is overthrowing of movable objects, falling of plaster, ringing of church bells, general panic, without damage to buildings. A very strong shock is described as one where chimneys fall, and cracks appear in walls of buildings.

Where partial or total destruction of some buildings occurs, the earthquake is described as an extremely strong shock. In shocks of extreme intensity, there is disturbance of the strata, fissures appear in the ground, there are rock-falls from mountains, there are land slides, and buildings are ruined.

CODE AUTHORITY FINDS IMPROVED NRA COMPLIANCE

Decentralization of Administration to Assist Enforcement of Agreements

Improvement in compliance with the provisions of the construction code was noted by the executive committee of the Construction Code Authority at its meeting held in Washington January 4. Satisfaction was expressed with the new NRA procedure whereby hearings by compliance boards on alleged violations are being decentralized to regional offices. NRA has defined the territory within the jurisdiction of each region and designated all but a few of the regional directors. Action on compliance procedure has been appreciably speeded up.

Code officials are further encouraged by the action of the New Orleans Public Belt Railroad Commission, acting on recommendation of the government contracts branch of the compliance division of NRA, in rejecting the low bid on the lighting sytem for the Mississippi River bridge because of failure to file a duplicate bid in the bid depository established under the electrical contractors' chapter. Under the circumstances the awarding authority desired to reject all bids and re-advertise, and NRA issued an administrative order relieving the bidders of the code requirement not to re-submit bids within ninety days from the rejection of bids, in order that the project might not be unduly delayed.

Announcement has been made of the approval of additional area agreements under the construction code fixing wage, hour and other working conditions for specific divisions in specified areas. Only ten such agreements have been approved to date, although several hundred have been filed; public hearings have been held on fifty. Six of the ten area agreements approved involve the painting, paperhanging and decorating division. However, this division desires to stabilize wage rates more quickly than through the time-consuming procedure of area agreements and has presented to NRA proposed amendments to its chapter of the code to establish minimum rates for skilled labor according to a sliding scale beginning at 60c. per hour and running to $1.00 per hour in trading areas of various populations. Public hearing on these amendments has been scheduled for January 24 in Washington.

The executive committee of the Construction Code Authority received the report of the special committee authorized at the meeting in Knoxville, December 7, to review and decide certain controversies between the general contractors and mason contractors divisional code authorities involving payment of assessments and proposed amendment to the definition of the mason contractors chapter.

Announce Contest Featuring Design For Steel Bridge

The annual steel design competition sponsored by the American Institute of Steel Construction and offering two cash prizes of $100 and $50, respectively, for the designs placed first and second has been announced by Clyde MacCornack, chairman of the committee on aesthetic design of steel bridges.

The competition is open to registered students of structural engineering and architecture in recognized technical schools of the United States, according to Mr. MacCornack's announcement. Preliminary drawings must be received at the executive offices of the American Institute of Steel Construction, 200 Madison Ave., New York City, not later than March 16, 1935. The subject of the competitive design is a steel grade crossing elimination bridge.

The bridge carries a highway in a straight line over and beyond a railroad and another highway parallel to the railroad. The railroad tracks are at a right angle to the longitudinal axis of the bridge.

Suitable connections for two-lane traffic must be provided between the highways that cross each other. It is to be assumed that two parcels of land have been acquired for the purpose of these connections, each 200 ft. by 200 ft. There must be no crossing of lines of traffic where such traffic enters or leaves the bridge at the upper through highway.

The railroad right of way is 60 ft. wide, as is also the right of way of the parallel highway. The right of way for the upper highway is 100 ft. wide.

A center pier may be located at the dividing line between the railroad and highway, if it is desired to develop a two-span layout. Such a pier must not be wider than four feet nor extend more than four feet above the ground.

The terrain is flat and the maximum permissible grades on the approaches and highway connections are five per cent.

The width between curbs on the bridge is 32 ft., providing for three lanes of traffic. As the structure is located in the open country there is to be no provision for sidewalks, or for lighting.

The elevation of the railroad rails is the same as for the crown of the parallel highway, and the minimum vertical clearance from the top of rail to the underside of bridge is 22 ft. Full minimum vertical clearance must be provided for a width of 45 ft horizontally over the middle portions of the railroad and the highway crossed by the bridge. Thus, if a two-span layout is desired the vertical clearance of 22 ft. need not be maintanied within 7 ft. 6 in. of the abutments or within 7 ft. 6 in. of the center line of the pier; or, if a single-span layout is used, the full minimum vertical clearance need not be maintained within 7 ft. 6 in. of the abutments.

NATIONAL CHIEFS OF CONSTRUCTION ON A.G.C. PROGRAM

Government Dept. Heads Accept Invitations to Address Contractors

Announcement of the acceptance by five of the more than a score of nationally known construction authorities who have been invited to address the sixteenth annual convention of the Associated General Contractors of America, January 28 29 and 30, at the nation's capital, has been made by E. J. Harding, managing director of the association.

Major General Edward M. Markham, chief of the U. S. Army Corps of Engineers, Thomas H. MacDonalds, chief of the U. S. Bureau of Public Roads, H. O. Schermerhorn, of the New York State Department of Public Works, Col. Willard T. Chevalier, vice - president of the McGraw-Hill Publishing Co., New York, and former Special Assistant United States Attorney General William E. Hayes have each accepted assignments on the contractors' program, which will include a detailed symposium on construction prospects for 1935.

Construction possibilities in the Mississippi Drainage Basin and the War Department's river and harbor plans for the future will be discussed by Maj. General Markham, while the Federal-aid highway program, which is improving thousands of miles of road and providing general employment throughout the country, will be the subject of Mr. MacDonald's address

The aspects of a nationwide railroad and highway grade separation program, which is being looked upon generally with growing favor as a means of providing large-scale employment and protecting thousands of lives, will be earnestly studied by the convention. Mr. Schermerhorn, from his extensive experience with a similar program in New York State, will lead the discussion on this subject, and "The Construtcion Industry of Tomorrow" will be the subject of Col. Chevalier's address.

Former special assistant United States Attorney General Hayes, who is general counsel of the Divisional Code Authority for General Contrators, will speak to the contractors on the subject of depreciation allowances and federal taxation under the Revenue Act of 1934, particularly as they affect the construction industry.

The opening address of the convention, which will be attended by hundred of contractors from all parts of the country, will be made by President Nick F. Helmers, of St. Paul, who has been chosen to head the association again this year.

55,000 Miles Cable Wire For Bay Crossing Suspension Spans Ready

Getting ready for the spinning of the first half of the twin suspension spans between San Francisco and Yerba Buena Island, the Columbia Steel Company has assembled more than fifty-five thousand miles of galvanized steel cable wire of lead-pencil diameter in its plant at the foot of Twentieth Street.

This cable wire, which is drawn in 3900-foot lengths, is being threaded, nitred, and spliced with couplings, and wound on 2½-ton spools under the direction of Edward J. Schneider, bridge department manager of Columbia Steel Company.

On each spool is wound sixteen tons, or some sixty miles, of the pencil-sized wire. Twenty spools have been wound, each with a gross weight of 18½ tons. The wire's diameter is .196 of an inch, of which .002 of an inch is galvanizing.

These will be barged to the concrete center anchorage and trucked to the Rincon Hill anchorage next month, according to Chief Engineer C. H. Purcell, preparatory to the unreeling of these cables from the one-mile suspension bridge from San Francisco to central anchorage Pier W-4, half way to the island.

Some 13,000 tons, or 55,500 miles, of this tough steel wire have been received by the Columbia Steel Co. from Worcester, Mass., for this greatest suspension bridge spinning job, which will provide an interesting spectacle on San Francisco Bay during the year 1935.

In the spinning of the cables, the spools will be unwound by stringing loops over the saddles on the tops of the towers from one anchorage of the suspension bridge to the other.

When a spool is unwound, the end of the wire will be coupled to the end of the wire in the next spool, loops of which will also be strung across the two towers.

Workmen on the catwalks will adjust the strands of wire to sag with an equal deflection.

When 400 wires have been laid over the tower tops they will be bound into a strand. Thirty-seven of these strands will comprise the cable which will contain a total of 17,464 parallel steel wires, totaling 28¾ inches in diameter and weighing approximately 1780 pounds per foot with wrappings.

Santa Cruz Plans Improvement List For U. S. Program

A list of nine projects has been prepared by the Santa Cruz city council as being desirable municipal improvements that might be placed under construction in a reasonably short space of time after financing is available.

The work is of a type that it is believed would qualify for federal aid under the anticipated national public works program.

The city will offer the following:

(1) City hall and municipal auditorium;

(2) Breakwater and yacht harbor;

(3) Berkeley Way bridge;

(4) Sidewalk on Water street;

(5) Redecking of the municipal wharf;

(6) Replacement of Laurel street sewer crossing with a syphon;

(7) Foot bridges across San Lorenzo river at Ocean, Barson and Cooper streets;

(8) Reconstruction of bulkheads on San Lorenzo river near Laurel and Ocean streets.

ORGANIZE WOODLAND BUILDERS' EXCHANGE

Organization of the Woodland Builders' Exchange was effected at a meeting held last week when seven members were elected to constitute a board of directors. The officers of the exchange will be elected by the directors.

Members of the board are, H. H. Brown, R. Richie, T. H. Roth, Del Fenton, Wm. Boyce, Harry Moore and Marx Hartzell. Twenty-five members have been enrolled in the new exchange. Headquarters have been established at the Woodland Chamber of Commerce.

SAN JOSE EXCHANGE NAMES OFFICIALS

Roy M. Butcher, electrical contractor, has been elected president of the San Jose Builders' Exchange for the coming year.

Other officers are:
John Newell, vice-president; Guy Latta, secretary; Herman Moltzen, treasurer; Harold Crotty, sergeant-at-arms, and Dave Bunker, executive secretary. The following were elected to the executive committee: William Caldwell, N. J. Nielsen, Guy Latta, John Newell, William Serpa, Herman Moltzen, Roy M. Butcher, Harold Crotty, Joe Provenzano, Vic Thoeny, Phil Patnude, Fred Hayden, Thomas Hubbard, Gus Gladding and Bud Gallichote.

SPEED FINAL WORK ON GATE BRIDGE PIER

Erection of Tower Steel Will Start by Middle of February

Tower steel will commence to rise from the south pier of the Golden Gate Bridge by the middle of February, according to the weekly progress report of Chief Engineer Joseph B. Strauss.

Grinding the top surface of the pier, preparatory to setting in place the 38.5-ton steel base plates upon which the tower will rest, was started on schedule last Wednesday, and, according to the chief engineer, is expected to be fully completed by next Monday.

This same job on the Marin pier required six weeks to complete as against the estimated 12 days for the work on the San Francisco pier, the time saving having been effected as the result of modifications and improvements in the grinding machinery.

As soon as the grinding is completed the steel contractor will erect the traveller or creeper truss to be used in tower operations and will set up the hoisting engines on the south side of the protective fender. It is estimated that this work, which must be completed before the tower steel can be erected, will take from two to three weeks.

Meanwhile, the Pacific Bridge company has completed the riprap fill around the outer edge of the fender excavation. This fill, which was carried to a height level with the surface of the natural rock formation, is designed to protect the fender from being washed or undermined by the scouring action of the tide. Construction of the fill necessitated the use of rock ranging up to a ton in weight. After these had been dumped into the excavation they were securely embedded in concrete.

The riprap fill and the coating of the protective wood covering of the pier with fireproof paint completed the contract of the Pacific Bridge company which has been on the job since November 23, 1932, when the preliminary work preparatory to the construction of the Marin pier.

On the San Francisco anchorage work is continuing according to schedule while two additional spans of the low viaduct of the Presidio approach road have been paved. In the eastern mills work is proceeding at full speed on material for the San Francisco tower and more than half the required cable wire has been drawn, tested, accepted and stored.

STEEL INDEX OF U. S. BUREAU HELD UNFAIR

Institute Objects to Price Ratio Quoted in Government Tabulation

Comparative costs of structural steel as reported in tabulations of the U. S. Bureau of Labor Statistics with other building materials are challenged by the American Institute of Steel Construction which charges that the ratios shown are misleading.

The Institute's statement follows:

The Bureau of Labor Statistics, Department of Labor, in its publication "Wholesale Prices" issues a table showing the fluctuation in prices of various building materials. This table made it appear that the cost of structural steel is today approximately 92% of the 1926 cost and that the cost had dropped to as low at 81% in March 1933.

This statement of the cost of structural steel when applied to the cost of buildings is entirely misleading. The figures of the Bureau are apparently based upon the Pittsburgh base price of palin material and have no relation whatever to the cost of fabricated and erected structural steel sold to consumers by the fabricator of structural steel.

Such a statement as that promulgated by the Department of Labor would make it appear that the cost of fabricated steel is based upon the cost of the plain material purchased by the fabricator. Such is not necessarily the case. The fluctuation in the base pric of structural steel purchased of the mill is not always reflected in the cost of the erected steel to the consumer. The plain material represents less than 50% of the cost of steel erected, it does not include the cost of shop fabrication, freight, or erection. Taking a group of comparative buildings for which steel has been fabricated and erected, if the cost of this work to the consumer in 1929 equalled 100, the cost to the consumer during 1932 was 76. That was the low point for prices during the depression. This percentage comparison is taken from the actual sales records of steel fabricating concerns.

There has been an increase of about $4.00 per ton, or about 10%, in the price of the plain material since the advent of the Iron and Steel Code, but despite this increase in the price of the plain material, the sale price to the consumer of fabricated steel erected was, during the last quarter of 1934 not over $2.00 per ton on the average more than the cost of similar erected steel in 1932. The fabricator and erector of structural steel therefore not only absorbed onelhalf of the increase in cost of plain material, but absorbed entirely the thirty-thre ande one-third per cent increase in labor costs of the fabricator which has taken effect since the low point of the depression in 1932. Therefore, today the price which consumers pay for fabricated and erected structural steel approximates 78% of the 1929 price The advance in the cost to the consumer of erected steel has therefore not been in excess of 3½% over the low point of the depression.

Erected fabricated steel is today relatively the cheapest building material in the market. This low price is maintained at the expense of the fabricating industry, and the companies in this industry are losing money. A continuation of this condition is not to the best interest of the country at large.

Pacific Cities Lead U. S. in Housing Standards, National Inventory Shows

The high standard of housing in Pacific coast states compared with the national average as determined by the Real Property Inventory conducted by the Department of Commerce is revealed in comparisons among geographical areas.

In only one instance in the computed comparisons does the Pacific coast fall below the national standard. That is in the ratio of mechanical refrigeration installations to total of owner-occupied dwelling units.

In the coast cities the enumerators found 28,119 installations in 156,996 owner-occupied houses, a ratio of 17.91 per cent, slightly under the national average of 20.96 per cent. On the other hand the coast is considerably ahead of the national average in ratio of mechanical refrigeration units to total of rented dwelling units. The coast average is 21.81 per cent compared with a national average of 14.40 percent.

The coast leads in the use of electricity for cooking with an average of 19 27 per cent in owner-occupied homes and 15.84 per cent in rented homes. The national averages are 5.29 per cent and 2.95 per cent, respectively. The extensive use of electric power for cooking in Seattle is the principal factor in raising the average. Seattle, which leads all municipalities surveyed in this respect, reports more than 26 per cent of its homes so equipped.

Dwellings in the Pacific states also show the least overcrowding. Nearly 35 per cent show a ratio of two rooms or more to each occupant and less than 10 per cent reported more than one person to a room, compared with the national average of more than 17 per cent in this class.

Despite the favorable report on adequacy of occupied homes, the coast has an indicated potential market for new homes close to the national average as estimated from extra families now "doubled-up" in single-family residences. The ratio of extra families nationally is 7.01 per cent and 5.17 per cent on the coast.

Details of the national and coast averages in various aspects of the housing inventory are shown in the accompanying tables.

Accessories and Equip. for OWNER-OCCUPIED dwelling units	National Average	Pac. Coast Average
Mechanical Refrigeration (Pct. with)	20.96	17.91
Indoor water closet (Pct. without)	13.23	7.83
Baths (Pct. without)	16.21	8.83
LIGHTING:		
Gas (Pct. of total)	.21	.16
Electricity (Pct. of total)	95.42	97.97
COOKING:		
Gas (Pct. of total)	72.68	49.89
Electricity (Pct. of total)	5.29	19.27
Accessories and Equip. for RENTED dwelling units		
Mechanical Refrigeration (Pct. with)	14.40	21.81
Indoor water closet (Pct. without)	19.57	11.73
Baths (Pct. without)	27.86	14.00
LIGHTING:		
Gas (Pct. of total)	.24	.13
Electricity (Pct. of total)	87.49	97.46
COOKING:		
Gas (Pct. of total)	67 34	58.16
Electricity (Pct. of total)	2.95	15.84

PERSONS PER ROOM IN OCCUPIED DWELLING UNITS

	National Average	Pac. Coast Average
	Percent of Total	
One-half	28.07	34.97
One-half to three-fourths	26.27	28.68
Three-fourths to one	26.84	26.52
One to two	15.62	9.13
Two to three	1.21	.40
Three	.25	.10
More than one	17.08	9.63

EXTRA FAMILIES IN RENTED AND OWNER-OCCUPIED DWELLING UNITS

	National Average	Pac. Coast Average
Total number of families surveyed	2,612,167	335,165
Extra families in owner-occupied dwellings	88,187	10,007
Percent of total	3.37%	2.99%
Extra families in rented dwellings	95,013	7,311
Percent of total	3.64%	2.18%
Total extra families	183,200	17,318
Percent of total	7.01%	5.17%

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
23	Owl	Dunn	5000
24	Standard	Standard	3000
25	Standard	Standard	7000
26	Standard	Standard	3000
27	Owl	Dunn	3000
28	Burki	Owner	3000
29	General	Cahill	25000
30	Sanfillippo	Owner	1200
31	Limited	Jones	2000
32	Lang	Owner	4000
33	Radke	Byrne	1800
34	Cohen	Royal	1000
35	Nalder	Owner	25000
36	Kraft	——	1000
37	Johnson	Owner	1000
38	Tognetti	Cardi	3250
39	McCabb	Owner	1000
40	Olympic	Lindgren	15000
41	Costello	Isaac	10000
43	Anglo	Jacks	2000
42	Brass	Owner	1000
44	Horn	Owner	3000

ALTERATIONS
(23) NO. 895 MARKET ST. Alter store.
Owner—The Owl Drug Co., 657 Mission St., San Francisco.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., S. F. $5000

STATION
(24) SE BAYSHORE BLVD. AND Jerrold St. One-story Class A oil station.
Owner — Standard Stations, Inc, 225 Bush St., San Francisco.
Architect—Not Given.
Contractor — Standard Oil Co., 225 Bush St., San Francisco. $3000

WAREHOUSE
(25) SE JEFFERSON & LEAVENworth Sts. One-story Class A warehouse.
Owner — Standard Stations, Inc, 225 Bush St., San Francisco.
Architect—Not Given.
Contractor — Standard Oil Co., 225 Bush St., S. F. $7000

STATION
(26) SE BAYSHORE BLVD. AND Jerrold St. One-story Class A greasing station.
Owner — Standard Stations, Inc, 225 Bush St., San Francisco.
Architect—Not Given.
Contractor — Standard Oil Co., 225 Bush St., S. F. $3000

ALTERATIONS
(27) NO. 159 MONTGOMERY ST. Alter store.
Owner—The Owl Drug Co., 657 Mission St., San Francisco.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., S. F. $3000

DWELLING
(28) E GRANADA 250 S Holloway St. One-story and basement frame dwelling.
Owner—A. S. Burki, 160 Granada St., San Francisco.
Architect—Not Given. $8000

BREWERY
(29) NO. 2601 NEWHALL ST. One-story Class A brewery.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect — Frederick H. Meyer, 525 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor — Cahill Bros., Inc., 206 Sansome St., S. F. $25,000

ALTERATIONS
(30) NO. 629 COKTLAND AVE. Alter store and flat.
Owner — Phil Sanfilippo, 6134 Geary Blvd., San Francisco.
Architect—Not Given. $1200

ALTERATIONS
(31) NO. 130 BUSH ST Alter offices
Owner — Limited Mutual Insurance Co., 745 Mills Bldg., S. F.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—Pall Jones, 666 Mission St., San Francisco. $2000

DWELLING
(32) E JUNIPERO SERRA BLVD. 120 S Monterey Blvd. One-story and basement frame dwelling.
Owner—T. F. Lang, 344 San Leandro St., San Francisco.
Architect — Harold G. Ctoner, West Portal and Portal Drive, S. F. $4000

ALTERATIONS
(33) NO. 1521 SANCHEZ ST. Alter dwelling.
Owner—Mrs. Jean Radke, Prem.
Architect—Not Given.
Contractor — William Byrne, 1606½ Dolores St., S. F. $1800

ALTERATIONS
(34) NO. 543 MARKET ST. Alter store.
Owner—Marie Cohen, Premises.
Architect—Not Given.
Contractor—Royal Show Case Co., 770 McAllister St., S. F. $1000

ALTERATIONS
(35) NO. 1645-1649 HAYES ST. Alterations and addition to church.
Owner—Bishop C. W. Nalder, 1681 Hayes St., San Francisco.
Architect—Pope & Burton, 2102 Buckingham Road, Los Angeles.
Contractor—Not Selected. $25,000

EXCAVATION
(36) S GREEN 91 W Front St. Excavation first unit.
Owner—Kraft-Phenix Cheese Corp., 962 Battery St., San Francisco.
Architect—Not Given.
Contractor—Not Selected. $1000

ALTERATIONS
(37) S IRVING ST. 32 W Seventeenth Ave. Alter baths.
Owner—Peder P. Johnsen, 1750 Bay St., San Francisco.
Architect—Not Given. $1000

DWELLING
(38) NW INGERSON 200 SW Jennings St. One-story and basement frame dwelling.
Owner—Natale Tognetti, 1786 Filbert St., San Francisco.
Architect—Not Given.
Contractor — Ernest & Cardi, 227-A Collingwood St., S. F. $3250

ALTERATIONS
(39) NO. 1255 FULTON ST. Alter dwelling.
Owner—C. C. McCabb, 1255 Fulton St. San Francisco.
Architect—Not Given. $1000

REPAIRS
(40) NO. 524 POST ST. Repair and underpin club swimming pool.
Owner—Olympic Club, 524 Post St., San Francisco.
Architect—D. D. Stone, 110 Butter St. San Francisco.
Engineer—C. H. Snyder
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $15,000

FLATS
(41) S BEACH ST. 100 W Buchanan St. Two-story & basement frame flats (2 families).
Owner—Eugenia Costello, % Contractor.
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., S. F. $10,000

ALTERATIONS
(42) SW FOURTH AND MISSION. Alter restaurant.
Owner—Brass Rail Inc., 100 4th St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(43) NW CHESTNUT AND FILLmore Sts. Alter garage into stores.
Owner—Anglo California National Bk. 1 Sansome St., San Francisco.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor — Jacks & Irvine, 74 New Montgomery St., S. F. $2000

DWELLING
(44) E TENTH AVE. 250 S Moraga. One-story and basement frame dwelling.
Owner—Jesse Horn, 4708 Mission St., San Francisco.
Architect—Not Given. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
17	Pereira	Owner	1000
18	Gall	Owner	2000
19	Bonds	Owner	6000
20	Rose	Grubb	2500
21	Ball	Early	1000
22	Pacific	Owner	2500
23	Brodi	Rose	3000
24	Pfrang	Owner	6500
25	Great Western	Maurer	1566
26	Truman	Huggard	2800
16	Boccaccio	Icardi	3000

DWELLING
(16) NO. 574 FORTY-SIXTH ST., OAKLAND. One-story five-room dwelling.
Owner—D. Boccaccio. 578 46th St., Oakland.
Architect—Not Given
Contractor—A. Icardi, 972 Aileen St., Oakland. $3000

ALTERATIONS
(17) NO. 8145 E-FOURTEENTH ST. OAKLAND. Alterations and addition.
Owner—Manuel A. Pereira, 7700 E-14th St., Oakland.
Arcihtect—Not Given. $1000

ADDITION
(18) NO. 4001 SAN LEANDRO ST., OAKLAND. Addition.
Owner—O. B. Gall, Premises.
Architect—Not Given. $2000

DWELLING
(19) NO. 444 SPRUCE ST., BERKELEY. Two-story 5-room frame dwelling and garage.
Owner—Milton S. Bonds, 30 Halkin Lane, Berkeley.
Architect—Not Given. $6000

DWELLING
(20) NO. 1801 105TH AVE., **OAKLAND.** One-story 5-room dwelling.
Owner—A. Rose, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $2500

ADDITION
(21) NO. 1205 ASHMOUNT AVENUE **OAKLAND.** Addition.
Owner—F. M. Ball, Premises.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $1000

GARAGE
(22) NO. 1036 FORTY-SEVENTH Ave., **OAKLAND.** One-story concrete garage.
Owner—Pacific Coast Aggregates, 85 Second St., San Francisco.
Architect — F. H. Meyer and W. T. Steilberg, 1 Orchard Lane, Berkeley. $2500

REPAIRS
(23) NO. 950 SIXTY-FIRST STREET **OAKLAND.** Fire repairs.
Owner—Ralph N. Brodi, Premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $3000

DWELLING
(24) NO. 5860 BUENA VISTA AVE., **OAKLAND.** One and one-half-story 7-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—Not Given. $6500

ALTERATIONS
(25) NO. 1706 BROADWAY, **OAKLAND.** Alterations.
Owner—Great Western Power Co., 245 Market St., San Francisco.
Architect—Not Given.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont. $1566

STATION
(26) NO. 555 HOPKINS ST., **BERKELEY.** One-story 1-room service station.
Owner—Truman Investment Co., San Francisco.
Architect—Not Given.
Contractor—John W. Huggard, 915 Rialto Bldg., S. F. $2800

BUILDING CONTRACTS

ALAMEDA COUNTY

2	Sherman	Armstrong	11013
3	Church	Cederborg	7621

CHURCH BUILDING
(2) HAVENSCOURT BUVD., Oakland. All work for church building.
Owner—Louis S. and Mabel F. Sherman, 529 28th St., Oakland.
Architect—G. P. Simonds, 192 Main St., Hayward.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.
Filed Jan. 12, '35. Dated Jan. 11, '35.
On 5th of each month 75%
Completed 75%
Usual 35 days ..... Final
TOTAL COST, $11,013
Bonds, Performance, $5507; labor and materials, $5506. Surety, Fidelity & Casualty Co of New York. Limit, May 1, 1935. Forfeit, none. Plans and specifications filed.

RESIDENCE
(3) NO. 2455 RIDGE ROAD, being Blk 9, Dalys Scenic Park, Berkeley. All work for two-story residence.
Owner—The Church Divinity School of the Pacific, Berkeley.
Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor—A. Cederborg, 1455 Excelsior Ave., Berkeley.
Filed Jan. 14, '35. Dated Jan. 9, '35.
Frame completed 25%
When plastered 25%
When completed 25%
Usual 35 days 25%
TOTAL COST, $7621
Bond, $7621. Surety, U. S. Guarantee Co. of New York. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $50; 46 Caine Street; owner, Joe Bello, 23 Caine St.
ALTER warehouse, $150; 750 Folsom St.; owner, J. Bier, 2702 Steiner.
STUCCO dwelling, $425; 662 Naples St.; owner, C. Ryan, Premises.
STUCCO dwelling, $300; 2924 Steiner St.; owner, W. Kane, Premises.
BILLBOARD, $6.25; N Clement St. 65 W 29th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER beer parlor, $258; 27 Third St. owner, Bill and Joe Hurley, 27 Third St.; contractor, J. W. Levy, 386 16th Avenue.
SIGN, electric, $75; 630 Kearny St.; owner, Kadda's Grill, Premises; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER store, $100; 733 Grant Ave.; owner, Him Yick Lung, Prem.; contractor, Frank Yick, 670 Washington St.
ALTER dwelling, $895; 238 12th Ave.; owner, Captain C. Johnson, Prem. contractor, A. L. Hansen, 2083 18th Ave.
ALTER dwelling, $400; 2844 Broderick St.; owner, Gregory Harrison, 2844 Broderick St.; architect, Bakewell & Weihe, 251 Kearny St.; contractor, Geo. Wagner, 181 So. Park.
REPAIR fire damage to liquor factory, $360; 1480 Howard St.; owner, Lewis Sweet, 150 Post St.
SIGN, electric, $300; 287 Geary St.; owner, Western Pacific Railroad Co., 287 Geary St.; contractor, Electric Prod. Corp., 255 Golden Gate Ave.
ALTER night club, $150; 560 Geary St. owner, J. Humphreys, Prem; contractor, Ed. Rosemont, 176 Duboce Ave.
ALTER flats, $150; 1666 Lombard St. owner, E. Ligoni, Prem.; contractor, S. Mazzoncini, 3020 Buchanan
ALTER church, $200; 725 Folsom St.' owner, Mizpah Presbyterian Church, 725 Folsom St.
SIGN, electric, $75; 2295 Chestnut St.; owner, Dr. E. C. Poulsen, 2295 Chestnut St.; contractor, Electric Prod. Corp., 255 Golden Gate Ave.
SIGN, electric, $100; 366 Market St.; owner, A. T. Davis, 320 Market; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
ALTER store and flat, $35; 1830 Lyon St.; owner, C. Bott, Premises.
FLUES (2) patent, $40; S Balboa St. 60 W 33th Ave.; owner, G. Garibaldi, Premises, contractor, Epp Sheet Metal Works, 4745 Geary Blvd.
ALTER flats, $900; 186 Boyce Street; owner, Mr. and Mrs. Meloy, Prem contractor, John J. Furness, 851 47th Ave.
TANK, $235; SE Stockton and Geary; owner, A. W. Hooper, 311 California St.; engineer, T. Ronneberg; contractor, Western Iron Works, 141 Beale St.
ALTER studio, $375; 11 and 13 Cameron Alley; owner, Mercantile Mortgage Co., 711 Syndicate Bldg., Oakland.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $400; 5668 College Ave., Oakland; owner, Leslie C. Hall Co., 5660 College Ave.; contractor, C. M. Greenlaw, 5975 Keith Ave.
ALTERATIONS, $85; 5523 Fleming Ave., Oakland; owner, Jamieson, Towle, Willoughby Corp., 372 17th St.; contractor, C. Hansen, 3210 35th Ave.
SIGN, metal, $10; 1424 Harrison St., Oakland; owner, California Tailors & Cleaners, Prem.; contractor, Brodie Sign Co., 1629 Telegraph Avenue.
ALTERATIONS & repairs, $350; 5901 Chabot Road, Oakland; owner, Mrs. Arthur Kyle, Prem.
ALTERATIONS, $250; 2915 San Pablo Ave., Oakland; owner, Central Bank, 14th and Broadway.
ALTERATIONS to steel trusses, $500; 1201 45th Ave., Oakland; owner, H. A. Sorensen, Premises.
SIGN, electric, $130; SE Harrison St. and Santa Clara Ave., Oakland; owner, K. & L. Drug Co., Prem.; contractor, Imp Elec. Sign Co., 2228 Myrtle St
ALTERATIONS, $200; 2043 Lincoln Ave., Berkeley; owner, C. J. Curran, Prem.; contractor, A. G. Olson, 2231 7th St.
ALTERATIONS, $150; 1040 Sierra St., Berkeley; owner A. E. Maffly, Premises.
ALTERATIONS, $65; 3030 Telegraph Ave., Berkeley; owner, ——; contractor, Geo. R. Brooks, 2700 Washington St., Alameda.
ALTERATIONS, $100; 1322 Ordway, Berkeley; owner, W. H. Nelson, 2019 Stuart St.
SIGN, metal, $75; 1420 14th Ave., Oakland; owner, Simas Bros., Prem.; contractor, Seaside Oil Co., 2121 3rd St., San Francisco.
WRECK buildings, $50 each; 590-594 Ninth St., Oakland; owner, Symon Bros., 22nd Ave. and E-14th St.
SIGNS (2) electric, $450; 1920 Broadway, Oakland; owner Orthopedic Shoe Stores, Inc., Prem.; contractor, Elec. Prod. Corp., 950 30th St.
SIGN, electric, $150; 37 Grand Ave., Oakland; owner, Cat & Fiddle, 37 Grand Ave.; contractor, Electric Prod. Corp., 950 30th St.
SIGN, metal, $5; NW Foothill Blvd. and Cole St., Oakland; owner, Standard Oil of Calif., Box 1166, Oakland.
SIGN, metal, $5; 1721 Webster Street, Oakland; owner, Standard Oil of Calif., Box 1166, Oakland.
SIGN, electric, $30; 3805 Hopkins St., Oakland; owner, Zim's, Prem.; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.
SIGN, metal, $35; 2367 San Pablo Ave Oakland; owner, Coffee Mug Cafe Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.
SIGN, metal, $32; 1001 Fruitvale Ave. Oakland; owner, Murdock's Cigar Store, Prem.; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.
SIGN, metal, $75; NE 51st Ave. and Foothill Bylvd., Oakland; owner, E. Seagal, Prem.; contractor, Seaside Oil Co., 2121 3rd St., S. F.
SIGN, metal, $75; SE 63ard Ave. and Foothill Blvd., Oakland; owner, Van der Woert Bros., Premises; contractor, Seaside Oil Co., 2121 3rd St., San Francisco.
ALTERATIONS, $450; 743 Carlton St., Berkeley; owner, Byron Jackson Co., Prem.; contractor, Fox Bros., 1478 University Ave.
ALTERATIONS, $250; 1336 Parker St. Berkeley; owner, M. A. St. Martin Premises; contractor, O. E. Ringeltaube, 1498 Marin Ave.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

FRESNO, Cal.—Until January 23, 3 P. M., bids will be received by E. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 West Olive Ave., Fresno, for the sale of the following equipment:

CHC 3252 Truck Chassis, 3-ton F.W. D., pneumatic tires, 1929.

CHC 79 Compressor; Sullivan, Type W.K. 314, portable.

CHC 4 paint striping machines, Simmons make.

The above equipment may be inspected at Shop 6, 645 West Olive Ave., Fresno, from 8:30 A. M. to 4:30 P. M. on any working day.

SACRAMENTO, Cal.—Until January 23, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 4328—Automobile; Reckne "75 4-door sedan, 1932.

CHC 3348 — Automobile; Studebaker Dictator, 4-door sedan, 1929.

CHC 4145—Truck, Ford express, enclosed cab, Model B, 1932.

CHC 3324—Automobile; Ford Tudor sedan, Model A, 1929.

CHC 3744—Automobile; Ford Tudor sedan, Model A, 1931.

CHC 3745—Automobile; Ford Tudor sedan, Model A, 1931.

CHC 3864—Automobile; Ford Tudor sedan, Model A, 1931.

CHC 3864—Automobile; Ford Tudor sedan, Model A, 1931.

CHC 3043—Truck; F.W.D. 3½—4-ton chassis, 1929.

CHC 51—Snow Plow; Rightway Rotary with "V" complete.

CHC 120—Trailer; 3-ton capacity; 4-wheel, S.R. tires, no body.

CHC 26—Saw; 7-ft. power drag, 4 hp. engine.

One power lawn mower, Jacobson Junior make.

One 10-hp. boiler, upright, lagged, submerged flue type (91 1¼-inch flues).

14 Pipe dies for ½-in. to 1½-in. stock miscellaneous makes.

15 Pipe Cutters—miscellaneous makes.

1 Electric Cash Register (National) Ser. No. 2916380-N2053 (9).

4 18-in. furnace doors, complete.

15 Type "B" Prest O'lite tanks.

25 Seat frames complete with springs, 3½-in. x 16-in. x 34-in., also 6-in. x17-in. x 32-in.

9 Battery boxes, 8-in. x 18-in. (steel).

The above equipment may be inspected at the Division of Highways Yards at 1805 34th St., Sacramento, on any working day between the hours of 8 A. M and 4:30 P. M.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until January 31, 10 A. M., bids will be received by the Metropolitan Water District, 306 W-Third St., Los Angeles, for transporting cement directly to the site of the work or to railway stations convenient thereto and thence to the site of the work in accordance with Specifications No. 83, for use in the construction of the several structures of the Colorado River Aqueduct and appurtenant works. Bids will be received for transporting the cement required prior to January 1, 1936, amounting to approximately 1,650,000 bbls., and also for transporting the entire amount required prior to Jan 1, 1939, amounting to approximately 5,000,000 bbls. The specifications contain eighteen schedules for bidding purposes. Copies of the Specifications may be obtained from the office of the General Manager and Chief Engineer, F. E. Weymouth, Room 1007, 306 West Third St., upon payment of $5, which will not be returned.

Certified or cashier's check in an amount not less than one cent per bbl. for the total number of barrels of cement which the bidder offers to transport, under the several items bid upon, must accompany each proposal. In no case, however, must the check be for less than $1000.

STOCKTON CITY

STOCKTON, San Joaquin Co., Cal.—Until January 22, 4 P. M., bids will be received by the Stockton Port Commission, City Hall, Stockton, for furnishing all equipment, labor and materials to make and deliver asphalt concrete in accordance with specifications obtainable from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until January 23, 8 P. M., bids will be received by John H. Kimball, Secretary, East Bay Municipal Utility District, 512 16th St., Oakland, for the installation of approximately 484 lin. ft. of 20-in. flanged pipe with ball and socket joints.

All pipe and fittings to be furnished by the District.

Work involves:

(1) 484 l.f. 20-in. flanged pipe with ball and socket joints;

(2) 23 cu. yds. concrete deposited in anchors under water;

(3) 17 cu. yds. conc. deposited above water.

OAKLAND CITY

OAKLAND, Alameda Co., Cal.—Until January 24, 9 P. M., bids will be received by City Council, for furnishing 10,000 to 15,000 miscellaneous size incandescent lamps for the City of Oakland.

OAKLAND, Alameda Co., Cal.—Until January 24, 9 P. M., bids will be received by the City Council, Oakland, for furnishing 100,000 gallons of gasoline and 15,000 gallons of Ethyl, for the City of Oakland.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

TUBES, 7000 steel boiler tubes, Mare Island; 1200 do, Puget Sound. Sch. 4064; January 22.

LEAD, pig and sheet; East and West Yards. Sch. 4063; January 22.

METAL, 16,200 sq. ft. galvanized steel expanded metal; San Diego and Mare Island. Sch. 4061; January 22.

TUBES, admiralty metal condenser tubes and evaporator tubes; Mare Island and Puget Sound. Sch. 4065; January 22.

RODS, welding; East and West Yards Sch. 4075; January 22.

STEEL sheet, East and West Yards Sch 4057, January 25

SHAPES, special steel shapes, East and West Yards Sch 4079, Jan 25.

FOUNTAINS, 6 electric water-cooling drinking fountains & spares, Mare Island. Sch. 4087, January 29.

BATTERIES, 400 radioatorage batteries; Mare Island Sch. 4086, Jan 29.

CABLE, 3000 ft submarine loop cable Mare Island. Sch 4098, January 29.

Specifications obtainable from the above office.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until January 28, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent Los Angeles, Water & Power Bureau, Room 710, 207 S. Broadway, Los Angeles, for furnishing and delivering one only structural steel switch rack complete for department's switching station at Victorville. Prices to include fabrication and delivery, as follows: (Specifications No. 1582):

(a) f.o.b. cars or trucks bidder's shipping point.

(b) f.o.b. cars or trucks, Victorville.

LOS ANGELES, Cal.—Until January 25, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 710, 207 S. Broadway, Los Angeles, for furnishing cast iron water pipe under Spec. No. 1603, as follows:

(1) For approximately 20,000 ft. laying length, 6-in. I.D., bell and spigot, cast iron water pipe in 16-ft., 16-ft. 6-in., or 18-ft. laying lengths, f.o.b. department's Hewitt St. yard for a price per lin. ft. laying length.

(2) For approximately 30,000 ft., laying length, 6-in. I.D. bell and spigot, cast iron water pipe in laying lengths of 16-ft., 16-ft. 6-in. 18-ft., or 20-ft., f.o.b. department's Aetna and Vesper St. yard, Van Nuys, for a price per lin. ft. laying length.

SACRAMENTO COUNTY

SACRAMENTO, Cal.—Until January 30, 10 A. M., bids will be received by Wm. H. Young, County Clerk, Sacramento, for linoleum floor covering for the Home for the Aged Women in Sacramento.

Plans and specifications may be obtained from Architect Harry Devine, California State Life Bldg., Sacramento.

OAKLAND CITY

OAKLAND, Cal.—Until January 21 between 3:30 and 4:30 P. M., bids will be received by the City of Oakland Port Commissioners, Room 73, Grove Street Pier, Oakland, A. H. Abel, Secretary, for delivering and spreading crushed rock road materials at Outer Harbor Terminal, Oakland.

Specifications obtainable from above office upon deposit of $5.00. Certified check in the amount of 10% must accompany each bid.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.

APARTMENTS Cost, $——
OAKLAND, Alameda Co., Cal. Lake Merritt District (Park Blvd.)
Two - story frame and stucco apartments (four 4-room apts.); terra cotta tile roof, gas furnace, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Newsom & Newsom, Russ Building, San Francisco.
Contractor—C. L. Ingler, 150 Alta Rd., Oakland.

Contract Awarded.

APARTMENTS Cost, $7780
SAN JOSE, Santa Clara Co., Cal. No. 499 E. Reed Street.
One-story frame and stucco apartment building (3 apts.)
Owner — Walter Ruddick, 601 S-8th St., San Jose.
Architect—Not Given.
Contractor—B. H. Painter, 24 N-Second St., San Jose.

Bids Opened.

APARTMENTS Cost, $25,000
SAN FRANCISCO. NW Westgate and Ocean Avenues.
Two-story and basement frame apartment building (6 apts., 20 rooms) cement plaster exterior, tile roof, tile bath, gas heating system, hardwood floors, etc.
Owner,—Mr. M. Nelson, % architect.
Architect—H. C. Baumann, 251 Kearny Street.
Low Bidder—Ed. Zinkand, 667 36th Avenue.
Complete bids follow:

Ed. Zinkand	$21,523
B. A. Howkins	22,173
Hannah & Wooldridge	22,995
Herman Rahlman	23,000
San Francisco Const. Co.	23,297

2— BONDS

BONDS FOR SALE

SANGER, Fresno Co., Cal.—Sanger Union High School District will sell bonds in the amount of $40,000 on February 1. Procedes to finance construction of a one-story reinforced concrete gymnasium in Sanger for the Sanger Union High School District. Plans are being prepared by Architect W. D. Coates, 626 Rowell Bldg., Fresno.

3— CHURCHES

Plans Completed.

ALTER CHURCH Cost, $30,000
SAN FRANCISCO. No. 1645-49 Hayes Street.
Alterations and additions to church (work involves wood, frame and stucco additions, remodel exterior and interior, installation of acoustic plaster, forced air ventilating and heating system, new plumbing tile work, etc.
Owner — Latter Day Saints Church (C. W. Nalder, Bishop).
Architect—Pope & Burton, 2102 Buckingham Road, Los Angeles.
Whether bids will be asked or work done by day's labor has not been determined at this time.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded.

ADDITION Cost, $6000
OAKLAND, Alameda Co., Calif. 966 81st Street.
One-story steel and brick addition to factory (60x70 feet) steel trusses, steel sash, concrete floors, etc.
Owner—Blue Bird Potato Chip Co., 966 81st St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—T. O. Reese, 2557 63rd Avenue, Oakland.
Lumber—S. H. Chase Lumber Co., San Jose.
Mill Work—Minton Co., Mt. View.
Plumbing—Wm. Ehlert, San Jose.
Sheet Metal—Wm. Ehlert, San Jose.
Roofing—Farmers' Union, San Jose.
Electric Wiring—Norman Russell, San Jose.
Concrete—Pyle Bros., San Jose.
Iron Work—R. Hellwig Iron Works. San Jose.
Plastering—J. C. Chiere, Mt. View.

Being Done By Day's Work.

REPAIR CANNERY Cost, $10,000
LODI, San Joaquin Co., Calif.
Repair and rebuild present cannery (concrete and steel structure) new portion will house vegetable cannery, syrup room and warehouse space.
Owner—Foster Wood Cannery, Lodi.
Plans by Engineering Dept. of Owner.

SUB-CONTRACTS AWARDED.

LOS ANGELES, Cal.—Grant & Bruner, 607 Ferguson Bldg., report additional subcontracts for two-story and part three-story addition to baking plant now under construction at 8800 Venice Blvd., for Helms Bakeries, awarded as follows: Granite work to McGilvray-Raymond Corp.; composition roofing to Economy Roof Co.; plastering, stucco and gunite to Ed Westberg; sheet metal to Emil Brown & Co. Grant & Bruner prepared engineering and architectural plans for the addition and are erecting it for the owner. Cost, $50,000.

Contract Awarded.

BREWERY Cost, $25,000
SAN FRANCISCO. 2601 Newhall St.
One-story Class A brewery.
Owner—General Brewing Corp., 2601 Newhall Street.
Architect—Fred. H. Meyer, 525 Market Street.
Engineer—C. H. Snyder, 251 Kearny Street.
Contractor—Cahill Bros., 206 Sansome Street.

Bid Opening Date Postponed Until January 25.

CANNERY Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Morningside Industrial Area (20 acre site).
Two-story cannery (reinforced concrete construction to first floors, steel and corrugated iron on second floors; wood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco (E. P. Euphrat in charge).
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Date was previously set for today, January 11.
Following will submit bids to the owner January 25:
Cahill Bros., 206 Sansome St.
Barrett & Hilp, 918 Harrison St.
O. H. Chain, 41 S-Sutter St., Stockton.
J. A. Allen, 22 S-Sutter St., Stockton.

Sub-Contracts Awarded.

BREWERY Cost, $25,000
SAN FRANCISCO. 2601 Newhall St.
One-story Class A brewery.
Owner—General Brewing Corp., 2601 Newhall Street.
Architect—Fred. H. Meyer, 525 Market Street.
Engineer—C. H. Snyder, 251 Kearny Street.
Contractor—Cahill Bros., 206 Sansome Street.
Structural Steel—Western Iron Wks, 141 Beale Street.
Reinforcing Steel—Soule Steel Co. 1750 Army Street.
Grading—L. Devincenzi, 148 Blake St.
Concrete — Golden Gate Atlas Materials Co., 16th and Harrison Sts.

Contract Awarded.

WAREHOUSE Cost, $7500
SAN FRANCISCO. Leavenworth and Jefferson Streets.
One - story steel and reinforced concrete warehouse.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.
Contractor—Dinwiddie Const. Co., Crocker Building.

Contract Awarded.

DAIRY Cost, $30,000
BURLINGAME, San Mateo Co., Cal. No. 198 California Drive.
One-story reinforced concrete dairy (75 feet long); (building will house receiving room, pasteurizing room milk and ice cream storage rooms)
Owner—Borden Delivery Co.
Architect—William Toepke, 216 Post St., San Francisco.
Contractor—Bessett Building Co., 826 Walnut St., Burlingame.

Planned.

CANNERY Cost, $——
MOSS LANDING, Monterey Co., Cal.
Construct sardine cannery.
Owner—Hovden Food Products Corp. (K. Hovden, President), Moss Landing.
Architect—Not Given.
Proposed work is in a very preliminary stage.

Plans Being Prepared.

PLANT & WAREHOUSE
Cost including equip., $25,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor (40x50-ft.)
Three - story galvanized iron bean-cleaning plant and warehouse.
Owner—Haslett Warehouse Co., 289 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Construction will not be started for sixty days.

CONTRACT AWARDED

LOS ANGELES, Cal.—H. A. McMurphy, builder, 6347 Eleanor Ave., applied for building permit to alter one-story, Class C brick factory build-

ing at 6823 Santa Monica Blvd. for International Cinema, Inc., owner. 6317 Eleanor Ave., plans prepared by Walter L. Duzan, structural engineer, 6347 Eleanor Ave. Cost $30,000.

Plans Being Prepared—Contract Awarded.
ADDITION Cost, $240,000
OAKLAND, Alameda Co., Cal. 57th Avenue and Russett Street.
Addition to plant.
Owner—Continental Can Company, 155 Montgomery St., San Francisco.
Plans by Contractors.
Contractor—Austin Co., 1924 Broadway, Oakland.

Construction To Start Shortly.
ADDITION Cost, $55,000
SEATTLE, Washington. No. 5225 E. Marginal Way.
Addition to brewery (install equipment for bottling plant, additional storage space, new tanks, etc.)
Owner—Hemrich Brewing Co.
Plans by Engineering Dept. of Owner.
Supt. of Conatr.—J. P. Lynch, 5225 E. Marginal Way, Seattle.

Construction To Start Immediately.
BREWERY Cost, $——
BAKERSFIELD, Kern Co., Cal. Union Ave. and Oregon St.
Three-story concrete, steel and stucco brewery (245-ft. frontage) capacity of 100 barrels per day.
Owner—Bakersfield Brewery.
Plans by Engineering Dept. of Owner. All contracts let locally.

Sub-Contracts Awarded.
WAREHOUSE Cost, $26,000
ALAMEDA, Alameda Co., Cal. Waterfront.
One - story steel and corrugated iron warehouse (100x200 ft.) pile foundations.
Owner—Alaska Packers Corp. 111 California St., San Francisco.
Plans by Engineering Dept. of Owner (Mr. White in charge).
Contractor—O. Monson, 475 Sixth St., San Francisco.
Reinforcing Steel—Soule Steel Co. 1750 Army St., San Francisco.
Readymix Concrete—Rhodes & Kennedy, 101 4th St., Oakland.
Steel Sash—Michel and Pfeffer Iron Works, Harrison and 10th Streets, San Francisco.
Miscellaneous Iron—Herrick Iron W'ks 18th and Campbell Sts., Oakland.

CONSTRUCTION TO START SHORTLY

PLACENTIA, Orange Co., Cal.—E. J. Herbert, 309 Malvern St., Fullerton, will superintend reconstruction of a citrus fruit packing house at Placentia for Placentia Orange Growers' Assn.: J. A. Prizer, manager. Floor of present building, covering an area of 130x155 feet, will be incorporated in new structure. Three new reinforced concrete and hollow tile walls will be built and a steel, sawtooth type roof constructed. Cost, $40,000. C. E. Noerenberg, 210 L. A. Railway Bldg., Los Angeles, Architect.

PREPARING PLANS

NATIONAL CITY, San Diego Co., Cal.—Architect Frank L. Hope Jr., Commonwealth Bldg., San Diego, is preparing plans for remodeling and additions to a packing plant at National City for the National City Packing Company. Concrete and wood frame construction, frame, tile and concrete partitions, brick and cement floors, insulation, metal skylights, refrigerators, reinforcing steel, steel windows, waterproofing materials, etc. Cost, $30,000.

5— FLATS

Concrete Contract Awarded.
ALTER RESIDENCE Cost, $——
SAN FRANCISCO. 413 Third Avenue
Alterations to frame residence for two flats (add one room and bath in each flat) tile in kitchen sinks, terrazzo steps, new garage and basement, stucco and brick front remove attic and put on new asphalt roof with tile trim, painting and general renovating.
Owner—Frank Tieso.
Architect—L. O. Berg, 720 Corbett Avenue.
Concrete—G. Fazio, 6163 Mission St.
Bids on other portions of the work will be asked shortly.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. S Beach 100 W Buchanan Street.
Two - story and basement frame and stucco flats (7 rooms and 2 baths each) composition and tile roof, recess steam radiation, canvass walls and ceilings, wood sash, parquet floors, mechanical refrigeration, colored tile baths and plumbing fixtures, etc.
Owner—Eugenia Costello, % contractor.
Architect—S. A. Colton, 544 Market St.
Contractor—H. H. Isaac, 517 Belvedere Street.

6—GARAGES & SERVICE STATIONS

Plans Completed.
SERVICE STATION Cost, $——
SAN JOSE, Santa Clara Co., Cal. Santa Clara and San Pedro Sts.
Super-service station (steel and brick construction).
Owner — Baumgartner Bros., 148 W Santa Clara St., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Whether bids will be asked or work done by day's labor is not determined.

January 11, 1935

Plans Completed.
SERVICE STATION Cost, $7000
SAN FRANCISCO. SE Bayshore and Jerrold St.
One-story Class A service station.
Owner — Standard Oil Co., 225 Busa St., San Francisco.
Plans by Engineering Dept. of Owner.

To Ask Bids In One Week.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. SE Bayshore and Jerrold Street.
One-story Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Planned.
SERVICE STATION Cost, $——
BAYWOOD, San Mateo Co., Cal. NW Third Ave. and El Camino Real.
Service station.
Owner—Harry W. Regan, 1100 Burlingame Ave., Burlingame.
Architect—Not Given.
An application has been filed with the City Council for the property to be rezoned, and the hearing has been set for February 13.

Plans Being Figured.
GARAGE, ETC. Cost, $42,000
SAN FRANCISCO. Green and Front Streets.
One-story brick garage (91x72 feet) two-story brick cold storage and office building (20x91 feet), and two-story reinforced concrete cold storage and dry storage building, (40xx91 feet); steel trusses, wood joists, electrical work, plumbing, cork insulation, etc., steel sash etc.
Owner—Kraft Phenix Cheese Corp., 962 Battery St., San Francisco.
Plans by Engineering Dept. of Owner. Bids are being received by Mr E. L. Anderson, Mgr. of Construction, for the owner, at 962 Battery St.

Plans Completed.
GARAGE Cost, $3000
OAKLAND, Alameda Co., Cal No. 1036 Forty-seventh Avenue.
One-story concrete garage building
Owner—Pacific Coast Aggregates, 85 Second St., San Francisco.
Architect—F. H. Meyer and W. T. Steilberg, 1 Orchard Lane, Berkeley.

Contract Awarded.
SERVICE STATION Cost, $6,000
ST. HELENA, Napa Co., Calif. Adams and Main Streets.
Super-service station (21x30-ft.) steel construction.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Knipschild Dehydrater Co Premises.

Contract Awarded.
GARAGE Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal Water Street and Stanford Ave.
One-story garage (32x52 ft.) to accommodate 4 busses) frame and stucco construction.
Owner—L. Martin, Santa Cruz
Architect—Not Given.
Contractor—Kenyon Bros., 631 Ocean St., Santa Cruz.

Contract Awarded.
OIL PLANT Cost, $3000
MODESTO, Stanislaus Co., Cal. Sixteenth and I Streets.
Oil and gasoline plant (3 tanks with capacity of 52,000 gallons).
Owner—Rio Grande Oil Company.
Plans by Engineering Dept. of Owner, 417 S-Hill St., Los Angeles.
Contractor—Harmon Pacific Co., 422 E-Third St., Los Angeles.

Contract Awarded.
OIL PLANT Cost, $4000
SACRAMENTO, Sacramento Co., Cal. Riverside Blvd.
Oil and gasoline plant (3 tanks, etc.)
Owner—Rio Grande Oil Company.
Plans by Engineering Dept. of Owner, 417 S-Hill St., Los Angeles.
Contractor—Harman Pacific Co., 422 E-Third St., Los Angeles.

Plans Being Figured.
GARAGE Cost, $3000
OAKLAND, Alameda Co., Cal. No. 1036 Forty-seventh Avenue.
One-story concrete garage building (hollow concrete walls).
Owner—Pacific Coast Aggregates, 85 Second St., San Francisco.
Architect—Fred H. Meyer, 525 Market St., San Francisco.

7— FEDERAL BUILDINGS

Bids Wanted—To Close February 11, 1 P. M.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal. D & Third Streets.
One-story and basement reinforced concrete Post Office building (light buff dash plaster exterior, slat roof, tile trim, cast stone steps, mezzanine floor to provide cloak rooms, wash and rest rooms, etc.)
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.

Complete Bid Listing.

POST OFFICE Cost, $63,800
TURLOCK, Stanislaus Co., Calif
One-story and basement concrete post office building (cement finish, composition roof, steam heating system, etc.; 80x60-ft.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Complete bids follow:

K. E. Parker Co., S. F.	$39,671
Frank J. Reilly, S. F.	36,731
H. L. Petersen, S. F.	40,100
Robt. E. McKee, Los Angeles	44,200
Wm. MacDonald Const. Co., St. Louis, Mo.	45,291
Murch Brothers Const. Co., St. Louis	45,931
Schuler & McDonald, Oakland	47,747

LOW BIDDER

OREGON CITY, Oregon — Dougan-Hammond Construction Co., Portland, Oregon, at $5220 submitted low bid to Custodian, U. S. Post Office, Oregon City, for completion of basement of the Post Office building at Fifth and Main Sts., Oregon City.

CONTRACT AWARDED

SAN FRANCISCO.—Louis C. Dunn, Monadnock Bldg., at $2,075 awarded contract by Treasury Department for painting the plaster in the U. S. post office, Seventh and Mission Streets.

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—Neuman Bros., McMinnville, Oregon, at $666 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office, etc., at Modesto. Complete bids follow:

Neuman Bros., McMinnville, Ore.	$ 666
Patterson Bros., Oakland	940
A. B. C. Painting Co., S. F.	1244
H. Volst, Modesto	1925
G. A. Muerhead, Ceres	3600

Bids held under advisement.

BIDS OPENED

PULLMAN, Wash.—Neuman Bros., McMinnville, Oregon, at $397 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Pullman, Washington. Complete bids follow:

Neuman Bros., McMinnville	$ 397
Thayer & Thayer, Seattle	414
Arthur M. Gelden Co., Chicago	587
West Coast Painters Co., Seattle	606
D. J. Inman, Danville, Ill.	625
Pullman Painting Co., Pullman	1153

Bids held under advisement.

CONTRACT AWARDED

OLYMPIA, Wash.—Harry Bayer & Son, Inc., Olympia, Washington, at $2275 awarded contract by Treasury Department for new stairway, etc., at the U. S. Post Office, Olympia, Wash.

Complete Bids.

POST OFFICE Cost, $63,800
SOUTH PASADENA, Los Angeles Co. Calif.
One-story U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Murch Bros. Const. Co., 4111 Lindell Blvd., St. Louis.
Complete bids follow:

Murch Brothers Const. Co., St. Louis, Mo.	$45,473
Sarver & Zoss, Inc., L. A.	47,800
Robert E. McKee, Los Angeles	47,850
Schuler & McDonald, Inc., Oakland	48,373
Theo. A. Beyer Corp., L. A.	49,730
Wesco Const. Co., L. A.	50,800
Wm. MacDonald Const. Co., St. Louis, Mo.	50,847

Bids held under advisement.

LOW BIDDER

SAN DIEGO, Cal. — V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, submitted low bid to Eleventh Naval District, at $4490, for constructing concrete floors in landplane hangars at the Naval Operating Base (Air Station), San Diego; Specification

LOW BIDDER

ELKO, Nevada — Ralph Rockwell, Elko, Nevada, at $4420 submitted low bid to Treasury Department, Washington, D. C., for the construction of a new concrete retaining wall, wall copings, etc., at the U. S. Post Office at Elko, Nevada. Complete bids will be published shortly.

BIDS WANTED.

MARE ISLAND, Cal.—Until Feb. 13, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for a 40-ton outdoor electric gantry crane and runway at the Navy Yard, Mare Island; Spec. No. 7855.

Plans and specifications may be obtained from above office and from the Commandant, Mare Island Navy Yard, upon deposit of $10.00.

BIDS OPENED.

SAN FRANCISCO. — Following bids received by the Public Works Officer, Mare Island Navy Yard, for replacing two water tanks, and supporting platforms; for providing a new water filter and new water pump; for enlarging a bathroom in Quarters No. 6; for installing new windows in Quarters No. 3; for replacing all windows in Quarters No. 4 and for replacing or repairing wooden sidewalks, all at the U. S. Naval Direction Finder Station, Farallon Island, Calif.; Spec. No. 7757:

(1) add for new windows in Building No. 4;
(2) add for concrete walks;
(3) deduct if certain walks are omitted;
(4) add for repairs to wood walks.

F. J. Early, Jr., 360 Pine St.		$2,811
	(1)	558
	(2)	1,987
	(3)	300
	(4)	954
Theo. Johanns, 2020 15th St.		$3,125
	(1)	450
	(2)	1,650
	(3)	250
	(4)	650
Neilsen & Lahti, Berkeley		$3,219
	(1)	270
	(2)	1,698
	(3)	160
	(4)	641
Robert McCarthy		$3,945
	(1)	450
	(2)	1,987
	(3)	300
	(4)	954

Bids held under advisement.
All bidders of San Francisco unless otherwise noted.

BIDS OPENED.

SAN FRANCISCO.—Lee Dixon, 18 Eureka Street, at $8,488 submitted the low bid to the Constructing Quartermaster, Ft. Mason, for exterior painting of frame buildings and patching of cracks in concrete buildings at Fort Mason.

Complete bids follow:

Lee Dixon		$ 9,488.00
	(1)	600.00
	(2)	95.00
	(3)	75.00
	(4)	65.00
	(5)	65.00
	(6)	75.00
Giampolini & Company		$ 8,490.00
	(1)	298.00
	(2)	107.00
	(3)	98.00
	(4)	67.00
	(5)	56.00
	(6)	125.00
American Building Maintenance Company		$ 9,949.00
	(1)	850.00
	(2)	230.00
	(3)	120.00
	(4)	220.00
	(5)	40.00
	(6)	150.00
R. P. Paoli		$ 9,999.99
	(1)	495.00
	(2)	95.00
	(3)	61.00
	(4)	85.00
	(5)	65.00
	(6)	150.00
Patterson Bros., Oakland		$10,780.00
	(1)	850.00
	(2)	180.00
	(3)	117.00
	(4)	175.00
	(5)	105.00
	(6)	130.00

Items 1, 2, 3, 4, 5 and 6 are deductions for omitting certain portions of the work.

BIDS WANTED

CHICO, Butte Co., Cal.—Until Feb. 2, bids will be received by the Custodian, U. S. Post Office, Chico, for repairs and painting at the U. S. Post Office at Chico.

CONTRACT AWARDED

ALMIRA, Wash.—H. S. Wright & Co., 2210 Second Ave., Seattle, at $42,590 awarded contract by the United States Bureau of Reclamation, Almira, Wash., for the construction of an administration building at Grand Coulee dam, Columbia Basin Project. It will be a one-story building, approximately 48x44 feet in size, with a full basement and an attic storeroom. The outside walls will be of wood frame construction covered on the outside with wood sheathing, building paper, and drop siding or smooth siding, and on the inside with metal lath and plaster. The interior partitions will be of wood frame construction covered with metal lath and plaster. The roof will be covered with wood shingles over wood sheathing. Basement floors will be concrete and all wood finish floors will be oak.

BIDS WANTED

HILO, T. H.—Until January 28, bids will be received by the Custodian, United States Post Office, Hilo, T. H., for acoustical work.

8— CLUB BUILDING

January 14, 1935

Planned.

CLUBHOUSE Cost, $10,000
STOCKTON, San Joaquin Co., Cal.
Site to be Selected.
Construct new clubhouse, etc.
Owner—Stockton Yacht Club (Dr. G. H. Rohnacker, Commodore, Medico-Dental Bldg., Stockton.
Architect—To Be Selected.
Further details will be announced in about sixty days.
Other officers of the Yacht Club include:
Fred W. Dulser, vice-commodor; Lawrence Euol, rear commodore; Edward Pillsbury, secretary, and C. L. Coley. Henry Rembold, Henry Colberg and Rudy Olsen.

Contract Awarded.

REPAIR POOL, ETC. Cost, $15,000
SAN FRANCISCO. 524 Post Street.
Repair and underpin club swimming pool (concrete and tile work).
Owner—Olympic Club, 524 Post St.
Architect—S. S. Stone, 110 Sutter St.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

9— HOSPITALS

Planned.
HOSPITAL Cost, $15,000
HEALDSBURG, Sonoma County, Cal.
Lytton Home Grounds
One story frame hospital building
Owner—Dr. C. W. Weaver Memorial Hospital (Brigadier W. G. White, Supt.) Healdsburg
Architect—To Be Selected.
Further details will be announced shortly.

BIDS WANTED
SACRAMENTO, Cal.—Until January 30, 10 A. M., bids will be received by Wm. H. Young, County Clerk, Sacramento, for linoleum floor covering for the Home for the Aged Women in Sacramento.
Plans and specifications may be obtained from Architect Harry Devine, California State Life Bldg., Sacramento.

10— HOTELS

Contract Awarded.
ADDITIONS Cost, $5,000
SAN FRANCISCO, 386 Geary Street.
Add seven baths and showers in hotel (re-tiling, etc.)
Owner—Fielding Hotel, 385 Geary St.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Lindgren and Swinerton, 225 Bush Street.

BIDS WANTED—TO CLOSE JAN. 23.
LOS ANGELES, Cal.—Architects J. and D. B. Parkinson, 808 Title Insurance Bldg., have prepared plans and are taking bids for an addition to women's residence hall at the University of Southern California. In addition to other rooms it will contain a dining room, 54x122 ft., to accommodate 500 people, and a recreation room, 28x60 ft. Design and construction of the addition will conform to the present building, which is a steel frame structure with brick walls. Cost estimated at $75,000.

11—ICE AND COLD STORAGE PLANTS

Plans Being Figured.
GARAGE, ETC. Cost, $42,000
SAN FRANCISCO, Green and Front Streets.
two-story brick cold storage and two-story brick cold storage and office building (20x91 feet), and two-story reinforced concrete cold storage and dry storage building, (10x91 feet); steel trusses, wood joists, electrical work, plumbing, cork insulation, etc., steel sash, etc.
Owner—Kraft Phenix Cheese Corp., 962 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Bids are being received by Mr. E. L. Anderson, Mgr. of Construction, for the owner, at 962 Battery St.

BIDS WANTED
PEARL HARBOR, T. H. — Until Wednesday January 30, bids will be received by the Bureau of Yards and Docks at Pearl Harbor, T. H., for replacement of cold storage plant; Specification 7873. Estimated cost, $7500.

12— POWER PLANTS

BIDS WANTED.
SAN FRANCISCO. — Until Jan. 23, 1.45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Room 251, City Hall, for the installation of a condensate oil removal filter in the steam generating plant at the Laguna Honda Home.
Plans and specifications may be obtained from John J. Casey, City Engineer, Room 357, City Hall.
Following will be asked to submit bids:
International Filter Co., 960 Folsom Street.
California Filter Co., 981 Folsom St.
Ocean Shore Iron Works, 550 8th St.
Oliver B. Lyman, 71 New Montgomery Street.
Stront-Steffens Equipment Co., 237 Ninth Street.
Oliver United Filters, Inc., Balfour Building.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED
SEATTLE, Wash.—Until January 29, 2 P. M., bids will be received by Herbert T. Condon, Secretary, Board of Regents of the University of Washington, for specially designed furniture for the addition to the Library building now under construction on the campus of the University of Washington.
Plans and specifications may be obtained from architects Bebb & Gould, Hoge Bldg., Seattle, upon deposit of $10.

Planned.
AUDITORIUM Cost, $—
LAS VEGAS, Nevada.
Veterans' War Memorial Audtoirium. (two-story structure, to contain lounge rooms, kitchen and banquet hall).
Owner—City of Las Vegas.
Architect—Not Given.

Planned.
CITY HALL Cost, $—
CLOVERDALE, Sonoma Co., Calif.
One-story city hall (58 ft. frontage).
Owner—City of Cloverdale.
Architect—Not Selected.
An application will be filed with the SERA to furnish labor for the proposed project.

Preparing Working Drawings.
FIRE HOUSE Cost, $10,000
BELMONT, San Mateo Co., Cal.
One-story frame and stucco fire house
Owner—City of Belmont.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
An election will be held to vote bonds to finance construction.

CONTRACT AWARDED.
SALINAS, Monterey County, Cal.—Southern Prison Co., San Antonio, Texas, at $1,946 awarded contract by the county supervisors for furnishing and installing tool resisting steel gratings for sixteen windows on the second floor of the Monterey county jail, located on Alisal and Cayuga Streets, Salinas.

14— RESIDENCES

PROPERTY PURCHASED
STOCKTON, San Joaquin Co., Cal.—Adolph Johnson and J. H. Morrison, 807 East Miner Ave., Stockton, have purchased a twenty-five acre tract of land near the junction of the Waterloo Road and the old Cherokee Lane. It is planned to subdivide the property for residences in the near future.

Plans Being Prepared.
RESIDENCE Cost, $8500
OAKLAND, Alameda Co., Cal. Oakmore Highlands
Two-story and basement frame and stucco residence (8 rooms and 2 baths); tile roof, oak floors, gas heating system, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg. Oakland.

Preparing Working Drawings
RESIDENCE Cost, $[illegible]
PIEDMONT, Alameda Co., Cal.
Two story and basement frame and brick veneer residence (8 rooms and 4 baths), shingle or slate roof, hot air heating system, steel sash, colored tile baths, etc.
Owner—Withheld
Architect—Miller & Warnecke, Financial Center Bldg., Oakland

Plans Being Figured.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. West Berkeley Highlands, York Street
Two-story frame and stucco residence (7 rooms and 2 baths); tile roof, gas furnace, hardwood floors, tile baths, tile wainscot, wood sash, etc.
Owner—Alfred Palmer, 14 Windsor St., Berkeley.
Plans by W. W. Dixon, 1844 5th Ave., Oakland.
About one week will be allowed for figuring the plans.

Contract Awarded.
RESIDENCE Cont. Price, $8188
BERKELEY, Alameda Co., Cal. Cedar Street.
Two-story and basement frame and stucco residence (English style); shingle roof, gas heating system, hardwood floors, etc.
Owner—Miss Helen Moore.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.
Complete bids follow:

W. Vernon Bernard, Berkeley	$8188
J. R. Armstrong, Oakland	8297
Jensen & Pedersen, Oakland	8457
B. F. Woolley, Oakland	8548
F. C. Stolte, Oakland	8595
George Windsor, Oakland	8794
H. L. Paige, Oakland	8860
Mark Bristol, Oakland	9183

Sub-Contracts Awarded.
RESIDENCE Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 1448 Hamilton Avenue.
One - story and basement frame and stucco residence.
Owner—C. M. Brink, 1050 Waverly Pl. Palo Alto.
Architect—Not Given.
Contractor—R. C. Knight, 595 Bailey Avenue, Mountain View.
Plumbing—Ural Williams, 218 Stanford Ave., Palo Alto.
Electric Wiring—Erskin Electric Co., Middlefield Road, Menlo Park.
Tile Work—Tanner Tile Co., 3159 El Camino, Palo Alto.
Brick and Stone Work—A. G. Anderson, 3159 El Camino, Palo Alto.
Lumber—Pacific Mfg. Co., Santa Clara
Painting—Otto Freehorn, 130 Pine St., Palo Alto.
Plastering—Bob. Alberson, 1112 High St., Palo Alto.

Contract Awarded.
RESIDENCE Cont. Price, $5600
SANTA ROSA, Sonoma Co., Calif.
One - story and basement frame residence (five rooms) English style, half timber construction, shake roof, etc.
Owner—Frank Usseglica
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—C. L. Personette, 731 Santa Rosa Ave., Santa Rosa.

Sub-Contracts Awarded.
RESIDENCE Cost, $7,000
SANTA ROSA, Sonoma Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) Spanish style; tile roof, floor furnace, hardwood floors, tile baths, etc.
Owner—George Rothang.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Contractor—Ellis Ahlstrom, 411 Short Street, Santa Rosa.
Plumbing—M. Sugarman, 124 4th St.
Electric Wiring—L. A. Drake, 516 4th Street.
Heating—M. Sugarman, 124 4th St.
Sheet Metal—G. Main, 213 Benton Avenue.
Tile Work—H. Gladrow, 711 Spencer Street.
Hardwood Floors — McCann's Santa Rosa.
Brick and Stone Work—David Jordan Santa Rosa.
Painting—D. Sanl & Benedeth, 918 Washington Street.
Plastering—Keen Bros., Santa Rosa.
Foundations—M. Maxwell, 511 Barnett. All contractors of Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 5860 Buena Vista Ave.
One and one-half-story frame and stucco residence (7 rooms).
Owner and Builder — H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—Not Goven.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. NW Ingerson St. 200 S Jennings St.
One-story and basement frame and stucco residence.
Owner—Natale Tongnetti, 1786 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Ernest Icardi, 227-A Collingwood St., San Francisco.

To Be Done By Day's Work.
ALTER. RESIDENCE Cost, $1000
SAN FRANCISCO. No. 1255 Fulton Street.
Alterations to frame residence.
Owner—C. C. McCabb, Premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN JOSE, Santa Clara Co., Cal. No. 2102 Park Avenue.
Two one-story and basement frame and stucco residences (5 rooms).
Owner—Emmit McQuaid, 198 Tillman Ave., San Jose.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
HILLSBOROUGH, San Mateo Co. Cal.
Two - story frame and stucco residence (7 rooms and 2 baths) Colonial style; shingle roof, wood sash, gas hot air heating system, tile baths, hardwood floors, etc.)
Owner—W. P. Byrne.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—Fred Kurtz, 2423 Delmer St., Oakland.
Lumber — Piedmont Lumber Co., 351 40th St., Piedmont.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Plumbing—Morrison & Blair, 415 Villa Terrace, San Mateo.
Electric—Fred. Schmits, 428 Moss Ave. Oakland.
Painting—J. W. Vickroy, 3049 Richmond Blvd., Oakland.
Hardwood Floors — Inlaid Floor Co., 600 Alabama St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost $4,000
SAN FRANCISCO. E Tenth Avenue 250 S Moraga.
One - story and basement frame and stucco residence.
Owner and Builder—Jesse Horn, 4708 Mission Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 574 46th Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—D. Boccaccio, 578 46th Street, Oakland.
Architect—Not Given.
Contractor—A. Icardi, 972 Alleen St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $18,000
STOCKTON, San Joaquin Co., Calif. No. 959 Country Club Blvd.
Two-story brick residence.
Owner—Gussie Cohn.
Architect — Frank V. Mayo, 108 E-Miner St., Stockton.
Contractor — Ecker Bros., 1658 S. San Joaquin St., Stockton.
Plumbing—Eddy Electric Co., 309 E. Weber St.
Electric Wiring—Grider Electric Co., 409 E. Weber St.
Tile Work—Stockton Tile Co., 523 E. Channel St.
Iron Grill Work—Valley Iron Works.
Brick and Stone Work—Ferman Bros.
Lumber—Ruse-Blair Lumber Co., 1030 E. Charter St., Stockton.
Painting—Wm. Anderson, RFD 2, Box 77-A, Stockton.
Lathing and Plastering—Perry Bros., 242 E.Miner Ave., Stockton.
Finish Materials — Oak-Park Planing Mill.
Grading—Fred Kaus, 2726 E. Main St.,
Foundations—Joe Silver.
Structural Steel—Henry Shaefer. All of Stockton.

Contract Awarded.
RESIDENCE Cost, $10,000
TURLOCK, Stanislaus Co., Cal.
Two-story and basement frame and stucco residence (7 rooms and 2 baths) Spanish style; tile roof, oil or gas heating system, hardwood floors, tile baths, etc.
Owner—J. F. Osborne.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—H. A. Hubbard, 925 Columbia St., Turlock.
Heating bids held under advisement

January 15, 1931

Contract Awarded.
RESIDENCE Cost, $13,000
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Oaks.
Two-story and basement frame and stucco residence (ten rooms and 3 baths(separate lavartory); shake roof, gas heating aystem, hardwood floors, tile baths, wood sash, etc.
Owner—Ernest Cropp.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Richard Minor, 1444 Burlingame Ave., Burlingame.

Contract Awarded.
ALTER RESIDENCE Cost, $——
LOS BANOS, Merced Co., Calif.
Alterations to residence (new plumbing fixtures, etc.)
Owner—R. Gardner, Los Banos.
Architect—Not Given.
Contractor—Clyde Jones, Los Banos.

Contract Awarded.
ALTER RESIDENCE Cost, $2000
SAN FRANCISCO. 1521 Sanchez St.
Alterations to frame residence.
Owner—Mrs. Jean Radke, 1521 Sanchez Street.
Architect—Not Given.
Contractor — Wm. Byrne, 1606½ Dolores Street.

To Be Done By Day's Work.
ADDITION Cost, $2000
OAKLAND, Alameda Co., Calif. 4001 San Leandro Street.
Addition to frame residnnce.
Owner—O. B. Call, 4001 San Leandro Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 444 Spruce Street.
Two - story and basement frame and stucco residence (8 rooms).
Owner and Builder—Milton S. Bonds, 30 Halkin Lane, Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Junipero Serra Blvd. 120 S. Monterey Blvd.
One - story and basement frame and stucco residence.
Owner and Builder—T. F. Lang, 344 San Leandro Street.
Architect—H. G. Stoner, West Portal and Portola Drive.

Contract Awarded.
RESIDENCE Cost, $3000
OAKLAND, Alameda Co., Calif. 1801 105th Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—A. Rose, 1801 109th Avenue, Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland.

PLANS BEING PREPARED
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms) Colonial style, shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

15— SCHOOLS

CONTRACTS AWARDED.
BERKELEY, Alameda Co., Calif.—Berkeley School District has awarded the following contracts:
(1) **Structural Steel** (in place, including shoring and tests)—Schrader Iron Works, 1247 Harrison Street, San Francisco, $1,680.
(2) **Roofing and Sheet Metal**—Dixon & Holbrook, 2180 Dwight Way, Berkeley, $2,405.
(3) **Roofing and Sheet Metal**—Edgar Anderson, 3103 San Pablo Avenue, Oakland, $740.

BIDS WANTED.
SAN FRANCISCO.—Until Jan. 23, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Wks, Rm. 251, City Hall, for installation of hardwood floors in principal's office and adjoining room at the Farragut School, Holloway near Faxon Avenue. Approximately 375 square feet are involved. Materials to be ⅝x2 select plain oak; border of same; two nails to each board, 7 inches apart. One coat of paste filler, color as selected; two coats of shellac; one coat of wax. Further particulars may be obtained from John T. Burns, Supt. of Public Building, 484 11th St.

Preparing Preliminary Plans.
SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Cal.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bonds in the amount of $35,000 will be sold on February 5.

Plans Being Figured—Bids Close Feb. 19, 8:30 P. M.

REPAIR SCHOOLS Cost, $65,000
CROCKETT, Contra Costa Co., Calif.
Repairs and earthquake - proofing of Crockett grammar school and John Swett high school (brick walls, timber roof, trusses, maple floors)
Owner—Carquinez School District.
Engineers—H. D. Newell and A. W. Earl, 55 New Montgomery Street, San Francisco.
Consulting Architect H. H. Gutterson, 526 Powell St., San Francisco.

Plans Approved.

AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Calif.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
State Division of Architecture has approved plans, which are now awaiting PWA approval.

TO MAKE SURVEY

COLUMBIA, Tuolumne Co., Cal.—State Division of Architecture will make a survey of the Springfield and Columbia Grammar School Buildings in Columbia.

Plans Awaiting Approval.

SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Cal.
One-story frame and stucco elementary school (six classrooms, principal's office, lunchroom, etc.); probably tile roof (Jefferson Elementary School).
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans forwarded to State Division of Architecture for approval.

LOW BIDDER.

LOS ANGELES, Cal.—Geo. Mittry, 122 South Avenue 20, submitted low bid at $37,197 to Los Angeles board of education for erection of a new frame and stucco main building (56x152-ft.) at the Chatsworth Park school site, 22,025 Devonshire St., Van Nuys District. Frank P. Allen, Jr., 603 Architects Bldg., architect, and Murray Erick, structural engineer, 811 W 7th St., Los Angeles.

Contract Awarded.

SCHOOL Cont. Price, $57,123
BAKER, Oregon.
Two - story Junior High School (face brick, masonry walls) 16 classrooms, 223 x 84 feet; gymnasium, lockers, showers, etc.
Owner—Baker School District.
Architect—Lee Thomas, Weatherly Building, Portland, and Wallace Landreth, Baker.
Contractor—A. Ritchie & Co., Baker.
Heating—Rushlight and Co., 407 S.E. Morrison, Portland, $14,177.
Plumbing—Hunter & Graham, Baker, $4,324.
Electric—Anderson & Co., Baker, $2,371.

Plans Awaiting Approval.

SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Calif.
One-story frame and stucco elementary school (Crocker Elementary School) six classrooms, principal's office, lunchroom, etc.; probably tile roof.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans forwarded to the State Division of Architecture for approval.

BONDS FAIL

SAN MARTIN, Santa Clara Co. Cal.—The San Martin School District defeated bond issue in the amount of $11,000 January 12. Proceeds were to have financed construction of an addition to the San Martin Elementary School in San Martin.

January 16, 1935

Plans Completed.

EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-ft. extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall, asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Plans and specifications will be forwarded to the PWA office, San Francisco, for approval within a few days.

Awards Approved.

SCHOOL Cont. Price, $148,676
SEBASTOPOL, Sonoma Co., Cal.
Two - story reinforced concrete high school building.
Owner—Analy Union High School Dist.
Architects—Louis C. Stone and J. R. Howell, Humboldt Bank Bldg., San Francisco.
Structural Engineer — Norman Green, 55 New Montgomery Street, San Francisco.
Mechanical Engineer—Robert L. St. John Co., 544 Market Street, San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Heating—Carpenter & Mendenhall, 907 Front St., San Francisco, at $21,267.
Electrical bids still held under advisement.
Sub-contracts will be awarded Jan. 18.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until January 30, 4 P. M., bids will be received by Long Beach Board of Education for arts and science building to be built on the Jefferson Junior High School site. Separate bids will be taken on the general plumbing, electric wiring, heating and ventilating. Warren I. Dedrick, 903 Heartwell Bldg., Long Beach, Architect, and C. D. Wailes Jr., Ocean Center Bldg., Long Beach, Structural Engineer.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until January 25, 4 P. M., bids will be received by Long Beach Board of Education for administration unit to be built on the James Russell Junior High School site. Separate bids will be taken on the general, plumbing, electric wiring, heating and ventilating. Edward L. Mayberry, Architect, and Earle S. Marsh, 3900 E. Third St., Long Beach, Engineer. It will be a two-story structure, covering an area of 250x63 feet, and will have a light steel frame, gunite exterior walls.

BIDS WANTED

WEST WHITTIER, Los Angeles Co., Cal.—Until 2 P. M., January 25 (opening date postponed from January 18), bids will be received by Board of Public Building Reconstruction, at the West Whittier School, for the reconstruction and rehabilitation of a school building in accordance with plans prepared by Herbert F. Mackie, architect, and John Paxton Perrien, Western Pacific Bldg., Los Angeles. Plans may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25.

BIDS WANTED

GARDENA, Los Angeles Co. Cal.—Until February 5, 11 30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for construction of a new school building at the Denker Avenue School site, located on the southwest corner of Denker Ave. and Market Street, Gardena. Winchton L. Risley, 220 S. Westmoreland Ave., Architect. Cost, $52,606

BIDS WANTED

LOS ANGELES, Cal.—Until February 6, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for construction of three one-story, frame and stucco school buildings at the Western Ave. School site, 1724 W. 53rd St. Myron Hunt and H. C. Chambers, 408 S. Spring St., Architects, and Clyde C. Deuel, 405 Douglas Bldg., Structural Engineer. Cost, $89,613.

LOW BIDDERS

HERMOSA BEACH, Los Angeles Co., Cal.—T. P. Schultz, 911 N. Chester Ave., Compton, submitted low normal bid to Board of Public Building Reconstruction at $48,680, for reconstructing the classroom building at the Pier Avenue School in Hermosa Beach. Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, submitted low normal bid for the shop and cafeteria building at $8500. Other low bids were: A. J. Garcia Co., 1072 N. Wilton Place, Los Angeles on plumbing at $1721.50; A. J. Garcia Co. on heating and ventilating at $5687; Coast Electric Co., 2350 Cedar Ave., Long Beach, on electric wiring at $6308. Sam Lunden, 400 Rowan Bldg. Los Angeles, architect, and Paul E. Jeffers, structural engineer.

Plans Awaitng Approval.

SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Cal.
One-story frame and stucco grammar school (8 classrooms, principal's office, lunchroom, etc.); probably tile roof (Woodrow Grammar School).
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans forwarded to the State Division of Architecture for approval.

Plans Being Completed.

SCHOOL Cost, $——
SAN FRANCISCO. Geary and Scott Streets.
Restoration of portion of Girls' High School (portion recently destroyed by fire).
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Associate Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen 525 Market Street.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval within one week.

BIDS WANTED

COALINGA, Fresno Co., Cal.—Until January 30, 7:30 P. M., bids will be received by F. J. McCollum, Secretary, Coalinga Union High School District, for furnishing and installing laboratory equipment for the Science Building at the Coalinga Union High School site.
Specifications, complete lists of items and bid form are on file with the Secretary and copies of same may be obtained from W. D. Coates, Architect, 626 Rowell Bldg., Fresno. Certi-

fied check or bidder's bond in an amount equal to at least 10% of the total amount of bid must accompany each proposal.

BIDS WANTED

LOS CERRITOS, Los Angeles Co., Cal.—Until January 30, 4 P. M., bids will be received by Long Beach Board of Education for construction of a building at the Los Cerritos School site. Separate bids will be taken on the general plumbing, electric wiring, heating and ventilating. H. Alfred Anderson, 30 Pine Ave., Long Beach, architect. Cost, $45,000.

BID OPENING DATE POSTPONED

WEST WHITTIER, Los Angeles Co. Cal.—Until January 25, 2 P. M., (date postponed from January 18), bids will be received by Board of Public Building Reconstruction, at West Whittier School, for reconstruction and rehabilitation of a school building in accordance with plans prepared by Herbert F. Mackie, architect, and John Paxton Perrine, Western Pacific Bldg. Los Angeles. All work will be included in the general contract.

APPROPRIATION INCREASED.

LONG BEACH, Cal.—Long Beach board of education has increased the appropriation for the U. S. Grant School to $115,200 and has instructed Architect Jas. R. Friend, 210 Laughlin Bldg., Long Beach, to proceed with revised plans for the administration unit. Construction will be of frame and stucco, tile and composition roofing, concrete corridors, maple floors, tile toilet floors, steel toilet partitions, steam heating, etc.

Bids Opened.

ADDITION Cost, $31,945
AVENAL, Kings Co., Calif.
Three-room addition to Kettleman Elementary School.
Owner—Reefe - Sunset Union School District (A. . Toler, clerk).
Architect—Ernest J. Kump, Rowell Building, Fresno.
Low Bidder—Trewhitt - Shields Co., Pacific Southwest Bldg., Fresno.
Complete bids follow:

Trewhitt-Shields Co., Fresno	$31,945
T. C. Irwin, Fresno	32,997
LaForti & Heffner, Fresno	33,124
Harris Const. Co., Fresno	33,761
R. Hodghson & Sons, Porterville	33,981
W. P. Moore, Fresno	34,687
W. J. Ochs, Fresno	35,361
C. T. Lightner, Lemoore	35,578

Bids held under advisement.

Commissioned To Make Survey.

SURVEY SCHOOLS Cost, $——
BURLINGAME, San Mateo Co., Cal. Calif.
To survey the McKinley, Howard Ave., Hoover, Roosevelt, Pershing and Coolidge schools.
Owner—Burlingame School District.
Architect—Jas. M. Mitchell, 360 Pine St., San Francisco.
Structural Engineer—Harold B. Hammill, 381 Bush St., San Francisco.
Upon completion of survey a bond election will be held for an amount necessary to make improvements.

Plans Being Prepared.

RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame residence (8 rooms, 3 baths) brick and rustic exterior, hardwood, tiled baths, hardwood floors, etc.
Owner—Bank of America.
Architect—Earl MacDonald, 194 John St., Oakland.

Plans Being Prepared.

SCHOOL Cost, $53,000
ARROYO GRANDE, San Luis Obispo Co., Cal.
One-story frame and stucco grammar school (8 classrooms) terra cotta tile roof, reversible windows, drinking fountains, hot air heating system, etc.
Owner — Arroyo Grande Elementary School District.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

BIDS WANTED.

LONG BEACH, Cal.—Until January 30, 4 P. M., bids will be received by the Long Beach board of education for arts and science building (167x66-ft.) to be built on the Jefferson junior high school site. Separate bids will be taken on the general, plumbing, electric wiring, heating and ventilating. Warren L. Dedrick, 901 Heartwell Bldg., Long Beach, architect, and C. D. Wailes, Jr., Ocean Center Bldg., Long Beach, structural engineer.

BIDS WANTED.

LONG BEACH, Cal.—Until January 25, 4 P. M., bids will be received by the Long Beach board of education for the administration unit to be built on the Jas. Russell junior high school site. Separate bids will be taken on the general, plumbing, electric wiring, heating and ventilating. Edward L. Mayberry, architect, and Earle S. Marsh, 3906 E Third St., Long Beach, engineer.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Cal.—Steed Bros., 5 S. Stoneman Ave., Alhambra, awarded contract by the Beverly Hills board of education at $53,980, for the construction of a new school building at the Hawthorne school site. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect.

PLANNED

FULLERTON, Orange Co., Calif.—SERA is financing the preparations of plans for a proposed junior college plant to be erected in Fullerton. Upon completion of the plans, trustees of the school district will determine whether the entire plant will be constructed at once or whether it will be built in units as the demand for additional school space arises.

LOW BIDDER.

LOS ANGELES, Calif. — Bannister-Field-Potts Co., Ltd., 4101 Goodwin Ave., submitted low bid at $227,385 at Los Angeles board of Education for the reconstruction, rehabilitation and strengthening of the main building, auditorium building (1927 addition), and boys' and girls' physical education buildings at the Thomas A. Edison Junior high school, located on Flooper Ave. between 64th and 67th Streets. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., architect, and Murray Erick, 811 West 7th St., structural engineer.

BOND ELECTION.

PITTSBURG, Contra Costa Co., Cal.—School district directors have set February 1 as the date for a special election to vote again on a bond issue of $79,000 for reconstruction of buildings necessary to comply with state earthquake safety act. Bonds were approved at a previous election, October 16, but bond brokers declined to bid on the issue due to a flaw in the proceedings.

BIDS OPENED

SCHOOL Cost, $60,000
HEALDSBURG, Sonoma Co., Cal.
One and two-story wing addition to high school, reinforced concrete (structural steel frame) composition roofing, steam heating system, maple floors, etc.; gymnasium, music department, 3 classrooms, alterations, etc.
Owner—Healdsburg High School Dist.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Low Bidder—George Petersen, 1841 Bancroft avenue, San Leandro, $67,990.
Complete bids follow:

George Petersen, San Leandro			$67,990
(1)	$ 2,300	(6)	$ 228
(2)	1,700	(7)	610
(3)	725	(8)	400
(4)	900	(9)	300
(5)	7,800	(10)	240
N. H. Sjoberg & Son, S. F.			$75,574
(1)	$ 2,535	(6)	320
(2)	1,802	(7)	413
(3)	700	(8)	328
(4)	900	(9)	430
(5)	8,623	(10)	240
Wm. Spivock, San Francisco			$75,773
(1)	$ 2,200	(6)	227
(2)	1,800	(7)	400
(3)	725	(8)	275
(4)	900	(9)	475
(5)	6,200	(10)	260
Monson Bros., San Francisco			$75,950
(1)	$ 2,450	(6)	$ .....
(2)	1,711	(7)	410
(3)	734	(8)	328
(4)	913	(9)	392
(5)	6,372	(10)	250
Fred H. Betz, Sacramento			$76,100
(1)	$ 2,535	(6)	$ 227
(2)	1,800	(7)	403
(3)	720	(8)	460
(4)	617	(9)	694
(5)	7,017	(10)	265
H. E. Vickroy, Stockton			$78,939
(1)	$ 2,334	(6)	$ 327
(2)	1,831	(7)	300
(3)	792	(8)	467
(4)	626	(9)	486
(5)	7,255	(10)	244

Award to low bidder is recommended and has been approved by PWA.

January 11, 1935

BIDS WANTED.

LOS ANGELES, Cal.—Until Jan. 31 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building, less the 1932 addition, at the Hermon School, 5507 Bushnell Way. Building is a two-story, brick structure. The work will consist of strengthening exterior walls and roof, adding bracing and anchors, altering interior, adding reinforcing, etc., to conform to the new state earthquake code requirements. Frank D. Hudson, 701 Laughlin Bldg., architect, and F. N. Dlouhy, structural engineer, 9273 Cordell Drive. Cost, $44,451.

LOW BIDDERS.

LONG BEACH, Cal.—R. E. Campbell, 130 Linden Ave., Long Beach, submitted the apparent low general bid (using salvaged materials) to the Long Beach board of education at $244,163, for the construction of Bldgs. B, D and F at the Alexander Hamilton Junior High School site. Low bids on other contracts were: Hickman Bros., 910 E. Anaheim St., Long Beach on the plumbing at $10,722; E. Willardson, 2407 Tesla Terrace, Los Angeles, on the heating at $11,900; Egge Electric Co., 2222 E. 4th St., Long

Beach, on the electric wiring at $15,-394. Schilling and Schilling, 145 Linden Ave., Long Beach, architect and engineer. Construction will be of steel frame, steel studs, cement plaster walls, concrete and maple floors, composition roofing, wood and steel sash.

Complete bids on file in the office of Daily Pacific Builder.

LOW BIDDERS.

LONG BEACH, Cal.—Pacific Realty & Building Co., 433 East Broadway, Long Beach, submitted low general contract bids to Long Beach board of education at $32,923 (salvaged materials) and $35,355 (new materials) for the construction of a school building on the Signal Hill site. Other low bids were: Clarke Plumbing Co., 3304 E 7th St., Long Beach, on plumbing and heating, at $1769 (salvaged materials); H. L. Douglas Electric Co., 3635 Gundry Ave., Long Beach, on electric wiring at $2175 (salvaged materials). Clarence N. Aldrich, architect; Aaron J. Smith, structural engineer.

Bids Opened.

SCHOOL Cost, $——

NEWBERG, Oregon.

One - story and basement grammar school (247x84 ft.) reinforced concrete, brick and hollow tile construction, asbestos shingle roof, (will contin 11 classrooms, large auditorium, offices, kitchen, cafeteria, etc.)

Owner—School District No. 29, Yamhill County, Oregon.

Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.

Low Bidder—H. J. Settergren, 5627 N.E. 26th Ave., Portland.

Complete bids follow:

H. J. Settergren	$47,872
Ward & Millbrandt	49,059
J. F. Johnson, Newberg	49,118
Malarkey & Kallander	49,520
Shattuck and Nealand	50,586
L. H. Hoffman	51,429

All bidders of Portland unless otherwise specified.

Bids held under advisement.

Plans Being Prepared.

STRENGTHEN SCHOOL Cost, $26,000

CENTERVILLE, Alameda Co., Calif.

Strengthen Washington Union High School (steel and wood strengthening, etc.)

Owner—Washington Un. High School District.

Architect—Birge M. Clark, 310 University Ave., Palo Alto.

Bids will be asked in April or May.

BIDS OPENED.

BERKELEY, Alameda Co., Calif.—Following bids received by the Berkeley Board of Education for structural steel (in place including shoring and tests); sheet metal; cement gun concrete (gunite); heating and ventilating, including stacks, for the reconstruction of the Tousand Oaks School. Tacoma and Colusa Sts., Berkeley.

(1) Structural steel;
(2) Roofing and sheet metal;
(3) Cement gun construction;
(4) Heating and ventilating (no bids received).

Schrader Iron Works, S. F.	(1)	$1,680
Independent Iron Works, Oakland	(1)	2,715
Bay Cities Asbestos Co., Oakland	(2)	2,405
Dixon & Holbrook, Oakland	(2)	2,405
Edgar Anderson, Oakland	(3)	746
Cement Gun Const. Co.	(8)	846
DeLuca & Son, S. F.	(3)	1,099

Bids held under advisement.

Bids Wanted—To Close Feb. 20, 2:30 P. M.

JUNIOR HIGH SCHOOL Cost $530,000

SAN FRANCISCO, Fillmore Street between Bay and Chestnut Streets (Marina Junior High School).

Three-story reinforced concrete academic building (28 classrooms; 15 special rooms, two choral rooms) steel frame gymnasium, tar and gravel roof, steam heating system, wood and linoleum floors, wood & steel sash, wood trim.

Owner—City and County of San Francisco.

Architects—George Kelham, 315 Montgomery Street; W. P. Day, Financial Center Building.

Mechanical Engineer—Leland & Haley 58 Sutter Street.

Bids will be taken as follows:

General Work: (Estimated Cost) $425-000; (Deposit for plans) $50.00

Mechanical Equipment and Plumbing: (Est. cost) $65,000; (Deposit) $25

Electrical Work: (Est. cost) $40,000; (Deposit) $25.00.

Bids will also be taken for work complete, including general contract, mechanical equipment and plumbing and electrical work.

A penalty of $100 per day will be charged for each day work is not completed after specified time.

Plans and specifications may be obtained from C. H. Sawyer, City Architect.

Bids will be opened by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall.

BIDS WANTED

LOS ANGELES, Cal.—Until February 1, 11:30 A. M., bids will be received by the Los Angeles board of education for the reconstruction, rehabilitation and strengthening of Shops Nos. 1 and 2 at the John C. Fremont high school, located on the east side of San Pedro St., between 76th and 79th Sts. A. S. Nibecker, Jr., architect, and Geo. J. Fosdyke, structural engineer, 112 N. Main St. Cost, $37,501.

BIDS WANTED.

BAKERSFIELD—Kern Co., Calif.—Kern County Union High School District is taking bids for razing the abandoned school building on F St. between 13th and 14th Sts., Bakersfield.

BIDS OPENED.

BERKELEY, Alameda Co., Calif.—Following bids received by the Berkeley Board of Education for materials for the reconstruction of the Thousand Oaks School, Tacoma and Colusa Sts., Berkeley.

Lumber

Melrose Lumber Co., 1201 46th Ave., Oakland	$1,357.73
E. K. Wood Lumber Co.	1,425.18
Bay City Lumber Co.	1,450.00
Alternate	1,433.54
Smith Lumber Co.	1,480.10

Identical bids were submitted by the following at $1,749.13: Boorman Lumber Co., R. G. Hiscop Lumber Co., Hogan Lumber Co., Humphrey Farrar, H. Lincoln & Sons, *Tilden Lumber Company.

*Alternate bid submitted at $1,299.30

Concrete Materials

Identical bids were submitted by the following at $1,290.19:

Contra Costa Building Materials Co. Berkeley.
Chas. S. Hughes Co., Oakland.
Rhodes-Jamieson Co., Oakland.
Transit Concrete Co., Oakland.

Reinforcing Steel

Identical bids at $383.29 submitted by McGrath Steel Co., Oakland, and Truscon Steel Co., San Francisco.

Miscellaneous Iron

Independent Iron Works, 821 Pine St., Oakland	$1,794.10
Anchor Post Fence Co., Oakland	2,132.74

The bids of Baker Hamilton and Pacific Co. and C. W. Marwedel were incomplete.

Plumbing

Identical bids at $2,059.63 were submitted by the following

Crane Company.
Grinnell Company, San Francisco
Moran Plbg. & Supply Co., Oakland
Oakland Plbg. Supply Co., Oakland
Richmond Sanitary Co., Richmond
Tay-Holbrook Co., San Francisco.
Walworth California Co., Oakland.

Bids of C. W. Marwedel and Baker Hamilton and Pacific were incomplete

Rough Hardware

E. K. Wood Lumber Co., Frederick & King Sts., Oakland	$193.85
Associated Hardware Co., Oakland	208.69

Mill Work

Tilden Lumber & Mill Co., 400 High St., Oakland	$601.01
Sheehan Ballard Planing Mill, Berkeley	605.99

Building Paper

Baker Hamilton & Pacific Co., 700 7th St., San Francisco.	$10.90
E. K. Wood Lbr. Co., Oakland	15.06

Identical bids at $45.00 were submitted by the following:

Contra Costa Building Materials Co Berkeley.
Chas. S. Hughes Co., Oakland.
Rhodes-Jamieson, Ltd., Oakland.
Transit Concrete Co., Oakland.

Lath and Plaster

Identical bids at $1,338.72 were submitted by the following:

Contra Costa Building Materials Co Berkeley.
Chas. S. Hughes Co., Oakland.
Rhodes-Jamieson, Ltd., Oakland.
Transit Concrete Co., Oakland.
Truscon Steel Co. and Baker, Hamilton and Pacific bids were incomplete.

Electrical Supplies

Crescent Electric Co., 2333 Telegraph Ave., Oakland	$481.58
White Elec. Co., Berkeley	524.92
Rochester Elec. Co., Berkeley	533.83
Bradshaw Elec. Co., Berkeley	535.83

Finish Hardware

Associated Hardware Co., 3860 San Pablo Ave., Oakland, submitted only bid at $740.20.

Paint

National Lead Co., Harrison & Tenth Sts., Oakland	$141.48
General Paint Co., Oakland	156.99
F. W. Dunne Co., Piedmont	169.12
W. P. Fuller & Co., Oakland	175.06
M. Friedman Paint Co. Oakland	184.00

Glass

W. P. Fuller & Co., 259 10th St. Oakland	$258.68
Cobbledick-Kibbe Glass Co.	280.60

Blackboards and Cork Carpet

Rucker Fuller Co., 1922 Franklin St., Oakland	$100.00
American Seating Co., S. F.	104.00
J. W. Fricke & Co., S. F.	104.00

Bids held under advisement.

Plans Being Completed.

SCHOOL Cost, $75,000

HEALDSBURG, Sonoma Co., Calif. Luce Estate Property (6.3 acres).

One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.

Owner—Healdsburg Grammar School District.

Architect—John I. Easterly, 302 Grant St., Healdsburg.

Bids will be asked in about two weeks.

16— BANKS, STORES AND OFFICES

Contract Awarded.

REMODEL FOR STORES $8000

SAN FRANCISCO. N Chestnut St. W Fillmore Street.

Remodel lower portion of apartments for three stores (work involves

unit tile front, plate glass, chromium bars, electric heat, tile toilets, all metal furring and lathing, steel sash, wood flooring, hardwood in show windows, etc.)
Owner—Anglo California Bank.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco.

Contract Awarded.
ALTER STORE Cost, $4,000
SAN FRANCISCO. 159 Montgomery Street.
Alterations to store building.
Owner—The Owl Drug Co., 657 Mission Street.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Building.

Contract Awarded.
ALTER STORE Cost, $5000
SAN FRANCISCO. No. 895 Market Street.
Alterations to store building.
Owner—The Owl Drug Co., 657 Mission Street.
Plans by Engineering Dept of Owner.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.

BIDS WANTED
OAKLAND, Cal.—Until January 23, 8 P. M., bids will be received by John H. Kimball, Secretary, East Bay Municipal Utility District, 512 16th St., Oakland, for furnishing and installing complete with all accessories, in conformity with Board of Fire Underwriters, an automatic fire sprinkler system at the main building, located at 512 16th St., Oakland; Proposal No. L. S. 137.

LOW BIDDER.
SANTA BARBARA, Calif.—Schoenrock-Fisher, 624 S. La Brea Ave., Los Angeles, submitted low bid to Architects Edward C. Taylor and Ellis W. Taylor, 803 W. Third St., Los Angeles for alterations to the ground floor of the Elks' building in Santa Barbara for the Pacific Mutual Life Insurance Co. Work will include the installation of new store fronts, metal channels & stud partitions, suspended ceilings, exterior and interior plastering, brick bulkheads, plain and decorative tile, electrical work, etc. Architect John F. Murphy, 116 E. Sola St., Santa Barbara, will supervise construction.

Construction To Start Shortly.
ADDITION Cost, $15,000
REDDING, Shasta Co., Cal. Market and Placer Streets.
One-story concrete addition to store building (annex 67x140 feet).
Owner—McCormick Saeltzer Co., Redding.
Architect—Not Given.

Being Done By Day's Labor.
ALTER STORE Cost, $——
PACIFIC GROVE, Monterey Co., Cal. Lighthouse Avenue.
Alterations to store building.
Owner—M. W. Crowley, Pacific Grove.
Architect—Guy Koepp, Carmel.
Work is being done under the owner's supervision.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 629 Cortland Avenue.
Alterations to store and flats.
Owner—Philip Sanfilippo, 6134 Geary Blvd., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 130 Bush Street.
Alterations to nine-story loft building (work includes installation of elevator, partitions and general alterations).
Owner—Limited Mutual Insurance Co.
Architect — Gardner A. Dailey, 210 Post Street.

Planned.
ALTER BLDG. Cost, $——
SAN FRANCISCO. Montgomery St. bet. California and Sacramento.
Alterations to 4-story store and loft building.
Owner—Louis R. Lurie, 333 Montgomery Street.
Architect—Not Given.
Proposed work is in a very preliminary stage.

Sub-Contracts Awarded.
BEAUTY SHOP Cost, $3434
SAN JOSE, Santa Clara Co., Calif. San Carlos St. near Market St.
One-story and basement beauty shop (wood frame, plastered exterior, linoleum floors, panel partitions).
Owner—A. Castle.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor—M. W. Reese, 1210 Minnesota Ave., San Jose.
Lumber—S. H. Chase Lumber Co., San Jose.
Mill Work—Minton Co., Mt. View.
Plumbing—Wm. Ehlert, San Jose.
Sheet Metal—Wm. Ehlert, San Jose.
Roofing—Farmers' Union, San Jose.
Electric Wiring—Norman Russell, San Jose.
Concrete—Pyle Bros., San Jose.
Iron Work—R. Hellwig Iron Works, San Jose.
Plastering—J. C. Chiere, Mt. View.

Contract Awarded.
STORE Cost, $7761
SAN JOSE, Santa Clara Co., Calif. W 11th St. N. Reed St.
One-story frame building.
Owner—Walter Ruddick, 601 S. 8th St. San Jose.
Architect—Not Given.
Contractor — B. H. Painter, Gordon Ave., San Jose.

PLANS BEING FIGURED.
BEVERLY HILLS, Los Angeles Co., Cal.—Architects Gable & Wyant, 3723 Wilshire Blvd., Los Angeles, are taking bids from a selected list of contractors for the superstructure, which will include excavating, carpentry and concrete work, and segregated bids for the remainder of the work, for a market building (103x150-ft.) to be built at the southwest corner of Wilshire Blvd. and Doheny Dr., Beverly Hills, for Wilshiremart Market.

Contract Awarded.
ALTERATIONS Cost, $4300
SAN FRANCISCO. No. 51 Stockton Street.
Alterations to store front (work involves glass, marble ,electric work terrazzo, steel, etc.)
Owner—Fashion Bootery.
Plans by Owner.
Contractor—Louis C. Dunn, Monadnock Bldg., San Francisco.

BIDS OPENED
SAN FRANCISCO—Alfred Gough, 10 Washburn St., at $180 submitted only bid to Department of Public Works for furnishing and installing a graph panel in the Controller's office, City Hall.
Bids held under advisement.

BEING DONE BY DAY'S WORK
SAN FRANCISCO—The conactruction department of the S. H. Kress Company, owners , are painting the interior and exterior of the building at 939 Market Street, by day's labor.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 923 Market Street.
Alterations to store building.
Owner—Zukor's, 923 Market St., San Francisco.
Architect—McClelland & Jones, Seattle, Washington.
Contractor—Mullen Manufacturing Co. 64 Kausch St., San Francisco.
Construction will start immediately.

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO. No. 130 Bush St.
Alterations to nine-story loft building (work includes installation of elevator, partitions and general alterations).
Owner—Limited Mutual Insurance Co.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—Paul K. Jones, 1272 18th Ave., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. 9 Irving St., 32 W Seventeenth Ave.
Alterations to baths.
Owner—Peder P. Johnson, 1750 Bay St., San Francisco.
Architect—Not Given.

PREPARING PRELIMINARY DRAWINGS.
SANTA MONICA, Los Angeles Co., Calif.—Architects Morgan, Walls and Clements, 1135 Van Nuys Bldg., Los Angeles, are preparing preliminary plans for a new market building to be erected on the southeast corner of Wilshire Blvd. and Third St., Santa Monica, for Ralph Grocery Co. A two-story warehouse will be built at the rear of the market, total ground area covered by the two structures to be 100x145 ft. Reinforced concrete walls, wood roof trusses, composition roofing, concrete floors, concrete-paved parking area, steel windows, tile bulkheads, market doors, refrigeration system, electric heaters, etc. Cost $60,000.

Contract Awarded.
ALTERATIONS Cost, $1566
OAKLAND, Alameda Co., Calif. 1706 Broadway.
Alterations to building.
Owner—Great Western Power Co., 245 Market Street, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

Planned.
OFFICE BLDG. Cost, $——
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One-story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutula Insurance Co., (George S. Crane, Secretary).
Architect—To Be Selected.
Further details will be announced January 22.

17— THEATRES

Planned.
ALTER THEATRE Cost, $——
SAN JOSE, Santa Clara Co., Cal. No. 263 South First Street.
Remodel American Theatre.
Owner—Golden State Theatre Corp., 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—Sallh Bros., 25 Taylor St. San Francisco (Probable Contractors).

PLANS COMPLETED.
WESTWOOD, Los Angeles Co., Cal. —Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, completed plans for an open-air theatre to be

uilt at Westwood for the University of California at Los Angeles. Application has been made for SERA labor for excavating and preliminary work. The structure will be of concrete construction, concrete slab floor, wood and iron seats, etc., and will have a seating capacity of approximately 12,000 persons.

19—MISC. CONSTRUCTION

Planned.

RADIO STATION Cost, $10,000
CHICO, Butte Co., Calif.
Construct 250-watt radio station (R. C. A. equipment throughout, etc.)
Owner—Golden Empire Broadcasting Co. (Harold Smithson, 369 Pine St., San Francisco, Sydney Lewis and Willis Shields, et al).
Architect—Not Given.
Engineer—Ken. Willman, Chico.
Further details will be announced in about 45 days.

FUNDS ASKED.

SAN FRANCISCO.—Golden Gate Bridge and Highway District directors will apply to Federal Public Works Administration for grant of approximately $500,000 to be used in military betterments at the Presidio of San Francisco that will result from removal of buildings and other structures incidental to clearing right of way for south approach to the Golden Gate bridge. Application is being prepared by General Manager Jas. Reed and will be filed shortly with A. D. Wilder, state PWA engineer.

CONTRACTS AWARDED.

FRESNO, Fresno Co., Calif.—Quartermaster Civilian Conservation Corps, Fresno, awarded the following contracts for furnishing lumber, plumbing materials and wall felt under Bid No. 5905-35-67. Materials to be delivered fob CCC warehouse, Fresno:

Lumber—Standard Lumber & Mill Co. Fresno, $560.75.

Plumbing Materials—Dallman Supply Co., Sacramento, $349.22.

Wall Felt—Dallman Supply Co., Sacramento, $88.00.

Complete bids follow:

Lumber

Standard Lumber & Mill Co.	$560.75
Tilden Lumber & Mill Co., Oakland	565.23
Kellner & Sons	617.63
Maisler Bros. Lumber Co.	684.53

Plumbing Materials

Dallman Supply Co., Sacramento	$349.22
Tay-Holbrook Co., S. F.	371.13
Maisler Bros. Lbr. Co.	399.45
Fresno Plbg. Sup. Co., Fresno	436.99
J. A. Fazio, Oakland	458.90
Gundlach Plumbing Co.	500.00

Wall Felt

Identical bids at $88.00 were submitted by the following: Dallman Supply Co., Kellner & Sons, Maisler Bros. Lumber Co., Pacific Coast Paper Co., W. P. Fuller & Co., and Blake, Moffett & Towne.

BIDS WANTED.

SAN FRANCISCO. — Until January 16, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Room 251, City Hall, for moving wood and coal house from Visitacion Valley School, Visitacion Avenue and Schwerin Street to the Horace Mann School, 23rd and Bartlett Streets.

Further particulars may be obtained from John T. Burns, Supt. of Public Buildings, 484 11th Street.

BIDS WANTED

LAKEPORT, Lake Co., Cal.—Until February 6 8, P. M., bids will be received by Edwin Callahan, Adjutant, Lakeport Post No. 159, American Legion, Lakeport, for sale of the building (without equipment) known as Legion Hall, and outbuildings in Lakeport, Calif. Purchaser must remove building from premises on or before May 15, 1935.

All bids must be accompanied by cash, cashier's check or draft payable to Edwin Callahan.

BIDS WANTED

BAKERSFIELD, Kern Co.,Cal.—Until February 4, 7:30 P. M., bids will be received by Marvin Davis, Clerk, Kern County Union High School Dist., Administration Bldg., Bakersfield, for demolition of the Commercial Building located on Block 362, bounded by F, 13th, G and 14th Sts., Bakersfield. Contractor is to build fence on north, south and west sides of building; all trees, sidewalks and curbs to be protected during work; steam mains, water pipes, gas lines and electric lines will be disconnected by the owner. Salvage material will go to the contractor. Foundation walls are to be taken out and lot cleaned.

Bidder must submit Surety Bonds.

Work Started.

ADDITION Cost, $5000
SAN MATEO, San Mateo Co., Cal.
Municipal Golf Links.
Construct locker rooms and kitchen at Municipal Golf Links.
Owner—City of San Mateo.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Work is now under way by SEFA labor.

Plans Being Figured—Bids Close Jan. 17, 12 Noon.

MORTUARY Cost, $——
SAN BRUNO, San Mateo Co., Cal.
Two-story frame and stucco mortuary (to contain mortuary, chapel and residence above); composition and tile roof, circulating heaters, hardwood floors, etc.
Owner—S. Nieri, 322 Grand Avenue, South San Francisco.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Following will submit bids:
A. Dixon, San Bruno.
H. H. Larsen, 64 South Park, San Francisco.
M. J. Henry, 132 Bancroft Road, Burlingame.
Jos. Bettencourt, 422 San Anselmo Ave., San Bruno.
Albert Magnuson, 320 Cypress Ave., San Bruno.
Anton Pianca, 609 Pine Terrace, South San Francisco.

Preliminary Plans Approved.

MAUSOLEUM Cost, $50,000
NEVADA COUNTY, Calif. Between Grass Valley and Nevada City.
One-story reinforced concrete mausoleum (marble and bronze interior; to contain 372 crypts, 570 niches).
Owner—Engineers Associates, Inc.
Architect—Walter C. Clifford, 310 Locust St., San Francisco.
Mausoleum Engineer—T. L. DeCew.
Working drawings will be started within a few days and special contract figures will be asked in about six weeks.

BIDS WANTED

MODESTO, Cal. — Unail Feb. 11, 3 P. M., bids will be received by the Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the consruction of a second circuit on the present towers of the Modesto-Don Pedro Electric Transmission Line, located between Modesto and Don Pedro, Calif. The work involves:
(1) 192,000 lbs. hare copper cable;
(2) Furnishing and delivering porcelain insulators and hardware as follows:
(a) 5000 suspension insulators;
(b) 966 suspension insulator hooks
(c) suspension insulatro clamps;
(d) 138 dead end clamps.
(3) Furnishing and delivering one 3-hole 69 K.V oil circuit breaker, including all necessary oil;
(4) Furnishing construction, installation, labor, and transportation as described in the specifications.

Plans and specifications obtainable from above office upon deposit or $25.

To Be Done By Day's Work.

BIN Cost, $1650
SAN JOSE, Santa Clara Co., Cal. No. 217 W. Julian Street.
One-story concretee bin.
Owner—Food Machinery Corp., Prem.
Architect—Not Given.

BID OPENED

SAN FRANCISCO—Pearson & Johnson, 2031 Bryant St., at $55 submitted only bid to Department of Public Works for moving wood and coal house from the Visitacion Valley School, Visitacion Ave. and Schwerin St. to the Horace Mann School, 22nd and Bartlett Sts.

Bid held under advisement.

Contract Awarded.

IMPROVE TRACK Cost, $——
SAN BRUNO, San Mateo Co., Cal.
Tanforan Race Track.
Improvements and addition at Tanforan race track (move back grandstand, etc.)
Owner—Pacific Coast Breeders Association (J. Marchbank).
Architect—None.
Contractor—Anderson & Kingrose, 320 Market St., San Francisco.
Cost will exceed $50,000.

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Modesto Transportation Service, Modesto, at $672 awarded contract by the Modesto Irrigation District for hauling 24,000 sacks of cement from Waterford to the places where the cement will be used in lining work on the main canal.

BIDS WANTED

OAKLAND, Calif.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at $12,458 submitted low bid to the East Bay Municipal Utility District for furnishing cast iron water pipe for the Distribution System under Proposal No. L. S. 135.

Bids were taken as follows:
(1) 22,000 l.f. 4-in. CIP;
(2) 5,000 l.f. 5-in. CIP;
(3) Total.

Complete bids follow:

U. S. Pipe & Foundry Co., San Francisco	(1)	$ 9,328
	(2)	3,130
	(3)	12,458
If awarded job complete		12,340
American Cast Iron Pipe Co., San Francisco	(1)	$ 9,460
	(2)	3,150
	(3)	12,610
National Cast Iron Pipe Co., Oakland	(1)	$ 9900
	(2)	3,250
	(3)	13,150
Grinnell Co. of the Pacific, San Francisco	(1)	$ 9,900
	(2)	3,250
	(3)	13,150
Pacific States Cast Iron Pipe Co., S. F.	(1)	$ 9,900
	(2)	3,350
	(3)	13,250

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Morris Engr. Co. was awared the contract by the Metropolitan Water District at 19.2 cents per gallon for furnishing 60,000 gallons coal tar pitch cutback sealing compound, item (2), under Spec. No. M-2035, Bid No. 30599. All bids for whitewash and asphaltic emulsion were rejected.

BIDS OPENED.

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, for furnishing coal tar enamel and base primer under Spec. No. 1595. The bidders were:

(A) California Pipe & Supply Co., discount, 1% 30 days.

(B) Walles-Dove-Hermiston Corp.: Terms net.

(C) Willard Warne Co.: Discount 1% 20 days.

(D) General Paint Co.: Discount, 1% 20 days.

(E) Morris Engr. Corp.: Terms net.

(F) James M. Conlon Corp.: Terms net.

(G) Paraffine Company: Terms net.

(H) General Paint Corp.: (Alt. bid) Discount, 1% 20 days.

The items were:

(1a) for approx. 284 tons coal tar enamel furnished in containers of 500 to 600 lbs. each, fob bidder's trucks department's Slauson yard, Slauson and Compton Aves., at a price per ton including cost of containers;

(1b) same as above fob the bidder's shipping point;

(2a) for approx. 1000 gals. of coal tar base primer furnished in approx. 50 gallon drums fob bidder's trucks department's Slauson yard, Slauson and Compton Aves., at a price per gal.

(2b) same fob bidder's shipping pt.

The bids were:

	(1a)	(1b)	(2a)	(2b)
(A)	$48.35	$39.35	$ .44	$ .38
(B)	68.25	55.00	1.45	1.384
(C)	51.00	47.50	.57	.54
(D)	52.75	48.75	.45	.40
(E)	60.89	60.39	.60	.597
(F)	60.89	46.90	.60	48
(G)	45.00	41.00	.60	.58
(H)	45.75	41.75	.45	.40

BIDS OPENED.

SAN FRANCISCO.—Max Rosenberg, 1355 California St., at $.71 per cu. yd. submitted low bid to the Purchasing Agent, City Hall, for furnishing 4,000 to 5,000 cubic yards of loam for Golden Gate Park. Complete bids follow:

Max Rosenberg	$.71
L. Devincenzi	.75
San Francisco Paving Co.	.75
Devincenzi Bros. & Co.	.85
Meyer Rosenberg, Inc.	.85

Bids held under advisement.

BIDS REJECTED.

OAKLAND, Cal.—All bids received by the City of Oakland Port Commission, January 7, for furnishing crushed rock road materials and asphaltic road oil have been rejected

Complete bids published Jan. 10.

BIDS OPENED

PASADENA, Cal.—Six firms submitted identical bids to the Pasadena City Clerk, January 15, for furnishing lead covered cable for the municipal light and power department. Bids were taken as follows:

(1) 5676 ft 3-conductor sector stranded 36-strands approximately, 500,000cir. mil. type "H" 23,000-volt grounded neutral cable, conductor insulation 19/64 in. plain lead sheath 10/64 in. thick, on 19 68-in. reels;

(2) 4663 ft. 3-conductor sector transed, 36-strand, approx., 500,000 cir. mil. type "H", 23,000-volt grounded neutral cable, conductor insulation 19/64 in .plain lead sheath, 10/65 in. thick, on 17 68-in. reels.

Benj. F. Delanty, general manager, Municipal Light & Power Department.

The bidders were:

John A. Roeblings Sons Co.

General Electric Co.

General Cable Co.

Columbia Steel Co.

OKonite Co.

General Electric Supply Co.

The prices were:

(1) $2.612 ft.; 19 pulley eyes, $4.50 eacvh; reels $53.00; (2) $2.612; 17 pulley eyes, $4.50 each; reels, $53.00; grand total, $28,944 86.

BIDS OPENED.

LOS ANGELES, Cal.—Bids for furnishing varnished cambric insulated cable fob Departments warehouse, 1630 N. Main St., under Spec. No. 1581, were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, Los Angeles.

Bids were taken as follows:

(1) for 2,000 ft. nominal No. 8 AWG, 600 volt, flexible, single conductor, varnished cambric insulated cable in coils of 500 ft.;

(2) 2,000 ft. nominal No. 2, AWG, 600 volt, do, on reels of 1,000 feet;

(3) 1,000 ft. nominal 2/0 AWG, 600 volt, do on reels of 1,000 feet;

(4) 10,000 ft. No. 6 AWG, 7-strand,, 5000 volt, sinlge conductor, varnished cambric insulated cable in coils of 500 ft.;

(5) 2,000 ft. No. 2/0 AWG, 19-strand do in rolls of 1,000 ft.

Identical bids at: (1) $46.90 per M ft.; (2) $123 per M ft.; (3) $207 per M ft.; (4) $109 per M ft.; (5) $252 per M ft.; were submitted by the following: General Electric Co., Electric Sales Co., General Cable Co., Associated Wholesale Electric Co., Westinghouse Electric & Supply Co., John A. Roebinig's Sons Co., Columbia Steel Co., General Electric Supply Co. and Graybar Electric Co.

Myers Electric Supply Co. and Listenwalter & Gough, Inc., submitted bids as follows: (1) $36.90; (2) $123; (4) $216; (4) $110; (5) $267.

All firms offered terms of net 30 days; ½% 10 days after date of invoice.

BIDS OPENED.

LOS ANGELES, Cal.—Fourteen bid were submitted to the Metropolita Water District, S. A. Joseph, Purchasing Agent, Jan. 16 for furnishing deformed concrete reinforcement bar in the grades shown in Spec. No. M 2037, Bid No. 31559.

The bids were identical in price quoted, although some bidders, as indicated below, bid only on portions o the schedules. The prices were:

Schedule 1, item (1a) $53.60; (1b) $55.60; (1c) $57.60; item (2a) $51.49 (2b) $53.40; item (3a) $50.60; (3b) $52.60; (3c) $54.60; item (4a) $48.40 (4b) $50.40.

Total 1, and 2, $225,402.

Total, 3 and 4, $212,952.

Schedule 2, item (5a) $57.29; (5b) $59.29; (5c) $61.29; item (6a) $55.09; (6b) $57.09.

Total, Schedule 2, $86,789.90.

Schedule 3, item (7a) $56.40; (7b1) $.0525; (7b2) $.07; (7b3) $.09; (7c) 15c.

Total for Schedule No. 3, $9913.35.

The bidders were:

Patten-Blinn Lumber Co.: Bidding on all schedules; discount, ½ of 1% 10 days from date of invoice.

Blue Diamond Corporation, Ltd.: All schedules; ½ of 1%, 10 days.

L. A. Iron & Steel Co.: Schedule 1 only; ½ of 1% 10 days. Will not accept in excess of 2000 tons on items 1 and 2, and 1500 tons on items 3 and 4.

Soule Steel Co.: All schedules; discount, ½ of 1% 10 days.

Simmons Company of California, San Francisco: Schedule 1, item 3 only; ½ of 1%, 14 days.

Security Materials Co.: Schedule 1 only; ½ of 1% 10 days.

A. M. Castle Co.: Schedule 1 only; 60 days net; ½ of 1% 40 days.

Truscon Steel Co.: All schedules, ½ of 1% 10 days.

Union Hardware and Metal Co.: Schedule 1 only; items 1 and 2, ½ of 1% 10 days; 3 and 4, ½ of 1%.

Republic Steel Co.: Schedule 1 only; ½ of 1% 10 days. Lengths not to exceed 60 ft., items 3 and 4.

Graham Bros.: All schedules; ½ of 1% 25 days.

California Hardware Co.: Schedule 1 only; ½ of 1% 10 days; 30 days net.

Ducommun Corp.: Schedule 1 only; ½ of 1% 10 days, 30 days net.

Concrete Engineering Co. Schedules 2 and 3 only; ½ of 1% 10 days.

FERNCO GALVANIZED CORNER BEAD

Straight as an Arrow, Manufactured from 26 gauge Prime Galvanized Sheets especially made for us—No Flaking or Peeling of Galvanizing. Manufactured in 6- 7- 8- 9- 10- and 12-foot lengths.

HUMP CORNER BEAD CLIPS

When construction makes it necessary for Wider Flange use clips to lengthen the leg.

THE FERNALD COMPANY

275 Natoma Street, San Francisco - KEarny 0263

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

TO ASK BIDS.

OAKLAND, Calif.—San Francisco-Oakland Bay Bridge Commission, 500 Sansome Street, San Francisco, will receive bids about March 1 for construction of distribution structure at the east end of the approach fill crossing the Southern Pacific and Key System tracks.

Principal items are 200,000 l.f. timber pile; 26,000 c.y. concrete; 3,000,000 lbs. reinforcing steel; 2,500,000 lbs. structural steel.

C. H. Purcell, Chief Engineer.

CONSTRUCTION PROGRAM

SAN FRANCISCO.—San Francisco-Oakland Bay Bridge Commission, 500 Sansome Street, San Francisco, Chief Engineer C. H. Purcell, announces tentative schedule for advertising contracts to be let for completion of portions of Bay Crossing:

(Contract) Four - lane subway at Folger Ave., Berkeley (Approximate date for advertising) January 25.

Traffic distribution structure at east end of Eastbay approach fill; Feb. 1.

Administration Bldg. and toll plaza on Eastbay approach fill; April 1.

Bridge lighting and other electrical work; May 1.

Overhead structure between east end of traffic distribution structure and 38th and Market Sts., Oakland; June 1.

Paving Eastbay approach fill from end of bridge to Ashby Ave., Berkeley; Jan. 1, 1936.

Paving Cypress Street lateral; Jan. 1, 1936.

Paving between east end of Folger Ave. subway and Ninth St. and Ashby Ave. intersection, Berkeley; Jan. 1, 1936.

Contracts for construction of the interurban railway system on the bridge and the San Francisco Interurban approach and terminal probably will be ready for advertising about July 1, but the date will depend upon the period required for negotiations to determine rail service arrangements and type of terminal facilities.

TO ASK BIDS.

BERKELEY, Calif.—San Francisco-Oakland Bay Bridge Commission, 500 Sansome Street, San Francisco, will advertise for bids shortly to be received probably February 21 (tentative date) for construction of a four-lane subway on the route of the Berkeley approach to the bridge at Folger Avenue beneath the tracks of the Southern Pacific Railroad.

Principal items are 16,000 c.y. excavation; 5,700 c.y. concrete; 500,000 lbs. reinforcing steel.

C. H. Purcell, Chief Engineer.

BIDS WANTED

SAN FRANCISCO.—Until January 23, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Rm. 251, City Hall, for repairs to the Mission Viaduct at Cayuga Ave. (Cayuga Ave. underpass, Mission Viaduct). Estimated cost $6000. The work involves:

(1) 1500 cu. yds. excavation and backfill;
(2) 230 cu. ft. cutting out disintegrated concrete and guniting;
(3) 300 lbs. furnishing & setting steel reinforced bars;
(4) 5 furnishing and setting connections for electrolysis readings;
(5) 20 sq. yds. plastering;
(6) 5400 sq. yds. painting;
(7) 21 MBM shoring;
(8) Cutting down and repairing sewer working chamber, including new slab and furnishing and setting manhole frame and cover, lump sum.

Plans and specifications obtainable from City Engineer John J. Casey, Room 357 City Hall, upon deposit of $10.

LOW BIDDERS.

CASA GRANDE, Ariz. — Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, at $77,400 submitted low bid to the Arizona State Highway Commission, January 15, for highway construction on the Casa Grande - Gila Bend Highway, AFE 540 and 8409. The work, which is to extend from the town of Casa Grande westerly one mile, consists of constructing a railway underpass with grading, draining, concrete pavement and cutback road mix.

Daley, Vinson & Pringle at $78,987 submitted second low bid.

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 1695, for furnishing one 160-ft. structural steel continuous beam span for Dog Bar bridge:

Dyer Bros., San Francisco	$2,523
Herrick Iron Works, Oakland	2,424
Western Iron Works, S. F.	3,200
Golden Gate Iron Works, S. F.	2,450
Judson Pacific Co., Oakland	2,360
Pacific Coast Steel Co., Alameda	2,093
Moore Drydock Co., Oakland	2,698
Shrader Iron Works, S. F.	2,938

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, for furnishing: (1) one 60-ft. structural steel truss span; (2) one 30-ft. structural steel skew beam span; (3) two structural steel bents for 60-ft. structural steel truss span, bids to include all bolts for field connections, superstructure bolts etc. for Riverside Ranger Station bridge, near Tuolumne. Under Bid No. 1698

Palm Iron Works, Sacramento, (1) $1,060; (2) $362; (3) $191

Shrader Iron Works, San Francisco, (1) $1,126; (2) $292; (3) $179.

Western Iron Works, San Francisco, (1) $1,192; (2) $322; (3) $168.

Judson Pacific Co., San Francisco, (1) $1,218; (2) $211; (3) $160.

Dyer Bros. Golden West Iron Works San Francisco, (1) $1,073; (2) $298; (3) $172.

Golden Gate Iron Works, San Francisco, (1) no bid; (2) $285, (3) no bid.

Pacific Coast Steel Co., San Francisco, (1) $1,300; (2) $350; (3) $200.

Moore Dry Dock Co., Oakland, (1) $1,243; (2) $405; (3) $314.

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 1700, for furnishing: (1) one 70-ft. structural steel continuous beam span; (2) one 90-ft. structural steel continuous beam span; (3) one 80-ft. structural steel continuous beam span:

Moore Dry Dock Co., Oakland, (1) $954; (2) $1,168; (3) $1,022.

Pacific Coast Steel Corp., San Francisco, (1) $708; (2) $880; (3) $740.

Shrader Iron Works, San Francisco (1) $728; (2) $969; (3) $811.

Judson Pacific Co., Oakland, (1) $673 (2) $873; (3) $732.

Golden Gate Iron Works, San Francisco, (1) $800; (2) $1,000; (3) $800.

Dyer Bros. Golden West Iron Works, San Francisco, (1) $846; (2) $1,125; (3) $911.

Western Iron Works San Francisco (1) $895; (2) $1,080; (3) $882.

Palm Iron Works, Sacramento, (1) $985; (2) $1,119; (3) $966.

CONTEMPLATED

MODESTO, Stanislaus Co., Cal.—City council will ask co-operation of county supervisors and Modesto Irrigation District directors in replacement of obsolete timber bridge over canal on Sycamore Avenue. City Engineer Frank J. Rossi.

BIDS REJECTED.

PLUMAS COUNTY, Cal.—All bids received by the State Highway Commission, Sacramento, December 18, for the construction of a reinforced concrete bridge across the North Fork of the Feather River at Rock Creek, consisting of one 205-ft. arch span, four 40-ft. and one 20-ft. reinforced concrete girder spans on concrete piers and abutments in Plumas County have been rejected.

The work will be readvertised.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

22—DREDGING HARBOR WORKS EXCAVATION

PROJECT APPROVED

ALAMEDA, Cal. — SERA has approved project for reconstruction of seawall along southeast shore from Bay Farm Island bridge to Third St., Alameda. City Engineer George Sperbeck will supervise work. Allotment for labor $6582.

AWARD

RICHMOND, Contra Costa Co., Cal. —American Dredging Co, 255 California St., San Francisco, awarded contract by the Standard Oil Co. of Californit, Chief Engineer H. H. Hall, 225 Bush St., San Francisco, for dredging approximately 60,000 cu. yds. of material in berthing areas adjacent to the long wharf in Richmond outer harbor, to a depth of 32 feet.

BIDS OPENED

INDIO, Cal.—Breedlove Corp., 649 S. Olive St., Los Angeles, submitted low bid to the Board of Trustees of the Coachella Valley Storm Water District, Indio, Riverside County, Cal. January 12, at 15c per cu. yd., for constructing a levee in Deep Canyon, 2100 ft. in length, starting and terminating in Sec. 6, Twp. 6 South, Range 6 East, S.B.B.&M. The other bids were:

Triangle Rocl. & Gravel Co., 16c.
Ray Schweitzer, 18c.
Fredrickson & Watson, 25c.

BIDS OPENED.

LOS ANGELES, Cal.—Dimmitt and Taylor, 815 E 59th St., Los Angeles, submitted the low bid to the Los Angeles county board of supervisors at $5691.60, for the construction of pile and wire revetment on San Jose Creek 2600 ft. upstream and 2000 ft. downstream from Mission Mill Road. Bids were taken as follows:

(1) 2160 c.y. channel excavation;
(2) 3830 l.f. single pile and wire revetment.

The bids were:

Dimmitt & Taylor: (1) 21c; (2) $1.38; total, $5691.60.

Owl Truck & Materials Co.: (1) 25c (2) $1.39; total, $5933.20.

Sharp & Fellows Contr. Co.: (1) 40c; (2) $1.75; total $7654.

TO PURCHASE BONDS

PHOENIX, Arizona—Purchase by the R.F.C. of Roosevelt Irrigation District bonds in the sum of $2,000,000 has been assured, according to an announcement by W. J.. Burns, President of the district. The proceeds of the loan will be used for relining of about 40 miles of canals and the rehabilitation of the collection system, estimated at $670,000, and the retirement of $3,065,000 district bonds at 40 cents on the dollar.

BIDS OPENED.

LOS ANGELES, Cal.—E. G. Perham 1128 Stearns Drive, Los Angeles, submitted the low bid to the Los Angeles county board of supervisors at $7140 for the construction of a pile and wire revetment along the east and west banks of the San Gabriel river at Beverly Blvd., 5700 ft. upstream.

Bids were taken as follows:

(1) 6800 l.f. pile and wire revetment.

The bids were:

E. G. Perham, (1) $1.05; total $7140.

Owl Truck & Materials Co.: (1) $1.065; total $7242.

Sharp & Fellows Contr. Co.: (1) $1.25; total, $8500.

Dimmitt & Taylor, (1) $1.40; total, $9520.

BIDS WANTED

MODESTO, Cal.—Until January 29, 10 A. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, Board of Directors, 823 11th St., Modesto, for furnishing all materials except cement for the repair of old lining by Juniting, the construction of 2-in. concrete lining, and reinforced concrete outlet headwalls in the Canals and Laterals of the District The work involves:

GROUP X: (1) 341,330 sq. ft. lining 2-in. thick;
(2) 7.92 cu. yds. reinf. concrete;
(3) 57,450 sq. ft. gunite, 1-in. thick

GROUP Y: (1) 257,096 sq. ft. lining 2-in. thick;
(2) 16.78 cu. yds. reinforced concrete.

Certified or cashier's check or bid bond for 5% must accompany each bid.

Plans and specifications obtainable from above office. *

23— IRRIGATION PROJ.

APPLICATIONS FILED.

SACRAMENTO, Cal.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of December, 1934:

8187 (Butte County) Parrott Investment Co., care G. W. McEnerney, Hobart Bldg., San Francisco, for 100 cfs from Philbrook Creek and Big Butte Creek tributary to Feather river to be diverted for irrigation on 18,000 acres. Est. cost, $30,000.

8188 (Butte Co.) Alice Phelan Sullivan Corp., care Cushing & Cushing, attorneys, 1 Montgomery Street, San Francisco, for 100 cfs from Philbrook Creek and Big Butte Creek tributary to Feather river to be diverted for irrigation purposes on 2890 acres. Est. cost, $30,000.

8189 (Sierra Co.) P. H. Mason, 881 61st St., Oakland, for 3 cfs from 4th ravine tributary to Little Slate creek to be diverted for mining and domestic purposes. Est. cost, $585.

8190 (San Luis Obispo Co.) Security First National Bank of Los Angeles, for .31 cfs from two wells in Salinas river tributary to Monterey Bay to be diverted for irrigation purposes on 77.6 acres. Est. cost, $5000.

8191 (Tuolumne Co.) John B. DeMartini for town of Groveland, for 1 cfs from two springs tributary to the South Fork Tuolumne river to be diverted for domestic and fire protection purposes. Est. cost, $17,000.

8192 (Ventura Co.) City of Ventura for 9800 ac. ft. per annum from Coyote creek tributary to Ventura river to be diverted for municipal purposes. Est. cost, $532,000.

8193 (Nevada Co.) Ancho-Erie Mining Co., Grantville, for 3 cfs from the South Fork Poorman creek tributary to South Fork Yuba river, to be diverted for power and domestic purposes; 290-thp to be developed. Est. cost, $8000.

8194 (Modoc Co.) A. J. and Walter Cantrall, Box 20, Likely, for 200 ac. ft. per annum from Clear Lake on Mill Creek tributary to South Fork Pit river to be diverted for irrigation and stockwatering purposes on 340 ac. Est. cost, $100.

8195 (Humboldt Co.) Chas. E. and Florence Brewer, Orleans, for 1 cfs from fork of China creek tributary to Camp creek to be diverted for mining and domestic purposes. Est. cost, $1-000.

8196 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes river tributary to Mokelumne river to be diverted for power purposes; 13360-thp to be developed.

8197 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes river tributary to Mokelumne river to be diverted for municipal purposes in Sacramento and vicinity.

8198 (Humboldt Co.) Robert L. Benson, Willow Creek, for .025 cfs from bridge creek tributary to Trinity river to be diverted for domestic purposes. Est. cost, $500.

8199 (Inyo Co.) G. M. Kruse, Compton, for 3 cfs from Squaw Springs tributary to Owens river to be diverted for mining purposes. Est. cost $10-000.

8200 (Riverside Co.) K. L. Bacon, Thermal, for 1 cfs from mountain stream tributary to Martinez canyon thence Salton Sea to be diverted for irrigation purposes on 115 acres. Est. cost, $400.

8201 (Trinity Co.) Marion M. and Verlie E. Parmenter, Hayfork, for .222 cfs from McCovy Gulch tributary to Hayfork Creek to be diverted for irrigation and domestic purposes on 10 acres. Est. cost, $200.

8202 (Del Norte Co.) Wm. D. Walker, 251 Cherry Ave., Long Beach, for 2 cfs from Moores Gulch tributary to Smith river to be diverted for mining and domestic purposes. Est. cost, $100.

8203 (Inyo Co.) Lou Razner, 1225 S. Hipoint St., Los Angeles, for 0.12 cfs from Wash from Como Springs tributary to Darwin Wash to be diverted for mining and domestic purposes.

LOW BIDDER

PHOENIX, Ariz.—Pleasant - Hasler Constr. Co., 324 Luhrs Bldg., Phoenex, at $325,625 (bidding on two sections, including dam), submitted low bid to the Maricopa County Municipal Water Conservation District No. 1, Phoenix, January 11, for the construction, reconstruction and improvement of the irrigation works of the said District located from 25 to 35 miles west of northwest of Phoenix.

AWARD

OWYHEE PROJECT, Oregon-Idaho. —J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $123,894 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 600, for the construction of earthwork and structures, North Canal, Station 2[illegible] to Station 3[illegible], Load ox Flat Division, Owyhee Project.

OWYHEE PROJECT—Canals and Tunnels—(Govt.)

OWYHEE PROJECT, Oregon-Idaho. —Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $232,991.50, as previously reported, submitted low bid to the Bureau of Reclamation, Ontario, Ore., January 7, for the construction of earthwork, tunnels and structures, South Canal, Station 2 to Station 736, Succor Creek Division, Owyhee Project, Oregon-Idaho, under Spec. No. 607.

Bids were taken as follows:

SCHEDULE NO. 1

Constructoin of earthwork and structures, South Canal, Station 2 to Station 325 plus 00, except siphons at Stations 112 plus 25, 210 plus 00, and 294 plus 69.1; Turnout at Station 300 plus 75 and Tunnel at Station 178 plus 50;

(1) 165,000 cu. yds. excav. for cannel Class 1;
(2) 305,000 c.y. do. Class 2;
(3) 30,000 c.y. do, Class 3;
(4) 32,000 c.y. excavation for core banks;
(5) 25,000 sta. c.y. overhaul;
(6) 2,300 c.y. excavation for struc., Class 1;
(7) 2,200 c.y. do. Class 2;
(8) 200 c.y. do. Class 3;
(9) 1,500 c.y. excavation for drain channels for culverts. Class 1;
(10) 1,100 c.y. do, Class 2.
(11) 100 c.y. do, Class 3;
(12) 16,000 c.y. backfill about struc.;
(13) 2,200 c.y. puddling or tamping backfill about structures;
(14) 370 c.y. concrete in structures;
(15) 29,000 lbs. placing reinf. bars;
(16) 220 l.f. laying 24-in. lock-joint concrete pipe;
(17) 200 sq. yds. dry-rock paving;
(18) 1,900 lbs. installing gates and gate hoists.

SCHEDULE NO. 2

Construction of Tunnel No. 6, Station 178 plus 50 to Station 193 plus 00.

(19) 7,500 c.y. excavation in open cut Class 1;
(20) 8,000 c.y. do, Class 2;
(21) 300 c.y. do, Class 3;
(22) 150 c.y. backfill;
(23) 100 c.y. puddling or tamping do;
(24) 2,900 c. y. excavation in tunnel all classes;
(25) 23 MFBM furnish and erect permanent timbering in tunnel;
(26) 500 l.f. constructing 6-inch dia. tunnel drain;
(27) 200 l.f. laying 6-in. drain pipe with cemented joints;
(28) 100 c.y. concrete in portal structures and transitions;
(29) 625 c.y. concrete in tunnel lining;
(30) 9,700 lbs. placing reinf. bars,
(31) 75 sq. yds. dry-rock paving;
(32) 200 lbs. install metal stop plank grooves;

SCHEDULE NO. 3

Construction of Tunnel No. 7, Station 325 plus 00 to Station 371 plus 00.

(33) 3,000 c.y. excavation in open cut, Class 1;
(34) 7,000 c.y. do, Class 2;
(35) 300 c.y. do, Class 3;
(36) 150 c.y. backfill;
(37) 100 c.y. puddling or tamping do;
(38) 8,670 c.y. excavation in tunnel, all classes;
(39) 33 MFBM furnish and erect permanent timbering in tunnel;
(40) 1,000 l.f. constructing 6-inch dia. tunnel drain;
(41) 200 l.f. laying 6-in. drain pipe with cemented joints;
(42) 80 c.y. concrete in portal structures and transitions;
(43) 2,100 c.y. concrete in tunnel lining;
(44) 7,500 lbs. placing reinf. bars;
(45) 75 sq. yds. dry-rock paving;
(46) 1,500 lbs. gate and gate hoists;

SCHEDULE NO. 4

Construction of earthwork and structures, South Canal, Station 371 plus 00 to Station 736 plus 29.3, except siphon at Station 466 plus 59.75.

(47) 160,000 c.y. excavation for canal, Class 1;
(48) 140,000 c.y. do, Class 2;
(49) 15,000 c.y. do, Class 3;
(50) 23,000 c.y. excavatinn for core banks;
(51) 15,000 sta. c.y. overhaul;
(52) 5,000 c.y. excavation for struc., Class 1;
(53) 2,500 c.y. do, Class 2;
(54) 100 c.y. do, Class 3;
(55) 14,500 c.y. excavation for drain channels for culverts, Class 1;
(56) 5,500 c.y. do, Class 2;
(57) 200 c.y. do, Class 3;
(58) 9,500 c.y. backfill about struc.;
(59) 1,900 c.y. puddling or tamping backfill about structures;
(60) 480 c.y. concrete in structures;
(61) 40,000 lbs. placing reinf. bars;
(62) 6 MFBM erect timber in bridge;
(63) 36 l.f. laying 24-inch lock-joint concrete pipe;
(64) 250 sq. yds. dry-rock paving;
(65) 350 lbs. installing gates and gate hoists.

Complete bids follow:

SCHEDULE NO. 1

(A) Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Ida., $57,160.00.
(B) J. A. Terteling & Sons, Boise, $65,129.00.
(C) Haas, Doughty & Jones and Marshall & Stacy, San Francisco, $71-172.00.
(D) A. Teichert & Son, Inc., Sacramento, $95,625.00.
(E) Dunn & Baker, Klamath Falls, $98,174.00.
(F) Guthrie-McDougall Co., Portland, $101,611.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .0685	$ .08	$ .086	$ .12	$ 15	$ 11
(2)	.0685	.08	.086	.14	.15	17
(3)	.30	.35	.40	.40	.35	40
(4)	.15	.15	.15	.10	15	1[illegible]
(5)	.02	.03	.05	.02	.02	[illegible]
(6)	.20	.30	.20	40	.30	2[illegible]
(7)	.30	.30	.40	.70	.40	40
(8)	1.00	.50	.80	1.25	70	1 00
(9)	.10	.12	.16	.12	.25	29
(10)	.20	.12	.16	.15	.35	35
(11)	1.00	.50	.50	1.25	60	1 00
(12)	.10	.15	.15	.30	15	17
(13)	.40	.30	.50	.40	.30	40
(14)	13.00	15.00	16.00	20 00	14.00	18 00
(15)	.03	.02	.02	.015	.02	02
(16)	1.00	1.00	1.00	1.25	.90	1 30
(17)	2.00	1.00	2.50	1.80	1 25	2.00
(18)	.05	.03	.04	.05	.04	.0[illegible]

SCHEDULE NO. 2

Total bids follow:

(A) John Klug, Nyssa, Oregon, $29,-942.75.
(B) Morrison - Knudsen Co., Boise, $33,036.00.
(C) J. A. Terteling & Sons, Boise, $34,930.00.
(D) Barnard-Curtiss Co., Minneapolis $37,704.00.
(E) T. E. Connolly, San Francisco, $40,132.00
(F) Dunn and Baker, Klamath Falls, $47,454 00.
(G) A. Teichert & Sons, Inc., Sacramento, $49,779.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(19)	$ .20	$ .08	$ .15	$ .40	$ .30	$ .35	$ .30
(20)	.35	.08	.15	.40	.30	.40	35
(21)	.70	.50	.40	.40	.30	.60	1 50
(22)	.25	.30	.20	.20	.20	.40	.30
(23)	.40	.50	.30	.20	.50	.50	.10
(24)	4.75	6.25	6.50	6.30	8.50	9.50	9.35
(25)	50.00	60.00	100.00	35.00	60.00	100.00	100.00
(26)	.30	.30	1 00	.50	.70	1.50	.50
(27)	.30	.35	1.25	.60	.70	.50	.70
(28)	16.50	20.00	15.00	16.00	14.00	15.00	25.00
(29)	13.25	15.00	14.00	16.00	12.00	14.00	18.50
(30)	.02	.03	.02	.02	.01	.03	.02
(31)	1.00	2.00	1.00	1.00	1.00	1.20	1 50
(32)	.10	.05	.03	.10	.10	.04	.10

SCHEDULE NO. 3

Total bids follow:

(A) J. A. Terteling & Sons, 2232 Fairfield Ave., Boise, Ida., $93,455.00.
(B) Morrison - Knudsen Co., Boise, $99,802.50.
(C) T. E. Connolly, San Francisco, $106,725.00.
(D) Dunn and Baker, Klamath Falls, $122,365.00.
(E) S. S. Magoffin & Co., Adrian, Ore. $130,282.50.
(F) A. Teichert & Son, Inc., Sacramento, $161,065.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(33)	$ .15	$ .08	$ .30	$ .35	$ .25	$ .30
(34)	.15	.08	.30	.40	.60	.35
(35)	.40	.50	.30	.60	.80	1.50
(36)	.20	.30	.20	.40	.30	.30
(37)	.30	.50	.50	.50	.60	.40
(38)	6.50	7.25	9.00	9.50	9.25	13.40
(39)	100.00	60.00	60.00	100.00	125.00	100.00
(40)	1.00	.30	1.00	1.50	.75	.50
(41)	1.25	.35	1.00	.50	.75	.70
(42)	15.00	20.00	14.00	15.00	18.00	25.00
(43)	14.00	15.00	10.00	14.00	18.00	16.50
(44)	.02	.03	.01	.03	.02	.02
(45)	1.00	2.00	1.00	1.20	3.00	1.50
(46)	.03	.05	.05	.03	.10	.10

SCHEDULE NO. 4

Total bids follow:

(A) J. A. Terteling & Sons, 2232 Fairview Ave., Boise, $44,836.50.
(B) Morrison - Knudsen Co., Boise, $45,493.00.
(C) Haas, Doughty & Jones and Marshall & Stacy, San Francisco, $46,-035.00.
(D) Barnard-Curtiss Co., Minneapolis $68,196.00.
(E) Guthrie-McDonald Co., Portland, $71,204.30.
(F) Dunn and Baker, Klamath Falls, $72,215.90.
(G) A. Teichert & Sons, Inc., Sacramento, $76,067.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(47)	$ .07	$ .0685	$ .074	$ .10	$ .11	$ .15	$ .14
(48)	.07	.0685	.074	.17	.17	.15	16
(49)	.35	.50	.40	.40	.40	.35	[illegible]
(50)	.15	.15	.15	.15	.15	.15	[illegible]
(51)	.03	.02	.03	.05	.03	.02	.02
(52)	.30	.20	.15	.30	.25	.30	.10
(53)	.30	.30	.20	.40	.40	.40	.70
(54)	.50	1.00	.50	.40	1.00	.70	1 25
(55)	.10	.10	.12	.12	.20	.25	.1[illegible]
(56)	.10	.10	.12	.18	.35	.35	17
(57)	.50	1.00	.25	.30	1.00	.60	1 2[illegible]
(58)	.14	.10	.15	.20	.17	.15	30
(59)	.30	.40	.30	.25	.40	.30	40
(60)	15.00	13.00	14.00	18.00	18.00	14.00	22.00
(61)	.02	.02	.02	.03	.02	.02	.015
(62)	15.00	50.00	20.00	30.00	25.00	17 00	25 00
(63)	1.00	2.00	1.00	1.00	1.30	.90	1.25
(64)	1.00	2.00	2.00	1.60	2.00	1.25	1 80
(65)	.03	.06	.04	.10	.05	.04	.05

STIPULATIONS

Morrison-Knudsen Co.: Will accept Schedule 1 plus 4 or, 2 plus 3, or all if awarded all schedules, deduct $2,500 from gross total $235,491.50, making a net total of $232,991.50.

J. A. Terteling & Sons: Will accept Schedules 2 and 3 together but not separately. Will accept Schedules 1 and 4 together but not separately. Will not accept Schedules 2 and 3 together without Schedules 1 and 4. Total bid on all schedules, $238,350.50.

T. E. Connolly: If awarded both Schedules 2 and 3, deduct $8,000 from final estimate.

Dunn and Baker: Will accept all Schedules, or 1 and 4, 2 and 3 together. If awarded all schedules, deduct $15,000 from gross total $340,208.90, making a net total of $325,208.90.

A. Teichert & Son, Inc.: If awarded Schedules 1 and 4 deduct 5% from all item bid prices on both schedules. Will not accept Schedule 2 alone.

Guthrie - McDougall Co., Portland: Both or none.

34 — PARKS AND PLAYGROUNDS

PLANNED

LAKEPORT, Lake Co., Cal.—Wm. Hanbridge, Pacific Gas and Electric Co., has made preliminary survey on installation of lights for distance of 3.5 miles along shore of Clear Lake at Clear Lake Highlands. A. F. Beecher, chairman of committee to prepare petition for board of supervisors asking that lighting district be created.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND, Cal.—Herrick Iron Wks. 18th and Campbell Sts., Oakland, at $944 submitted low bid to East Bay Municipal Utility District for furnishing eight steel operating tables for the Orinda Filter Plant. Proposal No. 576. Complete bids follow:

Herrick Iron Works	$ 944
Eastside Mfg. Co., Oakland	1122
Pacific Coast Engr. Co., Oakland	1176
Benner & Nawman, Oakland	1393
Water Works Supply Co., S. F.	1440

Bids held under advisement.

BIDS OPENED.

LOS ANGELES, Cal.—Bids were received by County Sanitation District No. 2 January 9 for furnishing gas and engine equipment delivered fob Joint Disposal Plant of the District at Harbor City.

Bids were taken as follows:

(1) One internal combustion gas engine to opeerat on gas from digesting sewage solids, the engine to develop 200 h. p. when running at lot less than 100 nor more than 900 revolutions per minute, and to be equipped with flexible coupling for direct connection to a horizontal centrifugal pump;

(1a) (alternate to item 1) one internal combustion gas engine to operate on gas from digesting sewage solids, the engine to develop 200 h.pp when running at less than 600 revolutions per minute under full load, and to be equipped with belt and belt tightener, for belt connection to a horizontal centrifugal pump;

(2) One horizontal shaft, bottom suction, centrifugal water pump, capable of pumping 10,000 or more gallons per minute for direct connection to the gas engine described as Item No. 1;

(2a) (alternate to Item 2) one horizontal shaft, bottom suction, centrifugal water pump, capable of pumping 10,000 or more gallons per minute for belt connection to the gas engine described at Item No. 1a;

The bids were:

Worthington Pump Co.—(1) no bid, (1a) $7683, delivery in 6 weeks; (2) $1782, delivery in 9 weeks; (2a) $2024, delivery in 9 weeks. Alternate bids of $7202 and $1816.

De Laval Steam Turbine Co.—(1) no bid, (1a) no bid; (2) $1725, delivery in 60 days; (2a) $2095, delivery in 60 days.

Cooper Bessmer Corp.—(1) no bid, (1a) $6650, delivery in 60 days; (2) no bid, (2a) no bid.

King Knight Co.—(1) $1720, delivery in 60 days, (1a) no bid, (2) no bid.; (2a) no bid.

Smith Booth Usher Co.—(1) $5406, delivery in 35 to 45 days, (1a) no bid, (2) no bid, (2a) no bid. Alternate bid, $5867.

Hall Scott Motor Car Co. — (1) $7080.50, delivery in 60 days, (1a) no bid; (2) no bid; (2a) no bid.

Byron-Jackson Co.—(1) no bid, (1a) no bid. (2) $1625, delivery in 4 weeks, (2a) $1814, delivery in 4 weeks. Alternate bid, $1285.

LeKol Co.—(1) $6000, delivery in 30 days, (1a) no bid, (2) no bid, (2a) no bid.

Western Enterprise Engine Co.—(1) no bid, (1a) $6100, (2) no bid, (2a) no bid.

Ingersoll-Rand Co.—(1) no bid, (1a) no bid, (2) $1725, delivery in 12 weeks, (2a) $1950, delivery in 12 weeks.

Fairbanks, Morse & Co.—(1) no bid, (1a) no bid, (2) $1507, plus state sales tax if any, delivery in 6 weeks.

National Superior Co.—(1) $6836, (1a) no bid, (2) no bid, (2a) no bid.

Victor Equipment Co., Kimball-Krogh Pump Division—(1) no bid, (1a) no bid, (2) $1848, delivery 60 days, (2a) $2495, delivery 60 days.

Petroleum Equipment Co. — Alternate bids only of $7184.08 and $6701.35.

The bids were held under advisement.

PROSPECTIVE BIDDERS

SUMMIT, Canal Zone — Following are additional plan-holders for the construction of motor and hand-operated winches for antennas at the Naval Radio Station, Summit, Canal Zone, under Spec. No. 7800, for which bids will be opened by the Bureau of Yards and Docks, Navy Department, Washington, D. C., January 23, 11 A M., as previously reported:

Industrial Piping & Engineering Co. 1620 Court Square Bldg., Baltimore.

Allen & Drew, 597 Madison Ave., New York.

Struthers-Wells Co., Warren, Pa.

CONTRACTS AWARDED.

BOULDER CANYON, Nev. — Contracts have been awarded as follows by the Bureau of Reclamation, Denver, for furnishing station service power and lighting transformers for Boulder Dam under Spec. No. 532:

Item (1): Westinghouse Electric & Mfg. Co., $9,624.

Items (2) and (3): Maloney Electric Co. at $23,580 and $6,281, respectively.

CONTRACTS AWARDED.

BOULDER CITY, Nev.—The Bureau of Reclamation, Denver, has awarded contracts as follows, under Spec. No. 604:

For four motor-driven 3-stem cylinder gate hoists, each hoist having a lifting capacity of 500,000 lbs., to the Consolidated Steel Corp., Ltd., Los Angeles, at $203,500.

For 12 cast steel lower bulkhead gates for 325-ft. head, and 12 cast steel upper bulkhead gates for 175-ft. head, to the Bethlehem Steel Co., Bethlehem, Pa., at $17,500.

PROSPECTIVE BIDDERS

LUALUALEI, T. H.—Following are additional plan-holders for the construction of motor and hand-operated winches for antennas at the Naval Radio Station, Lualualei, T. H., under Spec. No. 7801, for which bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., until January 23, 11 A. M., as previously reported:

Allen & Drew, 597 Madison Ave., New York.

Struthers-Wells Co., Warren, Pa.

Charles C. Steward Machine Co., P. O. Box 1191, Birmingham, Ala.

Industrial Piping & Engineering Co., 1620 Court Square Bldg., Baltimore, Maryland.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 12 lighting arresters for San Xavier Indian Reservation, near Tucson, Arizona, F. P. No. 200, Bid No.

LOS ANGELES — Switches—L. A. Water & Power Bureau

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing disconnecting and grounding switches under Specification No. 1562. The bidders were:

(A) General Electric Co., Terms net.
(B) Pacific Electric Mfg. Co.
(C) Graybar Electric Co., Terms net.
(D) Delta Star Electric Co. Terms net
(E) High Tension Co., Inc.
(F) High Tension Co., Inc.
(G) Railway & Industrial Engr. Co., Terms net.
(H) Westinghouse Electric & Mfg. Co. Terms net.
(I) Bowie Switch Co. Terms net.

The items were:

(1) 4 only 34.5 kv., 2000 amp., 3 pole, outdoor type disconnecting switches;
(a) with insulators;
(2) 2 only 34.5 kv., 2000 amp., 3 pole, outdoor type disconnecting switches;
(b) less insulators;
(3) 2 only 34.5 kv., 600 amp., 3 pole, outdoor type disconnecting switches;
(4) 2 only 34.5 kv., 600 amp., 3 pole, outdoor type grounding switches

F.O.B. cars or trucks department's receiving station C, 460 E. Lomita Blvd., Wilmington.

The bids were:

	(A)	(B)	(C)	(D)	(G)	(H)	(I)
(1a)	$5186.90	$4093.00	$4039.00	$2046.50	$4093.00	$8186.00	$4093.00
(b)	7804.40	3902.20	3902.20	1951.10	3902.20	7804.40	3902.20
(2a)	3784.00	1892.00	1892.00	1892.00	1892.00	3784.00	1892.00
(b)	3593.20	1796.60	1796.60	1796.60	1796.60	3593.00	1796.60
(3a)	2092.00	2092.00	2092.00	1046.00	2092.00	2092.00	2092.00
(b)	1901.20	1901.20	1901.20	950.60	1901.20	1901.20	1901.20
(4a)	1352.00	676.00	676.00	676.00	676.00	1352.00	676.00
(b)	1288.40	644.20	644.20	644.20	644.20	1288.40	644.20

(E) and (F) High Tension Co., Inc., bid *409.67 and **409.67 on (3a).

*Mechaical equipment $25 extra. **Hand equipment $25.00 extra.

21, were opened by the U. S. Indian Irrigation Service, Los Angeles, Jan.

The bids were:

Westinghouse Electric & Mfg. Co.—Each $13.91; total $167.28; f.o.b. destination; deduct $4.80 per cwt. for f.o.b. East Pittsburgh, Pa. Weight 14 lbs. each.

General Electric Corp. $13.94 each, total $167.28 f.o.b. shipping point, transportation allowed. No discount.

BIDS OPENED.

MARE ISLAND, Cal.—The following bids were received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Schedule 1633, Lot 95, for furnishing one switching locomotive for Mare Island:

American Locomotive Co., New York City, $39,000.

Atlas Car & Mfg. Co., Cleveland, $43,110.

Fate-Root-Heath Co., Plymouth, O., $46,976 and $47,975.

Heister Locomotive Works, Erie Pa., $35,000.

Midwest Locomotive Works, Hamilton, Ohio, (a) $46,273; (b) $45,273; (c) $45,773; (d) $40,273.

Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO.—Following bids received by Jno. H. Skeggs, District Engineer, Room 211, State Bldg., Jan. 1, for the rental of three pneumatic tired dump trucks, chassis weight not less than 2800 lbs., body capacity not less than 1½ c.y., for approximately 1,000 hours, to be used in Santa Clara and Santa Cruz counties:

(A) hand shovel loading;

(B) power shovel loading.

(A) $1.50; (B) $1.75; Jesse Askey, San Bernardino; J. F. Henson, Pasadena.

(A) $1.50; (B) $1.77: Alexander Bro. and C. F. Poor, Oakland; F. Mullinerap, C. C. Oelkers and Ed Barger, Oakland; L. Green, Oakland; John Jocking, Daly City; Rosenburg Bros., San Francisco; S. N. Epperson, Woodland; Truck Cont. & Equip. Co., Oakland; A. Wullgren, San Francisco; Lloyd Darton, San Bernardino; G. R. Starkenburg, San Francisco; A. K. Abercrombie, Whittier; A. Hair, Moreno; Fred McCoy, Downey; L. J. Bleunett, Los Angeles; Miller, Burkholder & Miller, Oakland; Hayward Building Material Co., Hayward; W. L. Morgan, Pasadena; C. L. Jordan, Belmont E. M. Roach, Oakland; Geo. J. Fraties, Oakland; J. A. Chamberlin, Van Nuys; Dan Gallagher T M & R Co., San Francisco; A. Texeira, Oakland; Rock & Gravel Trucking Co., Oakland; Herb Miller, Oakland; N. H. Reynolds, Alameda; H. K. Smith, Roscoe; N. P. VanValkenburgh; Guy Wigginton, Hayward; R. H. Chamberlin, Van Nuys; Glendale Truck Co., Pasadent; V. S. Boren, Hollywood; E. D. Rosa, Martinez; A. L. Philbrick, Oakland; R. G. Weir, Biggs; C. H. Sperrine, Whittier; M. L. Puerta, Oakland Hayward Bldg. Supply Co., Hayward; Bruno Skibo, Oakland; H. J. Currier, San Leandro; Garcia Const. Co., Irvington; F. Totten, Oakland; L. C. Smith, San Mateo, and Joe Cunha, Hayward

(A) $1.57; (B) $1.77: J. Taylor, Oakland.

(A) $1.50; (B) $1.91: Fae Erickson, Burlingame.

(A) $1.64; (B) $1.91: Jas. Ocker, Oakland.

(A) $1.53; (B) $1.66: O. Stewart, Topanga.

(A) $1.75; (B) $2.00: M. Bertolino, San Francisco.

(A) $2.75; (B) $3.00: M. Malfatane, Pittsburg.

Bids held under advisement.

CONTRACTS AWARDED

BOULDER CITY, Nev.—Bureau of Reclamation, Denver, Colorado, has awarded the following contracts for furnishing electric equipment for the Boulder Dam, under Spec No. 589, as follows:

Schedule (1) Delta Star Electric Co. Chicago, $108,430.

Schedule (2): Westinghouse Mfg. Co. East Pittsburg, $121,452.

Schedule (3): General Electric Co., Schenectady, $37,120.

Schedule (4): Bowie Switch Co., San Francisco, $106,000.

Schedule (5): I-T-E Circuit Breaker Co., Philadelphia, $261,603.

Schedule (6): Westinghouse Mfg. Co., East Pittsburgh, $21,070

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 1694, for furnishing:

(1) (a) 4 expansion bearings; (b) 2 fixed bearings; (c) 6 bearing plates, rolled steel 2-in. thick;

(1a) (Alternate) (a) 4 expansion bearings, cast steel; (b) 2 fixed bearings, cast steel; (c) 6 bearing plates, rolled steel 2-in. thick;

(2) 1 lot superstructure bolts, washers, etc.

The bids were:

Pacific Coast Engr. Co., (1) $174.

Moore Dry Dock Co., (1) $269; (1a) $307; (2) $203.

Pacific Coast Steel Co., (1) $191; (1a) $286; (2) $232.

Dyer Bros. Golden West Iron W'ks. (1) $198; (1a) $275; (2) $178.

Kortick Mfg. Co., (2) $151.20.

Judson Pacific Co., (1) $147; (1a) $257; (2) $146.

Shrader Iron Works, (1a) $267; (2) $160.

Western Iron Works, (1a) $281; (2) $218.

BIDS OPENED.

LOS ANGELES, Cal.—Bids for furnishing four motor control cabinets for the San Xavier Indian Reservation, ten miles from Tucson, Ariz., F. P. 200, Bid No. 0123, were opened by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, Jan 15. The bids were:

General Electric Corp.: (1) 2 cabinets for 20-hp. motor, $306.50; (2) 1 cabinet for 25-hp. motor, $206.50; (3) one cabinet for 30-hp. motor, $306.50; fob Los Angeles. Weight, 630 pounds each. Delivery 20 calendar days. No discount.

Square "D" Co., Inc.: (1) $324; (2) $324; (3) $324.; fob Los Angeles. Delivery 28 days. No discount. Weight 820 lbs. each.

Clark Controller Co., Cleveland, O.: (J. G. Corrin, 140 N. Sycamore Ave., Los Angeles, local representative): (1) $575 ea.; (2) $575; (3) $590; fob Cleveland; freight allowed to Tucson. Delivery, 45 calendar days. No discount.

Westinghouse Electric & Mfg. Co.: (1) $369 each; (2) $369; (3) $371; fob Los Angeles. Shipping weight, 770 lbs. Delivery, 28 days. No discount.

BIDS OPENED.

LOS ANGELES, Cal.—The following bids received by D. P. Nicklin, Purchasing Agent for the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, January 15, for furnishing one used mine hoist, as follows; Spec. No. 1579:

Southern California Edison Co.: (1) for one only used hoist with drum capacity of not less than 1000 ft. of 1-in cable complete; (b) fob bidder's warehouse storage point, $6000; (2) for one only used mine hoist with drum capacity of not less than 400 ft. of 1-in. cable; (b) fob bidder's warehouse storage point, $6,000. Terms net.

Jacques Melrose: (1) (a) $7455; (c) fob cars Lone Pine, $8000; 2% 30 days.

Geo. C. Thomas: (1) (b) for Mono Basin tunnel shaft sites, $6,000, (2) (a) $6,000. Terms net

28—FIRE EQUIPMENT

CONTRACT AWARDED.

SAN BRUNO, San Mateo Co., Cal.—American Rubber Mfg. Co., 7 Front St., San Francisco, at $427.50 awarded contract by San Bruno City Council for furnishing 400 feet of fire hose.

30—RESERVOIRS & DAMS

PROJECT APPROVED.

SAN BRUNO, San Mateo Co., Cal.—SERA has approved construction of an earth embankment water storage reservoir, the installation of necessary connecting pipes and valves, and installation of tile drains and storm water conduits and the construction of a fence around the reservoir property, west of San Bruno. $19,041 has been allotted for labor. Geo. Kneese, 2382 Broadway, Redwood City, will supervise the work, which is being sponsored by the City of San Bruno.

31—PIPE LINES & WELLS

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Morrison-Knudsen Co., 411 West 5th St., Los Angeles, at $327,189 awarded contract by the Metropolitan Water District for the construction of he Big Morongo and San Andreas Siphons of the Colorado River Aqueduct, Spec. No. 84, involving 9811 ft. of 12-ft. 4-in. cast-in-place concrete siphon between Station 2989 plus 29 and 9825 plus 75, under Schedule 18-J.

BIDS WANTED.

TACOMA, Wash.—Until January 31, 10 A. M., bids will be received by the Board of Contracts and Awards, 307 City Hall, Tacoma, A. M. Angove, Chief Clerk, for the reconstruction of about nine miles of the Green River Gravity Pipe Line, from the intersection of Collins and Meridian roads to a junction with the old line at South 64th Street and Park Ave.

The work will include furnishing and installing 10,777 feet of 42-in. steel or iron pipe ,and 34,091 feet of 54-inch steel, iron or concrete pipe.

Estimated cost, $647,000. Plans and specifications obtainable from above office upon deposit of $10.

W. A. Kunigk, City Water Supt.

BIDS WANTED

CLARK COUNTY, Nevada — Until February 6, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg. Carson City, for drilling a water well for irrigation purposes in Clark County, 1.7 miles south of Las Vegas city limits, Route 6, Section C2. The work consists of drilling the water well complete with casing ready for pump installation.

Plans and specifications obtainable from above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

CLARK COUNTY, Nevada — Until February 6, 2:15 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a pipe line and tree pits in Clark County, Route 6, Section C2, a length of 1.64 mile. The work involves:

(1) 17,500 lin. ft. 2-in. pipe;

(2) 98 each ¾-in. outlet risers;

(3) 195 each 8-ft. tree pits;
(4) 40 each 4-ft. tree pits.

Plans and specifications obtainable from above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St. San Francisco.

BIDS OPENED

LOS ANGELES, Cal.—D. A. Beck & Sons, Inc., Alta Loma, submitted the only bid to the Metropolitan Water Disrict, 306 W. Third St., Los Angeles, January 15, at $25,042.50, for drilling three 24-in. water wells and installing therein such water - well casing as required by the district, at the Cabazon shaft of the San Jacinto tunnel, near Cabazon, Riverside County, under Spec. No. 86. The bids were:

Item (1) drilling 3 24-in. water wells, each well ab it 255 ft. in depth: $31.15 per lin. ft., total $23,829.75.
Item (2) furnishing and installing 225 ft. 24-in. double well casing: $5.39 per lin. ft., total $1212.75.

Alternate proposal: $2:15 per hour for all work embraced in above proposal.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED.

LOS ANGELES, Cal.—International Derrick & Equipment Co. of California, 417 S. Hill St., at $4,700 submitted the only bid to the Los Angeles Board of Public Works for construction of the gas holder at Terminal Island Sewage Treatment Plant, PWA Project No. 5633, Unit No. 30. The work consists of providing storage to act as an equalizer upon gas production systems of sewage treatment plant.

TO REJECT BIDS

BURLINGAME, San Mateo Co., Cal.—City Engineer Charles M. Thomas probably will recommend to the Burlingame City Council at its meeting, Monday January 14, rejection of all bids received January 7 for construction of sewers and disposal plant. Bids received exceeded available funds. Work probably will be readvertised under new specifications.

CONTRACT AWARDED

HALF MOON BAY, Cal.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at approximately $38,500 awarded contract by the Half Moon Bay Sanitary District for the construction of a sanitary sewer system at Half Moon Bay, San Mateo County.

George A. Kneese, Redwood City, District Engineer.

AWARD RECOMMENDED

BRAWLEY, Cal.—Koebig & Koebig, consulting engineers, Rowan Bldg., Los Angeles, have recommended to Brawley City Council that contract for the construction of a sedimentation basin and filtration plant be awarded to the low bidder, Marko Matick, 1269 E. Colorado Blvd., Los Angeles, at $71,970.

BIDS WANTED

ONTARIO, San Bernardino Co., Cal.—Until January 28, 7:30 P. M., bids will be received by the Ontario City Council for all construction incident to the completion of the sewage disposal plant in accordance with amended specifications prepared by the Currie Engr. Co., 219 Andreson Bldg., San Bernardino, copies of which may be obtained from the above office. Certified check for 10% must accompany each bid. C. C. Peabody, city clerk.

This project was originally started by James Noon, who had completed about 40% of the work at the time of abandonment.

BIDS REJECTED

BURLINGAME, Cal.—All bids received by the Burlingame City Council January 7, for the construction of a sewage disposal plant and intercepting sewers, have been rejected.

Plans and specifications will be revised immediately by City Engineer Charles M. Thomas, and February 4 has been set as the tentative date for opening new bids.

33— WATERWORKS

TO ASK BIDS.

TORRANCE, Los Angeles Co., Cal.—New bids will be called shortly by the Torrance City Council for constructing a 250,000-gal. elevated steel tank and a 150-ft. steel tower, west of Cedar Avenue and north of Torrance Blvd. Bids received January 8 were returned unopened.

BIDS WANTED

REDMOND, Oregon—Until January 24, 1 P. M., bids will be received by City Council, Mabel Reynolds, City Recorder, for the construction of improvements to the City waterworks system. The work will consist of furnishing materials and laying certain new mains with valves and hydrants in the city streets of Redmond, and the construction of a new supply line from the existing city reservoir to a connection with the system.

Principal items of materials involved are: 6200 lin. ft. 6-in. to 12-in. cast iron and steel pipe; 3800 lin. ft. 10-in. reconditioned wood pipe; 12,600 lin. ft. 10-in. and 14-in. steel or wood pipe in supply line.

Plans and specifications obtainable from the City Recorder in Redmond, or from Baar & Cunningham, Spalding Bldg., Portland, upon deposit of $5 for the specifications alone, or $10 for plans and specifications, which amount will be refunded if a bona fide bid is submitted.

BIDS WANTED

PASADENA, Cal.—Until January 21 11 A. M., bids will be received by the Pasadena City Clerk, Bessie Chamberlain, for furnishing cast iron pipe as follows:

(1) 24,000 ft. 6-in. cast iron water pipe for service under 150 lbs. working pressure, with wall thickness of 0.37 inch.
(2) 8,000 ft 12-in. cast iron water pipe for service under 200 pounds working pressure, with wall thickness of 0.57 inch.

Certificate of deposit, certified check or draft or cashier's check or draft, 10%. C. W. Keiner, City Manager.

RECOMMEND AWARD

ROSEVILLE, Cal.—Western Pipe & Steel Co., 444 Market St., San Francisco, at $12,700, recommended for award of contract by the PWA, for the construction of improvements to the Roseville Municipal Water System for which bids were opened December 22.

CONTEMPLATED

PITTSBURG, Contra Costa Co., Cal. City Council has designated Louis Bartlett, Claus Spreckels Bldg., San Francisco, as agent to negotiate for connection of municipal water system with East Bay Utilities District supply. City will agree either to purchase water from district and construct connecting lines and pumping system or to plan for annexation of city to district with necessary construction to be undertaken by district.

34— PARKS & PLAY-GROUNDS

To Be Done By Day's Work.

REMODEL BALL PARK Cost, $—
HANFORD, Kings Co., Cal.
Remodel and repair ball park (reconstruct grandstand, bleachers and fence; construct new club house etc.)
Owner—City of Hanford.
Plans by Carl Nelson, Hanford.
Mgr. of Construction—Carl Nelson Hanford.
Labor will be furnished by the SERA

35— TUNNELS

CONTRACT SUSPENDED

LOS ANGELES, Cal.—General Manager F. E. Weymouth of the Metropolitan Water District, January 15 officially notified the Wenzel & Henoch Constr. Co., 1524 N. 27th Street Milwaukee, Wisconsin, that its contract for the construction of the 12.7 mile San Jacinto tunnel on the Colorado River Aqueduct had been suspended. An experienced construction organization, Mr. Weymouth announced, was prepared to take over and push forward this tunnel work, and the contractors were requested to make way for these construction forces.

In suspending the Wenzel & Henoch contract, Mr. Weymouth stated, that work on San Jacinto tunnel by this construction firm has been unreasonably and unnecessarily delayed. His action in suspending the contract has been approved by unanimous action of the District's Board of Directors.

Except for the San Jacinto tunnel, Mr. Weymouth stated, aqueduct construction work along its 250-mile front is going forward according to schedule, and much of the work is way ahead of schedule.

In announcing the suspension of the Wenzel & Henoch contract, Mr. Weymouth issued the following statement:

"The San Jacinto tunnel contract was signed on March 17, 1933, and was to be completed on December 17, 1938, the time when the entire aqueduct is to be completed and water made available for the District.

"Although approximately 30 per cent of the contract period has expired, the work on San Jacinto tunnel is only about 17 per cent completed. The topographic conditions are such that it is necessary to drive 8.2 miles of tunnel between two shafts on this section, and of this 8.2 miles, less than one mile has been excavated. Only 28 feet of this critical portion were excavated in November, only 127 feet in December, and none to date in January, as against a rate required for timely completion of at least 800 feet per month. The contract has been therefore suspended because the construction of the tunnel was being unreasonably and unnecessarily delayed.

"Beginning April, 1933, the contractor has repeatedly been urged verbally and in writing to make better progress, but all of these efforts resulted only in promises from the contractor that he would promptly arrange for better progress but without actual improvement. As Chief Engineer of the Metropolitan Water District, I was therefore finally forced to the conclusion that no better results could be expected in the future than in the past. In the interests of the taxpayers, and in order to assure completion of the tunnel, I have suspended

be contract and taken over the work.

"Large losses will result to the tax payers of the District if this tunnel is not completed on time. Except for this one tunnel, the work is going forward according to schedule and in a satisfactory manner. In fact, much of the aqueduct work is well ahead of schedule. In contrast to this, San Jacinto tunnel is at least 7 months behind schedule, and it is imperative that this work be brought up to time.

"It is true that more water has been encountered than was anticipated, but not more than a prudent contractor should have been prepared to handle under emergency conditions. Also, some tunneling difficulties have been encountered, but these were not unexpected and could have been amply allowed for by beginning the work promptly after the execution of the contract and prosecuting it vigorously with competent management and adequate equipment.

"The contract price for the San Jacinto tunnel amounted to $7,339,100; in addition to this amount the District would be required to furnish materials, supplies, and engineering making the total estimated cost $9,-000,000.

"Construction problems of the San Jacinto tunnel are not insurmountable. Plans are ready for the vigorous prosecution of the work with an experienced organization."

29—STREETS AND HIGHWAYS

AWARD

PIERCE CO., Wash.—Sam Orino, E. 3104 Boone Ave., Spokane, at $223,-728 (C.G.M.P.) awarded contract by the Bureau of Public Roads, Portland, for 3.117 miles of grading and 0.097 mile of tunnel on the Mt. Rainier National Park, East Side Highway Project PEC-5-D, located within the Mt. Rainier National Park, Pierce Co.

CONTRACTS VOID

LOS ANGELES, Cal.—Decision of the State Supreme Court that the State prevailing wage rate is applicable to municipal contracts financed by State funds has invalidated five contracts awarded by the City of Los Angeles. The Los Angeles Board of Public Works will re-advertise the work under new specifications shortly. Contracts cancelled are:

Jahn & Bressi Const. Co., Inc., for construction of the Figueroa Street Tunnel awarded May 4, 1934, at $388,-560.79.

Person & Thiele, for construction of San Fernando Road bridge, awarded June 8, 1934, at $33,387, and for construction of the Gaffey Street bridges, awarded June 13, 1934, at $152,492.

Southern California Roads Co., for improvement of Sepulveda Blvd. between National and Venice Blvds., awarded June 8, 1934, at $86,732; and for improvement of Sepulveda Blvd between Beverly Blvd. and Wilshire Blvd., awarded May 7, 1934, at $273,-499.

LOW BIDDERS.

YUMA COUNTY, Ariz. — Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, at $24,459 submitted low bid to the Arizona State Highway Commission, Phoenix, January 15 for highway construction on the Phoenix-Yuma Highway (AFE 8041 and 8061). The work, located at three separate bridge sites, one at 2¾ miles east of Wellton, one at 4½ miles east of Wellton, and one at 2 miles west of Mohawk, consists of replacing concrete dips with concrete box culverts and oil surfaced approach fills.

Pearson & Dickerson, Phoenix, at $26,855 submitted second low bid.

LOW BIDDERS.

COCHISE COUNTY, Ariz. — R. E. Martin & Co., Box 934, Tucson, at $22,899 (alternate bid $23,019) submitted low bid to the Arizona State Highway Commission, Phoenix, January 15 for construction on the Douglas-Safford Highway, NRS 111. The work, which is located approximately 35 mi south of Safford on the Douglas-Safford road near the junction with the Bowie road, consists of grading and draining of about 1½ miles of roadway.

Jack Casson at $23,208 (alternate, $23,302) submitted second low bid

AWARD

SAN BERNARDINO COUNTY, Cal. —C. O. Sparks, 2309 E 9th St., Los Angeles, at $23,526 awarded contract by the State Highway Commission, Sacramento, for about 1.6 miles of grading and surfacing with asphalt concrete between San Antonia Ave. and the east city limits of Ontario, San Bernardino County.

AWARD RECOMMENDED.

BENTON FIELD, Alameda Co., Cal. —Award of a contract to Meyer Rosenberg, 255 Bayshore Blvd., San Francisco, at $11,440 for furnishing top soil, fertilizing and seeding at Benton Field has been recommended by Captain Leander Larsen, Constructing Quartermaster. Othere bids received were:

Lee J. Immel, Berkeley	$15,947
J. Catucci, Oakland	19,994

CONTEMPLATED.

OAKLAND, Cal.—Committee named by mayor to report on route for construction of proposed Landvale road as an approach highway from East Oakland to Broadway low-level tunnel. City Engineer Walter N. Frickstad has estimated cost of proposed construction at $400,000 to $600,000.

PROJECT APPROVED.

OAKLAND, Calif. — SERA has approved project for reconditioning, cleaning, sloping and grading six reservoir sites for the East Bay Municipal Utility District. Work to be supervised by Chief Engineer J. E. Longwell. Allotment for labor, $56,028.

BIDS OPENED

SAN MARINO, Cal.—Geo. R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, submitted low bid to the San Marino City Council January 9, at $9,480.34 (based on Alternate I, 7-in. asphaltic concrete paving and cold oil and rock surfacing) for improving a portion of San Gabriel Blvd. between Duarte Road an South Gainsborough Road, San Marino.

J. H. Coombs, Monrovia, at $9,734.47 and W. E. Hall Co., Alhambra, at $10-165.15 submitted second and third low bids.

BIDS WANTED.

YAVAPAI COUNTY, Arizona—Until January 30, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for improving the Prescott-Flagstaff Highway, NRH 96-B.

The work, which extends from Cottonwood southeasterly about 3 miles to the Verde River, consists of the grading and draining and placing of aggregate base course.

The work involves:

(1) 18,500 c.y. roadway excavation;
(2) 1,400 c.y. structural excavation;
(3) 6,200 c.y. imported borrow;
(4) 12,300 c.y. A B C;
(5) 850 c.y. concrete;
(6) 58,700 lbs. reinforcing steel;
(7) 510 l.f. corrugated metal pipe;
(8) 5,000 l.f. standard line fence;
(9) 750 l.f. railbank protection;
(10) 140 l.f. road guard.

Certified or cashier's check for 5% must accompany each bid. T. S. O'Connell, State Highway Engineer. Plans and specifications obtainable from the above office.

BIDS OPENED.

SAN BERNARDINO CO., Calif.—C. O. Sparks, 2309 E. Ninth Street, Los Angeles, at $23,526.40, as previously reported, submitted the low bid to C. H. Purcell, State Highway Engineer, at Los Angeles, January 10, for highway construction in San Bernardino County between San Antonio Ave. and the east city limits, Ontario about 1.6 miles in length, to be graded and surfaced with asphalt concrete, involving:

(1) 1600 cu. yds. rdwy. excav., without classification;
(2) 700 c.u yds. Class A Portland cement concrete;
(3) 50,100 sq. yds. asph. paint binder;
(4) 5920 tons asphalt concrete;
(5) 400 cu. yds. concrete removed and disposed of.

Complete total bids follow:

(A) C. O. Sparks, L. A.	$23,526
(B) Southwest Paving Co., Los Angeles	26,613
(C) Griffith Co., Los Angeles	28,051
(D) Geo. R. Curtis, L. A.	32,134
(E) E. L. Yeager, San Bernardino	35,877
(F) V. R. Dennis Co., San Diego	47,002

	(1)	(2)	(3)	(4)	(5)
(A)	$ .40	$10.50	$.02	$2.32	$2.00
(B)	.40	9.75	.015	3.04	1.00
(C)	.50	12.00	.02	2.88	2.00
(D)	.50	11.00	.02	3.60	1.50
(E)	1.00	10.60	.02	3.60	2.00
(F)	.75	15.00	.035	3.45	5.00
(G)	1.00	20.00	.02	5.00	2.00

CONTRACT AWARDED

YAKIMA COUNTY, Wash.—Columbia Power & Investment Co., Stevenson, Wash., at $30,807.06 awarded contract by the Bureau of Public Roads, Portland, for improving the Randle-Yakima Highway Grading and Bridge Project FHEC-13-P, National Forest Road Project, located in the Snoqualmie National Forest, Yakima County.

AWARD

COCONINO COUNTY, Arizona—Skousen Bros., Albuquerque, N. M., at $75,796.58 awarded contract by the Arizona State Highway Commission, Phoenix, for construction on the Flagstaff-Fredonia Highway, A. F. E. 8956. The work, which is to begin at the forest boundary about 28 miles north of Flagstaff, and extend northerly toward Cameron about 10⅔ miles consists of grading, draining, and placing base course.

CONTRACT AWARDED

PIMA COUNTY, Arizona — White & Miller, Box 350, Tucson, at $36,916.40 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Nogales Highway, NRH 29, AFE 8930. The work, which is to begin at the south city limits of Tucson and extend south about 1.2 miles, consists of widening and resurfacing of existing concrete pavement with cutback asphaltic plant mix.

CONTRACT AWARDED

MOHAVE COUNTY, Arizona — K. DeWitt, Mesa, at $16,872.66 awarded contract by the Arizona State Highway Commission, Phoenix, for construction on the Ashfork-Kingman Highway, NRM 80-G, AFE 6626. The work, which is to begin at Kingman and extend northeasterly approximately 23.6 miles to within 2 miles of Hackberry, consists of the furnishing, hauling and placing of base course.

PLANNED.

BAKERSFIELD, Kern Co., Calif City Engineer Joe Holfelder plans th following highway improvements to be financed by city's share of state gasoline tax in 1935-36.

(1) Realignment of the easterly end of Sumner St. at its intersection with Edison Highway. Estimates, varying according to manner of treatment, run from $9,400 to $78,000 as total cost.

(2) Widening and resurfacing Brundage Lane, part of the official truck route through Bakersfield. No estimate.

(3) Improvement of the intersection of North Union Ave. with Golden State Ave.

(4) Widening Union Ave. from its intersection with Golden Gate Ave. to the new Santa Fe underpass, which is now under construction.

NOTICE TO BIDDERS.

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on January 23 and 30, and in Los Angeles on January 24 and 31.

I-Lak-15-B between one mile east of Upper Lake and Manila Ranch, opening Jan. 23; PLANS (No. of Sheets) 9; (Cost) $0.90; CROSS - SECTIONS, (No. of Sheets) 53; (Cost) $5.30; (Total) $6.20.

VI - Mad - 125 - C,D between Coarse Gold and Hawkins School, opening Jan. 23; PLANS, (No. of Sheets) 24. (Cost) $2.40; CROSS-SECTIONS, (No. of Sheets) 93; (Cost) $9.30; (Total) $11.70.

VII-L.A.-60-S. Mca bet. California Ave. and Colorado Ave., opening Jan. 24; PLANS, (No. of Sheets) 9; (Cost) $.90; CROSS-SECTIONS, (No. Sheets) 37; (Cost) $3.70; (Total) $4.60.

VII-Ven-2-F,G between Sea Cliff & Benham, opening Jan. 24; PLANS, (No. Sheets) 15; (Cost) $1.50; CROSS-SECTIONS, (No. of Sheets) 72; (Cost) $7.20; (Total) $8.70.

II-Sha-3-B & Rdg at north entrance to the City of Redding, opening Jan. 30; PLANS, (No. of Sheets) 16, (Cost) $1.60; CROSS-SECTIONS, (No. of Sheets) 38; (Cost) $3.80; (Total) $5.40.

VI-Mad-4-Mad in the City of Madera, opening Jan. 30; PLANS, (No. of Sheets) 17; (Cost) $1.70; CROSS-SECTIONS, (No. of Sheets) 25; (Cost) $2.50; (Total) $4.20.

VII-L.A.-168-A between State Street and Los Angeles St., opening Jan. 31. PLANS, (No. of Sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. Sheets) 52, (Cost) $5.20; (Total) $6.60.

VIII-Riv-26-B,C,D between one mile east of Beaumont and Whitewater, opening Jan. 31, PLANS (No. Sheets) 51, (Cost) $5.10; CROSS-SECTIONS, (No. of Sheets) 151, (Cost) $15.10; (Total) $20.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans and specifications to the office of the State Highway ngineer, P. O. Box 1499, Sacramento.

A representative of the District Office will meet prospective bidders at Banning Hotel, Banning, on January 16, 10 A. M., and will conduct them over the proposed project in Riverside County between one mile east of Beaumont and Whitewater.

A representative of the District Office will meet prospective bidders at Coarse Gold Inn, on January 17, 9:30 A. M., and will conduct them over the proposed project in Madera County between Coarse Gold and Hawkins School.

A representative of the District Office will meet prospective bidders at the Shell Oil Co. service station at south city limits of Madera, Jan. 25, 9:30 A M., and will conduct them over the proposed project in the City of Madera.

Prospective bidders are urged to cooperate with the District Offices and arrange to make their field inspection on the above dates.

BIDS WANTED.

MOHAVE COUNTY, Arizona—Until January 29, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for grading and placing selected material subgrade reinforcement on approximately 2.357 mi. of Section D of Federal Lands Highway Proj. No. 2, the Kingman-Boulder Dam Highway, Mohave County, Arizona.

The work involves:

(1) 90,000 c.y. unclass. excavation;
(2) 700 c.y. do for structures;
(3) 110,000 sta. yds. overhaul;
(4) 9,000 c.y. subgrade reinforcement;
(5) 622 c.y. concrete;
(6) 52,000 lbs. reinforcing steel;
(7) 604 l.f. CMP in place;
(8) 10,100 l.f. guard rail;
(9) 34 c.y. hand-laid riprap.

Plans and specifications obtainable from the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, or 802 Title & Trust Bldg., Phoenix, upon deposit of $10.00.

ORANGE CO.—5.2 Miles Grade and Pave Ptns.—(State)

ORANGE CO., Cal.—C. O. Sparks, 2309 E 9th St., Los Angeles, (as previously reported) submitted the low bid to C. H. Purcell, State Highway Engineer, at Los Angeles, January 10 at $111,025.50, based on Alternative A, asphaltic concrete, for highway construction in Orange County on anchester Ave. between Artesia Avenue, Buena Park, and Lincoln Ave., Anaheim, about 5.2 miles in length, to be graded and portions to be paved.

Oswald Bros., 366 E. 58th St., Los Angeles, submitted the low bid on cement concrete with asphaltic concrete, Alternative B, at $127,826.20.

The items and quantities are:

(1) 274 sta. clear and grub R/W;
(2) 35,000 c.y. rdwy. excav., unclass.;
(3) 155,000 sta. yds. overhaul;
(4) 7,400 c.y. imported borrow;
(5) 13,700 tons selected material;
(6) 1,200 c.y. structure excavation;
(7) 55,100 sq. yds. subgrade preparation;
(8) 860 tons asphalt concrete (intersections at Grande Avenue and Lincoln Avenue);
(9) 170 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks) and slope paving);
(10) 280 c.y. Class A do (structures);
(11) 26,000 lbs. bar reinf. steel (do);
(12) 21,000 lbs. misc. iron and steel (structures);
(13) 34 l.f. 21-in. base, 8-in. high, 16-ga. part-circle CMP;
(14) 34 l.f. 33½-in. base, 8-in. high 16-ga. part circle CMP;
(15) 78 l. f. do, 8- ga., do;
(16) 730 c.y. concrete, removed and disposed of;
(17) 500 M. gallons water;
(18) 700 tons mineral aggregate (plant mixed surfacing);
(19) 40 tons liquid asphalt (do);
(20) 427 tons fuel oil shoulders;
(21) 51,000 sq. yds. preparing, mixing and shaping shoulders;
(22) 26 each culvert-markers;
(23) 274 stations finishing roadway;

Alternative items: From Station 47 plus 30 to Station 281 plus 56.90.

ALTERNATIVE A

(24) 22,500 tons asphalt concrete base leveling and Type A surface course;

ALTERNATIVE B

(25) 25 tons Grade E asphalt seal coat
(26) 9,900 c.y. Class A Portland cement concrete pavement;
(27) 26,500 lbs. bar reinf. steel (pavement);
(28) 14,300 each, pavement dowels.

The total bids were:

(A) C. O. Sparks, Los Angeles, (Alt. A) $111,025.50; (Alt. B) $.....
(B) Oswald Bros., Los Angeles, (A) $111,666; (B) $127,826.
(C) Griffith Co., Los Angeles, (A) $124,504; (B) $136,805.
(D) Geo. R. Curtis, Los Angeles, (A) $128,167; (B) $141,896.
(E) J. E. Haddock, Pasadena, (A) $130,685; (B) $141,610.
(F) V. R. Dennis, San Diego, (A) $132,025; (B) $.....
(G) United Concrete Pipe Corp., Los Angeles, (A) $133,103; (B) $142,383.
(H) Daley Corp., San Diego, (A) $140,668; (B) $.....
(I) Los Angeles Paving Corp., Los Angeles, (A) $148,117; (B) $158,052.

The unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 6.00	$ 8.50	$15.00	$12.00	$15.00	$10.00	$20.00	$ 6.25	$16.00
(2)	.22	.25	.30	.35	.35	.30	.30	.265	.40
(3)	.006	.006	.005	.01	.01	.01	.015	.006	.015
(4)	.40	.65	.70	.50	.50	.50	.45	.77	.60
(5)	.70	.60	.70	.60	.60	1.00	.90	1.58	1.10
(6)	.75	.65	.75	.72	1.00	1.00	.80	.70	2.00
(7)	.09	.08	.10	.09	.10	.08	.12	.09	.13
(8)	2.70	2.64	2.00	3.24	3.50	3.00	4.00	4.15	3.25
(9)	11.00	12.50	12.00	12.00	15.00	15.00	15.00	11.90	15.00
(10)	14.00	15.00	20.00	15.60	20.00	15.00	17.00	16.90	22.00
(11)	.05	.045	.05	.04	.05	.06	.05	.06	.06
(12)	.07	.055	.06	.055	.08	.06	.10	.06	.07
(13)	1.00	1.10	1.00	.72	1.50	1.50	1.00	1.00	2.25
(14)	1.50	1.35	1.00	.96	2.00	2.00	1.50	1.15	2.50
(15)	2.25	2.00	2.00	1.90	2.50	2.50	2.50	1.90	3.75
(16)	2.00	2.50	1.50	1.20	3.00	2.00	2.00	1.70	1.50
(17)	1.00	1.50	1.50	.60	1.50	3.00	2.00	.80	1.00
(18)	1.80	2.05	2.50	2.40	2.00	2.00	2.50	3.60	2.75
(19)	15.00	15.00	20.00	12.00	25.00	16.00	15.00	11.00	15.00
(20)	8.00	8.50	8.00	9.17	8.40	9.00	10.00	8.00	9.00
(21)	.04	.04	.04	.04	.08	.05	.06	.04	.06
(22)	3.00	2.00	1.50	3.00	2.50	2.00	3.00	3.00	3.00
(23)	4.00	2.00	5.00	3.00	5.00	10.00	7.00	4.50	5.00
ALTERNATIVE "A"									
(24)	2.70	2.64	2.83	3.18	2.90	3.00	2.80	3.15	3.15
ALTERNATIVE "B"									
(25)	.....	20.00	20.00	20.90	17.00	.....	20.00	.....	10.00
(26)	.....	7.25	7.10	8.03	7.40	.....	6.90	.....	7.75
(27)	.....	.07	.05	.042	.04	.....	.05	.....	.08
(28)	.....	.10	.27	.29	.10	.....	.15	.....	.12

PLANNED

VALLEJO, Solano Co., Cal.—City Council has under consideration $300,000 bond issue for improvement of 75 blocks of city streets by repaving and installation of two storm sewers. Commissioner of Public Works Frank Breyo reports the following repaving work may be included in the program:

Marin street, from Louisiana to Carolina.

Sonoma street, from Maryland to the northern city limits.

Branciforte street, from Georgia to Maine.

Tennessee street, from Branciforte to Napa Road.

Florida street, from Marin to Sonoma.

Virginia street, from Branciforte to Waterfront Road.

Wilson Avenue, from Hichborn to Tennessee.

Sacramento street, from Virginia to Maine.

Alameda street, from Kentucky to Maine.

York street, from El Dorado to Sonoma.

Amador street, from Nebraska to Springs Road.

Fifth street, from Rice to Maryland.

Solano Avenue, from Fifth to Monterey.

Monterey street, from Maryland to Kentucky.

Lemon street, from Porter to Bay.

The storm sewers would be installed on Sonoma street, extending from Virginia street south to the bay, and on Virginia street from Marin street

BIDS WANTED

GILA COUNTY, Ariz.—Until March 5, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for grading 2.989 miles of Section B of Route 11, the Payson-Colcord Mt. National Forest Highway, Tonto National Forest, Gila County, Arizona. The work involves:

(1) 11 acres clearing;
(2) 17,900 cu. yds. unclassified excavation;
(3) 802 cu. yds. do for structures;
(4) 5000 sta. yds. overhaul;
(5) 858 lin. ft. C.M.P.;
(6) 112 cu. yds. concrete;
(7) 22,700 lbs. reinforcing steel;
(8) 473 cu. yds. cement rubble masonry;
(9) 1.43 MFBM untreated timber;
(10) 238 cu. yds. hand-laid riprap;
(11) 25,600 lin. ft. Type 1 protection ditch;
(12) 12 each right-of-way monuments
(13) 6600 lin. ft. new fence;
(14) 2 each farm entrance gates;
(15) 1 each cattle guard.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

BIDS WANTED

ALAMEDA, CONTRA COSTA AND Santa Clara Counties, Cal.—Until January 30, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, 211 State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 75.5 roadside miles at various locations in Alameda, Contra Costa and Santa Clara Counties. The work requires approximately 1000 bbls. Diesel oil in place.

Plans and specifications obtainable from above office.

BIDS OPENED.

RIVERSIDE COUNTY, Calif.—Oswald Bros., 366 E. 58th St., Los Angeles, at $103,251.76 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 4 miles grading and surfacing with bituminous treated crushed gravel or stone between four miles west of Shavers Summit and Shavers Summit in Riverside County.

Complete total bids follow:

(A) Oswald Bros., Los Angeles	$103,251.76
(B) V. R. Dennis Const. Co., San Diego	106,748.40
(C) Geo. Herz & Co., San Bernardino	109,425.40
(D) Sharp & Fellows Contr. Co., Los Angeles	111,032.60
(E) Fredrickson and Watson Const. Co. and Fredrickson Bros., Oakland	111,355.40
(F) A. Teichert & Son, Inc. Sacramento	112,332.80
(G) Heuser & Garnett, Glendale	112,686.80
(H) Daley Corp., San Diego	117,042.80
(I) Geo. J. Beck & Son, Los Angeles	120,794.78

The work involves:

(1) 88,500 cu. yds. rdwy. excavation, without classification;
(2) 175,000 sta. yds. overhaul;
(3) 193,000 c.y. ditch excavation;
(4) 2,450 c.y. structural excavation.
(5) 214 l.f. 24-in. CMP;
(6) 334 l.f. 30-in. CMP;
(7) 11,300 tons gravel or stone;
(8) 500 tons cut back asphalt;
(9) 295 tons fuel oil;
(10) 48,100 sq. yds. preparing, mixing and shaping road bed;
(11) 198 stations, finishing rdwy.;
(12) 100 each monuments;
(13) 80 M. ft. b.m. creosoted Douglas fir timber, 10 lb. treatment;
(14) 206 M. b.m. do, 8-lb. treatment;
(15) 25 M. ft. board measure redwood timber dense select all - heart structural grade;
(16) 9,108 lin. ft. furnishing creosoted Douglas fir piles;
(17) 414 each driving piles;
(18) 22,800 lbs. structural metal;
(19) 730 l.f. bank protection fence.

PROSPECTIVE BIDDERS.

LOS ANGELES, Calif.—Contractors and others who have procured plans for constructing approximately 16.3 miles of the Whipple Mountain patrol road and approximately 1.4 miles of stub roads adjacent thereto, Spec. No. 85, bids for which will be opened by the Metropolitan Water District, 306 W. Third St., Los Angeles, January 28, 10 A. M., as previously reported, are:

Griffith Co., 1060 S. Broadway, Los Angeles.

Bennett & Taylor, 1041 W. Venice Blvd., Los Angeles.

Dimmitt & Taylor, 815 E. 59th St., Los Angeles.

Fredrickson & Watson, Indio Hotel, Indio.

E. J. Davis, 205 Quincy Ave., Long Beach.

BIDS WANTED.

GRAYS HARBOR COUNTY, Wash.—Until February 5, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and retopping existing pavement with asphaltic concrete on about 0.6 mile of State Road No. 9, Pioneer Avenue from Sylvia to Seventh Streets, in the City of Montesano, U.S.P.W. Project No. NRM-54-E, in Grays Harbor Co.

The work involves about 2,100 c.y. excavtion, 5,679 sq. yds. pavement, 199 c.y. concrete, 1,071 tons asphaltic concrete, 1,275 l.f. of sewer pipe, and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00.

BIDS WANTED.

APACHE COUNTY, Arizona. Until January 30, 10:30 A. M. bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the St. John's-Zuni Highway, N.R.S. 113 A. A.F.E. 6101. The work begins approximately one mile northeast of St. Johns and extends northerly about 5½ miles, and consists of grading, draining and placing of select material.

The work involves:

(1) 22,000 c.y. roadway excavation,
(2) 8,500 c.y. drainage excavation,
(3) 670 c.y. structural excavation.
(4) 20,300 c.y. imported borrow.
(5) 14,700 c.y. ml. imported borrow, haul;
(6) 20,300 c.y. select material,
(7) 25,100 c.y. mile select material, haul;
(8) 92 c.y. concrete;
(9) 6,700 lbs. reinforcing steel;
(10) 24 MBM treated timber;
(11) 1 MBM untreated timber;
(12) 187 l.f. treated piling in timber bents;
(13) 200 c.y. rock baskets for fords;
(14) 100 sq. yds. furnishing and placing oil mix;
(15) 225 gallons road oil;
(16) 888 l.f. CMP (various sizes)

Certified or cashier's check for not less than 5% required. Funds in the sum of $30,000 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

Plans and specifications obtainable from the above office.

BIDS WANTED.

ISLAND CO., Wash.—Until February 5, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing with crushed stone, constructing a bituminous surface by the road mix method and the application of a dust palliative on about 4.9 miles of the county road, Stanwood to Utsaladdy, U.S.P.W. Project No. NRS 218-A, in Island County.

The work involves about 10 acres clearing, 20,890 c.y. excavation, 4,870 c.y. crushed gravel surfacing, 935 barrels of S. C. No. 2 road oil, 177 bbls. of S. C. No. 1 road oil, 624 l.f. of pipe culverts, and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00.

35— TUNNELS

BID OPENING POSTPONED.

DENVER, Colo.—Until January 23, 10 A. M. (postponed from January 16, previously reported), bids will be received by the Board of Water Commissioners, City and County of Denver, Colo., for enlarging and lining Moffatt Water Tunnel, Intake Shaft and Wye, the construction of the intake works at West Portal, the outlet works at East Portal, and appurtenances thereto. Said Moffat Water Tunnel is located in Gilpin and Grand Counties, Colorado, and parallels the Moffatt Railroad Tunnel on the Denver and Salt Lake Railroad 50 miles west of Denver. Railroad sidings for unloading supplies will be available at both East Portal and West Portal. Highways lead to both portals of the tunnel, West Portal being on Victory Highway, U. S. 40.

The work to be done will include, among other items, approximately 37,000 c.y. of concrete lining; 860 c.y. of concrete in intake and outlet works, 7,000,000 lbs. of reinforced steel, and 105,000 lbs. of welded steel plate lining. There will be approximately 12,000 c.y. of excavation in enlarging the tunnel and 5,300 c.y. of excavation for intake and outlet structures.

Section 4359, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

PACIFIC CONSTRUCTOR Daily News Service

is compiled by

the oldest and most complete organization of its kind in Northern California

furnishing

Reliable and accurate reports on work planned, calls for bids, results of bid openings, and contract awards in the Engineering Construction field

COMPLETE RELIABLE ACCURATE

PACIFIC CONSTRUCTOR

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

$50,000,000 For Public Works in State Budget

Transbay Co. Low on O'Shaughnessy Dam

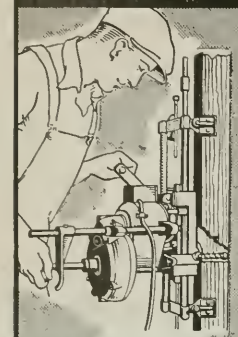
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

NUARY 26, 1935

Vol. XVIII—No. 4

WAPPAT Electric TOOLS



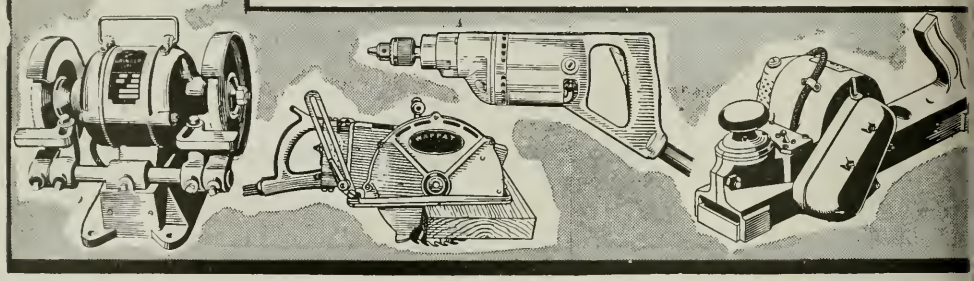
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF, JANUARY 26, 1935 No. 4

$50,000,000 State Public Works Program Recommended By Governor

More than $50,000,000 should be spent by the state of California in public works during the next biennium in addition to the state's planned highway program, Governor Frank Merriam told the state legislature in his budget message delivered Tuesday night to a joint assembly of the two houses.

The work should be undertaken as an unemployment relief measure and should be financed by special taxes, in part, the governor advised.

However, necessary construction and improvements at public institutions, particularly the state hospitals for the insane, estimated at $4,349,300 must be financed in the regular budget, he declared.

PUBLIC WORKS FUND

Governor Frank Merriam in his budget message to the California state legislature recommended the following amounts for public works in the 1935-37 biennium:

Essential improvements and additions to state institutions, particularly hospitals for the insane and prisons	$ 4,349,300
Emergency public works for unemployment relief, not exceeding 50% to be used in construction of state buildings	47,300,000
TOTAL	$51,649,300

In his regular budget, the governor said, "only such recommendations as will meet the minimum immediate requirements for permanent construction have been included. This is illustrated by the fact that items recommended by the total $3,700,000 for such purposes, while the requirements as estimated by department heads approximate $36,000,000."

Construction of a junior prison and reformatory and prison in Southern California to start as soon as a site can be selected is one of the urgent items in the public works appropriation, the governor declared.

Calling attention to other construction considered absolutely necessary, the message stated:

Our prisons are not the only State institutions where overcrowding and inadequate facilities and equipment work severe hardships upon the inmates. Many wooden structures, constructed more than 27 years ago as temporary housing

(Continued on page 6)

PLAN $400,000 DAM PROJECT AT STANFORD

University Considers Starting Reservoir Construction This Spring

Construction this spring of a dam across San Francisquito Creek a mile and a half below Searsville lake to create a water supply reservoir for Stanford University is under consideration by university officials. Cost of the project is estimated at approximately $400,000.

Plans on which Fred C. Hermann, San Francisco consulting engineer, and A. L. Trowbridge, asistant controller and university engineer at Stanford, have been working include a rolled earth fill dam 100 ft. high and with a crest length of 1,300 feet, and a pipe line from the new reservoir to Junipera Serra Boulevard on the Stanford campus, to tie in with other water mains at that point.

The artificial lake created by the dam would have a surface area when full of 230 acres, with backwater extending to the base of the Searsville dam and flowline to the north extending to the Sand Hill road. The reservoir would have a storage capacity of 1733 million gallons and would impound waters which flow over the top of Searsville dam and water from Bear Gulch Creek.

Possibility of construction starting this spring in order that next winter's rains might be impounded is seen.

L. A. FIRM LOW AT $121,722 ON MADERA GRADING

Hemstreet & Bell Submit Low Bid on Lake County Grading and Surfacing

SACRAMENTO, Jan. 23. — The State Highway Commission opened bids today on contracts for highway improvement in Lake and Madera counties.

For grading about three and seven-tenths miles in Madera county between Coarse Gold and Hawkins School, George J. Bock & Son of Los Angeles submitted low bid, at $121,722. The work involves, among other items, approximately 140,000 cubic yards unclassified roadway excavation, 280,000 station yards overhaul, and 3188 feet of corrugated metal pipe. Total bids were as follows:

Geo. J. Bock & Son, L. A.	$121,722
Mittry Bros. Const. Co., L. A.	123,144
A. Teichert & Son, Sacramento	126,888
Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland	134,697
Peninsula Paving Co., S. F.	136,375

Hemstreet & Bell of Marysville submitted the low proposal for grading and surfacing about two and one-half miles in Lake county, at $62,732. The work is located between Manila Ranch and one mile east of Upper Lake and will require about 79,000 cubic yads unclassified roadway excavation, 530,000 station yards overhaul, 23,500 tons creek run gavel base and 2,442 feet of corrugated metal pipe.

Total bids submitted on the Lake county project were as follows:

Hemstreet & Bell, Marysville	$62,732.85
C. W. Caletti & Co., San Rafael	70,812.25
A. Teichert & Son, Sacto.	71,621.50
Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland	76,441 85
Heafey-Moore Co., Oakland	80,597.50
Peninsula Paving Co., S. F.	81,666.25
A. G. Ralsch, S. F.	82,380.00
Hanrahan-Wilcox Corp. S. F.	84,235.50
T. M. Morgan Paving Co., Los Angeles	90,976.50

(Complete unit bids appear in the Advance Report section.)

LABOR CHIEF OPPOSES RULE ON CARPENTERS

Nolan Holds Prevailing Wage Law Voids PWA Classification Order

State Labor Commissioner Edward L. Nolan has addressed a letter to all awarding bodies contemplating work with PWA funds advising them that the California State Prevailing Rate Law renders void PWA Order No. 23709 relating to classification of "carpenter's helpers" and "carpenter's assistants."

Copies of correspondence with A. D. Wilder, state engineer for PWA, and the decision of the U. S. Secretary of Labor in the Fort Miley wage case are enclosed with the letter.

Mr. Nolan's notice to PWA applicants states in part:

"The city and county of San Francisco is cooperating with us in regard to this matter and is omitting the terms of Order No. 23709 entirely on six projects it has in mind, including the Hetch Hetchy project now being advertised, and is so advising all contractors bidding on the jobs. This is in accord with the option granted by the PWA to eliminate the order if it is not applicable. It is not applicable under the State Prevailing Rate Law any more than it is under the San Francisco Prevailing Rate Law and we sincerely trust that all awarding bodies throughout the state will take the same stand in the matter.

"They are required to do so by the Prevailing Rate Law as constructed by the California Supreme Court in the case of Metropolitan Water Distict vs. Whitsett, 215 Cal. 215 (1932) in which that court indicated that it is our duty as the enforcing offices to prosecute under the law when an awarding body or office acts 'arbitrarily or capriciously" in setting a scale. Setting a scale at less than the prevailing scale by the use of an illegal classification would be an exceeding arbitrary and capricious act tending to defeat the main purpose of the law itself and we could not overlook the issue raised.

"There would, in ou opinion, be no object in setting such a rate for carpenter's helper, rough carpenter, etc., as the PWA regulations call for a rate of $1.10 per hour throughout California for all 'skilled labor' and carpenter work most certainly, in our opinion, comes under the category of 'skilled labor' if any work ever did. The rate question, therefore, becomes, in our opinion, one of form more than of substance, but it is nevertheless of vital importance to this Division from the standpoint of effective and uniform law enforcement and of vital importance to all carpenters in any locality, as the setting of a scale for their craft at less than the actual scale prevailing will, of course, have a tendency to depress their wages on other public work and on private work in the entire locality.

"The classification question, however, is one of substance and one on which we must take a stand for uniformity and for effectiveness in preventing unfair competition as between contractors hidding on public work."

Street and Viaduct Repairs, Lighting System Bids Opened

Bids were opened yesterday by the San Francisco Department of Public Works on three contracts for installation of an ornamental lighting system, viaduct repairs and street reconstruction.

H. C. Reld & Company submitted low bid for installation of an ornamental lighting system on Alemany Boulevard between Bayshore Boulevard and Mission Street, with a proposal of $11,794. The work includes iron standards, luminaries and lamps, concrete foundations for the standards, and conduit and wire. George F. Breyer was second low bidder on this work at $12,234.

For miscellaneous repairs to the Mission viaduct at Cayuga avenue, E. J. Treacy submitted low bid at $4,026. Second low bidder was Chas. L. Harney, whose proposal was $5,442.

For reconstruction of Pacific Avenue between Presidio Avenue and Walnut Street Fay Improvement Company submitted the low figure, at $2,298. Charles L. Harney was second low bidder on this project also, at $2,313. The work involves about 6,784 square feet of six-inch Class E concrete pavement.

NEVADA PLANNING BOARD APPOINTED

A state planning board of seven members has been appointed by Governor Richard Kirman of Nevada.

Those named by Governor Kirman are: Alfred Merritt Smith, Reno, engineer; Archie Grant, Las Vegas, garage owner; John A. Fulton, director of the Mackay School of Mines at the state university; George Rusell, Jr., Elko livestock man; George W. Malone, state engineer; J. H. Buehler, Pioche, mining man, and R. A. Allen, Nevada PWA engineer.

SCOTT APPOINTED S. MATEO ENGINEER

C. W. Scott of Redwood City has been appointed San Mateo couuty engineer to succeed Jas. S. James. Mr. Scott was chosen by the board of supervisors after Urban S. Marshall of Piedmont, who was appointed first to succeed James had been declared ineligible as not being a resident of the county.

BAY CONTRACTOR GROUPS ACT ON CARPENTER WAGE

Area Agreement For Central California Cities To Be Drafted by Committee

General contractors of the bay district, who met this week in San Francisco to consider a wage agreement with the carpenters, approved a plan to refer the subject to an executive committee representing organizations affected.

Under the plan considered wages and hours would be established for an area including San Francisco bay communities and Stockton, with possible further extensions of the agreed wage scale and working conditions. This plan will be developed by the executive committee of contractors organizations as soon as degelates can be authorized by their respective groups to continue the negotiations.

The following organizations were represented at the meeting here:

San Mateo County General Contractors Assn., Peninsula General Contractors Assn. of Palo Alto, General Contractors Assn. of Santa Clara County, Central California Chapter of the Associated General Contractors of America, Oakland Builders Exchange, Cabinet Manufacturers Institute of California, Northern Division, General Contractors Association of San Joaquin County, Marin County General Contractors Assn., Richmond Builders Exchange and Northern California Chapter of the Associated General Contractors of America.

George E. Greenwood, president of Central California Chapter of the Associated General Contractors acted as chairman and William E. Hague, manager of the chapter, acted as secretary.

Ten Divisional Wage Agreements Now In Effect

Ten area agreements have been approved to date by the President as provided under divisional codes of the construction industry, the National Code Authority reports.

The last two signed are for the painting, paperhanging and decorating division covering Dade Co., Florida (Miami region) and for St. Paul, Minn. Both became effective January 7.

The Florida agreement provides a maximum 35-hour week, seven hours per day and five days per week. The rate of pay is $1.00 an hour with double pay for overtime. The St. Paul agreement also provides a 35-hour week, $1 per hour, but $1.10 for swinging stage work, and overtime at 1½-times regular pay.

Six agreements have been signed to date under Chapter III; two under Chapter IV; one each under Chapters VIII and X.

$3,219,965 Low Bid For O'Shaughnessy Dam Addition Submitted by Transbay Co.

Low bid for construction of an addition to O'Shaughnessy Dam to increase the reservoir capacity was submitted to the San Francisco Public Utilities Commission yesterday by Transbay Construction Company of San Francisco, was a proposal of $3,219,965.

Utah Construction Company, W. A. Bechtel Company and Henry J. Kaiser Company of San Francisco submitted the second low bid at $3,447,598.

O'Shaughnessy Dam is located at the west end of Hetch Hetchy Valley on the Tuolumne River, creating a reservoir for the city's Hetch Hetchy water supply system. The addition will raise the crest of the dam 85½ feet, from elevation 1726½ to 3812. The foundation for the enlarged dam has been built to elevation 3500, which is approximately the elevation of the original stream bed. A section of the existing dam containing the outlet conduits has been built to the proposed downstream face of the enlarged dam.

Construction of a new spillway, installation of new outlet control valves, and spillway gates, clearing the reservoir area between the present and future high water surface elevations, road and trail construction and other incidental work are included in the required work.

Among the 88 bidding items and estimated quantities involved were 205,000 cubic yards mass concrete in the dam and 60,000 cubic yards of concrete for various other purposes, including impervious dam surface and spillway bridge and weir, 277,000 barrels of Portland cement, 450,000 pounds reinforcing steel, 400,000 pounds anchor bars, furnishing and placing 300,000 feet of one-inch metal tubing, 125,000 pounds wrought steel pipe, a total of 92,600 cubic yards excavation of various classes, and numerous others.

Total bids submitted on the work were as follows:

Transbay Const. Co., San Francisco	$3,219,965
Utah Const. Co., W. A. Bechtel Co. & Henry J. Kaiser Co., S. F.	3,447,598
Southwestern Contracting Group, Inc., Los Angeles	3,485,485
W. E. Callahan Const. Co., Angeles	4,687,795

The work is financed in part by Public Works Administration funds, a grant having been made to the project. A $3,500,000 bond issue was approved by the voters at the November, 1933, election.

NAME INSPECTOR FOR COUNTY JOB

Alfred L. Vezina, 8300 Iris treet, Oakland, yesterday was appointed full-time inspector on the Alameda county court house and office building by the board of supervisors on recommendation by the Alameda County Board of Architects. Salary for the post was fixed at $400

BIDS ON BRIDGE NEAR MONTEREY TO OPEN FEB. 13

Commissioned Also Advertises Two Paving Projects In South

SACRAMENTO, Jan. 22.—Bids were called today by the State Highway Commission on three projects involving bridge construction and highway grading and paving. Proposals on one contract will be opened in Sacramento February 13 and on the other two in Los Angeles February 14. The projects are located at follows:

Monterey County: Construction of a reinforced concrete bridge across Malpaso Creek nine miles south of Monterey. The bridge is to consist of one 117-ft. open spandrel arch span and six 13-ft. 10-in. approach spans. The work includes among other major items, shifting an existing bridge, 350 cubic yards stripping, 450 cubic yards excavation for structures, 450 cubic yards unclassified roadway excavation, 535 cubic yards Class A Portland cement concrete structure, 110 cu. yds. Class A Portland cement concrete arch ribs and struts, 13 cubic yards Class A concrete railing and 120,000 lbs. bar reinforcing steel. Bids open in Sacramento February 13.

Los Angeles County: Grading and paving with Portland cement concrete about eight-tenths of a mile between Pier Avenue and Sepulveda Boulevard. About 65,800 cubic yards unclassified roadway excavation, 72,000 station yards overhaul, 20,500 square yards subgrade preparation and 3,425 cubic yards Class A Portland cement concrete pavement will be required. Bids open in Los Angeles February 14.

Orange County: Grading and paving with Portland cement concrete about one and one-tenth miles in Laguna Beach between Cypress St. and the south city limits. The work will require, among others, major items of approximately 56,900 cu. yds. unclassified roadway excavation, 1,150,000 station yards overhaul, 25,700 square yards subgrade for pavement, 5,110 cubic yards Class A Portland cement concrete pavement, and 150,000 pounds bar reinforcing steel for pavement and structures. Bids open February 14 in Los Angeles.

CITY RECEIVES BIDS ON GLEN PARK SCHOOL

MacDonald & Kahn & James L. McLaughlin Low on Alternates

MacDonald and Kahn and James L. McLaughlin yesterday submitted low bids to the San Francisco Department of Public Works on alternate proposals for construction of the Glen Park School. MacDonald & Kahn's low bid for the work complete was $223,322.

For the work complete with the exception of the auditorium wing MacDonald & Kahn also submitted the low bid, at $186,999. James L. McLaughlin was low bidder for the work complete excepting the auditorium and kindergarten wings, with a proposal of $176,248.

For electrical work McPage-McKenny Company submitted low bids on all three alternates, their figure for this work in the complete building being $12,847; omitting auditorium wing, $9,800; omitting auditorium and kindergarten wings, $9,650.

Scott Company was low bidder on mechanical equipment with proposals of $23,868 for work in the complete building, $18,698 with auditorium wing omitted, and $18,080 with auditorium and kindergarten wings omitted.

The building will be located at 150 Brompton street. It will contain 14 classrooms and will have tar and gravel roof and a steam heating system. The auditorium, if included in the contract, will have a seating capacity of 450 persons

The work includes excavation and grading, plain and reinforced concrete, structural steel, roofing, membrane waterproofing masonry and architectural terra cotta, sheet metal and metal covered work, metal furring, lathing, interior and exterior plastering, marble work, tile and terrazzo work, miscellaneous iron and bronze work, glass finish hardware, metal fencing and linoleum flooring.

Total bids submitted for (1 the building complete; (2) omitting auditorium wing, and (3) omitting auditorium and kindergarten wings were as follows:

MacDonald & Kahn, (1) $223,322; (2) $186,999; (3) $176,999.

James L. McLaughlin, (1) $225,789; (2) $188,729; (3) $176,248.

Dinwiddie Construction Co., (1) $226,900; (2) $190,900; (3) $180,300.

Frank J. Reilly, (1) $227,331; (2) $192,331; (3) $179,931

O. Monson (1) $231,171; (2) $190,392; (3) $177,771.

K. E. Parker Co., (1) $235,766; (2) $197,547; (3) $185,370.

William Spivock, (1) $236,100; (2) $199,200; (3) $186,900

Leo Epp, (1) $236,889; (2) $200,889; (3) $189,477.

Anderson & Ringrose, (1) $245,000; (2) $204,563; (3) $192,459.

H. C. Vensano, (1) $262,770; (2) $219,839; (3) $207,667.

ASK BIDS FOR APPLYING OIL TO VEGETATION

State Division of Highways Asks Proposals On Roadside Oiling

The State Department of Public Works, Division of Highways, is taking bids during the next two weeks for oiling roadside vegetation in four sections of the state.

The district engineer at Stockton will open bids January 29 for applying Diesel oil to roadside vegetation at various locations in Solano and San Joaquin counties, over a distance of approximately 130 miles.

On January 30 bids will be opened by the district engineer in San Francisco on contracts for applying Diesel oil to roadside vegetation in two areas. Work under one contract is located in Sonoma, Marin, Napa and Solano counties, and requires approximately 1900 barrels of oil to be applied over a distance of about 139 miles. The second contract calls for application of about 1000 barrels of oil over a distance of 75 miles in Alameda, Contra Costa and Santa Clara counties.

At Stockton the district engineer will open bids February 2 on a contract for application of Diesel oil to roadside vegetation over a distance of approximately 200 miles at various locations in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Marpiosa counties.

Jno. H. Skeggs is district engineer for the Division of Highways in San Francisco, with offices at 211 State Building. In Stockton the district engineer is R. E. Pierce, 47 North Grant Street.

CITY CONSIDERS UNIFORM CODE

Adoption of the Pacific Coast Building Officials Uniform Building Code in the city of Santa Cruz has been recommended to the city council by Clayton Staples, planning engineer.

The code provisions are to be explained at two public meetings to be held Thursday night and Friday night in the council chambers.

HOLC LOANS PASS $100,000,000 MARK

Loans made in California by the Home Owners' Loan Corporation now have passed the $100,000,000 mark. Including the week ending January 17 there have been 37,249 loans, aggregating $100,551,875, closed, according to W. O. Miles, state manager for the HOLC. Two-thirds of the loans have been made in the Los Angeles area, Mr. Miles stated, with Los Angeles county absorbing seven-eighths of these.

Metropolitan Sues For Possession of San Jacinto Tunnel

Metropolitan Water District has filed suit in U. S. District Court, Los Angeles, to gain possession of the San Jacinto tunnel on which a $7,000,000 contract held by Wenzel & Henoch Construction Co. has been cancelled.

The district asks that the contractor be restrained by court order from interfering with the chief engineer's plan to take possession of the property and prosecute the work with the district's own forces. The complaint recites that demand was made January 16 on the contractor that he vacate and permit the district to take possession of the tunnel and access works and all equipment.

The contractor has refused to comply with the order, it is alleged.

A hearing was set for January 28 by District Judge Paul J. McCormick.

Notice to the contractor to cease operations followed action by the Metropolitan directors suspending the contract on recommendation of Chief Engineer and General Manager Weymouth. The chief engineer reported the contract seven months behind schedule and advised that aqueduct completion would be delayed unless construction of this section was accelerated.

BUREAU BUDGETS $25,000,000 FOR COULEE MATERIAL

Washington Project Will Require Large Purchases Of Steel

Purchases yet to be made by the government for the Grand Coulee project are expected to total $20,000,000 for materials and $5,000,000 for dam facilities and power equipment, it is estimated from a list compiled by F. A. Banks, construction engineer of the U. S. reclamation bureau.

The following supplies have yet to be contracted, with amounts in pounds except as noted:

Reinforcing bars, 25,000,000; hydraulically-operated gates, 6,232,000; control apparatus, 45,000; bulkhead gates, 1,000,000; butterfly valves and operating mechanism, 2,522,000; penstocks, 8,170,000; trash rack metal work, 4,242,000; structural steel, 1,600,000; miscellaneous metal work, 375,000; corkboard, 52,000 square feet; electric conduit, 27 miles; electric cable, 20 miles; metal sealing strips, 25 miles; metal tubing, pipe and valves, 1,200,000 pounds.

The bureau also will buy a 150-ton gantry crane and a 20-ton gantry, requiring 203,000 pounds of track rails. Fourteen thousand more barrels of cement will be required for the highway bridge being built across the Columbia, together with 234,000 pounds of reinforcing steel and pier nosing.

$50,000,000 STATE PUBLIC WORKS PROGRAM RECOMMENDED BY GOVERNOR

(Continued from page 3)

facilities, continue to house the insane. These buildings are sheeted with one-inch pine boards with neither lath nor plaster to protect against heat or cold. This condition presents a serious fire hazard and a constant menace to the lives of patients and attendants.

In many of our State hospitals patients are quartered in basements and in attics. Beds in many wards are so close together that care and treatment of patients is seriously impaired.

To remedy this condition a building program calculated to relieve the situation as rapidly as funds may be made available should be adopted. If the State had been able to maintain such a program thru the years, the present intolerable conditions would not exist.

Appropriation for improvements at Northern California institutions recommended by the governor include: Stockton State Hospital, $1,109,500, the largest item being $800,000 for new ward building with 960 beds; Mendocino State Hospital, Ukiah, $345,000, including ward building with 234 beds; Agnew, $15,000 for hot water boiler, booster pump, bakery machinery, etc.

Camarillo State Hospital in Ventura county is recommended for an appropriation of $1,800,000 to be used in permanent improvements, including an 1100-bed ward building.

To finance the emergency works progam, the governor proposed an additional one-cent tax on gasoline, estimated to raise $23,300,000; 3% consumers tax on gas, electricity, telephone and other utility services, $16,000,000; tobacco tax of 2c a package on cigarettes and 10% on other tobacco, $8,000,000. The total estimated revenues are $47,300,000.

The governor recommended that the money be expended under state supervision in a public works program, and not exceeding 50 per cent be used in construction of state buildings. He did not submit specific recommendations for projects to qualify for this financing.

BILL PROPOSES STATE LOANS FOR HOUSING

Act Would Extend Principles Of Veterans Welfare Legislation

Extension of the principles of the state veterans' home loan purchase plan to all residents of California who have lived in the state for ten years is included in a bill introduced in the state legislature by Assemblyman Leon M. Donihue.

The bill would provide for a state bond issue of $100,000,000 to establish a home loan fund. From it residents of the state could borrow on residential property at low interest rates, repaying the loans in monthly installments over a long term. The amortization of loans would retire the bond issue and pay interest charges without expense to the state.

Success of the state veterans home loan act, through which war veterans in the state have been able to purchase $50,000,000 worth of residential property since 1921 without cost to the state is regarded as one of the strongest arguments in favor of Donihue's proposal.

Another $30,000,000 bond issue to finance applications for home loans now before the veterans' board was approved at the last general election. The veterans' loans are made for a maximum period of 20 years at an interest rate of five percent on the deferred balance. They are repaid in monthly installments. The maximum loan is $5,000. A charge of five percent of the face of the loan is required as a down payment to cover administrative cost.

BOOKLET SUGGESTS FARM IMPROVEMENTS

A careful inventory of farm property to determine repair needs is suggested in "Farm Property Improvement", a booklet released by the Federal Housing Administration for distribution among rural residents. It is pointed out that when discovered in time needed repairs often save large expenditures for reconstruction.

The booklet explains eligibility for FHA loans and contains a series of questions and answers covering all phases of the modernization program.

Detailed suggestions for the planning of the work needed to be done are given in order to permit the maximum of benefit from money spent. Not only are these suggestions made for the farm residence but for other buildings on the farmstead as well. Improvements include additions, alterations and repairs to existing buildings; replacements; fences, wells, ponds, windmills, waterlines and other items of permanent improvement. The maximum amount obtainable for a single property is $2,000.

Sees $2,000,000,000 Building Business In '35 Through Organized Sales Methods

Through organized creative selling lies a path to a two billion dollar volume of business for the building industry in 1935, according to Arthur A. Hood, Johns-Manville expert on building material selling methods. In a series of lectures in the East and Mid-West Mr. Hood has presented facts and figures to show a nation-wide concerted effort in selling home improvements under Title I of the housing act will result in the two billion dollar volume of trade.

A Johns-Manville survey of 1,000 average homes in Trenton, N. J., conducted by Mr. Hood, showed need of 7,000 individual items of improvement while the 1,000 homeowners expressed a desire for 1,400 improvements. Figures recently released by the Reconditioning Division of the Home Owners' Loan Corp. show that 100,000 homes have been improved at an average of $250 per house.

There are 20,000,000 homes in America, Mr. Hood points out, and based on the figures above, the total of needed improvements is ten billion dollars while conscious consumer wants total two billion dollars.

"With our present equipment and method of selling and even with the impetus provided by the Housing Act," says Mr. Hood, "we cannot expect more than 500 millions of dollars in sales.

"This leaves an extra market right at our door for 1935 of one and one-half billions of dollars—as much business as would be provided by the construction of 300,000 new houses at $5,000 each.

"Between us and that business is just one barrier—the lack of organized creative selling.

"As an industry we have got to remove that barrier and we can only do it through stopping our efforts to take business and profits away from each other and concentrating on the creation of business.

Organized creative selling is defined by Mr. Hood:

"The translation into profitable sales of a maximum volume of the needs of consumers with capacity to buy.

"It is that branch of consumer contact which begins where order-taking ends. Through publicity, advertising, organized campaigns, etc. to arouse consumer interest, a large number of property owners have been brought to the point of saying: 'Yes, I'd like to make some improvements to my home.' Our industry has been able to take orders for a considerable volume of such business, but we have fallen far short of the volume we should have secured as a result of the tremendous efforts which have been made to generate consumer interest . . ."

Tribute was paid by Mr. Hood to the splendid publicity done by the housing administration but "all the advertising, promotion and publicity in the world will not take the place of personal creative selling," he said.

At present the manufacturer, the dealer and the contractor have only a part in the industry and none of their activities span it as a whole. Each does his share of selling his part but the industry as a whole is never completely engaged in a united selling effort.

"The fact is," continues Mr. Hood "that as an industry we have neither creative sale management nor creative salesmen—we are a ship without a rudder—an army without infantry.

"We have a totally missing function in the industry. Instead of the home improvement problem consisting of production, distribution and construction, there is a fourth function just as essential as the other and that is selling. In addition to the producer, the distributor and constructor we must have the creative salesman.

"The selling job will require 30,000 men, to sell $50,000 of goods each in a year's time and bring in the extra billion and a half-dollars of business." Mr. Hood cites figures based on a J-M survey showing that 1,000 home-owning families will support a salesman.

Mr. Hood lists among necessary equipment for these salesmen: leads, knowledges of what the property-owner needs, selling headquarters, complete information on the housing act and an organized sales approach with answer to the objections prospects are likely to raise.

Sales are, naturally, to be made to individuals and families who own property and can logically pay for the improvements. Says Mr. Hood:

"Every existing structure needs some repair, improvement or addition.

"Every owner with buying capacity is a prospect."

The typical home-owner, as envisaged by Mr. Hood, is above average in intelligence, conservatism and thrift; cannot be high-pressured; prides himself on his good Judgment; is not an experimenter and, in fact, is the backbone of our citizenry.

"These very qualities of maturity, stability and conservation provide a great opportunity for our industry if we can put our creative selling on the right plane," says Mr. Hood.

Mr. Hood's speech goes thoroughly into the plan by which the building industry can marshal its forces to gain the new business offered by the national housing act. Copies of the speech may be secured from Johns-Manville's New York offices at 22 East 40th Street.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
45	Jeromes	Mullen	1150
46	Carnation	Standard	5000
47	Standard	Owner	1000
48	Wallach	Mullen	1800
49	Carraro	Owner	2250
50	Title	Owner	1000
51	Anza	Owner	3500
52	Hanford	Stoneson	4000
53	Patterson	Not Let	1000
54	Howard	Ragge	1660
55	Sutro	Not Selected	4000
56	Skelly	Anza	3500
57	Fashion	Dunn	3000
58	De Micheli	Filippis	2000
58	Capital	Owner	1000
60	Skelly	Anza	3500
61	Peterson	Owner	2000
62	Investment	Wagner	2000
63	Anderson	Owner	4000
64	Proll	Owner	2000
65	Continental	Mullen	1800
66	Nelson	Owner	4000
67	Levin	Petersen	3000
68	Pusataro	Isaac	1100
69	Doerr	Owner	1000

ALTERATIONS
(45) NO. 145 GEARY ST. Alter store.
Owner—Jeromes, 145 Geary St.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $1150

ALTERATIONS
(46) SW VALLEJO AND DAVIS Sts. Alter warehouse.
Owner—Carnation Co., Seattle, Wash.
Plans by E. N. Muzzy, American Creamery, Oakland.
Contractor — Standard Refrigerator Co. $5000

STATION
(47) SW FILBERT ST. AND COLumbus Ave. Alter service station
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(48) NO. 139 GEARY ST. Alter store.
Owner—Harry Wallach, Prem.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St. $1800

DWELLING
(49) S FELTON ST. 94 E Goettingen St. One-story & basement frame dwelling.
Owner—G. Carraro, 750 Felton St., San Francisco.
Architect—Not Given. $2250

ALTERATIONS
(50) NO. 210 MISSION ST. Alter lofts and salesroom.
Owner—Title Insurance & Guaranty Co., 325 Fremont St., S. F.
Architect—Not Given. $1000

DWELLING
(51) E FUNSTON AVE. 200 S Kirkham St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 1598 36th Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(52) NO. 658 MARKET ST. Alter office building.
Owner—Hanford-Waldorf, Premises.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor — Stoneson Bros., 1630 Ocean Ave., S. F. $4000

ALTERATIONS
(53) NO. 160 CLIFFORD TERRACE. Alter flats.
Owner—Mrs. Frances Patterson, 160 Clifford Terrace., San Francisco
Architect — N. W. Sexton, 1605 de Young Bldg., San Francisco.
Contractor—Not Let Yet. $1000

ALTERATIONS
(54) NO. 708 KEARNY ST. Alter store.
Owner—Stanley C. Howard, % Contractor.
Architect—Not Given.
Contractor — Albert A. Ragge, 1474 30th Ave., San Francisco. $1660

ALTERATIONS
(55) NO. 1000 POINT LOBOS AVE. Sutro Baths). Alter amusement center and baths.
Owner—Adolph G. Sutro, Premises.
Engineer—Jesse Rosenwald, 524 Market St., San Francisco.
Contractor—Not Selected. $4000

DWELLING
(56) NW TWENTY-FIFTH AVE. & Noriega St. One-story and basement frame dwelling.
Owner—Janet D. Skelly, % Contractor
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1598 36th Ave., S. F. $3500

ALTERATIONS
(57) NO. 51 STOCKTON ST. Alter stores.
Owner—The Fashion Bootery, Prem.
Architect—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., S. F. $3000

ALTERATIONS
(58) SW MONTGOMERY & JACKson Sts. Alter public garage.
Owner—Joseph De Micheli, 1900 Jefferson St., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Engineer—J. R. Guptill, Oakland.
Contractor—V. Filippis, 269 24th Ave., San Francisco. $2000

ALTERATIONS
(59) NO. 546 HAIGHT ST. Alter bank.
Owner—Capital Co., 625 Market St., San Francisco.
Architect—L. J. Hendy, 693 Mission St., San Francisco.
Engineer—L. H. Nishkian, Underwood Bldg., San Francisco. $1000

DWELLING
(60) NW TWENTY-SIXTH AVE. & Noriega St. One-story and basement frame dwelling.
Owner—Janet D. Skelly, % Contractor
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1598 36th Ave., S. F. $3500

DWELLING
(61) W JULES ST. 150 N Grafton. One-story and basement frame dwelling.
Ownher—Margaret G. and Ernest G. Peterson, 131 Jules St., S. F.
Architect—Not Given. $2000

ALTERATIONS
(62) NO. 340 PINE ST. Alter storage building.
Owner—Investment Properties Corp., Alexander Bldg., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $2000

DWELLING
(63) W FIFTEENTH AVE. 100 N Wawona St. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 Seventh Ave., San Francisco.
Architect—Harold Stoner, 39 Sutter St., San Francisco. $4000

ALTERATIONS
(64 SW CLAY AND LARKIN STS. Alter apartments.
Owner — W. R. Proll, 1630 Clay St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $2000

ALTERATIONS
(65) NO. 693 THIRD ST. Alter restaurant.
Owner—Continental Buffet, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., S. F. $1800

DWELLING
(66) W MELBA 171 S Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(67) W POLK ST. 137 N Broadway. Alter market and store.
Owner—Samuel H. Levin, 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco. $3000

ALTERATIONS
(68) NO. 37 MULLEN ST. Alter dwelling.
Owner—F. Pusataro, % Contractor.
Architect—Not Given.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco. $1100

ALTERATIONS
(69) NO. 851 BRYANT ST. Alter shop.
Owner—Martin Doerr, 460 7th Street, San Francisco.
Architect—Not Given. $1000

ALAMEDA COUNTY

2	Sherman	Armstrong	11013
27	Bingham	Bingham	1400
28	Long	Owner	1300
29	Church	Cederborg	7621
30	Wyatt	Owner	1000
30	Brodie	Shapiro	2000
31	Thornton	Beckett	1000
32	Havenscourt	Armstrong	11300
33	Hoskins	Owner	1100
34	Scammell	Owner	4500
35	Bush	Pfrang	6550
36	Wilcox	Walker	3000

DWELLING
(27) NO. 138 E-ELEVENTH ST., **OAKLAND.** One-story four-room dwelling.
Owner—Earl Bingham, 1105 2nd Ave., Oakland.
Architect—Not Given.
Contractor—Earl Bingham, 1105 2nd Ave., Oakland. $1400

ADDITION
(28) NO. 3100 CARLSEN ST., **OAKLAND.** Addition.
Owner—Geo. F. Long.
Architect—Not Given. $1300

DWELLING
(29) NO. 2457 RIDGE ROAD, **BERKELEY.** Two-story 9-room frame dwelling.

Owner —Church of Divinity School of the Pacific, Premises.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. $7621

ALTERATIONS
(30) NO. 3100-02 E-FOURTEENTH St., **OAKLAND.** Alterations.
Owner—H. C. Wyatt, 1401 31st Ave., Oakland.
Architect—Not Given. $1000

ADDITION
(30) NO. 950 SIXTY-FIRST STREET **OAKLAND.** Brick addition.
Owner—Ralph N. Brodie Co., Prem.
Architect—Not Given.
Contractor—S. M. Shapiro, 1849 Arch St., Berkeley. $2000

REPAIRS
(31) NO. 1052 FOURTEENTH ST., **OAKLAND.** Fire repairs.
Owner—Samuel Thornton, 1428 Madison St., San Francisco.
Architect—Not Given.
Contractor—A. T. Beckett, 221 Scenic Ave., Piedmont. $1000

ADDITION
(32) 1444 HAVENSCOURT BLVD., **OAKLAND.** Addition to church.
Owner—Havenscourt Tabernacle, 1444 Havenscourt Blvd., Oakland.
Architect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $11,300

ALTERATIONS
(33) NO. 853 THIRTY-SIXTH ST., **OAKLAND.** Alterations and addition and one-story garage.
Owner—J. R. Hoskins, 3018 Acton St., Berkeley.
Architect—Not Given. $1100

DWELLING
(34) NO. 3756 ELSTON AVE., **OAKLAND.** One-story 6-room dwelling.
Owner — J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $4500

DWELLING
(35) NO. 3043 DANA ST., **BERKELEY.** One-story 8-room frame dwelling and garage.
Owner—Geo. Bush, SW Prince and Dana Sts., Berkeley.
Architect—Not Given.
Contractor—C. J. Pfrang, 6300 Claremont Ave., Oakland. $6550

DWELLING
(36) NO. 431 SPRUCE ST., **BERKELEY.** One-story 4-room frame dwelling.
Owner—David O. Wilcox, 1780 University Ave., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $3000

BUILDING CONTRACTS

ALAMEDA COUNTY

112	Pabst	Blaiotta	420
4	Pacific Gas	Maurer	1566

ALTERATIONS
(4) SEVENTEENTH ST. & BROADWAY, Oakland. All work for alterations.
Owner—Pacific Gas & Electric Co., Premises.
Architect—Not Given.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.
Filed Jan. 21, '35. Dated Jan. 14, '35.
Within 10 days after completed 75%
Usual 35 days..... 25%
TOTAL COST, $1566
Bond, $1000. Surety, Massachusetts Bonding & Insurance Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO COUNTY

11	Millispaugh	Hocking	224
15	Smith	Braas	5469

REPAIRS
(14) NO. 186 TWENTIETH AVENUE. Painting, staining, etc., for repairs to dwelling.
Owner—Harry W. and Mabel M. Millispaugh, Premises.
Architect—Not Given.
Contractor—W. H. Hocking, 2216 Clement St., San Francisco.
Filed Jan. 21, '35. Dated Jan. 2, '35.
HOLC Contract .....
TOTAL COST, $224.21
Bond, $224.21. Surety, Pacific Indemnity Co. Limit, 15 calendar days. Forfeit, none. Specifications only filed

(15) MASON & CALIFORNIA STS. (Mark Hopkins Hotel) Carpentry, mill work, glass, electrical work, plumbing, painting, plastering, etc., for bar and other improvements to hotel.
Owner—George D. Smith (as Receiver for Hotel Mark Hopkins).
Architect—W. P. Day, 1502 Financial Center Bldg., San Francisco.
Contractor—Braas & Kuhn Co., 1917 Bryant St., San Francisco.
Sub-Contractors—A. Quandt & Sons, painting and decorating; General Electric Co., refrigerating; W. J. Forster Co., plumbing; Barthold Soda Fountain Co., workboards; W. P. Fuller & Co., glass.
Filed Jan. 23, '35. Dated Jan. 23, '35.
Upon completion..... 80%
Usual 35 days..... 20%
TOTAL COS, $5469
Bond, $2734. Surety, Maryland Casualty Co. of Baltimore. Limit, started Jan. 23; completed Feb. 14. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $300; 2303 Mission St.; owner, Mission Carpet House, 2303 Mission St.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.
SIGN, electric, $400; NW Sixth and Mission; owner, Bear Drug Co., Prem.; contractor, Pioneer Elec Co., 370 Van Ness Ave. South.
REPAIR fire damage to dwelling, $250 1490 31st Ave.; owner, Chris Anderson, 146 Granville Way.
SIGN, electric, $2; 209 Powell St.; owner, Gibley's, Prem.; contractor, Golden Gate Neon, 355 8th St.
POLE, 24-ft iron, $50; SE 17th St. and Van Ness Ave. South; owner, Seaside Oil Co., 2121 3rd St.
ALTER dwelling, $50; 729 Filbert St.; owner, F. De Paoli, 1216 Taylor.
ALTER bank, $950; SW Clay & Montgomery Sts.; owner, Canton Bank Prem.; contractor, Frank Yick, 670 Washington St.
ALTER restaurant, $890; 2215 Powell St.; owner, Sam Snyder; lessee, Kalua, Inc., 301 18th St.; contractor, Henry Ericksen, 972 Chenery
SIGN, cloth, $20; 930 Market Street; owner, Morley, Prem.; contractor, Al Laib, 1279 Eddy St.
SIGN, electric, $200; 919 Kearny St.; owner, Gus Liquor Store, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.
ALTER apartments, $50; 58 Central Ave.; owner, D. F. Dooling, Prem.
POLE, iron 24-ft., $50; NW Market and Douglas Sts.; owner, Seaside Oil Co., 2121 3rd St.
ALTER store, $75; 272 Post St.; owner, Hirschman & Co., 300 Post St.; contractor, W. R. Haainger & Son, 50 Hawthorne St
POLE, iron, 24 ft., $50; NW Fell and Gough Sts.; owner, Seaside Oil Co., 2121 3rd St.
ALTER dwelling, $100; 623 Rhode Island St.; owner, Henry Reichell, 2412 18th St.
ALTER dwelling, $125; 703 Broderick St.; owner, W. McKeown, Prem.
ALTER flats, $500, 1357-59 Van Ness Ave. South; owner, Charles F. Hanke, Premises.
ALTER wholesale building and office, $350; 118 Sacramento St.; owner, Geo. A. Webster, 1201 California.
STUDIO, frame, 1-room, $400; 670 Fell St.; owner, A. F. Mathews, Prem.; contractor, Jack Johnson, 3361 Army St.
SIGN, electric, $250; 1699 Fillmore St.; owner, Post Fillmore Wine Depot Prem.; contractor, Apex Elec. Co., 363 Fell St.
BILLBOARD, $12.50; W Bay Shore Blvd. 481 N Cortland Ave.; owner, Foster & Kleiser Co., 1675 Eddy Street.
ALTER commercial building, $250; N Sycamore St. 80 W Mission; owner, Ed. Rosemont, 176 Duboce Ave.
SIGN, electroc, $125; 37 O'Farrell St.; owner, Clinton Cafeteria, Prem.; contractor, QRS Neon, 690 Potrero Ave.
SIGN, electric, $100; 56 Embarcadero; owner, Swentensen & Hansen, 56 Embarcadero; contractor, QRS Neon, 690 Potrero Ave.
SIGN, circle, $60; Steuart and Mission Sts.; owner, Gilmore Oil Co., Third and 18th Sts.
ALTER dwelling, $200; 743 22nd Ave.; owner, S. Reddy, 743 22nd Ave.; contractor, E. S. Janssen, 625 Hearst Bldg.
SIGN, frame, $21; 251 Post St.; owner, Iwata Trading Co., Premises; contractor, Daggett Signs.
ALTER dwelling, $890; 211 20th Ave.; owener, Beatrice Williams, 15 25th Ave.

ALTER store and dwelling, $500; 3741 Keith St.; owner, Mrs. K. Catechi Prem.; contractor, Richard Deluchi & Co., 3275 San Bruno Ave.
ALTER dwelling, $400; 1250 Silver Ave.; owner, J. A. Brody, Prem.
POLE, 24-ft. iron, $50; SW Market and Van Ness Ave. South; owner Seaside Oil Co., 2121 Third St.
POLE, 24-in. iron, $50; SE Van Ness Ave., South and 17th St.; owner, Seaside Oil Co., 2121 Third St.
ALTER flats, $100; 1326 Greenwich; owner, W. Koenig, Premises.
SIGN, electric, $175; 428 Sutter St.; owner, Anthony Shoe Shop, Prem. contractor, Novelty Elec. Sign Co., 66 Washburn St.
ALTER dwelling, $985; NE Sanchez and Duncan Sts.; owner, J. Biesen, 1435 Sanchez St.
ALTER apartments, $50; 419 Octavia St.; owner, Fay Kolibol, Prem.
ALTER apartments, $480; 250 McAllister St.; owner, Josephine Delben, 747 37th Ave.; contractor, F. Kern & Sons, 517 6th St.
ALTER dwelling, $400; 856 Dolores St.; owner, Mrs. B. E. Steil, Prem
SIGN, electric, $75; 2215 Powell St.; owner, Kalua Club, Prem.; contractor, Wonderlite Neon, 170 Otis.
BILLBOARD, $6.25; N Bay 157 E Webster St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $250; 1012 Noe St. owner, M. Green, Premises.
SIGN, cloth, $25; 994 Market St.; owner, Stanley's, Prem.; contractor, State Mfg. Co., 55 Rausch St
SIGNS (58) porcelain, $25 each; at various locations in S. F.; owner, The Coca Cola Co., Los Angeles; contractor, State Mfg. Co., 55 Rausch St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
APARTMENT Cost, $7500
SAN JOSE, Santa Clara Co., Cal. E Park Ave. N Naglee.
Two-story frame and stucco apartment building.
Owner—John S. Mise, 1321 Naglee Ave., San Jose.
Plans by George S. Kocher, 98 South Third St., San Jose.
Contractor—Frank Nevis, 891 Harrison St., Santa Clara.

Plumbing Contract Awarded.
ALTERATIONS Cost, $3750
SAN FRANCISCO. 825 Sacramento St.
Alterations to apartments (work involves carpentry work, plumbing, painting and electric).
Owner—Shoong Investment Co.
Architect—Bernard J. Joseph, 74 New Montgomery Street.
Plumbing—M. Cohen, 814 Stockton St.
Work is being done under the supervision of the architect.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. SW Clay and Larkin Streets.
Alterations to apartments.
Owner—Wm. R. Proll, 1630 Clay St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

2— BONDS

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
PALO ALTO, Santa Clara Co., Calif. 197 Bryant Street.
Owner—Harry Lommel, premises.
Architect—Not Given.

To Be Done By Day's Work.
ALTER APTS. Cost, $1500
PALO ALTO, Santa Clara Co., Calif. 840 Bryant Street.
Alterations to apartments.
Owner & Builder—J. A. Kohler, premises.
Plans by Leslie Nichols, 521 Guinda St., Palo Alto.

3— CHURCHES

Planned.
CHURCH Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Cayuga and Windham Streets.
Construction of new church.
Owner—Church of Christ (Harry Moarton, 57 Parkside Ave., Santa Cruze, in charge).
Architect—Not Given.
Further details will be announced at a later date.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded.
WAREHOUSE Cost, $7500
SAN FRANCISCO. Leavenworth and Jefferson Sts.
One-story steel and reinforced concrete warehouse.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Structural Steel—Western Iron Works, 141 Beale St.
Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave.
Masonry—Wm. Rainey, 323 Clementina Street.
Plastering—Peter Bradley, 639 Brannan St.
Sheet Metal — Morrison & Co., 70 Duboce Avenue.
Roofing — Alta Roofing Co., 976 Indiana Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Plumbing—Dowd & Welch, 3558 16th Street.
Electric — Abbett Electric Co., 126 Spear Street.

Contract Awarded.
ALTERATIONS Cost $5000
SAN FRANCISCO. SW Vallejo and Davis Streets.
Alterations to warehouse.
Owner—Carnation Co., Seattle.
Plans by E. N. Muzzy, American Creamery, 14th and Poplar Sts., Oakland.
Contractor — Standard Refrigeration Co., 4041 Whiteside Ave., Los Angeles.

Contract Awarded.
WAREHOUSE Cost, $32,602
SANTA CLARA, Santa Clara Co., Cal.
One - story and basement reinforced concrete warehouse extension (70x 210 ft.) reinforcing steel, cement work, structural steel, etc.
Owner—Security Warehouse and Cold Storage Company.
Architect—Binder & Crutis, 35 West San Carlos St., San Jose.
Engineer—Wm. Lotz, 35 W. San Carlos St., San Jose.
Contractor—J. D. Carlson, 1331 Sierra St., San Jose.
Cement—Henry Cowell Lime and Cement Company.
Excavation—Earl Heple.
Placing Reinforcing Steel — San Jose Steel Placing Company.
Reinforcing Steel—San Jose Steel Co.
Structural Steel—Engfer Iron Works.

BIDS WANTED.
GRAND COULEE, Wash. — Until February 11, 10 A. M., bids will be received by Bureau of Reclamation, Almira, Wash., for the construction of a one-story warehouse building at the Grand Coulee Dam, Columbia Basin Project, Wash. The work is located about 22 miles northwest of Almira.
The warehouse building will consist of three sections, one of which will be 60x120 ft. in size, one 40x260 ft. and one 0x200 ft. The foundations of all sections and walls to a height of four feet above the floor will be of concrete. The framework above concrete will be of structural steel and covered with corrugated steel sheets or interlocking plate steel. Clear-span bents will be spaced at about 20-ft. centers, reinforced concrete wall extending to the roof. Metal sliding windows and two all-metal sliding fire doors in openings in concrete wall between two sections. Ventilators. An office room and a toilet room with wooden partitions will be located in corners of the warehouse. Plumbing work and the electrical installation will be included in the contract.
Plans and specifications may be obtained from above office and from the Office of the Bureau of Reclamation at Washington, D. C., or Denver, Col.

PLANNED.
MOUNTAIN VIEW, Santa Clara Co. Cal.—Allen Cutler, 2065 Cowper St., Palo Alto, has taken a 30-day option on twelve acres of land on the Peacock property on Alma Road, Mountain View, and is considering constructing a cannery plant at that location. If proposed building is constructed it will be a 360x500 ft. structure an will have a capacity to pack 500,000 cases per year.

Contract Awarded.
BUILDING Cost, $25,000
SAN FRANCISCO. Twelfth St. and Van Ness Ave., South.
Two-story reinforced concrete tire distributing plant and warehouse building (vulcanizing plant on the second floor, stock room, offices, gasoline pumps in circle in center of building.
Owner—Dempster Est. Co., 519 California Street.
Lessee—McKean Bros., 616 Van Ness Avenue.
Engineer—W. Adrian, 417 Market St.
Contractor—Cahill Bros., 206 Sansome Street.
Sub-bids will be taken upon completion of plans.

Sub-Contracts Awarded.
ADDITION Cost, $240,000
OAKLAND, Alameda Co., Calif. 57th Avenue and Russett Street.
Addition to plant.
Owner—Continental Can Company, 155 Montgomery St., San Francisco.
Plans by Contractors.
Contractor—Austin Co., 1924 Broadway, Oakland.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Lumber—Sunset Lumber Co., 400 High Street, Oakland.
Concrete—Makin & Kennedy, 101 4th St., Oakland.
Steel Sash and Overhead Steel Doors—Truscon Steel Co., 604 Mission St., San Francisco.
Inserts — American Air Filter, Inc., American Air Filter Co., Monadnock Bldg., San Francisco.
Caisson—Bertram Drilling Co., 1263 N. Kingsley Drive, Los Angeles.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco.
Roofing — General Roofing Co., 3985 Beach St., Oakland.

Plans Completed.
MEAT PLANT Cost, $——
FRESNO, Fresno Co., Calif. Church and Fruit Avenues.
Two-story and basement conc. meat plant (180x60-ft.) concrete paved corrals and cattle chutes, sausage manufacturing plant, cold storage facilities, etc.
Owner—M. Machlin Meat Packing Co.
Architect—Chas. H. Franklin, 302 T. W. Patterson Bldg., Fresno.
Work will probably be done by day's labor by local labor.

EQUIPMENT CONTRACTS AWARDED

REDLANDS, San Bernardino Co., Cal.—Redlands Heights Groves, Geo. T. Musson, Manager, have awarded the following contracts for equipment to be installed in the new addition to their packing house in Redlands: Cooling & Air-Conditioning Corp., air-conditioning equipment, $6000; C. C. Moore Corp., refrigeration for pre-cooling department, $6500; Gay Engineering Corp., blower system; Citrus Machinery Co., packing machinery and conveyors, $10,000. As previously reported, A. E. Taylor & Son, 304 South E St., San Bernardino, general contractors.

Plans Being Figured—Bids Close Feb. 13, 2 P. M.

FRESNO, Fresno Co., Calif.
Brick addition to maintenance building for Division of Highways (composition roofing, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications may be obtained from above office upon deposit of $10.00.

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 340 Pine St.
Alterations to storage building.
Owner—Investment Properties Corp., Alexander Bldg., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

PLANS COMPLETE

LOS ANGELES, Cal.—Webber and Nelson, 703 W. I. Hollingsworth Bldg. have completed working drawings for a one-story laundry plant to be built at 201 S. Westmoreland Avenue for American Linen Exchange Co. The main building will be a one-story, concrete structure, 80x180 feet in area; concrete walls, steel trusses, wood purlin and 2-inch wood roof decking, composition roofing, cement and rubber tile floors, skylights, metal toilet stalls, tile showers, plaster partition, steel sash, caisson footings, concrete yard paving, wire fencing, etc. The boiler and engine room building will be of concrete construction, 45x81 ft. in area; concrete floors, concrete girders, steel rolling doors, metal fire doors, etc.

BIDS WANTED

RIVERA, Los Angeles Co., Calif.—Until January 26, bids will be received by D. H. Rundle, secretary of the Los Nietos and Ranchito Walnut Growers' Assn., Rivera, for a walnut processing plant and equipment, including a metal building, office furniture and equipment, Bauer dehydrator, Mahoney dehydrator and a hulling machine. Bids must be accompanied by a certified check for 10%.

5— FLATS

Plans Completed.

ALTER FLATS Cost, $1500
SAN FRANCISCO. No. 160 Clifford Terrace.
Alterations to frame flats.
Owner—Mrs. Frances Patterson, 160 Clifford Terrace, San Francisco.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.

Contract Awarded.

ALTER FLATS Cost, $1500
SAN FRANCISCO. 160 Clifford Terrace.
Alterations to frame flats.
Owner—Mrs. Frances Patterson, 160 Clifford Terrace.
Architect—N. W. Sexton, deYoung Building.
Contractor—N. F. Nielsen, 666 Mission Street.

6—GARAGES & SERVICE STATIONS

Segregated Bids Being Taken.

SERVICE STATION Cost, $——
SAN JOSE, Santa Clara Co., Cal. Santa Clara and San Pedro Sts.
Super-service station (steel and brick construction).
Owner — Baumgartner Bros. 148 W. Santa Clara St., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.

Plans Completed—Work Started.

ALTER STATION Cost, $1500
SAN FRANCISCO. SW Filbert Street and Columbus Avenue.
Alterations to service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Contracts Awarded.

ALTER STATION Cost, $1500
SAN FRANCISCO. SW Filbert Street and Columbus Avenue.
Alterations to service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.
Steel—Independent Iron Works, 821 Pine St., Oakland.
Carpentry—J. A. Grant, 82 Divisadero St., San Francisco.

Contract Awarded.

ALTER GARAGE Cost, $2,000
SAN FRANCISCO. SW Montgomery and Jackson Streets.
Alterations to public garage.
Owner—Joseph De Micheli, 1900 Jefferson Street.
Architect—F. W. Dakin, 625 Market Street.
Engineer—J. R. Guptill.
Contractor—V. Filippis, 269 24th Ave.

Planned.

SERVICE STATION Cost, $——
SAN FRANCISCO. SE Balboa Street and 39th Avenue.
Service station.
Owner—Rio Grande Oil Co., 417 South Hill St., Los Angeles.
Plans by Engineering Dept. of Owner. Application has been filed with C. J. Brennan, Chief, San Francisco Fire Department, for permission to construct a station at above location.

Contract Awarded

SERVICE STATION Cost, $7,000
MARYSVILLE, Yuba Co., Calif. NE Fifth and E Streets.
Steel service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—C. A. Otto, 823 12th Stt., Marysville.
Steel—Independent Iron Works, 821 Pine St., Oakland.

To Ask Bids Within One Week.

SERVICE STATION Cost, $7000
SAN FRANCISCO. SE Bayshore and Jerrold Street.
One-story Class A service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

Sub-Contracts Awarded.

POST OFFICE Cont. Price, $39,590
REDWOOD CITY, San Mateo Co., Cal.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — K. E. Parker Co., 135 South Park, San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.
Sheet Metal—Morrison & Co., 74 Dolboce Ave., San Francisco.
Roofing—C. L. Frost Roofing Co., 3159 El Mamino Real, Palo Alto.
Miscellaneous and Ornamental Iron—Star Ornamental Iron Works.
Tile—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Plumbing and Heating—Scott Co., 245 Minna St., San Francisco.
Electric—M. E. Ryan, 315 Hilton St., Redwood City.
Painting—W. G. Thompson, 1271 Folsom St., San Francisco.
Glass—Habenicht & Howlett Glass Co., 529 Clay St., San Francisco.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Neuman Bros., McMinnville, Oregon, at $666 awarded contract by Treasury Department, for painting the plaster, etc., in the U. S. Post Office, etc., at Modesto.

Bids Opened.

DORIMTORY Cost, $——
ALMIRA, Wash. (22 miles northwest of Almira).
one and one-half-story L-shaped dormitory building (35x112 feet) wing 35x25 feet; concrete foundations, wood frame walls, sheathing and siding exterior, wood shingle roof, etc.
Owner—United States Government
Plans by the Engineering Department of the Bureau of Reclamation, Almira.
Low Bidder—Ryberg & McCaul, Seattle.
Complete bids follow:

Ryberg & McCaul, Seattle	$82,137
Grover Gorsuch, Wenatchee	84,035
Howard S. Wright, Seattle	85,347
E. H. Peterson & Co., Wilhur	88,947
McDonald Bldg. Co., Tacoma	91,347

Bids held under advisement.

Low Bidders.

POST OFFICE Cost, $50,000
PROSSER, Washington.
U. S. Post Office Building.
Owner—United States Government
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—A. F. Mowat, McDowall Bldg., Seattle.
Two low bids follow:
(1) sandstone; (2) limestone.

A. F. Mowat, Seattle (1)	$37,700
(2)	37,500
Wm. McDonald Const. Co. St. Louis (1)	$39,870
(2)	39,10[illegible]

PROSPECTIVE BIDDERS

MARE ISLAND, Cal. — Following have procured plans for the purpose of submitting a bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., on February 13, 11 A. M., for a 40-ton outdoor electric gantry crane and runway at the Navy Yard, Mare Island. Specification No. 7855:

Wallace Bridge & Structural Steel Co., Seattle, Wash.
Pacific Coast Steel Co., 20th and Illinois Sts., San Francisco.
Joe Gerrick, 74 New Montgomery St., San Francisco.
Lakeside Bridge & Steel Co., Milwaukee, Wisc.
Cyclops Iron Works, 837 Folsom St San Francisco.
Judson Pacific Co., 609 Mission St., San Francisco.
Minneapolis Steel & Machinery Co., Sharon Bldg., San Francisco.

LOW BIDDER

HONOLULU, T. H.—Hawaiian Contracting Co., Honolulu, T. H. at $58,800 (item 1) and $56,900 (item 2) and $56,000 (item 3) submitted low bid to Treasury Department, Washington,

D. C., for the construction of a wharf, shed, disinfecting building, etc., at the U. S. Quarantine Station, Honolulu, T. H. Complete bids will be published shortly.

BIDS WANTED

LOS ANGELES, Cal.—Until February 19, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for providing and installing an ice cream making plant at the Veterans Administration Facility, Los Angeles.

Plans and specifications may be obtained from above office.

LOW BIDDER

SAN DIEGO, Cal.—Olmstead Building Co., 1847 Hancock St., San Diego, submitted the low bid to the Eleventh Naval District, January 17, at $2160, for repairing building No. 16 and heating equipment at the Naval Operating Base (Destroyer Base), San Diego; Specification 7872. Recommendation was made that the contract be awarded to the low bidder under item No. 1.

BUILDING MATERIALS APPROVED

HOOD RIVER, Oregon — Treasury Department approved the following material awards for the construction of the U. S. Post Office at Hood River, Oregon. Hoffman Constr. Co., general contractors.

Pressure reducing valve on water supply, McAlear Mfg. Co.; nonconducting covering for plumbing, Asbestos Supply Co.; non-conducting covering for heating, Johns-Manville Co.; boiler, Kewanee Boiler Corp.; sump pump, Economy Pumping Machinery Co.; glassware, Gill Glass Co. and Moe-Bridges Co.; pendant switches, Pass &, Seymour; lighting fixtures Moe-Bridges Co.

BIDS OPENED

ELKO, Nev.—As previously reported, Ralph Rockwell, Elko, at $4,420 submitted low bid to Treasury Department, Washington, D. C., for the construction of a new concrete retaining wall, wall copings, etc., at the U. S. post office at Elko. Only other bid was submitted by Thos. J. Doyle, San Francisco, at $4,717.

Bids held under advisement.

PLANNED

LOS ANGELES, Calif.—Representative Kramer this week introduced a bill in Congress to appropriate $7,000,000 to finance the construction of a Federal office building in Los Angeles. Plans for such a building, proposed for the site of the present post office building, were drawn in 1933 by Architects John C. Austin and Frederic M. Ashley and Architects John and Donald B. Parkinson.

CONTRACT AWARDED

HONOLULU, T. H.—Jonah Kumalae, Honolulu, T. H., at $26,500 awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for the relocation of two buildings. The buildings are 60x200 feet with a connecting passage 60x40 feet. They have asbestos covered metal roofing and siding, steel columns, and steel roof trusses. The buildings will be re-erected with a length of 140 feet and will contain new plumbing, storm and sanitary drainage, concrete floors, corrugated asbestos roofing and the salvaged electric light system.

BUILDING MATERIAL APPROVED

HILLSBORO, Oreg.—Treasury Department approved the following material awards for the construction of the U. S. Post Office at Hillsboro, Oregon. Joseph H. Anderson, Portland, general contractor:

Plumbing fixtures, Crane Co.; electric water coolers and drinking fountains, Halsey-Taylor; indirect water heater, Bell & Gossett; water supply pipe, National Tube Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; back water cesspools, Thos., F. Butler; non-conducting covering for plumbing, Johns-Manville Co.; boiler, Kenwanee Boiler Co.; tube radiators, Crane Co.; wall radiators, Crane Co.; nonconducting covering for heating, Johns-Manville Co.; air valves for radiators, Hoffman Specialty Co.; angle radiator valves, Crane Co.; oil heater, Excelso Specialty Co.; air valves for ends of steam mains, Hoffman Specialty Co.

Additional Sub-Contracts Awarded.

FEDERAL BLDG. Cost, $2,513,000
SAN FRANCISCO. Civic Center.
Five-story, attic and basement steel frame Federal Building (face brick exterior facing, steam heating system, etc.)
Owner—United States Government.
Architect — Arthur Brown Jr., 251 Kearny St., San Francisco.
Contractor—Great Lakes Constr. Co., 333 N. Michigan Ave., Chicago.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Terrazzo and Stone Work—P. Grassi, 445 Bayshore Blvd., S. F.
Other awards previously reported.

Bids Wanted—To Close Feb. 8, 1 P. M.

POST OFFICE Cost, $117,000
SAN MATEO, San Mateo Co., Cal. SW Ellsworth and Second Avenues.
One-story concrete post office building (80x90 ft.; stucco exterior; tile roof, ornamental iron bars, two vaults, 64-ft. loading platform in rear, etc.)
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

COMPLETE BIDS.

HONOLULU, T. H.—As previously reported, Hawaiian Contracting Co., Honolulu, T. H., at $58,800 (item 1) and $56,900 (item 2) and $56,000 (item 3) submitted low bid to the Treasury Department, Washington, D. C., for the construction of a wharf, shed, disinfecting building, etc., at the U. S. Quarantine Station, Honolulu.

Complete bids follow:

Hawaiian Contr. Co., Honolulu T. H.	(1)	$58,800
	(2)	56,900
	(3)	56,000
E. E. Black, Ltd., Honolulu	(1)	$65,400
	(2)	63,200
	(3)	62,740
Chas. H. Will, Hilo	(1)	$65,836
	(2)	64,266
	(3)	64,189
W. P. Thurston Co., Richmond Virginia	(1)	$74,000
	(2)	71,000
	(3)	71,000

Bids held under advisement.

BIDS WANTED.

PHOENIX, Arizona.—Until Feb. 15, bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing a freight elevator in the U. S. post office to be erected in Phoenix.

Late Low Bid.

POST OFFICE Cost, $63,800
SOUTH PASADENA, Los Angeles Co., Calif.
One-story U .S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—L. F. Dow Co., 414 Rowan Bldg., Los Angeles.

Complete bids follow:

L. F. Dow Co., L. A.	$44,347
Murch Brothers Const. Co., St. Louis, Mo.	45,473
Sarver & Zoss, Inc., L. A.	47,800
Robt. E. McKee, L. A.	47,850
Schuler & McDonald, Inc., Oakland	48,373
Theo. A. Beyer Corp., L. A.	49,730
Wesco Const. Co., L. A.	50,800
Wm. MacDonald Const. Co., St. Louis, Mo.	50,847

Bids held under advisement.

LOW BIDDERS.

GRAND COULEE DAM, Wash.—Following are three low bids received by Bureau of Reclamation, Denver, Colo., for furnishing and delivering fob cars at the factory shipping point or at Odair, Wash., all structural steel, siding, roofing, windows, doors, ventilators and other necessary materials except crane, concrete walls, foundations and anchor bolts for one complete steel warehouse building for the Government camp at Grand Coulee Dam. The concrete foundation will be constructed and the building erected by the Government; Spec. No. 645-D:

American Bridge Co., Denver, Colo. $23,399 (fob destination).

Pittsburgh - Des Moines Steel Co., Des Moines, Iowa, $23,542 (fob destination).

Virginia Bridge & Iron Co., Roanoke Va., $19,876 (fob shipping point).

The freight will be a deciding factor.

BIDS OPENED

NAPA, Cal.—C. H. Gildersleeve, Napa, at $165 submitted low bid to the Custodian, Napa Post Office, for repairing sidewalks surrounding the U. S. Post Office at Nape. Complete bids follow:

C. H. Gildersleeve	$165.00
Napa Lumber Co.	299.50
S. J. Cinnamond	325.00

Bids held under advisement.

CONTRACT AWARDED

MARE ISLAND, Cal.—San Francisco Elevator Co., at $2,734.10 awarded contract by Bureau of Yards & Docks for remodeling two existing electric freight elevators, one located in Bldg. No. 53 and one in the southe end of Bldg. No. 71, at the U. S. Navy Yard, Mare Island; Spec. No. 7868

Low Bidder.

POST OFFICE Cost, $70,000
McMINNVILLE, Oregon.
Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Hoffman Constr. Co., Portland, Oregon.
(1) $41,580; (2) $41,930.

8— CLUB BUILDING

Construction Under Way.

ALTER LODGE BLDG. Cost, $——
BURLINGAME, San Mateo Co., Cal. 1110 Burlingame Avenue.
Alterations to 3-story concrete and brick building for lodge (bowling alley, billiard hall and cafe, dance hall, lodge rooms, etc.)
Owner—Burlingame Lodge No. 470, I. O. O. F. (Mr. Charles Leiss, 311 Lorton Avenue, Burlingame, is in charge).
Architect—Not Given.
Mgr. of Const.—E. Tuck, 1104 Edgehill Drive, Burlingame.

9— HOSPITALS

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 28, 2 P. M., bids will be received by

Los Angeles County Supervisors for repairs and changes of dehydrating plant equipment at Los Angeles General Hospital, 1200 N. State St. Specifications may be obtained at the office of William Davidson, mechanical engineer, Hall or Records. Certified or cashier's check for $200 must accompany each bid.

APPROPRIATION ASKED.

NAPA COUNTY, Calif.—Appropriation of $1,500,000 for construction of a main hospital unit at the Napa State Hospital is proposed in a bill introduced in the legislature by State Senator Frank L. Gordon. A single building to accommodate 400 patients, operating rooms, etc., would be constructed.

Plans Being Completed

WARD ADDITION Cost, $20,000
SALINAS, Montercy Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition at County Hospital (22 bed unit), composition roof, wood floors, steam heating system to connect to central heating plant, etc.
Owner—County of Monterey.
Architect—Charles Butner, 51 Maple St., Salinas.
Final plans will be submitted to the Board for approval on February 3.

10— HOTELS

January 18, 1935

Plans Being Prepared.

ALTER HOTEL Cost, $——
SAN FRANCISCO. NW Post and Stockton Streets.
Alterations to ground floor of Plaza Hotel (work involves structural steel; new barroom, new fixtures, marble, tile work, etc.)
Owner — Pacific States Savings and Loan Association.
Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Sub-Contracts Awarded.

ADDITIONS Cost, $5000
SAN FRANCISCO. No. 386 Geary St.
Add seven baths and showers in hotel (re-tiling, etc.)
Owner—Fielding Hotel, 385 Geary St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Mill Work—Pacific Mfg. Co., Monadnock Bldg.
Glass—W. P. Fuller & Co., 301 Mission Street.
Tile Work—Malott & Petersen, 20th and Harrison Streets.
Plumbing—Scott Co., 243 Minna St.

Contract Awarded.

BAR Cost, $15,000
SAN FRANCISCO. Mason and California Streets.
Construct new bar in Palm Court of Mark Hopkins Hotel.
Owner—Mark Hopkins, Hotel.
Architect—W. P. Day, Financial Center Building.
Contractor—Braas & Kuhn, 1917 Bryant Street.

11—ICE AND COLD STORAGE PLANTS

PLANS BEING FIGURED

COVINA, Los Angeles Co., Cal.—Architect W. W. Ache, 1616 4th Ave., Los Angeles, is taking bids until Jan. 26, for erection of a pre-cooling building at Irwindale, near Covina, for the Irwindale Citrus Association. The building will be of reinforced concrete construction, concrete floors, composition roofing, heat insulation, etc. Separate bids are being taken for air conditioning equipment and refrigeration.

PLANNED.

AZUSA, Los Angeles Co., Calif.—Azusa Citrus Assn., Harry Kurrie, manager, 801 Alameda Ave., Azusa, is having plans prepared for a new pre cooling plant to be erected in Azusa Details will be announced in about two weeks.

12— POWER PLANTS

ALLOTMENT APPROVED.

YELLOWSTONE PARK, Wyo.—The Federal Public Works Administration has approved an allotment of $237,000 to the National Park Service, 409 Underwood Bldg., San Francisco, for improving and expanding the local hydro-electric plant and a new hydro-electric plant located on Panther and Indian creeks to generate 800 kw.

PLANNED.

CRESCENT CITY, Del Norte Co., Cal.—The Crescent City City Council has completed application to the Federal Power Commission and the State Division of Natural Resources for permission to construct a hydro-electric plant at a power dam site on the south fork of Smith River, 15 miles east of the city. Volney C. Finch, Stanford University, is engineering consultant.

BIDS OPENED

SAN FRANCISCO.—Ocean Shore Iron Works, 550 8th St., at $2,273 submitted low bid to Department of Public Works for the installation of a condensate oil removal filter in the steam generating plant at the Laguna Honda Home, San Francisco. Only other bid was submitted by Fred. W. Snook Co., at $4,504.
Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 30, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public W'ks, Room 251, City Hall, for the installation of gas burner equipment in the steam generating plant at the Laguna Honda Home.
Specifications may be obtained from John J. Casey, City Engineer, Room 357, City Hall. No deposit required.
Following have been invited to submit bids:
E. A. Cornely, Inc., 1452 Bush St.
Staples & Pfeiffer, 528 Bryant St.
Natural Gas Equipment Co., 1123 Harrison St.
Coen Company, 915 Bryant St.
Peninsula Burner & Oil Co., 885 Harrison Street.
Hunt Mirk Co., Inc., 141 Second St.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PLANNED

WASHINGTON STATE—Olaf Olsen, Director of Business Control, Spokane, has filed a ten-year building program with the Governor of Washington giving $7,695,000 as the necessary amount required for improvements to State Buildings and Institutions. Projects recommended include:
Medical Lake—$650,000; school for feeble-minded.
Vancouver, Wash.—$65,000; power house and dormitory at state school for blind.
Fort Stellacoom—$1,375,000; new ward buildings, etc.
Medical Lake—$1,354,000; new ward buildings etc.
Sedro-Woolley—$850,000; new ward buildings.
Olympia—$750,000; two new buildings for capitol group.
Walla Walla—$451,000, enlarge prison chapel, additional cell space, central kitchen and dining room.
Grand Mound—$65,000; school building with recreation hall at State Home for girls.
Chehalis—$100,000 hospital and administration building at State Training School.
Orting—Replace barracks and construct power house at Soldiers' Home (cost not stated).
Retsil—$554,000; replacement of barracks at Veterans' Home.

CONTRACT AWARDED.

SANTA ANA, Orange Co., Cal.—Ball & Honer, 103 E. Third St., Santa Ana, awarded contract by Santa Ana city council at $114,980, for construction of the new city hall at Third and Main Sts., Santa Ana. Public Works Administration has approved the contract and construction will start within a few days. Will be a 3-story and basement, Class B structure; reinforced concrete frame, wood floor joists and roof construction, cast stone exterior, composition roofing, steel windows, marble and tile work, etc. W. H. Austin and H. C. Wildman, Spurgin Bldg., Santa Ana, architects.

14— RESIDENCES

Plans To Be Prepared.

SORORITY HOUSE Cost, $20,000
BERKELEY, Alameda Co., Cal., Bancroft and Warring Avenue.
Two-story frame sorority house.
Owner — Delta Delta Delta, 1735 Le Roy Ave., Berkeley.
Architect—To Be Selected.
Further details will be announced at a later date.

To Be Done By Day's Work.

RESIDENCE Cost, $4,000
SAN FRANCISCO. E. Funston Ave. 200 S Kirkham Street.
One - story and basement frame and stucco residence.
Owner and Builder—Anza Home Bldg. Co., 1598 36th Avenue.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $3,000
SAN FRANCISCO. S Felton 94 East Goettingen.
One - story and basement frame and stucco residence.
Owner and Builder—G. Carraro, 750 Felton Street.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 138 East 11th Street.
One-story frame residence (4 rooms).
Owner & Builder—Earl Bingham, 1105 Second Ave., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.

RESIDENCE Cost, $7621
BERKELEY, Alameda Co., Cal. Ridge Road.
Two - story and basement frame and stucco residence (English style).
Owner—Church Divinity School of the Pacific.
Architect—W. H. Ratcliff, Jr., Chamber of Commerce Bldg., Berkeley.
Contractor — A. Cederborg, 1455 Excelsior Blvd., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Mill Work—Lannom Brothers Planing Mill, 5th and Magnolia Sts., Oakland.
Electric—Berkeley Electric Co., 1987 Shattuck Ave., Berkeley.

Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Plumbing—B. H. Beynon, 855 53rd St., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
PITTSBURG, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (5 rooms) tile and composition roof, hardwood floors, hot air heating system, wood sash, tile bath, etc.
Owner—Withheld.
Plans by W. W. Dixon, 1844 Fifth Ave. Oakland.
Contractor—G. E. Seeno, 150 E Second St., Pittsburg.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
FRESNO, Fresno Co., Calif. 1043 Vassar Street.
One - story and basement frame and stucco residence.
Owner and Builder—Taylor - Wheeler, Inc., Power Company Building, Fresno.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. NE 26th and Noriega.
One - story and basement frame and stucco residence.
Owner—Janet D. Skelly, % contractor.
Architect—Not Given.
Contractor—Anza Home Building Co., 1598 36th Avenue.

Contract Awarded
RESIDENCE Cost, $8,000
CLARKSBURG, Yolo Co., Calif.
Two-story frame and stucco residence.
Owner—Amalgamated Sugar Co.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.
Contractor—Leonard Lund, 3240 I St.t, Sacramento.

Plans Being Prepared.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. Chabolyn District.
Two-story frame and stucco residence (6 rooms and 3 baths); Spanish style (tile roof, gas hot air heating system, hardwood floors, tile baths etc.)
Owner—Withheld.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Bids will be asked in about 10 days.

Plans Being Figured.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Berkeley Highland Terrace.
Two-story frame residence (California Colonial style) wood and stucco exterior, shake roof, hot air heating system, steel sash, etc.
Owner—Mason-McDuffie Co., 2101 Addison St., Berkeley.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.

Sub-Bids Being Taken.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Cragmont Ave. and Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner & Builder—J. M. Walker, 1700 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Prepared..
RESIDENCE Cost, $——
ROSS, Marin Co., Cal. Alta Mira Tract.
Two-story frame residence (8 rooms) California Style.
Owner — Carl F. Gromme, Masonic Bldg., San Rafael.
Architect—Carl F. Gromme, Masonic Bldg., San Rafael.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. NW Twenty-fifth Ave. and Noriega Street.
One-story and basement frame and stucco residence.
Owner—Janet D. Skelly, % Contractor.
Architect—Not Given.
Contractor—Anza Home Building Co., 1598 36th Axe., San Francisco.

Construction Postponed Indefinitely.
RESIDENCE Cost, $——
SANTA CLARA COUNTY, Cal. Cypress Avenue, 6 miles out of San Jose.
One - story and oasement frame and stucco residence (5 rooms, 1 bath) tile roof, electric heating system, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Wm. Higgins, 19 N Second St., San Jose.
On bid opening lowest bid was submitted by J. Santi, 545 Madera Ave., San Jose, at $4,316.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Fifteenth Ave. 100 N Wawona Street.
One-story and basement frame and stucco residence.
Owner and Builder—S. R. Anderson, 1433 Seventh Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portola Drive, S. F.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. Edward Dale Tract.
One-story and basement frame and stucco residence.
Owner — Betsy Miller and Isabella S. Bell-Pearson.
Architect—Not Given.
Contractor — Ralph C. Knight, 595 Bailey Ave., Mt. View.

Contract Awarded.
ALTER RESIDENCE Cost, $3000
SAN JOSE, Santa Clara Co., Cal. No. 202 S-Eleventh Street.
Alterations to frame residence.
Owner—T. C. Grubb, Premises.
Architect—Not Given.
Contractor—Guy M. Latta, 157 Rhodes Court, San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
BURLINGAME, San Mateo Co., Cal. Hillside Drive.
Two-story frame and stucco residence
Owner & Builder—Godron Hess, 1268 Cortez Ave., Burlingame.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. Spruce Street.
One-story and basement frame and stucco residence (6 rooms) shingle roof, gas heating system, hardwood floors, tile bath, wood sash, etc.
Owner—J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Plans by W. W. Dixon, 1844 Fifth Ave., Oakland.

Preparing Plans.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. Harvard Avenue.
Two-story frame and stucco residence Italian Style; (sevent rooms and 2 baths); tile roof, etc.
Owner—George Ferroggiaro, 811 32nd Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portola Drive., San Francisco.
Bids will be asked in about two weeks.

Plans Being Prepared.
RESIDENCE Cost, $3500
SAN FRANCISCO. Presidio District.
Alterations to two-story frame and stucco residence (work involves plumbing, heating, painting, c
Owner—Withheld.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.

15— SCHOOLS

BIDS WANTED
SAN RAFAEL, Marin Co., Cal.—Until February 14, bids will be received by the San Rafael Board of Education for the sale of the grammar school property fronting 260 feet on E Street, 295 feet on Fourth St. and 150 ft. on Shaver St., together with the buildings on site. The estimated value of the property is $42,-925.
Upon sale of property and buildings an announcement will be made relative to new construction.

Plans Completed.
SCHOOL Cost, $——
SAN FRANCISCO. Geary and Scott Streets.
Restoration of portion of Girls' High School (portion recently destroyed by fire).
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market Street.
Plans will be forwarded to State Division of Architecture for approval immediately.

BIDS OPENED
SAN FRANCISCO—Inlaid Floor Co., 600 Alabama Street, at $62.95 submitted only bid to Department of Public Works for installation of hardwood floors in principal's office and adjoining room at the Farragut School, Holloway near Faxon Ave. Approximately 375 square feet are involved. Materials to be $\frac{3}{8}$x2 select plain oak; border of same; two nails to each board, 7 inches apart. One coat of paste filler, color as selected, two coats of shellac; one coat of wax.
Bids held under advisement.

LOW BIDDER.
COSTA MESA, Orange Co., Cal.—Cresmer Mfg. Co., 2601 Third Street, Riverside, submitted low normal general contract bid to the Board of Public Building Reconstruction at $58,-256 for construction of a new administration and classroom building and reconstructing a six classroom building on the Costa Mesa grammar school site. Other low bidders were: Hickman Bros., 910 E. Anaheim St., Long Beach, plumbing, $6990; Allen Trusty & Sons, 211 N. Main St., Santa Ana, electric wiring, $3675. H. E. Mackie, architect and John P. Perrine, Western Pacific Bldg., Long Beach.

CONTRACT AWARDED.
LONG BEACH, Cal.—R. E. Campbell, Central Bldg., Los Angeles, has been awarded general contract (using salvaged materials) by Long Beach board of education at $100,256 for the construction of Robert Louis Stevenson school. Other contracts awarded were: E. Willardson, 2407 Tesla Terrace, Los Angeles, plumbing and heating at $6720; Coast Electric Co., 2350 Cedar Ave., Long Beach, electric wir-

ing at $5382. A. J. Smith, engineer, 3726 Lemon Ave., and C. N. Aldrich, architect, 1831 Dawson Avenue, Long Beach.

Plans Being Figured—Bids Close Feb. 8, 3 P. M.

DORMITORY Cost, $100,000
OAKLAND, Alameda Co., Cal. Mills College Campus.
Two-story dormitory (wood frame construction; 60 beds).
Owner—Mills College.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.
Supt. of Constr.—John Brown, Mills College, Oakland.
Mechanical Engr.—Leland & Haley, 58 Sutter St., San Francisco.

Segregated bids are being received by Mr. John Brown, Mills College, on all portions of the work excepting electric, plumbing, carpentry and plastering which will be done by the owner.

BIDS WANTED.

LOS ANGELES, Cal.—Until Feb. 5, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstructing, rehabilitating and strengthening the main and auditorium buildings, designated as Group No. 1, at the Thomas A. Edison junior high school. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Building, architects, and Murray Erick, 811 W. 7th St., structural engineer. Cost $175-000. Bids received January 10 for this project, including the physical education buildings, were rejected.

January 21, 1935

CONTRACT AWARDED

SAN FRANCISCO—M. Jukicevich, 666 Mission St., at $1373 awarded contract by Department of Public Works for general repairs to the Bay View School, located on the southwest corner of Bayview and Flora Streets.

BIDS WANTED.

BAKERSFIELD, Kern Co., Calif.—Until February 5, 7:30 P. M., bids will be received by Florence C. Porter, Secretary, Bakersfield School District, 1600 K St., Bakersfield, for rough concrete for the Fremont School underpass at 17th Street and Union Ave., Bakersfield.

Plans and specifications may be obtained from Architect Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

BIDS WANTED.

VAN NUYS, Los Angeles Co., Cal.—Until February 13, 11:30 A. M., bids will be received by the purchasing bureau of the Los Angeles board of education, 1425 S. San Pedro Street, for the reconstruction, rehabilitation and strengthening of the annex building at the Van Nuys elementary school 6464 Sylmar Street. Plans were prepared by the architectural division of the board; A. S. Nibecker, Jr., architect, and W. D. Coffey, structural engineer. Cost, $30,000.

SCHOOL Cost, $300,000
SAN FRANCISCO, 150 Brompton St. (Glen Park School).
Two-story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Building.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer—Robert L. St. John, 544 Market Street.

Work involves:

Excavation and grading; plain and reinforced concrete; structural steel; roofing and membrane waterproofing; masonry and architectural terra cotta; sheet metal and metal covered work, metal furring, lathing, interior and exterior plastering; marble-work, tile work; terrazzo work, acoustical tile ceilings; miscellaneous iron and bronze work; glass and glazing, finish hardware; kitchen equipment; metal fencing, window shades, stage equipment and draperies linoleum flooring.

Low bids follow:

General Work—MacDonald and Kahn, Financial Center Bldg. (Items 1 and 2); James L. McLaughlin, 251 Kearny St. (Item 3.)

Electrical Work—NePage - McKenny Co., 7 Front Street.

Mechanical Work—Scott Co., 243 Minna Street.

Complete bids follow:

(1) Work complete;
(2) Omitting auditorium wing;
(3) Omitting auditorium and kindergarten wings.

(A) MacDonald & Kahn	(1)	$223,322
	(2)	186,999
	(3)	176,999
(B) Jas. L. McLaughlin	(1)	$225,789
	(2)	188,729
	(3)	176,248
(C) Dinwiddie Const. Co.	(1)	$226,900
	(2)	190,900
	(3)	180,300
(D) Frank J. Reilly	(1)	$227,331
	(2)	192,331
	(3)	179,931
(E) O. Monson	(1)	$231,171
	(2)	190,392
	(3)	177,771
(F) K. E. Parker Co.	(1)	$235,766
	(2)	197,547
	(3)	185,370
(G) William Spivock	(1)	$236,400
	(2)	199,200
	(3)	186,900
(H) Leo Epp	(1)	$236,889
	(2)	200,889
	(3)	189,477
(I) Anderson & Ringrose	(1)	$245,000
	(2)	204,563
	(3)	192,459
(J) H. C. Vensano	(1)	$262,770
	(2)	219,839
	(3)	207,667

Electrical Work

NePage - McKenny Co.	(1)	$12,847
	(2)	9,800
	(3)	9,650
B. J. Doherty	(1)	$12,860
	(2)	9,880
	(3)	9,760
Severin Electric Co.	(1)	$12,878
	(2)	9,946
	(3)	9,860
Strom & Smith	(1)	$13,101
	(2)	10,000
	(3)	9,940
H. C. Reid & Co.	(1)	$13,233
	(2)	10,040
	(3)	9,998
Paragon Electric Co.	(1)	$13,326
	(2)	10,0[illegible]
	(3)	10,0[illegible]
Central Electric Co.	(1)	$13,[illegible]
	(2)	10,2[illegible]
	(3)	10,0[illegible]
Scott-Buttner Co.	(1)	$13,60[illegible]
	(2)	10,418
	(3)	10,398
Victor Lemoge	(1)	$13,712
	(2)	10,4[illegible]
	(3)	10,4[illegible]
Abbett Electric Co.	(1)	$13,720
	(2)	10,500
	(3)	10,0[illegible]

Mechanical Equipment

Scott Company	(1)	$23,89[illegible]
	(2)	18,6[illegible]
	(3)	18,080
James A. Nelson	(1)	$24,497
	(2)	19,519
	(3)	18,997
Fred. W. Snook	(1)	$25,421
	(2)	20,049
	(3)	19,228
Skelly & Kohler	(1)	$25,575
	(2)	20,731
	(3)	20,090
Herman Lawson Co.	(1)	$26,005
	(2)	21,6[illegible]
	(3)	20,791
Anderson & Howe	(1)	$26,000
	(2)	20,473
	(3)	18,545
M. J. Reeves Heating Co.	(1)	$26,664
	(2)	21,276
	(3)	20,766
Alta Elec. & Mech. Co.	(1)	$23,960
	(2)	25,9[illegible]
	(3)	25,415

Quantities and unit prices follow:

(1) Excavating and backfilling from natural grade to depth of 4 ft. add;
(1a) do, deduct;
(2) Excavating and backfilling to a depth of 8 ft., add;
(2a) do deduct;
(3) Excavating and backfilling to a depth of 12 ft., add;
(3a) do, deduct;
(4) Excavation and backfilling to a depth of 16 ft., add;
(4a) do, deduct;
(5) Class A concrete, add;
(5a) do, deduct;
(6) Class B concrete, add;
(6a) do, deduct;
(7) Class C concrete, add;
(7a) do, deduct;
(8) Class D concrete, add;
(8a) do, deduct;
(9) Reinforcing steel, per lb., add.
(9a) do, deduct;
(10) Linoleum, per sq. yd., laid, add.
(10a) do, deduct;
(11) Cement topping, per sq. yd., laid add;
(11a) do, deduct;
(12) Concrete yard base and asphalt paving per sq. yd., laid, add
(12a) do, deduct.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 1.50	$ 1.50	$ 1.25	$ 2.00	$ 2.00	$ 1.75	$ 1.50	$ 2.00	$ 2.00	$ 2.50
(1a)	.40	.30	.30	.75	.50	.40	.30	.35	.25	.40
(2)	2.50	2.00	1.75	2.40	3.00	3.50	2.50	3.00	3.00	2.50
(2a)	.50	.30	.30	1.00	.75	1.00	.30	.35	.25	.40
(3)	3.00	3.00	2.25	4.00	6.00	5.00	5.00	4.50	5.00	3.00
(3a)	.60	.35	.30	1.25	1.00	1.50	1.00	.40	.25	.40
(4)	4.00	4.00	3.00	6.00	9.00	9.00	6.00	8.00	8.00	3.50
(4a)	.80	.40	.30	2.00	1.25	1.50	1.00	.40	.25	.40
(5)	27.50	19.00	20.00	18.00	20.00	20.00	20.00	22.00	23.00	19.00
(5a)	6.00	8.00	10.00	9.00	8.00	7.00	8.00	7.50	8.00	13.00
(6)	27.50	20.00	19.00	18.00	21.00	20.00	21.00	24.00	25.00	19.00
(6a)	6.00	8.00	9.00	10.00	8.00	7.00	8.00	9.00	8.00	13.00
(7)	25.00	18.00	21.00	16.00	18.00	19.00	20.00	22.00	22.00	18.50
(7a)	5.00	7.50	10.00	8.00	6.00	6.00	8.00	7.00	7.00	13.00
(8)	24.00	18.00	18.00	12.00	8.00	10.00	18.00	22.00	20.00	12.00
(8a)	4.50	7.50	8.00	6.00	2.00	5.00	6.00	7.00	6.00	7.50
(9)	.06	.05	.05	.07	.05	.05	.05	.08	.055	.045
(9a)	.02	.025	.03	.03	.025	.02	.02	.035	.02	.035
(10)	3.00	2.50	2.25	2.00	3.00	2.50	2.25	2.75	3.00	2.50
(10a)	1.00	1.25	1.40	1.50	1.25	1.50	1.50	1.25	1.25	1.75
(11)	.50	.75	.60	.80	.90	.75	.80	.90	.90	.60
(11a)	.12	.15	.30	.40	.25	.25	.25	.30	.15	.30
(12)	2.50	1.50	1.25	2.00	2.00	2.00	1.75	2.00	2.25	1.50
(12a)	1.00	.60	.75	1.00	.50	.50	.50	.70	.50	1.00

MacDonald and Kahn submitted the following prices for machine work: (1) $.85; (1a) $.20; (2) $.95; (2a) $.25; (3) $1.00; (3a) $.30; (4) $1.25 (4a) $.40.

CONTRACT AWARDED

SACRAMENTO, Cal.—Fred E. Turner, 557 Market St., San Francisco, at $2107.91 awarded contract by the Sacramento Board of Education for furnishing auditorium furnishings at the Bret Harte, Coloma, Newton Barth, Donner and Sierra Schools in Sacramento.

LOW BIDDERS

SANTA ANA, Orange Co., Cal.—Blystone & Van Tuyle, Brea, submitted low bid on general contract to the Board of Public Building Reconstruction, at $40,730, for constructing block "D" at Santa Ana High School site. Other low bidders were: Allan Black & Sons, 5063 Hollywood Blvd., Los Angeles, heating and ventilating at $3333; Cave Electric Co., 2107 N. Ross St., Santa Ana, electric wiring at $2656; Allan Black & Sons, plumbing at $4565. Allison & Allison, 1014 Edison Bdg., Los Angeles, architects.

LOW BIDDERS

SANTA ANA, Orange Co., Cal.—Thermon Means and Ball & Honer, 611 E. First St., Santa Ana, submitted low bid on general contract to Board of Public Building Reconstruction at $288,965, for constructing block "A" at Santa Ana High School. Other low bids were: Johnston & Washer, 1706 N. Spring St., Los Angeles, heating and ventilating at $23,082; Cave Electric Co., 2107 N. Ross St., Santa Ana, electric wiring at $23,021; Hickman Bros., 471 Eighth St., San Pedro, plumbing at $10,198. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

LOW BIDDER

LOS ANGELES, Cal.—Easton & Nesser, 4822 W. Jefferson St., submitted low bid to Los Angeles Board of Education at $92,000 for the reconstruction, strengthening and rehabilitation of domestic science building, main building addition, and main building (1929 addition) at the David Starr Joran High School, Watts. Sumner P. Hunt, architect and Wm. Mellema, structural engineer.

Funds Allotted.

LIBRARY Cost, $350,000

EUGENE, Oregon. Campus of University of Oregon.

Three-story and basement library (136 by 164 ft.) Romanesque style; tapestry brick exterior, cast stone, tar and gravel roof, some marble, central heating plant, concrete slab floors, acoustical treatment, book conveyors, electric elevator, two fire doors, tile, linoleum, cork and rubber flooring ,hollow tile partitions, structural steel, temperature regulators, vault doors, weather stripping, etc.

Owner—State of Oregon.

Architect—Lawrence, Holford & Allyn Failing Bldg., Portland.

PWA has allotted $350,000 (loan and grant) to finance construction.

BIDS REJECTED.

LOS ANGELES, Cal.—Los Angeles board of education rejected all bids for reconstructing the main building, auditorium building (1927 addition), and boys' and girls' physical education buildings at Thomas A. Edison Junior high school. The main building and auditorium building will be readvertised immediately (estimated cost is $175,000) and the physical education buildings will be deferred until the other structures are practically completed. A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., architects and Murray Erick, 811 W. 7th St., structural engineer.

Preparing Working Drawings.

HIGH SCHOOL Cost, $39,200

COVELO, Mendocino Co., Calif.

One-story frame and stucco academic building and one-story frame gymnasium.

Owner—Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).

Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

CONTRACT AWARDED.

LOS ANGELES, Cal.—Geo. Mittry, 122 South Avenue 20, awarded contract at $36,007 by Los Angeles board of education for the erection of a new frame and stucco main building at the Chatsworth Park school site, 22,025 Devonshire St., Van Nuys Dist. The building will be 56x152 ft. in area; composition roofing, metal roof vents, wood transom windows, ornamental iron railings, stucco urns, cement and wood floors, etc. Frank P. Allen, Jr., 603 Architects' Bldg., architect, and Murray Erick, 811 W 7th, structural engineer.

BIDS OPENED

SAUSALITO, Marin Co., Cal.—Following submitted identical bids at 428 for materials for fences and $93 for the erection of fences and walls at the South School, Sausalito:

Michel & Pfeffer Iron Works, San Francisco.
Marin Hardware Co., Sausalito.
Kamlan Fence Co., San Francisco.
Sausalito Hardware Co.
Marin Lumber Co., Sausalito.
Standard Fence Co., San Francisco.
All bids held under advisemennt.

Plans Being Completed.

DORMITORY Cost, $100,000

OAKLAND, Alameda Co., Cal. Mills College Campus.

Two-story dormitory (wood frame construction; 60 beds).

Owner—Mills College.

Architect — W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.

Supt. of Constr.—John Brown, Mills College, Oakland.

Mechanical Engr. — Leland & Haley, 58 Sutter St., San Francisco.

Segregated bids will be taken by Mr. John Brown within one week.

Plans Awaiting PWA Approval.

AUDITORIUM Cost, $24,700

LE GRAND, Merced Co., Calif.

One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.

Owner—Le Grand Union High School District.

Architect—W. H. Weeks, 525 Market Street, San Francisco.

Upon approval of plans bids will be asked on a general contract with separate bids for heating.

BIDS WANTED

LOS ANGELES, Cal.—Until February 7, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for reconstruction(rehabilitation and strengthening of the main brick building at the Twenty-fourth Street School, 2055 W. 24th St. Kemper Nomland, 615 Architects' Bldg., Architect, and Clyde C. Deuel, 405 Douglas Bldg., Structural Engineer. Cost, $35,648.

BONDS VOTED.

SANTA BARBARA COUNTY, Cal. Santa Ynez Valley Union High School District affirmed a $65,000 bond issue to secure a government loan recently approved by the PWA to finance the erection of a new school plant. Total cost of the improvements is estimated at $93,600, a grant of $28,600 having also been approved. The plant will consist of an administration and classroom building, home economics building, central heating plant and a shower and locker room building. They will be wood frame and stucco structures with tile roofs. E. K. Lockard, 117 E. De la Guerra, Santa Barbara, architect.

Award Pending.

SCHOOL Cost, $60,000

HEALDSBURG, Sonoma Co., Calif.

One- and two-story wing addition to high school; reinf. concrete (structural steel frame) composition roofing, steam heating system, maple floors, etc.; gymnasium, music department, 3 classrooms, alterations, etc.

Owner—Healdsburg High School Dist.

Architect—John I. Easterly, 302 Grant Street, Healdsburg.

George Petersen, 1841 Bancroft Ave. San Leandro, recommended for award of the above project has requested that he be allowed to withdraw his bid. Request has been forwarded to Washington for consideration.

Construction To Start In One Week.

SCHOOL Cost, $3500

BERRY CREEK, Butte Co., Calif.

One - story wood frame school building (one classroom) shingle roof, wood floors.

Owner—Berry Creek School District.

Architect—Geo. Sellon, California State Life Bldg., Sacramento.

Work will be started in one week under the SERA.

Contract Awarded.

IMPROVE SCHOOL Cont. Price, $2,130

SANTA CRUZ, Santa Cruz Co., Cal. Live Oak School District.

Addition to Live Oak School (add two classrooms, each to be 32 ft. sq.) frame and stucco construction, shingle roof.

Owner—Live Oak School Dist. (Frank A. Anderson, Clerk) Box 697, Rte. 2, Santa Cruz.

Architect—W. E. Higgins, 19 N Second Street, San Jose.

Contractor—W. J. Woody, Chanticleer Ave., Santa Cruz.

Complete bids follow:
(1) one classroom;
(2) two classrooms.

W. J. Woody, Santa Cruz	(1)	$2,130.60
	(2)	4,229.74
W. H. Nunes, Soquel	(1)	$2,374.00
	(2)	4,496.00
P. T. Walstrum, Watsonville	(1)	$2,400.00
	(2)	4,684.00
Wilson & Roberts, Santa Cruz	(1)	$2,466.00
	(2)	4,895.00
Palmer & Balsinger, Santa Cruz	(1)	$2,497.00
	(2)	4,838.00

CONTRACTS AWARDED.

BERKELEY, Alameda Co., Calif.—Berkeley Board of Education awarded the following contracts for materials for the reconstruction of the Thousand Oaks School, Tacoma and Colusa Sts., Berkeley:

Lumber — Melrose Lumber Co., 1201 46th Ave., Oakland, $1,357.73.

Reinforcing Steel—McGrath Steel Co., Hobart Bldg., Oakland, $383.29.

Miscellaneous Iron—Independent Iron Works, 821 Pine St., Oakland, $1,794.10.

Plumbing—Crane Co., 301 Brannan St San Francisco, $2,059.63.

Rough Hardware—E. K. Wood Lumber Co., Frederick and King Sts., Oakland, $193.85.

Mill Work—Tilden Lumber & Mill Co. 400 High St., Oakland, $601.01.

Building Paper—Transit Concrete Co., 2500 Peralta St., Oakland, $45.00.

Lath and Plaster—Contra Costa Bldg Materials Co., 2824 Shattuck Ave..

Berkeley, $1,338.72.

Electrical Supplies—Crescent Electric Co., 2339 Telegraph Ave., Oakland $481.58.

Finish Hardware—Associated Hdwe. Co., 3860 San Pablo Ave., Oakland $740.70.

Paint—National Lead Co., Harrison & 10th Sts., Oakland, $141.48.

Glass—W. P. Fuller & Co., 259 Tenth St., Oakland, $258.68.

Blackboards and Cork Carpet—Rucker Fuller Co., 1922 Franklin St., Oakland, $100.00.

Complete bids published Jan. 11.

Bids Wanted—To Close Feb. 19, 8:30 P. M.

REPAIR SCHOOL Cost, $20,000
CROCKETT, Contra Costa Co., Calif.
Repairs and earthquake-proofing of Carquinez Grammar School (brick walls, timber roof trusses, maple floos, etc.)
Owner—Carquinez School District.
Engineers—H. D. Dewell and A. W. Earl, 55 New Montgomery Street, San Francisco.
Constulting Architect—Henry H. Gutterson, 526 Powell St., San Francisco.

Plans and specifications may be obtained from the engineers upon deposit of $25.00.

16—BANKS, STORES AND OFFICES

BIDS OPENED

SAN FRANCISCO.—Braas & Kuhn, 1917 Bryant St., at $64.00 submitted low bid to the Department of Public Works for one graph panel.

Complete bids follow:

Braas & Kuhn	$ 64.00
Fink & Schindler	98.50
A. S. Gough	180.00
R. Brandlein	196.00
John Schmid	230.00

Bids held under advisement.

Contract Awarded.

ADDITION Cost, $7,000
SAN JOSE, Santa Clara Co., Cal. 1342 Naglee Avenue.
Addition to administration building
Owner—Rosicrucian Order, premises.
Plans by Engineering Dept. of Owner.
Contractor—Paul N. Anderson, 1210 Lincoln Ave., San Jose.

PLANNED

LOS ANGELES, Cal.—Assemblyman Chas. A. Hunt last week introduced a bill in the state legislature calling for the expenditure of $600,000 for adding two wings to the state office bldg. in Los Angeles. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., were the architects for the existing building.

CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Cal.—Wilson Bros., 832 Euclid Ave., Santa Monica, awarded contract for erection of a reinforced concrete and steel publishing building near Fourth St. and Arizona Ave., Santa Monica, for the Santa Monica Outlook; S. G. McClure, publisher. All work is included in the general contract. John and Donald B. Parkinson, 808 Title Insurance Bldg., Los Angeles, architects. Will be a one-story and part two-story Class A structure, approximately 75x125 feet in area.

Complete Bids.

COMPLETE BLDG. Cost, $250,000
SEATTLE, Wash. W Third Avenue bet. Madison and Spring Streets.
Finish sub-basement, basement, first and second floors of City Light Bldg. (terra cotta exterior walls, reinforced concrete construction, plate glass, display windows, bronze trim, aluminum grilles, rolling steel doors, hydraulic elevator, etc.)
Owner — City of Seattle.
Architect — Earl Morrison, Textile Tower, Seattle.
Low Bidder—Sound Constr. & Engr. Co., Seattle.

Complete bids follow:

Sound Constr. & Engr. Co.	$286,240
Hoard Engineering Co.	286,578
A. F. Mowat	289,800
Warrack Constr. Co.	292,000
George Schuele	292,980
J. J. Lohrenz, Spokane	293,242
Howard S. Wright Co.	293,300
Western Constr. Co.	293,473
A. D. Bellanger	296,850
Ive Construction Co.	299,300
Peder Gjarde	299,545
Pioneer Constr. Co.	299,713
Teufel & Carlson	305,000
Scheble Constr. Co.	314,000

Planned.

ALTER STORE Cost, $——
SAN FRANSISCO. E Mission St., bet. 22nd and 23rd Streets.
Alterations to store and market building (45x122 feet) modernize for markets, etc.
Owner — Martin Stelling, 333 Montgomery St., San Francisco.
Architect—Not Given.

Further details will be announced shortly.

Contract Awarded.

OFFICES Cost, $8000
MODESTO, Stanislaus Co., Cal. 12th and K Streets.
One-story reinforced concrete office building (Spanish Style) tile roof, vaults, etc.
Owner — Farmers' Mutual Fire Insurance Co. (E. W. Morrow, Mgr.), Turlock.
Architect — G. N. Hilburn, 1213 I St., Modesto.
Contractor — Ira Cotner, Rt. 4, Box 1209, Modesto.

Heating and linoleum bids still held under advisement.

Plans Completed.

ALTERATIONS Cost, $5000
SAN FRANCISCO. NO. 1000 Point Lobos Ave. (Sutro Baths).
Alterations to amusement center and baths.
Owner—Adolph G. Sutro, 100 Point Lobos Ave., San Francisco.
Engineer—Jesse Rosenwald, 524 Market St., San Francisco.

Contract Awarded.

ALTER STORE Cost, $2000
SAN FRANCISCO. 708 Kearny St.
Alterations to store building.
Owner—Stanley C. Howard, % Contractor.
Architect—Not Given.
Contractor — Albert A. Ragge, 1474 30th Ave., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $1566
OAKLAND, Alameda Co., Cal. 17th St. and Broadway.
Alterations to building.
Owner — Pacific Gas & Electric Co., Premises.
Plans by Engineering Dept. of Owner.
Contractor—Geo. J. Maurer, 50 York Drive., Piedmont.

Contract Awarded.

ADDITION Cost, $2000
OAKLAND, Alameda Co., Cal. No. 950 Sixty-first Street.
Brick addition to building.
Owner—Ralph N. Brodie Co., Prem.
Architect—Not Given.
Contractor—S. M. Shapiro, 1849 Arch St., Berkeley.

Plans Being Figured.

ALTER BANK Cost, $——
SAN FRANCISCO. Haight and Fillmore Streets.
Alterations to branch bank (work involves new vault, remodel front, rearrange bank fixtures, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner.

Bids are being received on the following:

(1) Reinforcing steel.
(2) Concrete.
(3) Metal windows.

Date of opening bids has been extended from January 22. No definite date has been set as yet.

Planned.

BAR Cost, $——
PEBBLE BEACH, Monterey Co., Cal.
Bar room at the Pebble Beach Inn.
Owner—Del Monte Properties, 620 Market St., San Francisco.
Architect—Clarence Tantau, 210 Post St., San Francisco.

Plans Being Prepared.

ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. North First St. and Santa Clara.
Alterations to building.
Owner—Estate of Jas. D. Phelan, 603 Phelan Bldg., San Francisco.
Architect—Wm. I. Garren 233 Post St., San Francisco.

Further details will be made at a later date.

To Be Done By Day's Work.

ALTERATIONS Cost, $1500
SAN FRANCISCO. 210 Mission Street.
Alterations to lofts and salesroom.
Owner—Title Insurance & Guaranty Co., 325 Fremont Street.
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $2,000
SAN FRANCISCO. 139 Geary Street.
Alterations to store.
Owner—Harry Wallach, 139 Geary St.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded.

ALTERATIONS Cost, $1200
SAN FRANCISCO. 145 Geary Street.
Alterations to store.
Owner—Jeromes, 145 Geary Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded.

ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 658 Market Street.
Alterations to office building.
Owner—Hanford-Waldorf, 658 Market St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—Stoneson Brothers, 1630 Ocean Ave., San Francisco.

Planned.

ALTER MARKET Cost, $——
SAN JOSE, Santa Clara Co., Calif. First and Second Sts. south of San Antonio.
Alterations and reconstruction of market (43x192 feet).
Owner—Louise S. Martin, 301 S. Fifth St., San Jose.
Architect—Not Given.

Further details will be announced shortly.

To Be Done By Day's Work.

ADMINISTRATION BLDG. $7500
SACRAMENTO, Sacramento Co., Cal. Municipal Airport.
One-story corrugated iron administration building at the Airport (felt roof, hardwood floors, etc.)
Owner—City of Sacramento.

Architect—Charles Dean California State Life Bldg., Sacramento.
Work will be done by SERA.

Sub-Contracts Awarded.
ALTER STORE Cost, $5,000
SAN FRANCISCO, 895 Market Street.
Alterations to store building.
Owner—The Owl Drug Co., 657 Mission Street.
Plans by Engineering Dept. of Owner.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.
Plastering—San Francisco Plastering Company.
Electric—Carl Severin, 172 Clara St.
Lumber—J. H. McCallum Lumber Co., 748 Bryant Street.
Plumbing—Fisher and Wolfe, 205 Tahama Street.

Structural Steel Contract Awarded.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Cal. SE Broadway and Thirteenth St.
Two-story steel and concrete office building (to contain 45,000 square feet of floor space).
Owner—Chas. Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agene — Lionel Wachs Co., Bank of America Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
Structural Steel—Herrick Iron Works. 18th and Campbell Sts., Oakland.
Plans are being completed and sub-bids will be taken on other portions of the work shortly.

Low Bidders.
COMPLETE BLDG. Cost, $250,000
SEATTLE, Wash. W. Third Avenue bet. Madison and Spring Streets.
Finish sub-basement, basement, first and second floors of City Light Bldg. (terra cotta exterior walls, reinforced concrete construction, plate glass, display windows, bronze trim, aluminum grilles, rolling steel doors, hydraulic elevator, etc.)
Owner—City of Seattle.
Architect—Earl Morrison, Textile Tower, Seattle.
Low Bidder—Sound Const. and Engr. Co., Seattle.
Three low bids follow:
Sound Const. & Engr. Co., Seattle $286,241
Hoard Engr. Co., Seattle..... 286,978
A. F. Mowat, Seattle..... 289,800

Contract Awarded.
REPAIR BLDG. Cost, $4,000
SACRAMENTO, Sacramento Co., Cal. 1714 L Street.
Repairs to building.
Owner—T. J. Hanrahan, premises.
Architect—Not Given.
Contractor—Frank Maloney, 3172 T St., Sacramento.

PREPARING PLANS.
SANTA MONICA, Cal.—Architects Morgan, Walls & Clements, 1135 Van Nuys Bldg., Los Angeles, are preparing working plans for a new market building to be erected on the southeast corner of Wilshire Blvd. and Third St., Santa Monica, for Ralphs Grocery Co. A two-story warehouse will be built at the rear of the market, total ground area covered by the two structures will be 100x145 feet. Reinforced concrete walls, wood roof trusses, composition roofing, concrete floors, concrete-paved parking area, steel windows, tile bulkheads, market doors, refrigeration system, electric heaters, etc. Estimated cost $60,000. The plans will probably go out for bids the latter part of this week.

PLANNED.
SACRAMENTO, Calif. — Bill introduced in state legislature by Assemblyman Ellis E. Patterson of Monterey county proposes appropriation of $50,000 for remodeling state assembly chambers and installation of an electric "flash" system of vote recording. Electric recorder to cost $23-000 would be installed during legislative recess to permit use in second half of session. Remodeling is planned after adjournment.

Plumbing Contract Awarded.
REMODELING Cost, $8,000
SAN FRANCISCO, N Chestnut St. W Fillmore Street.
Remodel lower portion of apartments for three stores (work involves unit tile front, plate glass, chromium bars, electric heat, tile toilets, all metal furring and lathing, steel sash, wood flooring, hardwood in show windows, etc.)
Owner—Anglo California Bank.
Architect—S. Heiman, 605 Market St.
Contractor—Jacks and Irvine, 74 New Montgomery Street.
Plumbing—E. Sugarman, 3624 Geary.

17— THEATRES

Plans Completed.
ALTER THEATRE Cost, $——
SAN JOSE, Santa Clara Co., Calif. 263 North First Street.
Alterations and additions to theatre building (known as the American Theatre) removal of ramp to balcony, new stairway, decorating.
Owner—Golden State Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

Planned.
THEATRE Cost, $——
LOS ANGELES, Cal. Campus of the University of Southern California.
Open air theatre (to seat 12,000).
Owner—State of California.
Architect—Allison & Allison, 601 West Fifth St., Los Angeles.
Funds for the proposed theatre are not yet available.

18— WHARVES & DOCKS

Construction Under Way.
WHARF Cost, $——
VALLEJO, Solano Co., Calif.
Timber wharf (50x300 feet) creosoted piling, etc.
Owner—Sperry Flour Co., South Vallejo.
Plans by Engineering Dept. of Owner.
Contractor—Ben. C. Gerwick, Inc., 112 Market St., San Francisco.

19—MISC. CONSTRUCTION

BOND ELECTION
HAYWARD, Alameda Co., Cal.—City of Hayward will hold an election on February 18, at which time, bonds in the amount of $57,000 will be voted to finance construction of a reinforced concrete natatorium in Memorial Park in Hayward. The PWA is making an outright grant of $15,000.

CONTRACT AWARDED.
SAN FRANCISCO—Pearson & Johnson, 2031 Bryant St., at $55 awarded contract by the Department of Public Works for moving a wood and coal house from Visitacion Valley school, Visitacion Ave. and Schwerin Street to the Horace Mann School, 22nd and Bartlett Streets.

LOAN APPROVED
OCEANSIDE, Los Angeles Co., Cal.—Public Works Administration has approved a loan and grant totaling $63,500 to finance construction of a municipal swimming pool in Oceanside. Wm. P. Lodge, California Bank Bldg., San Diego, Architect.

PLANNED.
SACRAMENTO, Cal.—The California State Fair Board of Directors will apply to Federal Public Works Administration for loan of $1,000,000 to finance extensive building program at the State Fair grounds.

FUNDS ALLOTTED
OCEANSIDE, San Diego Co., Cal.—PWA allotted $63,000 (loan and grant) to the City of Oceanside. Funds will finance construction of a construction of a concrete tile-lined swimming pool with chlorinating equipment and bath house facilities in Oceanside.

Bids Wanted—To Close January 29, 12 Noon.
CONVENIENCE STA. Cost, $——
SAN FRANCISCO. Land's End.
One-story convenience station at Land's End.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park (E. P. Lamb, Secretary).
Plans by Owners.
Plans and specifications may be obtained from above office. A certified check of not less than 10% of amount bid required with each bid.

Contract Awarded.
MORTUARY. Cost, $9000
AUBURN, Placer Co., Cal.
One-story frame, stucco and brick veneer mortuary.
Owner—Colin Hislop.
Architect — W. R. Yelland, Financial Center Bldg., Oakland.
Contractor — George W. Lawrence, 4948 10th Ave., Sacramento.

Contract Awarded.
MORTUARY Cont. Price, $10,200
SAN BRUNO, San Mateo Co., Calif.
Two-story frame and stucco mortuary (to contain mortuary, chapel and residence above) composition and tile roof, circulating heaters, hardwood floors, etc.
Owner—S. Nieri, 322 Grand Avenue, South San Francisco.
Architect—Thomas Edwards, 9 Geary Street, San Francisco.
Contractor—Jos. Bettencourt, 422 San Anselmo Ave., San Bruno.

CONTRACT AWARDED
SAN FRANCISCO—Western Wireless Co., 95 Minna St., at $632.50 awarded contract by Ninth Corps Area, Presidio, for 125 watt radio transmitter for For Miley, San Francisco. Complete bids follow:
Western Wireless Co., Ltd., San Francisco.....$ 632.50
Cohen Radio Co., Cedar Rapids Iowa 682.60
Northern Radio Co., Seattle.... 2000.00

20— MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED.
LOS ANGELES, Cal.—Contracts for furnishing reinforcing steel under Spec. No. 2037, Bid No. 31559, awarded by the Metropolitan Water District, January 18, as follows:
Truscon Steel Co., 2075 tons of rail steel reinforcement bars, under Sch. No. 1, at $106.476.
Security Materials Co., 2075 tons rail steel reinforcement bars under same schedule, at $106,476.
Soule Steel Co., 1510 tons intermediate grade billet steel reinforcement bars cut and bent, under Sched. No. 2, at $86,789.90.
Soule Steel Co., 170 tons intermediate grade billet steel reinforcement bars fabricated into hoops for siphon 913.35.
reinforcing, Schedule No. 3, at $9,-

CONTRACT AWARDED.

OAKLAND, Calif.—U. S. Pipe and Foundry Co., Monadnock Bldg., San Francisco, at $12,340 awarded contract by East Bay Municipal Utility District for furnishing 22,000 l.f. 4-in. cast iron pipe and 5,000 l.f. 5-in. cast iron pipe for the distribution system, under Proposal No. L.S. 135.

Complete bids published Jan. 11.

PURCHASE AUTHORIZED

ORANGE COUNTY, Cal.—The Orange County Supervisors have authorized the County Purchasing Agent to purchase cement for the new $170,000 storm drain by private purchase at a net price of $1.91 per bbl. The purchase will be made under the provisions of the county flood control act.

CONTRACT AWARDED

LOS ANGELES, Cal.—Okonite-Callender Co., at $23,129.12 awarded contract by the Los Angeles Water & Power Commission for furnishing lead-covered, paper-insulated cable under Specification No. 1568.

Complete bids published Jan. 8.

CONTRACT AWARDED.

LOS ANGELES, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., was awarded contract by the Metropolitan Water District January 18, at $32,250 for furnishing 25,000 ft. 30-in., 19-gauge steel pipe for the unwatering plant of the district at the San Jacinto Tunnel under Item (1) fob trucks at manufacturer's plant, Spec. No. E-152; Bid No. 31615. Bids were opened by S. A. Joseph, Purchasing Agent, January 18.

The bids were:

Western Pipe & Steel Co., (1) fob trucks, $32,250; (2) fob cars, $32,250.

Consolidated Steel Corp., (1) $34,750; (2) $35,500.

West Coast Pipe & Steel Co., (1) $36,250; (2) $37,250.

Southern Pipe & Casing Co., (1) $36,750; (2) $37,937.50.

American Pipe & Steel Corp., (1) $38,250; (2) $38,750.

Southwest Welding & Mfg. Co., (1) $43,750; (2) $45,000.

CONTRACT AWARDED.

SANTA CLARA, Santa Clara Co., Cal.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $1,956.70, delivery in 7 days, awarded contract by the Santa Clara city board of trustees, A. J. Cronin, town clerk, for furnishing approximately 1475 feet of 8-inch pipe, together with all fittings, bends, etc.

The other bids were:

Florence Pipe Foundry & Machine Co., $1,891.02, 35 days delivery.

Grinnell Co. of the Pacific, $2,036.88; 1 day delivery.

United States Pipe & Foundry, $1,851.43, 40 days elivery; $1,029.03, 1 day delivery.

American Cast Iron Pipe Co., $1,875.35, 45 days delivery; $2,069.55, five days delivery.

National Cast Iron Pipe Co., $1,902.30, 30 days delivery.

BIDS OPENED

LOS ANGELES, Cal.—Identical bids at $2.82925 per bbl., total $14,997.13, were submitted to the Los Angeles County Board of Supervisors, Jan. 21, for furnishing 5500 bbls. of Portland cement to be used in the Completion of timber facing on San Gabriel Dam No. 2.

The bidders were: California Portland Cement Co.; Graham Bros.; Monolith Portland Cement Co., Riverside Cement Co.; Southwestern Portland Cement Co., and the Blue Diamond Corp., Ltd.

CONTRACTS AWARDED

OAKLAND, Cal.—Heafey Moore Co. 344 High St., Oakland, at $.95 (Item 1) and Arlos Knapp Co., 961 41st St., Oakland, at $1.37 (Item 2) $1.37 (Item 3) and $1.32 (Item 4) awarded contracts by City of Oakland Port Commission for delivering and spreading crushed rock road materials at Outer Harbor Terminal, Oakland. Quantities follow.

(1) 4000 tons crushed rock, roadway delivery.
(2) 1800 tons do, roadway delivery;
(3) 400 tons screenings, roadway delivery.
(4) 200 tons birdseye, roadway delivery.

CONTRACT AWARDED

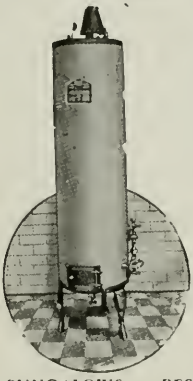
OAKLAND, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $2.748 per bbl., awarded contract by the City of Oakland Port Commission, for furnishing hot asphaltic road oil (asphaltic binder spread).

BIDS OPENED

OAKLAND, Cal.—Following bids received by City of Oakland Port Commission for delivering and spreading crushed rock road materials at Outer Harbor Terminal, Oakland:

(1) 4000 tons crushed rock, roadway delivery;
(1a) do wharf delivery;
(2) 1800 tons do, roadway delivery;
(2a) do, wharf delivery;
(3) 400 tons screenings, roadway delivery,
(3a) do wharf delivery,
(4) 200 tons birdseye, roadway delivery;
(4a) do wharf delivery

Arlos Knapp	(1)	$1.06½
	(2)	1.37
	(3)	1.37
	(4)	1.32
Heafey-Moore Co.	(1)	$ .95
	(2)	1.59
	(3)	1.50
	(4)	1.75
Blake Bros.	(2a)	$1.38
	(3a)	1.38
	(4a)	1.38
Lee J Immel	(1)	$1.06½
	(2)	1.37½
	(3)	1.37½
	(4)	1.70
Hutchinson Company	(1)	$1.07½
	(1a)	1.13
	(2)	1.38½
	(2a)	1.38
	(3)	1.38½
	(3a)	1.38
	(4)	1.53½
	(4a)	1.60
Melrose Bldg. Mtls. Co.	(1a)	$1.13
	(2a)	1.38
	(3a)	1.38
	(4a)	1.38



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . . it
is highly decorative . . it
is dampproof . . . . it
economical

GUNN, CARLE & CO.

20 Potrero Ave. . UNderhill 5480 . San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

KINGS COUNTY

HANFORD, Kings Co., Calif.—Until January 31, 2 P. M., bids will be received by the Hanford Union High School District, M. W. Bartholomew, Clerk of the Board of Trustees, for the rental of tractors, scrapers and all necessary equipment for removing approximately 14,000 c.y. of earth.

Specifications obtainable from M. W. Bartholomew, Clerk, at his office in the Cousins & Howland Drug Store, Hanford.

NEVADA STATE

WASHOE COUNTY, Nevada—Until Feburary 20, 10 A. M., bids will be received by the Washoe County Board of County Commissioners, E. H. Beemer, Clerk, Reno, Nevada, for furnishing the following:

(1) 2 40 Caterpillar tractors with Diesel or gasoline motors.
(2) 1 8-wheel tandem drive motor grader, with motor control, 39 or more hp. motor, pneumatic tires, without electric equipment, 10 or 12 feet blade and scarifier.
(3) 1 1-ton truck, equipped with panel body, collapsible side seats and curtains to be used for transporting 12 to 14 men.

Specifications obtainable from above office.

U. S. INDIAN SERVICE

LOS ANGELES, Cal.—Until January 24, 3 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for furnishing a 30-in. slide gate, lifting rods, lifting device and an 8-ft. 30-in. galvanized pipe, for the Santa Cruz diversion dam, Arizona, Federal Project No. 207. Bid No. 0129.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until February 4, 5:30 P. M., bids will be received by J. H. Kimball, Secretary, East Bay Municipal Utility District, 512 16th St., Oakland, for furnishing 1200 l.f. of 20-in. dia. electric welded sheet pipe.

Specifications obtainable from above office.

SAN FRANCISCO CITY

LOS ANGELES, Cal.—Until Feb. 1, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing four only cage and skip combinations each complete with dumping cradles and two sets of landing dogs for use in hoisting men, materials and muck in tunnel construction. The bids will be taken as follows:

(a) Fob Lone Pine;
(b) Fob bidder's factory shipping pt.

Specifications No. 1602.

WASHINGTON STATE

SEATTLE, Wash.—Until January 31 bids will be received by City Engineer Thomas Beeman, Seattle, for furnishing 1,322,880 ft. b.m. of lumber, and 22,670 lbs. of reinforcing steel for the Railroad Avenue project. Specifications obtainable from the above office.

CALIFORNIA STATE

EUREKA, Humboldt Co., Cal.—Until January 28, 11 A. M., bids will be received by the Department of Public Works, Division of Highways, 546 W Wabash Ave., Eureka, J. W. Vickrey, District Engineer, for the rental of six 3-yard dump trucks for 500 hours each, principally near the following locations: two near Eureka, two near Garberville, and two in Mendocino and Lake counties. The trucks must be available immediately; have 25-ton tow bar; capable of traveling at least six miles per hours in reverse under load; chassis weight at least 6000 lbs. and body capacity must be at least 3 c.y. The dump bodies must be capable of being lifted to an angle of 45 degrees.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until January 28, 8 P. M., bids will be received by the Board of Fire Commissioners, F. T. Kennedy, Chief Clerk and Secretary, Room 2, City Hall, for drydocking, painting, and other hull repairs on the Fire Boat "Dennis T. Sullivan." Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

BRICKPANS, boiler, Mare Island; Sch. 4080; January 25.

STEEL, bar: East and West Yards. Sch. 4077; January 25.

BRASS, bronze and copper: East and West Yards. Sch. 4092; Jan. 29.

BOXES, 300 jack boxes: Mare Island. Sch. 4097; January 29.

PLUGS, 2,000 shielded telephone plugs: Mare Island. Sch. 4099; Jan. 29.

LEATHER, belting, lacing etc., East and West Yards. Sch. 4102; Jan. 29.

EQUIPMENT, sound motion picture equipment: East and West Yards. Sch. 4101; January 29.

PLATES, steel: East & West Yards. Sch. 4078; January 25.

ANCHORS, stockless: 16 3,000-lb.: Mare Island. Sch. 4111; February 5.

INDICATORS and counters, propeller shaft revolution, and spares: Mare Island and Puget Sound. Sch. 4110; February 5.

Specifications obtainable from above office.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until Feb. 7, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 609, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, control cable supports and control tunnel car and appurtenant parts for the Boulder Power Plant, Boulder Canyon Project. The materials will be installed by the government.

Specifications obtainable from above office without charge to prospective bidders; to others, $3, not returnable.

RECLAMATION SERVICE

BOULDER CANYON, Nev. — Until February 11, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 655-D, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, one portable, high potential, test set and portable dielectric testing equipment for use in the Boulder Power Plant. All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

BOULDER CANYON, Nev. — Until February 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 654-D, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, three deep well turbine-type motor-driven, plumbing units, 5,000-gpm. capacity each; one deep well do, 1600-gpm. capacity; and two portable do, 1500-gpm. capacity; all for installation in Boulder Dam and Power Plant, Boulder Canyon Project.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.50, not returnable.

BOULDER CANYON, Nev. — Until February 14, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 656-D, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, seven carbon-dioxide fire extinguishing systems; three portable carbon-dioxide fire exinguishing systems; forty spare cylinders of carbon-dioxide and expendable material; and twenty-eight carbon-dioxide hand fire extinguishers (15-lb. capacity) to fit in cabinets having inside dimensions of 35x12x8-in.; for installation in the Boulder Power Plant.

All apparatus will be assembled and installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.50, not returnable.

WAR DEPARTMENT

SAN FRANCISCO — Until January 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Schedule No. 928-35-158 for furnishing round malleable iron anchors, tubular steel poles, galvanized brackets for Novalux suspension units, porcelain sockets for mogul screw base lamps, suspension units, guy wire and dark mahogany oil stain for shipment to the Philippine Islands. Delivery f.o.b. bidder's shipping point and/or Fort Mason.

Specifications obtainable from above office.

SAN FRANCISCO—Until February 21, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-161, Memo 5714, for furnishing 500 lbs. ¼-in. dia. cotton rope; and miscellaneous lines for tents.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavn.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

MULTNOMAH COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of a bridge with composite pile trestle approaches over Columbia Slough on Vancouver Ave. outside of the north city limits of Portland, Multnomah County, U.S. P. W. Project NRS 250.

The work requires approximately 250 cu. yds. excavation; 2600 lin. ft. foundation piling; 6000 lin .ft. treated trestle piling; 730 cu. yds. concrete; 118,000 lbs. metal reinforcing; 152,000 lbs. structural steel; 125 MFBM treated lumber, and 764 lin. ft. composite handrail.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

MORROW COUNTY, Oregon — Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of a concrete bridge over Rhea Creek approximately 11 miles south from Heppner on the Wasco-Heppner Secondary Highway and the grading and surfacing of approximately 500 feet of approaches thereto, in Morrow County, U.S.P.W. Project NRS 246.

The work requires approximately 540 cu. yds. excavation; 226 cu. yds. concrete; 45,000 lbs. metal reinforcement; 224 lin. ft. concrete handrail; removal of old bridge; 4250 cu. yds. excavation; 8400 sta. yds. overhaul; 300 ml. yds. truck haul; 36 lin. ft. 18-in. asphalt coated corrugated iron pipe and 850 cu. yds. selected roadbed topping.

Plans and specifications obtainable from State Highway Commission, Rm. 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

UNION COUNTY, Oregon — Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of a concrete bridge over Grande Ronde River on the Wallowa Lake Highway at Elgin, Union County, U.S.P.W. Project NRM and E-5

The work requires approximately 540 cu. yds. excavation; 480 cu. yds. concrete, 100,000 lbs. metal reinforcement; 440 lin. ft. concrete handrail; removal of old bridge, and maintenance of traffic.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED.

JOSEPHINE COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway, Auditorium, 3rd floor, Public Service Bldg., Portland, for the construction of a steel bridge with composite pile trestle approach over Applegate River on Williams Secondary Highway approximately 7½ mi. south from Grants Pass, Josephine County, U.S.P.W. Project NRS 244.

The work requires approximately 275 cu. yds. excavation; 2000 lin. ft. ft. treated trestle piling; 446 cu. yds. concrete; 72,000 lbs. metal reinforcement; 315,000 lbs. structural steel; 45 MFBM treated lumber; 916 lin. ft. composite handrail and maintenance of traffic.

Bids also will be taken for the construction of a concrete bridge over Grays Creek on Williams Secondary Highway, approximately nine miles south from Grants Pass, involving approximately 120 cu. yds. excavation; 54 cu. yds. concrete; 4800 lbs. metal reinforcement; removal of the old bridge, and maintenance of traffic.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED.

COOS COUNTY, Oregon—Until Jan. 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of a concrete bridge over the Southern Pacific Company's tracks on the Oregon Coast Highway at North Bend, Coos County, U.S.P. W. Project NRM 41-E.

The work requires approximately 610 cu yds. excavation; 860 cu. yds. concrete; 156,000 lbs. metal reinforcement, and 342 lin. ft. concrete handrail.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—The following bids received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No 1726, for furnishing (1) one 84-ft. structural steel truss span; (2) two 30-ft structural steel skew beam approach spans, including all bolts for field connections, etc, for West Branch of North Fork Feather river bridge at Magalia:

Pacific Coast Steel Co., Alameda, (1) $1900; (2) $604.

Shrader Iron Works, San Francisco, (1) $1700; (2) $625.

Dyer Bros., San Francisco, (1) $1,-694, (2) $579.

Golden Gate Iron Works, San Francisco, (1) $1580; (2) $640.

Judson-Pacific Co., San Francisco, (1) $1892; (2) $545.

Moore Drydock Co., Oakland, (1) $1960; (2) $651.

Bids held under advisement.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED.

SHASTA COUNTY, Cal.—Campbell Const. Co., 800 R St., Sacramento, at $28,979.15 awarded contract by State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the S. P. Co. at Redding, consisting of one 40-foot steel girder span, two 30-ft. steel girder spans on concrete piers, and approximately 237 feet of timber trestle approaches.

BIDS OPENED.

GOVERNMENT ISLAND, Cal.—The following bids received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 1727, for furnishing: (1) one 160-ft. structural steel continuous beam span; (2) two 30-ft. structural steel skew beam spans, including all steel bolts for field connections, etc., for the Middle Fork of Feather river bridge:

Moore Drydock Co., Oakland, (1) $1779; (2) $749.

Judson-Pacific Co., San Francisco, (1) $1913; (2) $463.

Dyer Bros. San Francisco, (1) $1,-743; (2) $669.

Golden Gate Iron Works, San Francisco, (1) $1730; (2) $753.

Shrader Iron Works, San Francisco, (1)$1990; (2) $762.

Herrick Iron Works, Oakland, (1) $1686; (2) $724.

Pacific Coast Steel Co., Alameda, (1) $1557; (2) $636.

Bids held under advisement.

BIDS WANTED

LOS ANGELES, Cal.—Until January 30, 10 A. M., bids will be received by the Los Angeles Board of Public Works for constructing the San Fernando Road bridge over the Southern Pacific Company's tracts near Tunnel Station. The work involves:

(1) Alter existing structure;
(2) 843 cu. yds. Class F concrete;
(3) 100 cu. yds. Class G concrete;
(4) Reinf. steel (lump sum bid);
(5) Ornamental Concr. railing (lump sum bid);
(6) Grading, lump sum bid (51 cu. yds. cut);
(7) 131 tons asphaltic concrete base;
(8) 159 tons asphaltic concrete wearing surface;
(9) 32 sq. ft. oiled roadway;
(10) 115 lin. ft. heavy unplastered curb;
(11) 116 sq. ft. concrete gutter, 8-in. thick.

CONTRACT AWARDED.

BONNEVILLE, Ore.—MacRae Bros., 614 Fifth Avenue, Seattle, at $55,349 awarded contract by the U. S. Engineer Office, Portland, under Bid No.

35-351, for the construction of a timber trestle and steel deck plate girder bridge across the lower canal approach to the Bonneville ship lock, on the Oregon shore opposite the lower end of Bradford Island and adjacent to the power house and ship lock.

CONTRACT AWARDED

YUMA COUNTY, Ariz. — Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, Ariz., submitted the low bid and awarded contract by Arizona State Highway Commission, Jan. 15, at $24,-459.40, for highway construction on the Phoenix-Yuma Highway (A.F.E. 8041 and 8061). The work, located at three separate bridge sites, one at 2¾ miles east of Welton, one at 4½ miles east of Welton, and one at 2 miles west of Mohawk, consists of replacing concrete dips with concrete box culverts and oil surfaced approach fills, and is to be completed on or before May 15, 1935. The principal items and approximate quantities are:

(1) 98 cu. yds. roadway excavation, (unclass.);
(2) 12,366 cu. yds. imported borrow (CIP);
(3) 1330 cu. yds. select material (CIP)
(4) 349 cu. yds. shoulder material (CIP Sta. 697+00 to Sta. 706+00, and Sta. 787+00 to Sta. 798+00);
(5) 347 cu. yds. shoulder material (CIP Sta. 1619+00 to Sta. 1637 + 95);
(6) 8473 sq. yds. salvaging and relaying old oil mix (CIP);
(7) 648 tons mineral aggregate (CIP)
(8) 10,168 gal. road oil (for road mix and seal coat) (CIP);
(9) 85 tons screenings (CIP);
(10) 75 M. gal. sprinkling (CIP);
(11) 75 hours rolling;

STRUCTURES OVER 20 FT. CLEAR SPAN

(12) 2501 cu. yds. drainage excav. (unclass.);
(13) 476 cu. yds. structural excavation (unclass.);
(14) 586 cu. yds. Class A concrete (including cement);
(15) 64,825 lbs. reinf. steel (bars) (CIP);
(16) 559 Sp. yds. salvaging and relaying old oil mix (CIP);
(17) 43 tons mineral aggregate (CIP);
(18) 671 gals. road oil (for oil mix and seal coat) (CIP);
(19) 6 tons screenings (CIP);

The total bids were:

(A) Phoenix-Tempe Stone Co., $24,-459.40.
(B) Pearson & Dickerson Contractors, Inc., Prescott, Ariz., $26,854.98.
(C) R. C. Tanner and W. E. Hall Co., Phoenix, Ariz., $26,913.22.
(D) Daley-Vinson & Pringle, Phoenix, Ariz., $28,077.42.
(E) Wm. Peper Constr. Co., Phoenix, Ariz., $29,991.99.
(F) Del E. Webb Constr. Co., Phoenix, Ariz., $34,013.38.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .35	$ .34	$ .25	$ .48	$ .50	$1.00
(2)	.30	.27	.25	.32	.40	.40
(3)	.50	.70	.90	.72	.75	1.00
(4)	.50	.70	.90	.45	1.00	1.25
(5)	.30	.70	.25	.40	.75	1.00
(6)	.12	.135	.30	.24	.25	.25
(7)	3.00	4.20	2.50	4.10	5.00	5.50
(8)	.07	.08	.09	.09	.06	.12
(9)	4.00	4.70	6.00	1.80	4.00	2.00
(10)	2.50	3.70	4.00	3.00	3.00	3.00
(11)	3.00	4.70	4.00	6.00	5.00	5.00
(12)	.30	.24	.23	.29	.25	.30
(13)	1.20	1.00	.90	.90	1.00	2.00
(14)	18.50	19.80	20.00	20.25	20.00	23.50
(15)	.045	.05	.045	.046	.05	.05
(16)	.12	.135	.30	.24	.25	.25
(17)	3.00	4.20	2.50	4.16	5.00	5.50
(18)	.07	.08	.09	.09	.06	.12
(19)	4.00	4.70	6.00	1.80	4.00	2.00

BIDS WANTED.

FRESNO COUNTY, Cal.—Until Feb. 5, 10 A. M., bids will be received by the Department of Public Works, Division of Highways, R. M. Gillis, District Engineer, Carruth and Olive Aves., Fresno, for the removal and disposal of an existing bridge and the construction of a new bridge consisting of four 10-ft. timber stringer spans, about 1.6 miles south of the westerly county boundary.

Plans and specifications obtainable from the above office.

BIDS WANTED.

MONTEREY COUNTY, Calif.—Until February 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across Malpaso Creek, 9 miles south of Monterey, consisting of one 117-ft. open spandrel arch span and six 13-ft. 10-in. approach spans.

The work involves:

(1) 1 only existing bridge to be shifted;
(2) 350 c.y. stripping;
(3) 450 c.y. structure excavation;
(4) 450 c.y. rdwy. excavation, unclass.
(5) 1,050 sq. yds. preparing, mixing, and shaping roadbed;
(6) 11 tons screenings;
(7) 7 barrels emulsified asph. road oil
(8) 535 c.y. Class A Portland cement concrete (structures);
(9) 110 c.y. do (arch ribs and struts)
(10) 13 c.y. do (railing);
(11) 120,000 lbs. bar reinf. steel;
(12) 196 lbs. bronze expansion plates;
(13) 1 only existing bridge to be removed and disposed of;
(14) 1 lot misc. items of work.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

*

BIDS WANTED

MONTEREY COUNTY, Cal.—Until February 13, 2 P. M., as previously reported, bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across Malpaso Creek, 9 miles south of Monterey, consisting of one 117-ft. open spandrel arch span and six 13-ft. 10-in. approach spans.

NOTE: Item (5) was omitted from the report in our issue of January 23rd.

The work involves:

(1) 1 only existing bridge to be shifted;
(2) 350 c.y. stripping;
(3) 450 c.y. structure excavation;
(4) 450 c.y. rdwy. excavation, unclass.
(5) 75 bbls. fuel oil;
(6) 1,050 sq. yds. preparing, mixing, and shaping roadbed;
(7) 11 tons screenings;
(8) 7 bbls. emulsified asph. road oil;
(9) 535 c.y. Class A Portland cement concrete (structures);
(10) 110 c.y. do (arch ribs and struts)
(11) 13 c.y. do (railing);
(12) 120,000 lbs. bar reinf. steel;
(13) 196 lbs. bronze expansion plates;
(14) 1 only existing bridge to be removed and disposed of;
(15) 1 lot misc. items of work.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

*

BIDS WANTED

LAKE COUNTY, Cal.—Until Feb. 13 10 A. M., bids will be received by the Lake County Board of Supervisors, Court House, Lakeport, W. M. Patterson, County Clerk, for the repair of the Rodman Bridge situated on the Lucern Cut-off.

Plans and specifications obtainable from the above office upon deposit of $10.00.

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED.

INDIO, Riverside Co., Cal.—Breedlove Corp., 649 S. Olive St., Los Angeles, at 15 cents per c.y. awarded contract by the Board of Trustees of the Coachella Valley Storm Water District, Indio, for the construction of a levee in Deep Canyon, 2100 feet in length, starting and terminating in Section 6, Twp. 6, South, Range 6 East, S.B.B. & M.

PLANNED.

HANFORD, Kings Co., Cal.—Peoples Ditch Co. (Theodore Miller, superintendent) Hanford, plan construction of a weir in Kings River to replace existing structures. Estimated cost is $55,000.

TO ASK FUNDS.

SAN JOSE, Santa Clara Co., Cal.—Officials of San Jose Chamber of Commerce and San Jose Deep Water Association will prepare application to Federal Public Works Administration for funds for improvement of San Jose waterfront as deep water harbor. J. S. C. Ross, president of the chamber, and Wilbur Henning, president of the association, named as committee to report on ways and means of financing the project.

ALLOTMENT APPROVED.

MISSOULA, Mont.—Federal Public Works Administration has approved an allotment of $180,000 to the Bureau of Reclamation for construction of the Frenchtown Irrigation Project Missoula, Mont. There will be a system of canals covering a distance of 16 miles carrying 8000 inches of water for irrigating about 7500 acres.

BIDS WANTED.

LAFAYETTE, Ore.—Until Feb. 1, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 35-409, for removing existing miter sills and lock gates and construction and installation of new miter sills and lock gates at Yamhill Lock on Yamhill river, near Lafayette, Ore.

The work involves:

(1) lump sum, cofferdams;
(2) lump sum, removal of the existing miter sills and lock gates;
(3) 22 MFBM Douglas fir lumber;
(4) 8,000 lbs. iron castings;
(5) 3,000 pounds mild steel or wrought iron;
(6) 300 lbs. steel forgings;
(7) 8,000 lbs. bolts;
(8) 150 lbs. bronze;
(9) 7,000 lbs. mtal parts, salvaged and placed in new work.

Plans and specifications obtainable from the above office.

TO ASK FUNDS

LOS ANGELES, Cal.—F. E. Trask, former state PWA engineer, will present to the administration at Washington, D. C., a request for $77,000,000 for the proposed $4,000,000,000 public works fund to be used for the Los Angeles County flood control program as outlined in a joint federal and county survey made after the Montrose disaster of 1933-34. In placing the county's plea to the National Resource Board in Washington, Mr Trask will ask $3,846,000 for flood control work on the Arroyo Seco; $5,-777,000 for Big Tujunga Wash; $4,-115,000 for the Verdugo Mountain foothill projects; $2,405,000 for the

San Gabriel Valley; $8,118,000 for the upper Los Angeles River, and other projects throughout the county.

23— IRRIGATION PROJ.

January 18, 1935

ESTIMATES COMPLETED.

FALLON, Nevada.—W. H. Wallace, manager of the Newlands Reclamation project, has prepared detailed estimates of proposed improvements for which the district is asking a PWA loan of $500,000. Work includes enlargement of Truckee canal, improvement of Lahontan power plant and additional storage at the Lahontan reservoir, repairs and improvements to the distributing and drainage systems.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho —George B. Healy, Nyssa, Oregon, at $21,502 submitted low bid to the Bureau of Reclamation, Ontario, Ore., January 15, under Spec. No. 644-D, for the construction of earthwork and structures, North Canal Laterals, Mitchell Butte Division, Owyhee Project, Oregon-Idaho.

J. A. Terteling & Sons, Boise, Idaho, at $21,536 submitted second low bid; and Morrison - Knudsen Co., Boise, was third low bidder at $22,-915.

APPROPRIATION ASKED

CALIFORNIA STATE. — Construction of the Central Valley Project, California, may be undertaken as a federal project under authority similar to the Tennessee Valley Authority, if two measures introduced in the House of Representatives are adopted by Congress. One introduced by Henry E. Stubbs provides for the expenditure of $170,000,000, and the other by Frank H. Buck provides for a federal body to prosecute the work. Of the total amount, $38,000,000 would be a direct federal grant. In addition, $12,000,000 would be designated as a direct grant toward the construction of the Kennett Dam. The remaining $120,000,000 would be repaid in forty years. The funds and work would be handled by the Secretary of the Interior and the Secretary of War.

24— STREET LIGHTING SYSTEMS

BIDS OPENED.

SAN FRANCISCO.—H. C. Reid and Co., 389 Clementina Street, at $11,-794 submitted low bid to the Department of Public Works, City Hall, for the installation of an ornamental lighting system on Alemany Boulevard, Section "A", from Bayshore Blvd. to Mission St., a total distance of 1.26 miles.

The work to be done includes the installation of conduits; the construction of foundations; the erecting, assembling, and painting of standards; the furnishing and installing of luminaries with compensators, refractors, and lamps; the furnishing, installing, splicing, and testing of cables; and the furnishing and installing of all appurtenances incident to the construction of the lighting system.

The work involves:

(1) Hauling, erecting, assembling and painting ornamental iron standards, 52;
(2) Furnishing and installing luminaries and lamps, complete, 52;
(3) Constructing concrete foundations for standard with conduit bends, 52;
(4) 13,400 ft. furnishing and installing 1½-in. black conduit;
(5) 16 500 ft. furnishing and installing 5,000-volt single conductor solid No. 8 R. & L. C. wire.

Complete bids follow.

(A) H. C. Reid and Co., San Francisco $11,794.00
(B) George F. Brayer, San Francisco 12,234.00
(C) A. Soda & Son, Oakland 12,315.00
(D) Severin Electric Co., San Francisco 12,631.00
(E) Dowd-Seid Electric Co., San Francisco 12,802.95
(F) H. S. Tittle Co., San Francisco 12,897.00
(G) Globe Electric Works, San Francisco 12,934.00
(H) Weidenthal-Goslinger Electric Works, San Francisco 14,178.00
(I) Central Electric Co., San Francisco 14,394.00
(J) G. H. Armstrong, San Francisco 14,439.00
(K) De Latour Elec. Co. San Francisco 14,535.00
(L) Abbett Electric Co., San Francisco 14,950.00

Bids held under advisement.

25—MACHINERY AND EQUIPMENT

BIDS OPENED.

SAN FRANCISCO.—Chas. Kuppinger, Lakeport, at $3.50 per hour, submitted low bid to Jno. H. Skeggs, District Engineer, Division of Highways, State Building, San Francisco, for the rental of one power shovel of not less than ⅝ c.y. capacity, for approximately 400 hours, to be used in Marin County.

The other bids were:

R. I. Slyter, San Anselmo, $4; Johnson & Nelson, San Anselmo, $4; Garcia Const. Co., Irvington, $4; Thomas J. Doyle, San Francisco, $4.40; L. C. Karstedt, Watsonville, $5; Rock and Gravel Trucking Co., Oakland, $5.70; and Consolidated Crane Service, Los Angeles, $5.95.

Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO. — Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR-1329, for rental of equipment (tractors and dump cars) for unemployment relief:

Chas. L. Harney, $6.62 per hour for three 60-hp. caterpillar tractors; $6.-625 per hour for 30-hp. do.

Sibley Grading & Teaming Co., $6.75 for 60-hp. do.

Meyer Rosenberg, Inc., $4 for 30-hp. do; $6.50 for 60-hp. do.

Peter J. McHugh, $6.62 for two 60-hp. do.

H. J. Guerin, $4.05 each, $12.15 for three 30-hp. do.

D. C. McCabe, $4.50 for 35-hp. do.

Associated Equipment Co., $4.75 for Bates "45" 6-cyl. with hydraulic bulldozer.

Frank J. McHugh, $6.62 for 60-hp. caterpillar tractor; $4.25 for 30-hp. do.

R. A. Farish, $4.50 for 35-hp. caterpillar tractor; $4.25 for 35-hp. Diesel tractor; $5 for 60-hp. do; $4 for 30-hp. do.

San Francisco Paving Co., $4.25 for 35-hp. Diesel caterpillar tractor.

A. D. Schader, two 1⅛-yd. or 37 cu. ft. capacity 24-in. ga. 2-way dump V-body Kopple cars; ten 1-yd. or 27 cu. ft. capacity 24-in. ga. 2-way dump V body Kopple cars; seven 1¼-yd. or approximately 34 cu. ft. capacity do; total of 19 cars, as follows. $0.125 each per car; $0.75 per 6-hour working day, or $3.75 per week (five-day working week).

W. N. Thomas, Alameda, $3.75 for 30-hp. caterpillar tractor; $5.75 for 60-hp. do.

Bids held under advisement.

CONTRACT AWARDED.

OAKLAND, Cal.—Herrick Iron Wks 18th and Campbell Sts., Oakland, at $944 awarded contract by the East Bay Municipal Utility District, Oakland, for furnishing eight feed operating tables for the Orinda Filter Plant, under Proposal No. 576.

CONTRACTS AWARDED.

LOS ANGELES, Calif. — Petroleum Equipment Co. was awarded the contract by the Metropolitan Water District, Los Angeles, January 18, at $2,-250 for furnishing a centrifugal pump at 2600-GPM, against a head of 500 ft. for use in Potrero Shaft of the San Jacinto Tunnel. The price includes motors.

Petroleum Equipment Co. was also awarded the contract for four pumps of 2500-GPM against a 275 ft head for use at the Cabazon heading, at a total price of $8,793.60.

The bids were opened January 15 under Bid No. 31149.

BIDS OPENED

OAKLAND, Calif.—Rees Blow Pipe Mfg. Co., 340 7th Street, San Francisco at $2,990 submitted low bid to East Bay Municipal Utility District, Oakland, January 18, under Spec. No. 134 for furnishing one pneumatic alum and lime conveyor system complete with blower, receiving hopper, four distributors and dust separators, pipe and fittings, etc.

The other bids were:

Brady Conveyor Corp.	$3,072.00
Fuller Company	3,800.00
Sutorbilt Corp.	6,668.00

CONTRACT AWARDED

LOS ANGELES, Cal.—Maloney Elec. Co., at $5982 awarded contract by the Los Angeles Water & Power Commission for furnishing pole type and subway transformers f.o.b. 1630 N. Main St., under Spec. No. 1563.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles, awarded contract by the Los Angeles County Sanitation District No. 2, at $5867 for furnishing one 6-cyl. Clark gas engine to operate on gas from digesting sewage solids at the Joint Disposal Plant at Harbor City.

Fairbanks, Morse & Co., 2401 Santa Fe Ave., Los Angeles, awarded contract for furnishing one horizontal shaft, bottom suction centrifugal water pump to be used in connection with the above engine.

LOW BIDDER

SUMMITT, Canal Zone — Industrial Piping and Engineering Co., Baltimore, Md., at $18,950 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., under specification No. 7800 for motor and hand operated winches for antennas at the Naval Radio Station, Summitt, Canal Zone. Complete bids will be published shortly. •

LOW BIDDER

LUALUALEI, T. H. — Industrial Piping & Engineering Co., Baltimore Md., at $19,440 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 7801 for motor and hand operated winches for antennas at the Naval Radio Station Lualualei, T. H. Complete bids will be published shortly. •

28—FIRE EQUIPMENT

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland City Council January 17 for furnishing 10,000 feet of 2½-in. fire hose:

Fabric Fire Hose Co., Oakland, $1.20 and $1.40.

American Rubber Mfg. Co., Oakland

$1.20.

Warren & Bailey Co., San Francisco $1.20.

Eureka Fire Hose Products, U. S. Rubber Co., Oakland, $1.40, $1.25 and $1.20.

Pioneer Rubber Mills, San Francisco $1.20.

Pacific Coast Rubber Co., San Francisco, $1.20.

Bids held under advisement.

28

30—RESERVOIRS & DAMS

PROJECT DEFEATED

SANTA CLARA COUNTY, Calif.—Voters in the proposed Llagas-Uvas water conservation district rejected a proposal to proceed with engineering study of project to conserve the flood waters through a system of percolation reservoirs. The vote was 865 to 625. The district would have included Gilroy and the southern portion of the county.

ESTIMATED EXPENDITURES

FORT PECK, Montana—The Army Engineers in Washington, D. C., have estimated that as much as $20,000,000 may be spent to good advantage on Fort Peck dam during the 1936 fiscal year. Total estimated cost of the project is $56,000,000.

All existing contracts will be completed by June 30, 1935, except the first contract for tunnels which will be completed June 30, 1936.

The Engineers' report estimates that on June 30, 1936, all major preliminary operations, including construction of townsite, construction of railroads, bridges and power lines will have been completed. Excavation for four 26-ft tunnels aggregating 24,766 feet will have been completed and concrete lining to be placed outside of plate steel shell reinforcing will have been finished.

Contract for placing steel lining and inner concrete lining for tunnels will have been awarded. The greater portion of excavation for spillway, estimated at about 12,000,000 cu. yds., and concrete lining for this channel amounting to about 150,000 cu. yds. and 34,000,000 cu. yds. or approximately ½ of earth fill for dam proper will be placed by June, 1936.

Net total cost to June 30, 1934, reported at $5,229,871. Balance unexpended, $21,340,442.60 and accounts receivable $2,882.45, at end of year, together with allotment of $25,000,000 made last July, will be applied toward completion of dam and reservoir, general supervision, surveys, tests, and inspections.

It is believed that available funds will be exhausted by June 30, 1935. In recommending an additional sum of $20,000,000 for expenditure during fiscal year ending June 30, 1936, engineers estimate that $5,000,000 can be used for lining of diversion tunnels with steel shell and concrete and placing gates and $1,000,000 for second spillway

On actual dam construction, engineers estimate $5,875,000 for dredging one year, 4 dredges, 7½ months to each to move about 26,000,000 cu. yds. of earth; $1,000,000 for producing paving rock for paving surface of dam, and $3,125,000 for producing and placing rock and gravel for upstream and downstream tees of dam. Acquisition of land will cost about $3,000,000 and power plant construction $1,000,000.

Major T. R. Larkin, District Engineer, Fort Peck District, Fort Peck, Montana, is in charge of the project.

BIDS OPENED

DALY CITY, San Mateo Co., Calif.—Cement Gun Const. Co., 85 Second St., at $2,748 submitted low bid to the Daly City City Council for guniting the floor and walls of the water storage reservoir in Daly City.

Edwin Anderson, San Francisco, at $2,998 submitted second low bid.

PLANNED

STANFORD UNIVERSITY, Palo Alto, Cal.—Trustees of Stanford University have under consideration the construction of a rolled earth fill dam across San Francisquito Creek, 1.5 miles below Searsville Lake, to create water supply reservoir for the university. Proposed dam would be 100 feet in height, 1300 feet long at the crest. Estimated storage, 1733 million gallons. Project includes main supply pipe line to Junipero Serra Blvd. or the Stanford campus.

Estimated cost, $400,000. Fred C. Hermann, Merchants Exchange Bldg., San Francisco, consulting engineer. A. L. Trowbridge, Assistant Controller and University Engineer.

PREPARING PLANS.

LOS ANGELES, Cal.—Julian Hinds, Assistant Chief Engineer of the Metropolitan Water District, reported to the Board of Directors January 18 that plans and specifications for the Cajalco Dam are well under way. Plans are also being prepared for the feeder line between Cajalco and the Monrovia tunnel of the distribution system. He reported that excellent progress was being made and that specifications and drawings would be ready for submission to the Board at an early date.

BOND ELECTION.

VENTURA, Ventura Co., Calif.—An election will be held in the City of Ventura February 5 to vote on a $1,150,000 bond issue to finance water works improvements and betterments, including the construction of a dam on Coyote Creek at the Hoffman Reservoir site. The decision to place before the people of the city such a proposal followed an exhaustive study of the project covering a year and a half. The city will ask for PWA funds in the form of 30% grant. The proposed dam will be an earth fill structure, 87-ft. in height, with a capacity of 9800 acre feet. The cost estimate is divided as follows:

Construction of 9800 acre feet dam, $467,130.

Land for 42,000 acre feet dam, $152,202.

Reserved for contingencies, land purchase, $306,404.

State filing fees, $4,189.

Fifteen per cent carrying charge and supervision, $69,405.

Road construction, relocating the state highway to follow alignment along east bank of proposed reservoir, $144,500.

Power lines (Appraiser's estimate), $5,170.

31—PIPE LINES & WELLS

CONTRACT AWARDED.

LOS ANGELES, Cal.—Roscoe Moss Co., 4360 Worth St., Los Angeles, awarded contract by the U. S. Indian Irrigation Servcie, 751 S. Figueroa St. Los Angeles, for drilling, developing, and testing one water well, 16-inches in diameter and approximately 75 ft. deep on the San Carlos Indian Reservation, Arizona.

TEST DRILLING.

WASHOE COUNTY, Nev.—Diamond drilling will be started shortly at two possible sites for the Truckee River reservoir, L. J. Foster, project engineer for the U. S. Reclamation Service, announces. Foundation tests will be made at the Wheele site, several miles above Boca, and at a site downstream about four miles from Boca.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED.

ONTARIO, San Bernardino Co., Cal.—Until January 28, 7:30 P. M., as previously reported, bids will be received by the Ontario City Council for all construction incident to the completion of the sewage disposal plant in accordance with amended specifications prepared by the Currie Engr. Co., 219 Andreson Bldg., San Bernardino, copies of which may be obtained at that address. Certified check for 10% must accompany each bid. C. C. Peabody, city clerk.

The new bid form is as follows:

(1) Treatment plant complete;
(2) Sewer lines:
  (a) 350 ft. 15-in. sewer pipe;
  (b) 670 ft. 18-in. sewer pipe;
  (c) 1100 ft. 21-in. sewer pipe;
  (d) 260 ft. 24-in. sewer pipe;
  (e) 4 manholes complete.

This project was originally started by James Noon (contract awarded on April 23, 1934, at $65,793), who had completed at the time of abandonment about 40% of the work.

INVESTIGATION.

PHOENIX, Ariz.—Check of the various kinds of pipe, the cost, the time of delivery and installation is being made by the office of the City Engineer in connection with the storm drain project, in an effort to determine whether it will be more advantageous to award the contract to Stroud Bros., Elliott & Seabrook, or to call for new bids. This alternative has been issued by the Public Works Department at Washington to approve the award to the Phoenix - Tempe Stone Co. as made originally. The check was ordered by Thos. M. Sullivan, City Manager. A bond issue of $260,000 was voted.

CONTRACT AWARDED

SAN JUAN CAPISTRANO, Cal.—Marko Matick, 1269 E. Colorado Blvd., Los Angeles, at $15,047 awarded contract by the San Juan Capistrano Sanitary District, January 14, for the construction of a sewage treatment plant. Work on the project started January 17.

BIDS WANTED

SAN FRANCISCO—Until February 6, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Rm. 251, City Hall, for the reconstruction of a sewer on 22nd street, between Potrero Ave. and San Bruno Ave. Estimated cost, $1320.

The work involves:

(1) 1 drop manhole with 12-in. V.C.P. drop pipe, complete;
(2) 1 brick manhole, complete;
(3) 16 lin. ft. 18-in. V.C.P. sewer encased in concrete, in place;
(4) 196 lin. ft. 18-in. V.C.P. sewer, in place;
(5) 8 lin. ft. 10-in. V.C.P. culvert in place

Plans and specifications obtainable from City Engineer John J. Casey, Room 357 City Hall, upon deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until February 6, 2:30 P. M., bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Rm. 251 City Hall, for the construction of sewers and appurtenances in Golden Gate Heights District. Estimated cost, $8500. The work involves:

(1) 4157 lin. ft. 8-in. V.C.P. sewer in place;
(2) 38 brick or concrete manholes;
(3) 3 standard lampholes;

(4) 116 8-in. x 6-in. "Y" or "T" branches.

Plans and specifications obtainable from City Engineer John J. Casey, Room 357 City Hall, upon deposit of $10.

33— WATERWORKS

CONTRACT AWARDED.

ROSEVILLE, Placer County, Cal. Western Pipe & Steel Co., 114 Market St., San Francisco, at $12,700 awarded contract by the Roseville City Council for constructing improvements to the Roseville Municipal water system.

BIDS WANTED.

VERADALE, Wash.—Until Feb. 1st, 7.30 P. M., bids will be received by Paul S. Eller, President of the Board of Directors, Columbia Bldg., Spokane or Veradale, Wash., to be opened in the office of the district in the Post Office Bldg., Veradale, for furnishing water pipe 150-ft. head, as follows:

(1) 8,000 l.f. 8-in. steel, iron, or wood stave;
(2) 13,000 l.f. 6- or 5½-in. do;
(3) 8,000 l.f. 4-in. steel or iron;
(4) 13,100 lin. ft. minimum, 18,000 l.f. maximum, 4- or 3½-in. steel or iron.

Further information obtainable from Wm. Tschirley, Dist. Engineer, Vera Irrigation District, Veradale.

FUNDS ALLOTTED.

WINNEMUCCA, Nev.—The Federal Public Works Administration has granted $35,000 to the City of Winnemucca for construction of a municipal water and power system. A bond issue of $306,000 for the project was voted at a recent election.

PURCHASE PLANNED

LAKE COUNTY, Cal. — The Lake County Board of Supervisors has set February 13, 10 A. M., as the time for hearing petition for formation of a waterworks district at Clearlake Park. District proposes bond issue of $18,000 for acquisition of existing water systems operated by Clearlake Park Club and Pine Dell Club.

PROJECT APPROVED.

GALT, Sacramento Co., Cal.—SERA has approved project for the construction of a water distributing system by Galt County Water District. Materials will be purchased by the district. T. R. McCuen, chairman. Estimated total cost, $45,690, including installation of services, hydrants, new well and tank house.

FUNDS ALLOTTED

VICTORVILLE, Cal. — The Victorville County Water District has been allotted a PWA loan and grant in the sum of $59,000 for the construction of a waterworks system comprising a well, pumping plant, surface reservoir and a complete distributing system. The approximate cost of the labor and material is $5000, of which 30 per cent is a grant. The balance is a loan secured by 4 per cent general obligation bonds. A bond issue for $50,000 was voted in 1933. Charles L. Foulke, 455 Fourth St., San Bernardino, consulting engineer, has prepared specifications for the following work:

Two wells, 16-in. diameter, about 250 ft. deep, each equipped with deep well pump. Automatic controls, pump house, sand trap, piping, etc., each unit having capacity of 300 gals. per minute; $7330.

One 150,000 gal. reservoir (reinforced concrete ring tension); $3500.

Distributing system, involving cast iron pipe and valves, as follows:

25,500 ft. 4-in. cast iron pipe;
11,680 ft. 6-in. cast iron pipe;
32 4-in. valves;
12 6-in. valves;
37 hydrants, complete.

Estimate, $27,788.

Water services, including meter box, copper, goose neck corporation cock and curb cocks, average length of galvanized pipe 25-ft., labor, etc., cost per service $22 each, total cost $7700.

The cost will include:

Labor, $12,538
Materials, $33,780.
Engineering, $2000
Land, $1200.

W. G. Roberts, Victorville, is president of the district.

FUNDS ALLOTTED.

STATE OF OREGON. — PWA Administrator Harold Ickes, Washington, D. C., has announced the following allotments for the State of Oregon: Roseburg, $72,000 for sewers; Mosier, $14,000 for water distribution system; Tillamook, $59,000 for city water mains; Coquille, $35,000 for water system; Burns, $22,000 for sewage plant; Wallowa, $62,000 for waterworks; Tillamook, $18,000 for water system; Lakeview, $36,000 for sewage plant; Columbia County, $15,000 for the St. Helens pumping plant; Empire, $10,000 for waterworks, and Willamina, $16,000 for water supply system.

FUNDS ALLOTTED

SULTAN, Wash.—The Federal Public Works Administration has allotted $20,000 to the City of Sultan, Wash., for improvements to the waterworks system. The work contemplated includes construction of a concrete dam to replace an existing log dam at intake; new main from reservoir to town, including some steel pipe and special retaining walls dawn steep hill; new mains in alleys along Main Street, including abandonment of old main under pavement and reconnecting of service pipes to new mains; new mains in other streets, connecting deadends for form circulating system, etc. Preliminary plans prepared by Clarence Hickey, Engineer. W. F. Leavell, Town Clerk.

TO ASK BIDS

RIDGEFIELD, Wash. — Consulting Engineer Charles Deake, Vancouver, has completed plans for water works improvements for which the PWA recently allotted $21,000. The work will include replacement of about 3200 ft. of 8-in., 3800 ft. of 6-in. and 10,000 ft. of 4-in. cast iron or steel pipe. Bids will be asked shortly. J. W. Blackburn, Town Clerk.

TO ASK FUNDS

MAXWELL, Cal. — Maxwell Public Utility District, C. N. Lausten, Secretary, will apply to Federal Public Works Administration for funds to finance construction of water and sewer systems.

LOS ANGELES, Cal.—Until Jan. 28, 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. 3rd St., Los Angeles, under Bid No. 31958, for furnishing vertical centrifugal pumping units. Bids will be taken as follows:

ITEM 1

Five only vertical centrifugal pumping units, each with a capacity of 1200 g.p.m. against a total head of 25 ft., fob Beaumont, Banning and/or San Jacinto, Calif.;

ITEM 1 (A)

The following replacement parts for the pumps offered under Item 1, fob Banning, Calif.:

1 only impeller with wearing ring;
1 only casing wearing ring;
1 only pump shaft complete with shaft sleeves;
1 only complete set of shaft bearings.

ITEM 2

Five only extension sets for pumping units offered under Item 1, for Banning.

ITEM 3

Will furnish not more than 16 additional pumping units as offered under Item 1, if ordered in lots of two within one year after date of order for Item 1, at the unit price of.

ITEM 4

Will furnish not more than 16 additional pumping units as offered under Item 1, except that each unit shall have a pumping capacity of 1000-gpm. against a total head of 50 ft., if ordered in lots of two within one year after date of order for Item 1, at the unit price of.

ITEM 5

Will furnish not more than 20 additional extension sets as offered under Item 2, if ordered in lots of two within one year after date of order for Item 2, at the price per set of.

ITEM 6

Will furnish fob Banning, Calif., not less than 2 nor more than 20 pump impellers with wearing rings, interchangeable with the pump impellers furnished with the pumps under Item 1, but having a capacity of 1000-gpm. against a total head of 50 ft., and in accordance with Spec. E-159, if ordered in lots of two or more within one year after date of order for Item 1;

ITEM 7

Will furnish fob Banning, Calif., not less than 2 nor more than 10 tripod supports for the pumping units offered under Item 1, in accordance with Spec. E-159, if ordered in lots of two or more within one year after date of order for Item 1.

If Items 3, 4, 5, 6 and 7, or any of them, are accepted the district will pay the bidder a consideration of $1 for the option in connection with each accepted item.

Bid No. 31958.

34— PARKS & PLAY-GROUNDS

CONTRACT AWARDED

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery Street, at $4,838 was awarded contract by Board of Park Commissioners for improvements to McCoppin Square, 22nd Avenue and Taraval St. Work involves:

(1) Resurfacing tennis courts
(2) Fencing;
(3) Baseball backstop.

Plans prepared by Architect Lewis P. Hobart, 525 Market Street.

35— TUNNELS

BID CALL RESCINDED

LOS ANGELES, Cal.—The Los Angeles Board of Public Works has rescinded its action calling for bids, to be opened January 30, for the construction of the Figueroa Street Tunnel, between Solano Ave. and Bishops Road. The city engineer was instructed to prepare new specifications.

INJUNCTION FILED.

LOS ANGELES, Cal.—An injunction and temporary restraining order against the Wenzel & Henoch Const. Corp., contractor on the San Jacinto Tunnel, was asked by the Metropolitan Water District, in a bill of complaint in equity (No. 502-M) filed in the United States District Court at Los Angeles, January 18, as a preliminary to taking possession of the property preparatory to proceeding with the construction work by the district's forces. The writ was made returnable in Judge Paul J. McCormick's court on January 28.

The complaint alleged that the Gen-

eral Manager served on January 15, a formal demand on the contractors to discontinue all work under the contract on the grounds that the work had been unnecessarily and unreasonably delayed. Demand was also made for possession of all materials, plants, tools, equipment, supplies and property of every kind and for possession of lands, shafts, adits, tunnels, and other loctions, and that may be made for the occupancy by employees of the district. The demand, however, directed the contractors to continue to operate all pumps and pumping equipment necessary to prevent damage by water until such time as the district's representatives are in actual control and in possession of the pumps and equipment. The notice was served January 16 and was met by the contractor's refusal to comply with the demands.

The action was filed in behalf of the district by James H. Howard, General Counsel, Arthur A. Weber, Assistant General Counsel, Charles C. Cooper, Jr., and Ray W. Bruce, attorneys for the district. The contractors have retained Bordwell and Mathews and Wadsworth, Fidelity Bldg., to represent the defense. 35

LOW BIDDER

DENVER, Colorado—Utah., Bechtel Morrison, Inc., at $972,576 submitted low bid to the Board of Water Commissioners City and County of Denver, Colorado, George F. Hughes, Secretary, for enlarging and lining the Moffat Water Tunnel, Intake Shaft and Wye, the construction of the intake works at West Portal, the outlet works at East Portal, and appurtenances thereto, in Gilpin and Grand Counties, Colorado.

29—STREETS AND HIGHWAYS

BIDS WANTED.

LOS ANGELES, Cal.—Until Feb. 4, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors for the improvement of Santa Fe Ave. from Willow Street to the north city limits of Long Beach, under cash contract; PWA Prjoect No. 3123 Unit 18.

The work involves:
(1) 12,300 c.y. excavation (including shaping and removal of trees);
(2) 185,456 sq. ft. 9x7x9-inch cement concrete paving;
(3) 2104 sq. ft. 8-in. do;
(4) 116,330 sq. ft. 1½-in. pre-mix paving;
(5) 2134 sq. ft. 5-in. disintegrated rock base;
(6) 191,638 sq. ft. do. variable thickness;
(7) 4642 sq. ft. permanent traffic marker.

George W. Jones, Los Angeles County Road Commissioner, 11th floor, Hall of Records. Mame B. Beatty, clerk of the Board.

BIDS WANTED.

LOS ANGELES, Cal.—Until Feb. 13, 10 A. M., new bids will be received by the Los Angeles board of public works for improving Barrington Ave. between Halvern Way and Beverly Blvd. under the 1911 act, involving:
(1) lump sum, grading (1050 c.y. cut and 664 c.y. fill);
(2) 68,195 sq. ft. 4-in. asph. concrete paving;
(3) 2880 sq. ft. oiled roadway;
(4) 2785 l.f. heavy curb.

Geo. R. Curtis Paving Co. submitted the previous low bid on Nov. 7, at $8477.

BIDS OPENED

SANTA CRUZ, Santa Cruz Co., Cal.—Central Supply Co., 1 Division St., San Francisco, at $980.36, plus sales tax, submitted low bid to the Santa Cruz City Council for furnishing materials to be used in paving the Esplanade sidewalk. The other bids were:

Gettys Lmbr Co., Santa Cruz..$1086.37
Mission Lmbr. Co., Santa Cruz 1130.56

BIDS WANTED.

LOS ANGELES, Cal.—Until Feb. 4, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors for the improvement of Foothill Blvd. from its intersection with Greenwood Ave. and Walnut St. easterly to Santa Anita Ave., Pasadena and Los Angeles County, 3700 lin. ft. or 0.70 mile, under cash contract No. 465, PWA Project No. 3123, involving:
(1) 6240 c.y. excavation, inc. shaping and removal of trees;
(2) 68,845 sq. ft. 9-7-7-9-in. cement concrete pavement;
(3) 4002 sq. ft. 8-in. cement concrete pavement;
(4) 85,304 sq. ft. 4-in. asphalt concrete base;
(5) 34 tons asphalt concrete base;
(6) 86,869 sq. ft. 2-in. asphalt concrete wearing surface;
(7) 92,976 sq. ft. 1½-inch pre-mix pavement;
(8) 139 l.f. 6x10x18-in. cement concrete curb;
(9) 505 l.f. 6x9x15-in. do;
(10) 277 sq. ft. 6-in. cement concrete gutter;
(11) 2599 sq. ft. cement concrete walk;
(12) 160 l.f. cement concrete curtain wall;
(13) drainage structure as per plan 4;
(14) do as per plans 5 and 6;
(15) do as per plan 8;
(16) do as per plan 10;
(17) do as per plan 12;
(18) relocating light standards as per plan 11 complete.

George W. Jones, county road commissioner, 11th floor, Hall of Records. Mame B. Beatty, clerk of the board.

BIDS WANTED

COCHISE COUNTY, Arizona—Until January 25, 3 P. M., blds will be received by the Arizona State Highway Commission, Phoenix, for improving the Benson-Douglas Highway, AFE 502, NRM 79-I. The work, which is located within the city limits of Bisbee, consists of replacing paved dip with a concrete box, and incidental work. The work involves:
(1) 750 cu. yds. grading and under pavement;
(2) 225 cu. yds. structural excavation;
(3) 100 cu. yds. imported borrow;
(4) 90 cu. yds. concrete;
(5) 6400 lbs. reinforcing steel;
(6) 740 sq. yds. concrete pavement;
(7) Raising retaining wall;
(8) 6800 lbs. structural steel.

Certified or cashier's check for 5% must accompany each bid. Funds in the sum of $7000 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

Plans and specifications obtainable from above office.

BIDS WANTED.

MARICOPA CO., Ariz.—Until Jan. 30, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for improving Tempe-Mesa Highway (Tempe streets) NRM 8-A, Schedule 1, AFE 535. The work, which lies in Tempe and extends from Third Street southerly on Mill Avenue to First Street, consists of widening and resurfacing the existing pavement with cutback asphalt and incidental work.

The work involves:
(1) 750 c.y. roadway excavation;
(2) 1331 l.f. combined curb and gutter
(3) 375 c.y. select material;
(4) 3100 sq. yds. standard plant mix;
(5) 7800 sq. yds. special plant mix;
(6) 27 tons cutback asphalt;
(7) 11 tons emulsified asphalt;
(8) 25 hours rolling;
(9) 25 M. gallons sprinkling;
(10) 1331 l.f. formation and finishing shoulders;
(11) 37 c.y. screenings.

Certified or cashier's check for 5% must accompany each bid. Funds in the sum of $10,000 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

Plans and specifications obtainable from the above office.

BIDS WANTED.

GRAHAM CO., Arizona.—Until Jan. 30, 11 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for improving Douglass-Safford Highway, NRS 114, AFE 8102. The work, which is located approximately 35 miles south of Safford on the Douglas-Safford road near the junction with the Bowie road, consists of the grading, draining and placing of aggregate base course on about one and one-third miles of roadway.

The work involves:
(1) 17,100 c.y. roadway excavation;
(2) 300 c.y. structure excavation;
(3) 500 c.y. borrow excavation;
(4) 2,200 c.y. drainage excavation;
(5) 83 c.y. concrete;
(6) 6,000 lbs. reinforcing steel;
(7) 416 l.f. CMP of various sizes;
(8) 100 M. gals. sprinkling;
(9) 50 hours rolling;
(10) 39 MBM treated timber;
(11) 2 MBM untreated timber;
(12) 960 l.f. treated timber piles;
(13) 50 l.f. pile cut-off;
(14) 760 l.f. type A bank protection;
(15) 90 sq. yds. oil mix;
(16) 650 gallons cutback asphalt;
(17) 3,600 c.y. aggregate base course, CIP;

Alternate: 4 MBM redwood timber.

Certified or cashier's check for not less than 5% required. Funds in the sum of $30,000 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

Plans and specifications obtainable from the above office.

BIDS WANTED.

MARICOPA CO., Ariz.—Until Jan. 30, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for improving the Phoenix-Yuma Highway, NRH 46-A, AFE 8029. The work, which extends from 19th Ave. and Buckeye Road westerly 13 miles to the Agua Fria bridges, consists of widening the existing concrete pavement with cutback plant mix, involving:
(1) 19,100 c.y. roadway excavation;
(2) 14,100 c.y. coarse aggregate base course;
(3) 4500 c.y. fine do;
(4) 9350 tons plant mix;
(5) 450 tons cutback asphalt;
(6) 450 c.y. screenings;
(7) 50 M. gals. sprinkling;
(8) 50 hours rolling.

Certified or cashier's check for 5% required. Funds in the sum of $100,700 have been programmed for this project. T. S. O'Connell, State Highway engineer.

BIDS WANTED.

COLUMBIA COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium third floor, Public Service Bldg., Portland, for 0.45 mile grading and paving on the East Rainier Section of Columbia River Highway, in Columbia County, U. S. P. W. Project NRM 173-A.

The work requires approximately

33,000 cu. yds. excavation, and 5400 sq. yds. Portland cement concrete pavement.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

TENTATIVE PROGRAM APPROVED

STATE OF NEVADA.—State Directors have approved budget submitted by S. C. Durkee, State Highway Engineer, for calendar year 1935. Tentative construction program based on anticipated 1935-36 Federal aid appropriation involves expenditure of $2,-756,600, distributed as follows:

New Construction: (Miles) 137.11; (Cost) $1,099,000.

Reconstruction, Gravel: 82.92; $520,-000.00.

Reconstruction, Oil treated gravel: 80.53; $573,000.00.

Reconstruction, Plantmix asphaltic surface, 27.38; $385,000.00.

Reconstruction, Cement or asphalt concrete surface, 9.45; $342,000.00.

Bituminous Treated Surface, 239.10; $601,000.00.

Roadside Beautification: 44; $21,-000.00.

Footpath Construction: 2.00; $2,000.

Construction of Grade Crossing Signals: $3,600.00.

Bridges: $210,000.00.

Construction Program Total, $3,-756,600.00.

Maintenance & administrative costs bring the total budget to $4,406,600.

Following are the construction projects on the 1935 program:

CHURCHILL CO.: 0.02 miles concrete bridge and approaches at Eastgate, $20,000; 3.74 miles reconstruction, oil gravel surface, 8 miles east of Eastgate to Lander county line, $57,000; 16.60 mi. reconstruction, gravel surface, 9.6 miles south of Fallon to Churchill-Lyon county line (Rte. 1A) $100,000.

CLARK COUNTY: 16.27 miles reconstruction, plant mix asphaltic surface, Jean to Bard, $220,000; 10.18 mi. widening shoulders, Las Vegas to 10 miles southeast, $50,000; two miles footpath construction, Las Vegas to North Las Vegas, $2,000; construct grade crossing signals, St. Thomas Branch U. P. at Glendale, $1,800; 6.12 miles oil treatment of gravel surface, Junction Route 6 to Logandale, $15,-000.

DOUGLAS COUNTY: 1. 8 miles reconstruction, widen and resurface, Minden to Gardnerville, $27,000; ten miles roadside beautification, California State Line to Glenbrook-Lake Tahoe, $15,000; 3.86 miles oil treatment of gravel surface, 4 miles south of Minden to California State Line, $10,-000.

ELKO COUNTY: 67.96 miles of oil treatment of gravel surface, Wells to Idaho State Line, $140,000; 15 miles new construction, gravel surface, from Warm Springs Ranch to 15 miles north $120,000; one mile concrete overpass structure and approaches, one - half mile west of Wells, $65,000; replacing old timber bridge, $1,800; construction of grade crossing signals, Oregon Short Line R. R. near Contact; 15 mi. new construction, gravel surface, Elko to 15 miles north, $150,000; 12 miles new construction, gravel surface, 25 miles north of Currie to Warm Springs Ranch, $84,000.

ESMERALDA COUNTY: 23.16 miles oil treatment of gravel surface, six miles west of Millers to Coaldale, $47-000; 10.18 miles oil treatment of gravel surface, Coaldale to Mineral County Line (Route 10) $27,000; 13.15 miles place additional gravel and oil, oldfield to 13 miles south, $52,000; 13.28 miles reconstruction, gravel surface, Coaldale to west Esmeralda county line, $93,000; 5.98 miles reconstruction,

RIVERSIDE CO.—4.0 Miles Grading and Surfacing—(State)

RIVERSIDE COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $103,254.76, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, January 17, for grading and surfacing with bituminous treated gravel or stone about 4.0 miles in Riverside County, between four miles west of Shavers Summit and Shavers Summit. The work involves:

(1) 88,500 cu. yds. rdwy. excavation, without classification;
(2) 175,000 sta. yds. overhaul;
(3) 93,000 c.y. ditch excavation;
(4) 2,450 c.y. structural excavation.
(5) 214 l.f. 24-in. CMP;
(6) 334 l.f. 30-in. CMP;
(7) 11,300 tons gravel or stone;
(8) 500 tons cut back asphalt;
(9) 295 tons fuel oil;
(10) 48,100 sq. yds. preparing, mixing and shaping road bed;
(11) 198 stations, finishing rdwy.;
(12) 100 each monuments;
(13) 86 MFBM creosoted Douglas fir timber, 10-lb. treatment;
(14) 206 M. b.m. do, 8-lb. treatment;
(15) 25 M ft board measure redwood timber dense select all - heart structural grade;
(16) 9,108 lin ft. furnishing creosoted Douglas fir piles;
(17) 414 each driving piles;
(18) 22,800 lbs structural metal.
(19) 730 l.f. bank protection fence.

Complete total bid follows:

(A) Oswald Bros., Los Angeles	$103,254.76
(B) V. R. Dennis Const. Co., San Diego	106,718.40
(C) Geo. Herz & Co., San Bernardino	109,425.40
(D) Sharp & Fellows Contr. Co., Los Angeles	111,032.60
(E) Fredrickson and Watson Const. Co. and Fredrickson Bros., Oakland	111,355.40
(F) A. Teichert & Son, Inc. Sacramento	112,332.89
(G) Heuser & Garnett, Glendale	112,686.89
(H) Daley Corp., San Diego	117,042.40
(I) Geo. J. Bock & Sons, Los Angeles	120,794.78

	(A)	(B)	(C)	(D	(E)	(F)	(G)	(H)	(I)
(1)	$ .21	$ .22	$ .26	$ .24	$ .21	$ .20	$ .20	$ .18	$ .22
(2)	.005	.005	.01	.01	.005	.005	.007	.006	.005
(3)	.12	.12	.12	.16	.12	.12	.15	.15	.14
(4)	.60	.50	.70	.60	.90	.60	1.00	.60	.70
(5)	2.80	3.50	3.00	2.50	3.00	3.00	2.50	3.00	3.00
(6)	3.50	4.00	4.00	3.25	3.60	4.00	3.25	3.85	4.00
(7)	1.25	1.15	.97	1.50	1.80	1.80	1.47	2.30	1.85
(8)	17.50	17.00	19.00	15.50	15.00	18.50	18.00	20.50	18.00
(9)	12.00	12.00	11.50	10.50	10.00	12.00	12.50	12.30	13.50
(10)	.04	.05	.035	.04	.05	.05	.05	.03	.06
(11)	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.25	5.00
(12)	2.50	2.00	3.50	3.00	2.50	3.50	2.50	3.25	3.00
(13)	83.00	80.00	84.00	84.00	83.00	85.00	85.00	77.50	93.00
(14)	79.00	80.00	80.00	81.00	83.00	85.00	85.00	75.50	90.00
(15)	99.00	120.00	120.00	96.00	90.00	100.00	85.00	77.50	115.00
(16)	.57	.55	.55	.50	.70	.60	.60	.55	.66
(17)	11.00	15.00	14.00	8.90	10.00	12.00	12.00	12.25	12.00
(18)	.07	.08	.10	.07	.06	.065	.10	.11	.08
(19)	4.50	6.00	5.00	4.00	6.00	5.00	5.00	5.15	5.50

PINAL CO., Ariz. — Casa Grande Underpass — (State)

PINAL COUNTY, Ariz.—Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix (as previously reported, submitted the low bid to the Arizona State Highway Commission, Phoenix, January 15, and awarded contract at $77,400.30 for highway construction on the Casa Grande - Gila Bend Highway (AFE 540 and 840). The work, which is to extend from the town of Casa Grande westerly one mile, consists of constructing a railway underpass with grading, draining, concrete pavement, and cutback road mix. The principal items and approximate quantities are:

(1) 443 c.y. rdwy. excav., unclass.;
(2) 792 c.y. drainage do;
(3) 85 c.y. structural do;
(4) 607 sta. yds. earthwork overhaul;
(5) 2224 c.y. mi. earthwork haul;
(6) 3672 c.y. aggregate base course, CIP;
(7) 3 c.y. Class A concrete (including cement);
(8) 124 lbs. reinf. steel bars, CIP;
(9) 8545 l.f. standard line fence, CIP;
(10) 300 l.f. grader ditches;
(11) 120 l.f. removing concrete curb and gutter;
(12) 535 sq. yds. removing old concrete pavement;
(13) 1 lump sum removing concrete box (Sta. 3094 plus 00);
(14) 20 l.f. 12-in. CMP, inc. bands;
(15) 145 l.f. 24-in. do;
(16) 135 l.f. 30-in. do;
(17) 147 each guide posts, CIP;
(18) 2106 sq. yds. grading under pavement;
(19) 2106 sq. yds. 6-in. concrete pavement, CIP;
(20) 419 l.f. combined curb and gutter, CIP;
(21) 1021 cu. yds. shoulder material, CIP;
(22) 1164 cu. yds. mineral aggregate, CIP;
(23) 88 tons cutback asphalt ,CIP, for road mix and seal coat;
(24) 0.0845 mile processing road mix;
(25) 77 c.y. screenings, C.P;
(26) 21 M. gals. sprinkling, CIP;
(27) 42 hours rolling;

Structures Over 20-ft. Clear Span

(28) 261 c.y. drainage excav., unclass.;
(29) 11,308 c.y. struc. do;
(30) 1000 sta. yds. earthwork overhaul
(31) 10,146 c.y. mi. earthwork haul;
(32) 71 c.y. Class AA concrete, inc. cement;
(33) 1078 c.y. Class A do;
(34) 487 c.y. concrete for deck and girders, inc. cement;
(35) 189,210 lbs. reinf. steel bars, CIP;
(36) 4180 sq. ft. 4-in. concrete slope pavement, CIP;
(37) 4545 sq. ft. wire mesh reinf., CIP;
(38) 20 l.f. 2-in. galv. iron tube, CIP;
(39) 84 l.f. 4-in. cast iron pipe, CIP;
(40) 45 l.f. 10-in. do;
(41) 1 lump sum place and remove fill for shoofly;
(42) 2000 l.f. 4-in. vit. clay pipe, CIP;
(43) 340 l.f. 10-in. do;
(44) 1 lump sum electrical equipment, CIP;
(45) 1 lump sum pump house and pumping system, CIP;
(46) 1 lump sum membrane and asphalt plank waterproofing, CIP.
(47) 2 each cartouche, CIP;
(48) 1513 sq. yds. 6-in. concrete pavement, CIP;
(49) 1438 l.f. comb. curb and gutter, CIP;

(50) 1 lump sum moving railroad platform.

The total bids were:

(A) Phoenix-Tempe Stone Co., $77,400.30.

(B) Daley-Vinson & Pringle, Phoenix, $78,977.80.

(C) R. C. Tanner-W. E. Hall Co., Phoenix, $79,033.59.

(D) Pearson & Dickerson Contractors, Inc., Prescott, $80,860.85.

(E) Kenneth De Witt, Mesa, Ariz., $84,321.76.

(F) Heuser & Garnett, Glendale, Cal. $98,816.88.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .24	$ .23	$ .25	$ .27	$ .35	$ .26
(2)	.24	.20	.20	.27	.60	.26
(3)	1.20	.80	1.00	.60	1.00	.60
(4)	.025	.06	.05	.03	.04	.03
(5)	.20	.17	.30	.015	.20	.20
(6)	.55	.60	.75	.60	.85	1.35
(7)	18.00	19.00	20.00	25.00	20.00	21.00
(8)	.045	.06	.045	.048	.045	.055
(9)	.07	.07	.07	.06	.06	.065
(10)	.06	.05	.07	.02	.10	.05
(11)	.42	.23	.25	.25	.20	.07
(12)	.42	.90	.25	.50	.60	.20
(13)	12.00	6.00	80.00	50.00	70.00	15.00
(14)	1.15	1.20	1.25	1.25	1.30	1.20
(15)	2.40	2.50	2.70	2.50	2.60	3.00
(16)	3.10	3.10	3.50	3.15	3.20	4.00
(17)	1.75	2.10	2.00	1.90	2.50	2.60
(18)	.06	.09	.07	.19	.25	.11
(19)	2.40	2.50	2.25	2.50	2.40	3.00
(20)	1.00	.80	1.20	.88	1.25	1.50
(21)	.60	.60	.75	.63	.85	1.35
(22)	2.65	3.00	1.80	2.00	2.90	3.00
(23)	26.50	30.00	28.00	30.00	32.00	28.00
(24)	700.00	800.00	600.00	700.00	600.00	750.00
(25)	5.00	3.00	5.00	5.00	4.00	5.00
(26)	2.00	2.60	3.00	2.00	3.00	3.00
(27)	3.00	4.50	3.00	5.00	5.00	5.00
(28)	.22	.20	.20	.27	1.50	.26
(29)	.22	.34	.33	.315	.40	.60
(30)	.025	.06	.04	.025	.04	.03
(31)	.20	.12	.10	.15	.15	.20
(32)	60.00	57.00	60.00	60.00	65.00	75.00
(33)	18.00	17.25	17.00	19.00	17.50	21.00
(34)	18.40	17.25	17.50	19.00	17.50	22.00
(35)	.045	.044	.04	.048	.045	.055
(36)	.16	.24	.28	.28	.25	.20
(37)	.03	.03	.04	.025	.04	.03
(38)	.45	.55	.25	.38	.45	.40
(39)	.95	1.00	1.25	.95	1.20	1.30
(40)	2.50	3.00	2.50	2.50	2.90	3.50
(41)	675.00	850.00	500.00	700.00	1600.00	900.00
(42)	.40	.39	.80	.38	.40	.45
(43)	.95	1.00	1.25	.95	1.00	1.00
(44)	975.00	950.00	1200.00	1025.00	925.00	1300.00
(45)	3100.00	3800.00	5000.00	3500.00	3700.00	3500.00
(46)	1600.00	1635.00	1500.00	1780.00	1600.00	1700.00
(47)	70.00	70.00	100.00	60.00	35.00	150.00
(48)	2.40	2.50	2.25	2.50	2.40	3.00
(49)	1.00	1.00	1.20	.88	1.25	1.50
(50)	300.00	400.00	1000.00	300.00	602.00	175.00

gravel surface, 13 miles south of Goldfield to Nye county line, $36,000.

HUMBOLDT COUNTY: 0.14 mile concrete bridge and approaches, 40-ft. width, Winnemucca, over Humboldt river, $125,000; 30.18 miles oil treatment of gravel surface, Orovada to Oregon State Line, $75,000; 11.87 miles oil treatment of gravel surface, Winnemucca to Toll House, $24,000; 12.25 miles reconstruction, gravel surface, Toll House to Paradise Hill, $75,000; 0.88 mile reconstruction, gravel surface, City of Winnemucca, $15,000.

LANDER COUNTY: 12.41 miles oil treatment of granite sand surface, 12 miles east of Austin to Austin, $50,000; 6.17 miles reconstruction, oil gravel surf., Campbell Creek to Churchill county line, $93,000; 1.5 miles reconstruction, oil gravel surface, Austin cemetery through Austin, $20,000.

LINCOLN COUNTY: 14 miles new construction, gravel surface, Alamo to Crystal Springs, $145,000; 5 miles new construction, gravel surf., Crystal Springs to 5 miles east, $30,000.

LYON COUNTY: 5.55 miles place additional gravel and oil, 9½ miles east of Yerington to Mineral county line, $21,000; 11.11 miles reconstruct plant mix asphaltic surface, Washoe county line to five miles northeast of Fernley, Fernley overpass to 1½ mi. south, $165,000; 0.34 mile new construction, gravel surface, Silver City to Storey county line, $5,000; 3.44 mi. oil treatment of gravel surface, two miles east of Mound House to Silver City, $8,000; 2.29 miles reconstruction, gravel surface, Churchill county line to Mineral county line (Route 1A) $15,000.

MINERAL COUNTY: 8.48 miles oil treatment of gravel surface, Kinkead to 3 miles west of Luning, $17,000; 11.2 miles place additional gravel and oil, Lyon County line to Schurz, $64,000; 24.39 miles oil treatment of gravel surface, Esmeralda county line to California State Line at Montgomery Pass, $73,000; 7.59 mi. reconstruction, gravel surface, Esmeralda county line to Rhodes, $47,000; 9.88 miles reconstruction, gravel surface, Lyon county line to Schurz (Route 1A), $65,000; 21.88 miles new construction, gravel surface, Rhodes to Basalt, $220,000.

NYE COUNTY: 6.42 miles place additional gravel and oil, Stonewall Pass to six miles south, $27,000; 12.92 miles place additional gravel and oil, three miles north of Springdale to Beatty, $52,000; 14.19 miles oil treatment of gravel surface, Callows to 7 miles east of Lockes, $50,000; 27 miles new construction, gravel surface, 7 miles east to 20 miles west of Lockes, $190,000; 3.99 miles reconstruction, gravel surface, Esmeralda county line to Stonewall Pass, $24,000.

ORMSBY COUNTY: 3.93 miles roadside beautification, Carson City to Washoe county line, $500.

PERSHING CO.: 5 miles roadside beautification, Lovelock to five miles east, $2,000.

STOREY COUNTY: 3.89 miles new construction, gravel surface, Lyon Co. line to Virginia City, $55,000.

WASHOE COUNTY: 3.67 miles reconstruction, cement or asphalt concrete surface, California State Line to Verdi, $142,000; 4.22 miles reconstruction, cement or asphalt concrete surface, Lawtons to Reno, $150,000; 23 miles new construction, gravel surface, 10 miles north of Reno to Pyramid Lake, $100,000; 25.07 miles roadside beautification, Reno to Ormsby county line, $3,500.

WHITE PINE COUNTY: 20.08 miles reconstruction, oil gravel surface, East foot Connors Pass to Lake Valley Summit, $160,000; 22.86 miles oil treatment of gravel surface, West foot of Murray Summit toward Currant Creek $65,000; 1.56 miles cement concrete pavement, City of Ely, $50,000.

BIDS WANTED

UMATILLA COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commmission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 1.32 miles grading and surfacing, 0.32 mile oil mat surface treatment, and 1.0 mile penetration type bitumminous macadam on the State Hospital-Ash Street Unit, Pendleton Section of Old Oregon Trail, Umatilla County, U.S.P.W. Project NRM 40-C. The work also includes grading of 0.7 mile railway roadbed.

The work requires approximately 8800 cu. yds. excavation; 37,000 cu. yds. gravel embankment in place; 1800 cu. yds. crushed rock surfacing materials; 5200 sq. yds. oil mat surface treatment, and 10,800 sq. yds. penetration type bituminous macadam.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5. 9

BIDS WANTED

UNION COUNTY, Oregon — Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.43 mile grading and surfacing on the Elgin Section of Wallowa Lake Highway, Union County, U.S.P.W. Project NRM and H-5.

The work requires approximately 7200 cu. yds. excavation; 2800 cu. yds. gravel topping, and 500 cu. yds. salvaged surfacing materials.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

WASHINGTON COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.45 mile pavement resurfacing on the Second Street-Seventh Street Unit, Forest Grove Section of Tualatin Valley Highway, Washington County, U.S.P.W. Project No. NRM 183-D.

The work requires approximately 1200 cy. yds. sewer trench excavation, and 1000 tons of asphaltic econcrete.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5. 9

BIDS WANTED

WASHINGTON COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.44 mile pavement widening and resurfacing on the Range Street-Fifth Street Unit, Hillsboro Section of Tualatin Valley Highway, Washington County, U.S.P.W. Project No. NRM 183-E.

The work requires approximately 4200 lin. ft. integral concrete curb and gutter; 800 sq. yds. Portland cement concrete driveways; 1600 sq. yds. Portland cement concrete to base, and 1200 tons asphaltic concrete.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

WASHINGTON COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 1.1 miles grading and paving on the Votaw Unit, Multnomah County, Line-Newberg Section of West Side Pacific Highway, Washington County, U.S.P. W. Project NRH-73.

The work requires approximately 62,000 cu. yds. excavation; 13,100 sq. yds. Portland cement concrete pavement, and 7800 sq. yds. rock shoulders

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

JOSEPHINE COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 1.3 miles grading, surfacing, and oil mat surface treatment on Murphy-Grays Creek Section of Williams Secondary Highway, Josephine County, U.S.P.W. Project NRS 244.

The work requires approximately 22,000 cu. yds. excavation; 4200 cu. yds. gravel topping; 2200 cu. yds. screened gravel surfacing, and 13,700 sq. yds. oil mat surface treatment.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED.

SAN FRANCISCO. — Pacific Pavements Co., Ltd., 85 Barstow St., at $2,316 submitted low bid and awarded contract by the State Board of Harbor Commissioners, Ferry Bldg., San Francisco, for paving Pier No. 42.

The other bids were:

Eaton & Smith	$2,526
Fay Improvement Co.	2,529
Pacific States Const. Co.	2,850
A. G. Raisch	2,967

MADERA COUNTY — 3.7 MILES GRADING — (STATE)

MADERA COUNTY, Cal.—George J. Bock & Son, 1007 S. Harvard Blvd., Los Angeles, at $121,722.80 submitted low bid to the State Highway Commission, Sacramento, for about 3.7 miles grading in Madera County, bet. Course Gold and Hawkins School. The work involves:

(1) clear and grub right of way;
(2) 140,000 c.y. rdwy. excav., unclass.
(3) 280,000 sta. yds. overhaul;
(4) 2,965 c.y. structure excavation;
(5) 722 c.y. Class A Portland cement concrete (structures);
(6) 52 c.y. Class B do;
(7) 81,200 lbs. bar reinf. steel (do);
(8) 270 l.f. 8-in. CMP;
(9) 1,442 l.f. 18-in. CMP;
(10) 1056 l.f. 24-in. CMP;
(11) 316 l.f. 30-in. CMP;
(12) 104 l.f. 36-in. CMP;
(13) 28 each spillway assemblies complete in place;
(14) 2 each cast steel grates & frames
(15) 550 each timber guide posts,
(16) 60 each culvert markers
(17) 7 miles new property fence,
(18) 18 each fence gates,
(19) 5,640 M. gals. water,
(20) 9 MFBM dense select all heart structural grade redwood timber;
(21) 22 MFBM select all heart do
(22) 195 stations finishing roadway.
(23) 104 each monuments complete in place.

Total bids follow:

(A) George J. Bock & Son, Los Angeles, $121,722.80.
(B) Mittry Bros. Constr. Co., Los Angeles, $123,144.80.
(C) A. Teichert & Son, Sacramento, $126,888.20.
(D) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, $134,097.
(E) Peninsula Paving Co., San Francisco, $136,375.65.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$4500.00	$4000.00	$3400.00	$2400.00	$2500.00
(2)	.47	.475	.50	.57	.58
(3)	.01	.01	.005	.005	.01
(4)	1.30	2.00	2.00	1.75	1.75
(5)	24.00	22.00	25.00	22.00	23.00
(6)	18.00	21.00	20.00	14.00	19.00
(7)	.05	.005	.05	.055	.045
(8)	1.15	1.10	1.00	.90	.95
(9)	2.10	2.00	2.00	1.90	1.75
(10)	3.25	2.75	2.70	2.60	2.65
(11)	4.35	3.45	3.50	3.30	3.55
(12)	6.50	5.15	5.00	5.00	5.25
(13)	20.00	15.00	15.00	15.00	16.00
(14)	40.00	40.00	47.00	35.00	40.00
(15)	1.50	2.00	1.50	1.80	1.80
(16)	1.50	2.00	1.60	1.80	1.80
(17)	450.00	450.00	450.00	400.00	500.00
(18)	25.00	20.00	18.00	18.00	22.00
(19)	.80	.90	1.15	1.30	1.00
(20)	95.00	95.00	100.00	100.00	100.00
(21)	87.00	95.00	85.00	100.00	90.00
(22)	5.00	6.00	5.00	8.00	10.00
(23)	3.00	4.00	3.00	3.00	4.00

ARISS - KNAPP CO.
CONTRACTORS
STEAM SHOVEL WORK — GRADING
EXCAVATING — MOTOR TRUCKING
Phone PIedmont 0436
961 Forty-first Street - Oakland, Calif.

WILLIAMS - WALLACE COMPANY
SOLE DISTRIBUTORS AND MANUFACTURERS OF
Universal Form Clamp Company's
Products on the Pacific Coast
Form Clamps, Cone Nuts, Paper Tubing, Beam Clamps, Anchor Slot, Brick Anchors, Stone Anchors, Terra Cotta Anchors, Soffit Spacers, Screed Chairs, Sleeper Anchors, Beam Cleats
Supports and Spacers for Reinforcing Steel
HEmlock 0378 - 160 Hooper Street

BIDS WANTED

BAKER AND UNION COUNTIES, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Building, Portland, for furnishing approximately 4,000 cu. yds. crushed rock in stockpiles on the North Powder-Haines Rock Production Project on Old Oregon Trail, in Baker and Union Counties. State Project.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

POLK AND YAMHILL COUNTIES, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for furnishing approximately 6000 cu. yds. crushed rock or crushed gravel in stockpiles on the Grand Ronde-Sheridan Rock Production Project on Salmon River and McMinnville-Tillamooo Highways in Polk and Yamhill Counties. State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

LINCOLN COUNTY, Oregon—Until January 31, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.64 mile grading, surfacing and penetration type bituminous macadam on the Todledo Section of Corvillis-Newport Highway, Lincoln County, U.S.P.W. Project NRM 150-B. Also, for the removal of buildings from right-of-way.

The work requires approximately 24,000 cu. yds. excavation; 4500 cu. yds. roadbed topping; 2200 cu. yds. rock surfacing, and 11,500 sq. yds. penetation type bituminous macadam.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED.

SAN JOAQUIN, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties, Cal.—Until February 2, 10 A. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 47 N Grant St., Stockton, for applying Diesel oil to roadside vegetation over a distance of about 199.7 roadside miles at various locations in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Cos.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED.

RIVERSIDE COUNTY, Cal.—Oswald Bros., 366 E 5th St., Los Angeles, at $103,254.75 awarded contract by State Highway Commission, Sacramento, for grading and surfacing with bituminous treated gravel or stone about 4 miles in Riverside County between 4 miles west of Shavers Summit and Shavers Summit.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until February 14, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 0.8 mile of grading and paving with Portland cement concrete in Los Angeles County, between Pier Ave. and Sepulveda Blvd. The work involves:

(1) 44 stations clear and grub R/W;
(2) 65,800 cu. yds. roadway excav. unclass.;

COCHISE CO., ARIZ.—Grading and Draining—(State)

COCHISE COUNTY, Ariz. — R. E. Martin & Co., Box 934, Tucson, Ariz., as previously reported, submitted the low bid to the Arizona State Highway Commission, Phoenix, January 15 at $22,898.87 (alternate bid $23,018.87) for construction on the Douglas - Safford Highway, NRS 114 (1935).

The work, which is located approximately 35 miles south of Safford on the Douglas-Safford road near junction with the Bowie road, consists of grading and draining about one and one-third miles of roadway. Principal items and approximate quantities are:

(1) 17,107 cu. yds. rdwy. excav., unclassified;
(2) 2,231 cu. yds. drainage do;
(3) 1500 cu. yds. slides & overbreakages;
(4) 209 cu. yds. struc. excav., unclass.
(5) 500 cu. yds. borrow do;
(6) 4711 sta. yds. earthwork overhaul
(7) 258 cu. mi. earthwork haul;
(8) 83 cu. yds. Class A concrete (including cement);
(9) 5879 lbs. reinf. steel bars (CIP);
(10) 44 lin. ft. 18-in. CMP (CIP inc. bands);
(11) 126 lin. ft. 24-in. do;
(12) 172 lin. ft. 36-in. do;
(13) 74 lin. ft. 48-in. do;
(14) 3550 lin. ft. grader ditches;
(15) 16 each right of way markers, CIP
(16) 172 each guide posts, CIP;
(17) 100 M. gals. sprinkling, CIP;
(18) 50 hours rolling;
(19) 3567 c.y. aggregate base course, CIP;

Structures Over 20-ft. Clear Span

(20) 2000 c.y. drainage excav., unclass.
(21) 86 c.y. structural do;
(22) 39 MBM treated timber, CIP;
(23) 2 MBM untreated timber, CIP;
(24) 960 l.f. treated timber piles, CIP;
(25) 50 l.f. treated timber piles cut-off
(26) 3 each water barrels, CIP;
(27) 760 l.f. rail bank protection, type A, CIP;
(28) 290 sq. yds. furnish and place oil mix (inc. seal coat) CIP, except cut-back asphalt;
(29) 653 gals. cut-back, CIP, (for oil mix and seal coat); total bid (without alternate);

ALT., (In Lieu of Items 21 and 22

(22) 44 MBM redwood timber, CIP; total bid (using alt. redwood in lieu of treated and untreated timber).

The total bids were:

(A) R. E. Martin & Co., (1) $22,898.87; (2) $23,018.87.

(B) Jack Casson, Phoenix, (1) $23,208.33; (2) $23,202.33.

(C) Phoenix-Tempe Stone Company, Phoenix, (1) $24,696; (2) No bid.

(D) Wm. Peper Const. Co., Tucson, (1) $25,273.57; (2) $25,237.57.

(E) H. J. Hagan, Globe, Ariz., (1) $25,482.01; (2) $26,272.01.

(F) Pearson & Dickerson Contractors, Inc., Prescott, (1) $26,471.34; (2) no bid.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .33	$ .29	$ .36	$ .32	$ .40	$ .38
(2)	.30	.29	.36	.32	.30	.32
(3)	.2475	.2175	.27	.24	.30	.285
(4)	1.00	1.00	2.00	1.50	1.50	.85
(5)	.25	.01	.36	.50	.30	.38
(6)	.03	.02	.03	.05	.02	.03
(7)	.15	.01	.18	.30	.50	.50
(8)	22.00	25.00	28.50	30.00	25.00	28.00
(9)	.07	.07	.065	.08	.06	.07
(10)	2.50	2.00	1.90	2.50	2.00	2.00
(11)	3.25	2.75	2.80	3.50	3.00	3.00
(12)	5.25	4.50	5.50	6.00	6.00	6.00
(13)	8.50	7.50	8.90	8.50	10.00	10.00
(14)	.07	.03	.03	.05	.05	.035
(15)	3.50	3.50	3.00	4.00	2.50	3.50
(16)	3.00	2.25	3.00	2.00	2.00	2.50
(17)	2.50	3.75	5.00	3.00	3.00	4.00
(18)	3.00	5.00	3.00	3.00	4.00	5.00
(19)	.50	.65	.55	.60	.70	.53
(20)	.30	.35	.36	.25	.30	.38
(21)	1.00	1.00	2.00	1.50	2.00	.85
(22)	100.00	110.00	100.00	1.10	110.00	120.00
(23)	80.00	80.00	80.00	95.00	100.00	80.00
(24)	1.80	1.50	1.30	1.50	1.40	1.50
(25)	.975	1.12	.975	1.125	1.05	1.125
(26)	10.00	5.00	4.00	15.00	10.00	12.00
(27)	3.50	3.50	3.50	4.00	3.00	4.00
(28)	.50	.80	.50	1.00	.50	.70
(29)	.20	.25	.20	.25	.15	.40
(22)	95.00	101.00	.....	101.00	120.00	.....

SAN FRANCISCO — VIADUCT REPAIRS — (CITY)

SAN FRANCISCO — E. J. Treacy, 309 Call Bldg., San Francisco, at $4,026.05 submitted low bid to the Department of Public Works, City Hall, for repairs to the Mission Viaduct at Cayuga Ave. (Cayuga Ave. underpass, Mission Viaduct), involving:

(1) 1500 cu. yds. excavation and backfill;
(2) 230 cu. ft. cutting out disintegrated concrete and guniting;
(3) 300 lbs. furnishing and setting steel reinforced bars;
(4) 5 furnishing and setting connections for electrolysis readings;
(5) 20 sq. yds. plastering;
(6) 5400 sq. yds. painting;
(7) 21 MBM shoring;
(8) Cutting down and repairing sewer work chamber, including new slab and furnishing and setting manhole frame and cover, lump sum.

Total bids follow:

(A) E. J. Treacy, San Francisco, $4,026.05.

(B) Chas. L. Harney, S. F., $5442.

(C) M. Bertolino, San Francisco, $5920

(D) Theo. Cohn, San Francisco, $5985.

(E) Eaton & Smith, San Francisco, $6532.50.

(F) O. Monson, S. F., $6596.60.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .805	$ 2.00	$ 1.70	$ 1.50	$ 1.55	$ 1.83
(2)	1.835	4.00	4.00	2.00	2.20	2.12
(3)	.05	.20	.15	.10	.20	.15
(4)	2.50	15.00	10.00	5.00	6.00	10.00
(5)	2.00	4.00	3.00	1.50	1.25	1.75
(6)	.24	.13	.30	.35	.25	.26
(7)	22.00	9.00	25.00	50.00	95.00	58.00
(8)	571.00	400.00	150.00	250.00	241.50	612.00

(3) 72,000 sta. yds. overhaul;
(4) 200 cu. yds structure excav.;
(5) 20,500 sq yds. subgrade preparation;
(6) 750 tons asphalt concrete;
(7) 3425 Cu. yds. Class A Portland cement concrete (pavement);
(8) 5 cu. yds. Class A do (structures)
(9) 45,500 lbs. bar reinforcing steel;
(10) 830 each pavement dowels;
(11) 10 lin. ft. 12-in. C.M.P.;
(12) 260 lin. ft. 24-in. C.M.P.;
(13) 200 cu yds. concrete removed and disposed of;
(14) 2 each adjusting manholes to grade;
(15) 750 M. gals. water;
(16) 115 tons fuel oil;
(17) 14,000 sq. yds. preparing, mixing, and shaping shoulders;
(18) 4 each culvert markers;
(19) 44 stations finishing roadway.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

ORANGE COUNTY, Cal.—Unail Feb. 14, 2 P. M., bids will be received by State Highway Engineer, State Bldg., Los Angeles, for 1.1 mile grading and paving with Portland cement concrete in Laguna Beach, between Cypress Street and south city limits. The work involves:

(1) 58 stations clear and grub R/W;
(2) 56 900 cu. yds. rdwy. excavation unclass.;
(3) 1,150,000 sta. yds. overhaul;
(4) 2900 cu. yds. structure excavation
(5) 25,700 sq. yds. subgrade for pave.
(6) 5410 cu. yds. Class A Portland cement concrete pavement;
(7) 1200 each pavement dowels;
(8) 9.0 cu. yds. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways);
(9) 1205 cu. yds. do (structures);
(10) 3.5 cu. yds. do (railing);
(11) 150,000 lbs. bar reinforcing steel (pavement and structures);
(12) 9500 lbs. misc. iron and steel (structures);
(13) 230 lin. ft. 24-in. C.M.P.;
(14) 60 lin. ft. 42-in. C.M.P.;
(15) 100 lin. ft. 60-in. C.M.P.;
(16) 15 lin. ft. 18-in. standard reinf. concrete pipe;
(17) 75 lin. ft. 24-in. do;
(18) 360 lin. ft. 30-in. do;
(19) 290 lin. ft. pipe handrail;
(20) 800 M. gals. water;
(21) 900 cu. yds. salvaging existing oil surfacing;
(22) 155 tons fuel oil;
(23) 18,500 sq. yds. preparing, mixing and shaping shoulders;
(24) 25 tons asphaltic road oil;
(25) 230 tons screenings;
(26) 830 tons crushed gravel or stone (bituminous treated surfacing);
(27) 45 tons cutback asphalt do;
(28) 58 stations finishing roadway.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED.

SOLANO and SAN JOAQUIN COS., Cal.—Until January 29, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 47 N. Grant St., Stockton, for applying Diesel oil to road side vegetation over a distance of about 129.9 miles at various locations in Solano and San Joaquin counties.

Plans and specifications obtainable from the above office.

LAKE COUNTY—2.5 Mile Grade and Surface—(State)

LAKE COUNTY, Cal. Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $62,732.85 submitted the low bid to the State Highway Commission, Sacramento, for about 2.5 miles of grading and surfacing with untreated gravel and seal coat applied, in Lake County between one mile east of Upper Lake and Manila Ranch.

The work involves:

(1) 20 acres clear and grub right of way;
(2) 79,000 c.y. rdwy. excav., unclass.
(3) 530,000 sta. yd s. overhaul;
(4) 2,200 struc. excavation;
(5) 12 each spillway assemblies;
(6) 200 l.f. 8 -in. CMP;
(7) 900 l.f. 18-in. CMP;
(8) 1,000 l.f. 2 4-in. CMP;
(9) 128 l.f. 30-in. CMP;
(10) 110 l.f. 36-in. CMP;
(11) 50 l.f. 42-in. CMP;
(12) 62 l.f. 48-in. CMP;
(13) 1,000 l.f. 8-in. perforated metal pipe underdrains;
(14) 9 MFBM redwood timber dense select all heart structural grade (cattle passes);
(15) 27 MFBM redwood timber select all-heart struct. grade (cattle passes);
(16) 23,500 tons creek run gravel base;
(17) 7,700 tons screened gravel surf.;
(18) 130 tons fuel oil prime coat;
(19) 55 tons fuel oil seal coat.
(20) 165 tons screenings seal coat.
(21) 2,400 M gals water.
(22) 1.6 miles new property fence.
(23) 0.9 mile special property fence
(24) 12 each fence gates complete in place.
(25) 75 each timber guide posts.
(26) 40 each culvert markers.
(27) 90 c.y. rubble masonry.
(28) 133 stations finishing rdwy.
(29) 35 each monuments complete in place.

Total bids follow

(A) Hemstreet and Bell, Marysville, $62,732.85.
(B) C. W. Caletti & Co., San Rafael, $70,812.25.
(C) A. Teichert & Son, Sacramento, $71,621.50.
(D) Fredrickson & Watson Const Co. and Fredrickson Bros., Oakland, $76,441.85.
(E) Heafey-Moore Co., Oakland, $80,597.50.
(F) Peninsula Paving Co., San Francisco, $81,666.25.
(G) A. G. Raisch, San Francisco, $82,380.00.
(H) Hanrahan - Wilcox Corp., San Francisco, $84,235.50.
(I) T. M. Morgan Paving Co., Los Angeles, $90,976.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)..	$ 20.00	$ 15.00	$ 40.00	$ 12.50	$ 10.00	$ 40.00	$ 20.00	$ 70.00	$ 50.00
(2).	.24	.215	.26	.30	.30	.28	.30	.30	.30
(3).	.005	.0075	.005	.005	.005	.005	.01	.01	.005
(4)	1.00	.80	1 00	1.00	.75	.95	1.00	1.00	1.00
(5)..	15.00	14.00	15.00	16.30	11.00	15.00	20.00	12.00	15.00
(6)..	.85	1.00	1.00	.90	1.00	1.00	1.00	1.00	1.00
(7)	1.55	1.60	2.00	1.75	1.60	1.75	1.75	1.50	2.00
(8)	2.37	2.50	2.50	2.65	2.50	2.50	2.75	2.50	3.00
(9)	3.06	3.40	3.50	3.50	4.00	3.25	3.50	3.00	4.00
(10)	4.80	5.00	5.00	5.50	5.00	5.00	5.00	4.75	3.00
(11)..	6 75	6.50	7.50	7.80	7.00	7.50	8.00	7.00	6.00
(12)	8.45	8.00	8.00	9.00	8.00	9.50	10.00	8 25	7.00
(13)	1.25	1.35	1.30	1.60	2.00	1.50	1.00	1.25	2.50
(14)	90.00	85.00	90.00	100.00	110.00	100.00	90.00	80.00	90.00
(15)	85.00	85.00	82.00	100.00	100.00	95.00	80.00	70.00	85.00
(16)	.50	.80	.72	.80	.83	1.00	.90	.93	1.25
(17)	.80	1.15	1.00	.90	.95	1.10	1.10	1.30	1.35
(18)	15.00	16.00	15.00	14.50	18.50	17.00	12.00	18.00	15.00
(19)	18.00	16.00	21.00	18.50	22.00	22.00	16.00	20.00	15.00
(20)	3.00	3.00	2.40	2.15	3.50	2.00	2.00	3.00	2.50
(21)	1.00	1.00	1.00	1.30	2.00	1.00	1.50	1.00	1.00
(22)	775.00	590.00	700.00	550.00	850.00	700.00	600.00	550.00	450.00
(23)	900.00	590.00	850.00	700.00	1100.00	850.00	700.00	700.00	600.00
(24)	15.00	18.00	35.00	18.00	15.00	30.00	20.00	25.00	15.00
(25)	1.75	1.75	1.50	2.00	2.00	1.75	1.00	1.50	2.00
(26)	1.75	1.75	1.60	2.00	2.00	1.75	1.00	2.00	2.00
(27)	15.00	11.00	12.00	11.50	15.00	12.00	15.00	10.00	12.00
(28)	5.00	6.00	3.00	5.00	4.00	7.00	5.00	5.00	5.00
(29)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	3.00

SAN FRANCISCO—Pacific Avenue Reconstruction—(City)

SAN FRANCISCO—Fay Improvement Co., 760 Market street, San Francisco, at $2,298.90 submitted low bid to the Department of Public Works, City Hall, for the reconstruction of Pacific avenue between Presidio avenue and Walnut street.

The work involves:

(1) 6,784 sq. ft. 6 inch Class "E" concrete pavement.
(2) 550 sq. ft. brick pavement, consisting of a 6 inch Class "F" base and a brick wearing surface.
(3) 400 sq. ft. brick replaced alongside concrete center strip.
(4) 40 l.f. granite curb redressed and reset.
(5) 350 sq. ft. asphalt concrete conform pavement.

Total bids follow:

(A) Fay Improvement Co., San Francisco $2,298.90
(B) Chas. L. Harney, San Francisco 2,313.10
(C) R. S. Silverberg, San Francisco 2,323.00
(D) E. J. Treacy, San Francisco 2,356.61
(E) Eaton & Smith, San Francisco 2,454.02
(F) A. G. Raisch, San Francisco 2,470.20
(G) U. Pelra & Son, San Francisco 2,477.86
(H) M. Bertolinn, San Francisco 2,790.70
(I) M. J. Lynch, San Francisco 2,824.54
(J) Theo. Cohn, San Francisco 3,338.90

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$0.27	$0.275	$0.25	$0.2865	$0.28	$0.30	$0.29	$0.30	$0.31	$0.35
(2)	.48	.35	.52	.35	.52	.40	.44	.75	.75	.95
(3)	.40	.35	.62	.35	.44	.40	.50	.60	.45	.95
(4)	.38	2.00	.75	.70	1.00	.50	.40	1.00	.60	.40
(5)	.08	.10	.18	.15	.15	.25	.15	.18	.30	.12

Bids held under advisement.

U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 5[illegible]

Pubic Library
Civic Center
San Francisco, Calif

B.T.U. becomes a GIANT when your fuel is GAS

A giant in power . . . but a midget in cost. For gas, the modern fuel, is *unsurpassed* in "recoverable" (effective, usable) BTU's* per dollar, for practically every known heat requirement.

In thousands of Pacific Coast buildings, from modest bungalows to sky-scrapers . . . from factories to huge public structures . . . gas, the modern fuel, is daily proving its *cleanliness, dependability* and *economy.*

Satisfied clients and "contented tenants" reward the architect and builder who specify modern gas appliances and gas-fired boilers. (Control may be entirely automatic.)

Your local gas company's engineering staff will gladly consult with you, review your plans, furnish estimates without charge or obligation. You are cordially invited to use this free technical service.

*BTU *(British Thermal Unit)*—Standard of heat measurement. Heat required to raise temperature of one pound of water, one degree Fahrenheit.

Quick Clean Economical
Gas
the modern fuel

PACIFIC COAST GAS ASSOCIATION, INC.
(A non-profit service organization of which your Gas Company is a member)
447 SUTTER STREET, SAN FRANCISCO, CALIFORNIA

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

$50,000 Limit On Insured Loans Proposed

Code Coast-Protection Prices Defended

Building Permits, Advance Reports of Building and Engineering Projects

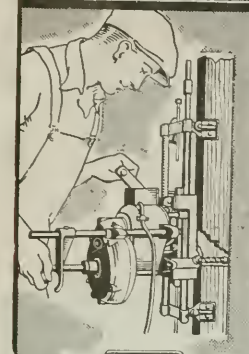
Unit Price Review

SAN FRANCISCO PUBLIC LIBRARY

XVIII—No. 5

FEBRUARY 2, 1935

WAPPAT Electric TOOLS



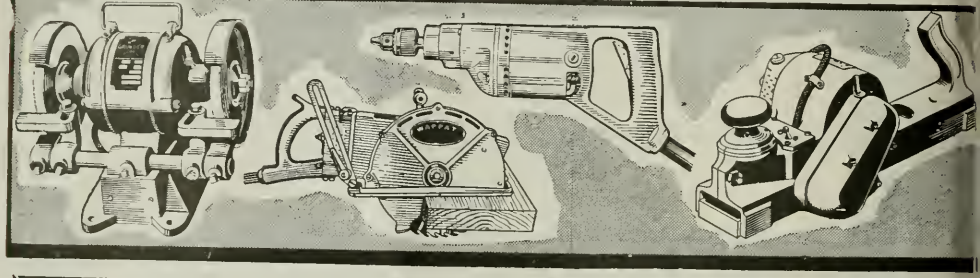
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., FEBRUARY 2, 1935 No. 5

$50,000 Limit on Insurable Loans Sought to Boost Modernization Work

A veritable boon to investment property owners throughout the country would result if Congress should act favorably on suggestions made by industrial leaders to liberalize the provisions of Title I of the National Housing Act by increasing to $50,000 the limit of insurable modernization loans, states a bulletin of the Federal Housing Administration.

Under Title I, as it exists, modernization credit loan funds may be applied to all types of properties and may not exceed $2,000 for each property.

The modification suggested at the recent industrial conference of the Federal Housing Administration would enable owners of industrial, store, apartment, hotel and office building properties to obtain loans for modernization and repairs in amounts up to $50,000.

The successful operation of the modernization credit plan as originally projected is a strong argument for the passage of legislation necessary to bring about the increase in scope asked. During the first five months of operation more than $200,000,000 worth of repair and modernization work was stimulated by the plan. Figures now accessible show that there has been no usual seasonal slowing up in building permits of these types in the first half of January, the FHA reports.

"Housing surveys conducted in a number of cities have shown that apartment structures were as urgently in need of repair as were individual residences," the FHA statement continues.

"Reason for this was noted in the wide change of ownership that has taken place in this type of realty investment in recent years. In the cases where the transfer of ownership was brought about through foreclosure the new owners have, in many instances, found that all of their resources were required to operate, maintain the buildings and pay-up tax arrears. The fact that institutional lending agencies had retired from the mortgage field in most cities has deprived owners of unencumbered property of this type from their usual money sources.

"The same difficulties are encountered by the owners of office buildings. Reductions in the rental rate have so curtailed many incomes that the establishment of a reserve fund for repairs and maintenance has been precluded. Scarcity, or the non-existence of mortgage money has made it impossible for owners to secure funds with which to make the renovations that would justify a higher rental and consequently restore the property income to its proper level.

"Many store buildings are vacant, not because they are situated in neighborhoods that have lost desirability, but because of the fact that the buildings themselves are so outmoded, so in need of repair that would-be tenants believe that the appearance of the store would react against their business. Funds for correcting these conditions have been difficult to procure.

"The need for modernization of industrial plants in illustrated by recent announcements made by many of the major industrial concerns of the nation. Such corporations as the Ford Motor Company; United States Steel Corporation and the Anheuser Busch Brewing Company have disclosed enormous modernization programs scheduled to start in the near future.

"It is reasonable to believe that if these concerns, which have enjoyed profitable business during recent years find it desirable to extensively improve and modernize their plants, despite the fact that usual maintenance work has gone on unchecked, then certain other and less fortunate manufacturing concerns must be in need of similar repairs. The money for this type of modernization would be made available for the smaller industrialists under the revised Title I of the National Housing Act.

NEW BIDS ON SEWAGE PLANT OPEN FEB. 11

Revised Specifications Issued For $147,000 Project at Burlingame

New bids are to be received by Burlingame City Council February 11 for construction of a sewer system and sewage treatment plant.

Bids received last month were rejected when the figures were found to exceed available funds. The city has approximately $147,000 on hand, including a PWA grant to finance the construction, including engineering expenses. A portion of the cost is being shared by the city of Hillsborough.

Charles M. Thomas, city engineer, has revised the specifications to eliminate sludge beds and to substitute a dry fill for dredger fill, which it is expected will bring the job within the appropriation.

The work includes laying vitrified clay pipe sewer; relift station; sewage pumping plant; 20-inch cast iron force main; pile foundations for treatment works; fill from imported borrow for roadway and general fills; reinforced concrete clarifiers; control house, sludge digester, steel gas holder; all necessary pumps and electrical equipment.

A similar sewer construction project to be undertaken by the adjoining city of San Mateo will bring the expenditure on sewer extensions in the three cities of Burlingame, San Mateo and Hillsborough to approximately $300,000.

PWA ENGINEER MOVES LOS ANGELES OFFICE

Offices in Los Angeles of A. D. Wilder, Public Works Administration engineer for California, have been moved from the State Building to 805 Washington Building, Third and Spring streets, where the department will occupy almost the entire eighth floor.

The change was made in order to consolidate all offices of the PWA, the offices of the inspectors in the State Building having been separated from the administrative offices, it is reported. Personnel of the office will remain unchanged.

Open Proposals on $154,000 State Road Work; Morgan, Union Paving Low Bidders

(Special to Daily Pacific Builder)

SACRAMENTO, Jan. 30.—T. M. Morgan Paving Company of Los Angeles today submitted low bid to the State Highway Commission on both of two alternative proposals for grading and paving about nine-tenths of a mile at the north entrance to Redding, Shasta county. The Morgan company's proposals were $92,485 on Alternate B and $95,321 on Alternate A as listed in the bidding schedule.

The Commission also opened proposals for grading and paving about one and one-half miles in the city of Madera, low bid on this work being submitted by Union Paving Company of San Francisco, at $61,735

On the Shasta county job second low bidder was Fredrickson & Watson Construction Co. and Fredrickson Brothers of Oakland, with proposals of $112,335 on Alternate B and $115,387 on Alternate A. The alternates provide for the type of pavement to be used, Alternate B calling for Portland cement concrete and Alternate A for asphalt concrete.

Among the major items included in the schedule are 142,500 cubic yards unclassified roadway excavation, 3,560,000 station yards overhaul, 5,400 square yards preparing subgrade for pavement, 2,176 tons asphalt concrete pavement or 1,005 cubic yards Class A Portland cement concrete pavement (reinforcing steel and pavement dowels are included with the Portland cement concrete alternate), 1,700,000 gallons water and others.

Total bids submitted on the work in Shasta county were as follows:

T. M. Morgan Paving Co., Los Angeles, (Alt. A) $95,321; (Alt. B) $92,485.

Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, (A) $115,387; (B) $112.335.

A. Teichert & Son, Inc., Sacramento, (A) $115,834; (B) $113,750.

Peninsula Paving Co., San Francisco, (A) $119,183; (B) $114,431.

C. W. Caletti & Co., San Rafael, (A) $118,241; (B) $115,476.

Hanrahan - Wilcox Corp., San Francisco, (A) $. : (B) $118,570.

J. F. Knapp, Oakland, (A) $121,685; (B) $119,827.

Geo. Pollock & Co., Sacramento, (A) $131,508; (B) $125,515.

Dunn & Baker, Klamath Falls, Ore., (A) $128,194; (B) $126,953.

The work in Madera county, on which Union Paving Company submitted low bid, involves among others, major items of approximately 10,450 square yards subgrade for pavement, 6,525 tons asphalt concrete, 250,000 gallons water, and 566 cubic yards Class A Portland cement concrete for structures and curbs and gutters. Total bids were as follows:

Union Paving Co., S. F.	$61,735
Valley Paving & Const. Co., Fresno	61,847
Fredrickson & Watson Construction Co., Fredrickson Bros. and Jones & King, Oakland	64,325
Hanrahan-Wilcox Corp., San Francisco	64,857
A. Teichert & Son, Inc., Sacramento	66,105

FEDERAL WAGE LAW PROPOSED FOR HIGHWAYS

San Francisco Congressman Author of Bill to Extend Prevailing Rate

Representative Richard J. Welch of San Francisco is author of a bill to apply the provisions of the Davis-Bacon prevailing wage law to all federal-aid highway work. The measure has been referred to the House Labor Committee.

The proposal would amend the Federal Highway Act so as to provide that: "No payment shall be made to any State on account of the share of the United States in the cost of any Federal-aid highway project (the estimated cost of which exceeds $1,000) undertaken by such State under the provisions of this Act, unless such State causes all laborers and mechanics employing in carrying out such project to be paid not less than the prevailing rate of wages for work of a similar nature in the county or other civil division of the State in which the work is done, and unless such State, in case of any dispute as to what rates of wages shall be paid, which cannot be adjusted by the State highway department, causes such dispute to be referred to the Secretary of Labor, who is hereby authorized to determine such dispute, and whose determination shall be final and conclusive."

The bill would also apply to all road work in excess of $1,000 performed by or in behalf of the United States under the jurisdiction, control or supervision of either the Secretary of Agriculture or the Secretary of the Interior.

PREVAILING WAGE BILL INTRODUCED

A constitutional amendment requiring cities and counties throughout California to pay the general prevailing wage of their communities in doing public works has been proposed to the state legislature by Assemblyman William Hornblower of San Francisco. At present the prevaling wage of a community must be paid only on state jobs.

START WRECKING BUILDINGS ON APPROACH ROUTE

Demolition of 164 Structures Part of Healy-Tibbitts Contract

One of the largest wrecking jobs undertaken in San Francisco since 1906 has been started in area bounded by Fremont and Fifth Streets on the east and west, and Harrison and Bryant Streets on the north and south, in which will be built the main approach to the San Francisco-Oakland Bay Bridge, an area two blocks wide and three-quarters of a mile long.

Within this area there are approximately 135 frame, 20 brick, and nine concrete buildings, ranging from the smallest hovels to good-sized brick and concrete industrial structures.

This work is being performed under the new contract just awarded Healy-Tibbitts Construction Co. to build the San Francisco automobile approaches to the Bay Bridge.

Salvage of five million brick, three million feet of lumber, and several hundred tons of steel is expected to be made out of the structures wrecked.

The weekly report by Chief Engineer C. H. Purcell follows:

West Bay Substructure

The concrete center anchorage reached the level of the lower deck of the bridge last week, and forms into which the concrete will be poured for the lower deck roadway have been built. After this roadway has been poured, the Columbia Steel Company will set up derricks preparatory to erecting the center anchorage steel work which joins the cables on either side of the anchorage.

West Bay Superstructure

Columbia Steel Company has continued the erection of Tower W-5 and the riveting on Tower W-6, immediately west of the island.

Yerba Buena Island

Concrete work on the lining of the side walls of the vehicular tunnel through Yerba Buena Island has been continued by Clinton Construction Company.

East Bay Superstructure

The first span on Yerba Buena Island, which carries the bridge eastward from the tunnel, was completed during the past week by Columbia Steel Company, and another span started.

At the easterly end of bridge construction, which is moving westward, the steel company erected Tower E-9 at the end of the fourteen 288-foot spans.

Erection of the first of the five 508-foot spans will be started during the coming week. These are the through-truss railroad bridge type of span of huge proportions due to the double deck.

In the meantime the first concrete paving of the upper deck of the bridge was started at Span E-22 at the east end.

Cost-Protection Provisions of Code Defended by Authority Before NIRB

Retention of selling-below-cost provisions and cost accounting systems in Chapters of the Construction Code and adequate enforcement of both were asked of the National Industrial Recovery Board in its open hearing in Washington, January 9 to 12 by representatives of the Construction Code Authority and several divisional code authorities.

The Construction Industry Code contains no price fixing provisions, the brief of the Construction Code Authority pointed out to the Recovery Board, the selling-below-cost provisions in several of the Chapters being entirely outside this category. The very nature of the construction industry, with its methods of competitive bidding, the always-varying labor factor, the human equation and organizing ability of the individual contractor, does not lend itself to price fixing or control, it was stated.

The selling-below-cost provisions in the Code, the Code Authority declared are primarily for the protection of the contractor and the consumer in that they provide a check that the proper quantities have been figured, that the bidder will use the type, quality and kind of material that is specified for a projetc, that there will be greater adherence to plans and specifications, and that the contractor will not lose on the job.

The prohibition against selling below cost or provisions for standard cost accounting systems are not provided in Chapter I of the Construction Code — the General Provisions. However, ten of the twenty Chapters governing divisions of the industry do contain selling-below-cost provisions and twelve require standard cost accounting systems. Divisions of the Construction Code which prohibit members from selling below cost are: Painting, paperhanging and decorating; cement-gun contractors; roofing and sheet metal contractors; electrical contractors; tile contractors; plumbing contractors, wood flooring contractors; resilient floornig contractors; insulation contractors; heating and piping contractors and marble contractors.

The representative of the Electrical Contractors Code Authority stated that eight months of experience under the Code had developed convincing evidence that it had established a new competition, fairer alike to the industry and the public. He urged that in order to retain this enlightened state of affairs that the three fundamental principles of the Construction Code he maintained—the prohibition of price-manipulation after bidding through the filing of bids in bid depositories; the guarantee to the customer that the contractor can tulfill his contract through the enforcement of provisions against bidding below cost; and the formulation and approval of methods of cost finding and estimating capable of use by all members of the industry upon which the individual bidder's cost may be determined.

Declines as great as 70 per cent from 1929 to 1932 in current assets, fixed assets, invested capital, surplus, volume and net profit in the heating, piping and air conditioning division were cited by the Divisional Code Authority spokesman as sufficient reasons for maintaining present selling-below-cost provisions which were gradually putting the industry back on its feet. A return to cutthroat competitive practices would have a devastating effect on labor rates, it was claimed, and representives of other industries supported this contention adding that such a return would force them to reduce wages below the minima provided in the various codes.

In the brief presented for the Divisional Code Authority for Plumbing Contractors, an urgent plea was made to the NIRA Board for the recognition of the interests of the small business man and the use of the general term "price-fixing" as applied to various means of price stabilization, including selling-below-cost was described as both misleading and unfortunate.

Examples of how selling-below-cost provisions in the Tile Contractors Chapter of the Code in no way made for price fixing; how these provisions protected the buyer and the contractor from losses, either in actual money or finished product; how they aided fair competition between contractors and protected labor from wage chiselling were presented to the Recovery Board by the representative of the National Code Authority for Tile Contractors.

$3,640,000 BUILDING PROGRAM PROPOSED

The governor of Washington has recommended to the state legislature expenditure of approximately $3,640,000 on a building program for state institutions during the 1935-37 period. Among the governor's recommendations are:

Vancouver blind school, $65,000; Medical Lake custodial school, $90-000; Medical Lake hospital, $350,-000; Sedro-Woolley hospital, $225,-000; Walla Walla penitentiary, $101,500; Monroe reformatory, $25-000; Orting soldiers' home, $150,-000; Retsil veterans' home, $104,-500; Steilacoom hospital, $400,000; University of Washington, $660,-000; Washington State College, $222,000; Bellingham normal, $218,-500; Cheney normal, $265,000; Ellensburg normal, $228,601; State Historical Society, Tacoma, $148,-824.

ALLOT $50,000 FOR SURVEY OF VALLEY PROJECT

Legislature Grants Fund for Preliminary Work; Congress Gets Bills

Appropriation of $50,000 has been authorized by the state legislature to expedite preliminary work on the Central Valley Water Project.

The measure passed both houses with only one dissenting vote in each.

The money will be available immediately and work will be hastened on necessary surveys and reports required by the Federal government.

Bills which have been introduced in Congress by California representatives would make the Central Valley Project a Federal undertaking similar to that in the Tennessee Valley. One introduced by Henry E. Stubbs provides for expenditure of $170,000,000, and the other by Frank H. Buck provides for a federal agency to prosecute the work. Of the total amount, $38,000,000 would be a direct federal grant. In addition $12,000,000 would be designated as a driect grant toward construction of Kennet dam. The $120,000,000 loan is to be amortized over a period of forty years.

Supervision of the project is to be vested in the Secretaries of War and the Interior.

ORNAMENTAL IRON AUTHORITY ELECTED

Code authority members for the Architectural, Ornamental and Miscellaneous Iron, Bronze, Wire and Metal Specialties Manufacturing Industry were elected in balloting January 28 conducted by the Ornamental Metal Manufacturing Association of Southern California and the Ornamental Iron, Bronze and Wire Manufacturing Association of Northern California.

H. N. Patterson of Patterson & Koster Iron Works, San Francisco, was elected to represent the industry in the entire Twelfth Federal Reserve District, it was announced yesterday.

Four regional code authorities for the northern district, comprising Washington, Oregon and Idaho were elected as follows: Richard Oelschlagel, P. Buebke, E. H. Davidson, Charles Gobs

Regional code authorities for the central district, Nevada, Utah and that portion of California north of the northern boundary of San Luis Obispo county, were elected as follows: F. L. Ashby, ornamental iron; L. R. Steinberg, bronze; J. Salchar, ornamental iron or bronze; C. Frauneder, metal specialties.

Regional code authorities for the southern district, Arizona and that portion of California south of the northern boundary of San Luis Obispo county, were elected as follows: E. Shaffer, ornamental iron; C. S. Izant, bronze; N. Zillincar, wire work; T. Donald Bain, metal specialties.

PWA REFUSES MORE AID FOR PALO ALTO JOB

City Claims Federal Agency Has Failed to Meet Share of Sewer Cost

Notice of rejection of its application for an additional grant toward cost of constructing a sewage disposal plant has been received by the city of Palo Alto from the Federal Public Works Administration.

The city applied for a grant of $5,978 in addition o the original allotment of $29,000.

C. McDonough, director of engineering for PWA, in a letter denying the application, stated:

"I stated in my letter of Dec. 8, 1934, that the grant of $29,000 which was allowed, was based on an estimated construction cost of $115,800 less contractor's prot, overhead, bond and insurance. From your breakdown of costs you show a total construction cost of $113,045.89. Since the actual construction costs are less than the estimated costs, no additional grant may be allowed on this project."

The Palo Alto was constructed by force account after bids on the general contract had been received and rejected. The city contends that the true cost was $116,594 instead of $113,045, according to the PWA figures.

The position of the city officials is stated in a letter to the PWA from which the following is quoted:

"In view of the fact that we were influenced by the federal government, 'acting in conformity with Title 11, National Industrial Recovery Act,' to increase the cost of labor and materials of our public works project, not to exceed 30 per centum, and did so act by increasing the estimated cost of labor and material to the amount of $34,343, which amount represented 28.8 per centum of such costs and upon completion of the project it is shown that the increase amounted to $34,978.33, or 29.3 per centum of such costs, we believe that we are justified in asking for the sum of $5,978.33 in addition to the $29,000 grant allowed. These figures were substantiated by the project auditor's final report of Oct. 24, 1934, now in the hands of Mr. Geo. H. Parker, chief accountant for the administration."

DAY-LABOR ON SCHOOL BUILDINGS PROPOSED

Authority for school districts to repair their buildings by using day labor instead of letting contracts is provided in a bill introduced in the state legislature by Assemblyman Arthur H. Breed, Jr., of Alameda county. City school districts now are required to take bids for all work in excess of $1,000.

It is believed the new bill is prepared to pave the way for extensive day labor work in Oakland and Berkeley under proposed reconstruction programs.

Oakland Group Joins Federal Home Loan Bank

Officers of the First Federal Savings and Loan Association of Oakland have been announced, with William A. Davis president. The association is chartered under the Federal Home Loan Bank system as an institution qualified to loan funds for home building under government regulation.

Herbert L. Breed was named as vice-president and E. E. Hyvonan, secretary. Directors elected to administer the program locally under the supervision of the Home Loan Bank Board were: E. B. Field, Dr. E. Taylor Dykes, Robert MacNeur, Jr., William E. Schirmer, Robt. E. Stewart, Daniel Read, Earl B. Leonard, William A. Davis and Herbert L. Breed.

$400,000 FRESNO AUDITORIUM JOB OUT FOR BIDS

February 21 Date Set For Opening Proposals on Civic Building

Bids for construction of the Fresno Civic Auditorium will be received February 21 by the city commission, it was announced yesterday. The building is financed with proceeds of a $375,000 bond issue and a PWA grant of $120,000.

It was designed by Allied Architects of Fresno, a board composed of W. D. Coates, Fred L. Swartz, H. Rafael Lake, Ernest J. Kump, Chas. H. Franklin and E. W. Peterson.

F. W. Kellberg, San Francisco, is consulting structural engineer and A. Coddington, San Francisco, mechanical engineer.

The building will be of steel frame with reinforced concrete walls and steel roof trusses. It will be one-story with mezzanine and balcony floor and basement.

The main auditorium hall will seat 3500 persons on the main floor and balcony. It will measure 102 feet by 146 feet. The stage will be 102 feet wide and 35 feet deep, with an orchestra pit in front.

Dressing rooms are located off the stage at either side.

In the basement is to be located a banquet hall, with fully equipped kitchen adjoining.

The second floor includes space for various committee rooms fronting on the corridors that give access to the balcony.

A hot air heating system will be installed and provision will be made for air cooling. Steam heat will be supplied dressing rooms and committee rooms.

ASSESSMENT COMPROMISE IS APPROVED

General Contractors Ask Amendment of Code to Eliminate Double Fees

A proposed amendment to the Construction Code to provide for interdivisional code agreements with respect to assessments was approved by the Divisional Code Authority for General Contractors at its meeting in Washington on January 14 and 15.

The proposed amendment would provide that: "Every member of a division shall be exempt from any obligation to contribute to the expense of administration of any division other than the division which embraces his principal line of business. This provision shall not prohibit inter-divisional agreements by the respective divisional code authorities describing other conditions for contributions. Such agreements shall be filed with the Construction Code Authority and the National Recovery Administration. If no agreement can be reached, any divisional code authority having an interest may submit the controversy to the Construction Code Authority for decision."

In line with the proposed amendment, the Divisional Code Authority approved five proposed interdivisional code agreements which have been submitted to it by the Cement Gun Contracting Division, Tile Contractors Division, Marble Contracting Division, Heating, Piping and Air Conditioning Division and the Building Granite Division. The executive committee was voted authority to pass on such future inter-code agreements as may be submitted.

STATE ARCHITECTS' BILL INTRODUCED

A bill requiring that all architectural work in connection with state public works projects be done by the state division of architecture instead of by private architects has been introduced in the legislature by Assemblyman Roy J. Nielsen of of Sacramento County.

"I have the figures to show," Nielsen said, "that the state can save thousands of dollars by the state division drawing the plans for state division of architecture on a project is 5½ percent while the private architects average 9½ per cent. It can be seen readily the amount of money the state would save by having the division prepare the plans."

In the event that his bill should be rejected, Nielsen plans to sponsor legislation requiring competitive bidding by private architects on state jobs.

December Building Decrease 16% From Previous Month; Permit Volume Gains

Building operations increased 37.6 per cent in number but decreased 16.0 per cent in estimated value, comparing December 1934 with the corresponding month of the previous year, it was announced today. This information is based on reports of building permits issued as received by the Bureau of Labor Statistics of the United States Department of Labor from 764 identical cities having a population of 10,000 or over.

Comparing these two months there were increases in the number of new buildings and of additions, alterations, and repairs, but decreases in the estimated value. The number of one-family and two-family dwellings for which permits were issued increased 56.8 per cent comparing these two months.

The per cents of change from December 1933 to December 1934 are given in the following table:

Type of Bldg.	No.	Est. Cost
New residential	+63.8	1.1
New nonresidential	+27.6	—30.3
Additions, alterations, repairs	+37.9	— 2.4
Total	+37.6	—16.0

There was a decrease of 13.8 per cent in the number of family dwelling units provided comparing permits issued in December 1934 with those issued in December 1933. The decrease is caused by the falling off in the number of dwelling units provided in apartment houses in New York City.

There were decreases in both the number and cost of new buildings and of repairs, comparing December with November. The per cents of change from November to December 1934 for the different types of construction are shown below:

Type of Bldg.	No.	Est. Cost
New residential	—31.4	—32.5
New nonresidential	—39.7	—36.5
Additions, alterations, repairs	—26.7	—25.7
Total	—29.6	—32.2

The permit figures as published include, in addition to private and business structures, all public buildings for which contracts are awarded by Federal and State governments in these 764 cities. For the month of November the value of such public building was $7,293,368; for December, $2,202,318.

Permits were issued for the following important building projects during December: in Hartford, Connecticut, for public utilities to cost $192,000; in Decatur, Ill., for a public building to cost $265,000; in Peoria, Ill., for warehouses to cost $225,000; in Dearborn, Mich., for a steel mill to cost $430,000; in Cincinnati, Ohio., for an office building to cost $296,000; in Hamilton, Ohio for a public building to cost over $255,000; in Long Beach, Calif., for school buildings to cost over $430,000; in Endicott, N. Y., for a school building to cost $270,000; and in Nashville, Tennessee, for a factory building to cost $225,000. Contracts were awarded by the Procurement Division of the Treasury Department for an elevator plant at the Federal Office Building, New York, to cost over $350,000, and for a parcel post building at Richmond, Va., to cost nearly $555,000.

The ten cities leading in value of permits issued, ranked as follows:

New York City	$4,023,994
Los Angeles	1,099,336
Washington, D. C	959,726
Detroit	787,369
Cincinnati	670,676
Richmond, Va.	602,671
Long Beach, Calif.	559,585
San Diego, Calif.	535,758
Philadelphia	446,778
San Francisco	416,610

FEDERAL BANK REVIEW STUDIES HOME MARKET

Institution Analyzes Rentals And Costs As Guide To Financing

Although home rentals have risen during the past year, reversing the downward course of the previous nine years, the improvement has not been sufficient, in the face of rising construction costs, to exert a marked stimulus on the volume of residential building, it is explained in an article in the January number of the Federal Home Loan Bank Review, official publication of the Federal Home Loan Bank Board.

This issue of the Review also presents the first of a series of factual pictures of current activity in home financing and construction which will be valuable to building interests and mortgage institutions alike, through tables, charts and indexes showing monthly and yearly trends, readily available for analysis and comparative study.

"Home-financing institutions, shareholders, buildings and home owners all have suffered from ignorance of national and local trends in home construction and real estate activity," the article states. "This ignorance made possible the overfinancing and overbuilding which helped bring on the depression. In reinforcing our system for financing housing, facts as to the market are essential."

The monthly publication of fundamental data, both sectional and national, will serve as an incentive to home-financing institutions for the collection of more detailed local statistics, the article points out.

NEED $5,000,000 TO CONSTRUCT DEBRIS DAMS

Association Seeks Federal Aid to Restore Hydraulic Mining

Contemplated work on debris dams for hydraulic mining in California will require expenditure of between $5,000,000 and $7,500,000, according to estimates made by the hydraulic mining committee of the Mining Association of California Members of the committee are Leroy A. Palmer, Richard Detert, J. A. McKenzie, Doctor Carey P. Rogers and W. H. Taylor.

Hundreds of thousands of dollars will be spent in labor and supplies, about a half million barrels or 94,000 tons of cement will be required and between $400,000 and $500,000 will be needed for reinforced steel.

The object of the committee is to promote building through federal assistance at the earliest possible moment, dams which will permit old hydraulic mines of the Sierra Nevada to resume operations without interfering with the navigation and waters of the rivers.

Such projects, it was declared, would be of vast benefit to the state, being self-liquidating, providing a large field for employment, the expenditure of as high as $15,000,000 for dams and the rehabilitating of mines and be profitable over a period of 20 to 40 years.

CONTRACTOR PENALIZED FOR CODE VIOLATION

Withdrawal of the right to display the Construction Code Blue Eagle, which, according to NRA automatically renders them ineligible to receive federal contracts, is the penalty imposed on Wolfson Bros., Albany, New York, by the NRA compliance division

The firm is alleged to have violated provisions of Chapter II of the Construtcion Code for General Contractors prohibiting the revision of bids after opening or the resubmission of bids on a project within 90 days after opening of bids except that there are substantial changes in the plans.

Evidence submitted to the NRA compliance council disclosed that Wolfson Brothers had submitted the high bid of $37,600 on the erection of an apartment house and that the low bid was $27,500. After opening the bids, the owners of the property negotiated with Wolfson Brothers and secured another bid of $23,300 with the understanding that a rear wall was to be retained from the old building rather than being torn down and rebuilt This change in plans, it was stated, would not have reduced the cost more than $1,000.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
70	Peresso	Early	1000
71	Struthers	Owner	3000
72	Kerns	McFarland	1000
73	Dempster	Cahill	20000
74	Kerns	McFarland	1000
75	Wong	——	5950
76	California	Early	1000
77	Lexington	Irving	4000
78	Standard	Owner	3000
79	Standard	Owner	3000
80	Standard	Owner	3000
81	Wolf	Malloch	1000
82	Shank	Van Aalst	2000
83	Stanton	Owner	3000
84	Puccinelli	Moriconi	4000
85	Cassaretto	Owner	1000
86	Sharman	Sharman	5800
87	Sharman	Owner	5800
88	Sharman	Owner	5800
89	Stoneson	Owner	3000

REPAIRS
(70) NO. 28 NEPTUNE ST. Repair fire damage to dwelling.
Owner—G. Perresso, Premises.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(71) W ALEMANY ST. 137 S Tingley One-story and asement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3000

STATION
(72) SW TWENTY-FIRST ST. AND Potrero Ave. Auto supply station.
Owner—Bernard R. Kerns, 2534 19th Ave., San Francisco.
Architect—Not Given.
Contractor — James McFarland, 710 47th Ave., S. F. $1000

SALES BLDG.
(73) GORE TWELFTH ST AND Van Ness Ave., South. Two-story Class C sales and service building. ing.
Owner — Dempster Estate Co., 519 California St., San Francisco.
Engineer — W. Adrian, 417 Market St., San Francisco.
Contractor—Cahill Brothers, Inc., 206 Sansome St. $20,000

STATION
(74) SW TWENTY-FIRST ST. AND Potrero Ave. Auto supply station.
Owner—Bernard R. Kerns, 2534 19th Ave., San Francisco.
Architect—Not Gilven.
Contractor — James McFarland, 710 47th Ave., S. F. $1000

DWELLING
(75) N JOHN 118 W Powell Street. Two-story and basement frame dwelling.
Owner—Wong Quock Don, % Architect.
Architect—Albert A. Schroepfer, 244 Kearny St., San Francisco.
Contractor—Not Selected $5950

REPAIRS
(76) NO. 1770 EDDDY Street. Repair fire damage to college.
Owner—California College of Chiropidy, 1770 Eddy Street.
Architect—Not Given.
Contractar—Fred J. Early Jr., 369 Pine St., S. F. $1000

DWELLING
(77) E FUNSTON AVE 100 S Taraval St. One-story and basement frame dwelling.
Owner—Lexington Co., 1631 21st Ave., San Francisco.
Architect—C. O. Clausen, 746 46th Ave San Francisco.
Contractor—Irving Building Co., 1491 31st Ave., S. F. $4000

DWELLING
(78) W FORTY-FIRST AVE. 275 S Judah St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(79) N MORAGA ST. 107 E Funston Ave. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(80) N MORAGA ST. 82 E Funston Ave. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(81) NO. 3039 SIXTEENTH STREET Alter store.
Owner—Mrs. Wolf, % Contractor.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $1000

ALTERATIONS
(82) NO. 30 SAN LEANDRO WAY. Alter dwelling.
Owner—Floyd C. Shank, Premises.
Architect—Not Given.
Contractor—B. Geo. Van Aalst. $2000

STATION
(83) SE DIVISADERO AND POST Sts. One-story Class C service station.
Owner—Mrs. Alice E. G. Stanton, 2617 Laguna St., San Francisco.
Architect—Not Given.
Supt. of Constr.—Richfield Oil Co., 248 Battery St., S. F. $3000

MARKET
(84) NE TAYLOR AND PACIFIC Ave. One-story and basement frame market.
Owner — Angelina Puccinelli, 1670 Chestnut St., San Francisco.
Architect—Not Given.
Contractor — Guido Moriconi, 1670 Chestnut St., S. F. $4000

BINS
(85) SE SIXTH AND BERRY STS. Cement bins.
Owner—John Cassaretto Co., Sixth and Channel Sts., San Francisco.
Architect—Not Given. $1000

FLATS
(86) W SAN JOSE AVE. 40 S 25th St. Two-story and basement frame flats.
Owner—T. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given. $5800

FLATS
(87) W SAN JOSE AVE. 90 S 25th St. Two-story and basement frame flats.
Owner—T. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given. $5800

FLATS
(88) N SAN JOSE AVE. 65 S 25th St. Two-story and basement frame flats.
Owner—T. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given. $5800

DWELLING
(89) E TWENTY-SEVENTH AVE. 75 N Vicente St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
37	Kopperud	Bay	1054
38	Johnston	Owner	6000
39	Berkeley	Netherby	4000
40	Gyle	Anderson	1500
41	Monez	Owner	5500
42	Tay	Owner	1900
43	Moore	Bernard	8000
44	Galart	Crocker	4000
45	Lyon	Owner	3000
46	Bank	Owner	2000
47	Jurgens	Symon	1500
48	Leekins	Awner	4300
49	Elias	Schmidt	4450
50	Hill	Owner	1400
51	S. F. Sulphur	Owner	1200
52	Continental	Austin	242000
53	Pressler	Owner	3500
54	Herbold	Thrams	1000
55	Bischoff	Owner	4500
56	Campomenosi	Owner	5000
57	Gazzara	Owner	4000
58	Whalen	Owner	9000

RE-ROOF
(37) NW TENTH AND OAK STS., **OAKLAND.** Re-roof.
Owner—A. H. Kopperud, Prem.
Architect—Not Given.
Contractor—Bay Cities Asbestos Co., 188 Tenth St., Oakland. $1054

DWELLING
(38) NO. 5937 CHELTON DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—W. P. Johnston, 2693 Ritchie St., Oakland.
Architect—Not Given. $6000

DWELLING
(39) NO. 515 CRAGMONT ST., **BERKELEY.** One - story six - room frame dwelling and garage.
Owner—Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland. $4000

SERVICE STATION
(40) 1344 E EIGHTH ST., **OAKLAND;** one-story steel service station.
Owner—S. Gyle, Magnolia Ave., Piedmont.
Architect—Not Given.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland. $1500

DWELLING
(41) 4133 OAKMORE ROAD, **OAKLAND;** two-story 8-room dwelling.
Owner and Builder—A. H. Monez, 4350 Bridgeview Drive, Oakland.
Architect—Not Given. $5500

ALTERATIONS
(42) NE COR. NINTH and Alice Sts., **OAKLAND;** alterations.
Owner and Builder—Tay - Holbrook, Inc., Cor. 10th and Harrison Sts., Oakland.
Architect—Not Given. $1900

WELLING
3) 2630 CEDAR ST., **BERKELEY**; two-story 8-room frame dwelling and garage.
wner—Helen J. Moore.
rchitect—Miller & Warnecke, Financial Center Bldg., Oakland
ontractor—W. Vernon Bernard, 227 San Carlos, Berkeley. $8000

WELLING
4) 6023 CHABOLYN TERRACE, **BERKELEY**; two-story six-room frame dwelling and garage.
wner—John Galart, 30 Wildwood Lane, Oakland.
rchitect—Edwin Snyder, % Mason & Mellnffe, Berkeley.
ontractor—H. L. Crocker, Jr. $4000

WELLING
15) 11 VETERAN WAY, **OAKLAND**; one-story 5-room dwelling.
wner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
rchitect—Not Given. $3000

DDITION
16) NO. 7773 GREENLEY DRIVE, **OAKLAND**. Addition.
wner—Bank of America, 12th St. & Broadway, Oakland.
rchitect—Not Given. $2000

RECK BLDG.
17) SE THIRTEENTH ST. AND Broadway, **OAKLAND**. Wreck building.
wner—Jurgens Estate, Hotel Oakland, Oakland.
rchitect—Not Given.
ontractor—Symon Bros., 22nd Ave. and E-14th St., Oakland. $1500

WELLING
18) NO. 2660 CAMINO LENADA, **OAKLAND**. Two-story 6-room dwelling and one-story garage.
wner—C. W. Leekins, 4481 Moraga Ave., Oakland.
rchitect—Not Given. $4300

WELLING
19) NO. 3538 JORDAN ROAD, **OAKLAND**. One-story seven-room dwelling.
wner—B. Elias, 2912 Florida Street, Oakland.
rchitect—Not Given.
ontractor—A. K. Schmidt, 3936 Elston Ave., Oakland. $4450

LTERATIONS
50) NO. 1455 FORTY-FIFTH AVE. (rear), **OAKLAND**. Alterations.
wner—Ada M. Hill, 4514 E-14th St., Oakland.
rchitect—Not Given. $1400

ENTHOUSE
51) NO. 836 HEINZ ST., **BERKELEY**. Penthouse.
wner — San Francisco Sulphur Co., Premises.
rchitect—Not Given. $1200

DDITION
52) NO. 5541 SAN LEANDRO ST., **OAKLAND**. Three-story concrete factory addition.
wner — Continental Can Co., Inc., 5601 San Leandro St., S. F.
rchitect—Not Given.
ontractor—The Austin Co., 516 18th St., Oakland. $242,000

WELLING
(53) NO. 4721 EL CENTRO AVE., **OAKLAND**. One-story five-room dwelling.
Owner—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(54) NO. 4192 PIEDMONT AVE., **OAKLAND**. Alterations.
Owner—E. L. Herbold. Premises.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $1000

DWELLING
(55) NO. 707 BROOKWOOD ROAD, **OAKLAND**. One-story six-room dwelling.
Owner—John A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given. $4500

STORE
(56) NO. 6750 BROADWAY TERrace, **OAKLAND**. One-story store
Owner—Campomenosi, 6101 Broadway Terrace, Oakland.
Architect—Not Given. $5000

DWELLING
(57) NO. 4120 MARKET STREET, **OAKLAND**. One-story five-room dwelling.
Owner—Tony Gazzara, 886 29th St., Oakland.
Architect—Not Given. $4000

DWELLINGS
(58) NO. 648-652 BOULEVARD WAY **OAKLAND**. Two one-story six-room dwellings.
Owner—John F. Whalen, 461 Lee St., Oakland.
Architect—Not Given. $4500 each

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
16	Mercedes	Exposition	849
17	Pacific	Seymour	1798
18	Soule	Griffn	120
19	Meaney	Griffin	157
20	Lexington	Irving	4400

ALTERATIONS
(16) 243 -247POST ST.; alter stores.
Owner—Mercedes Building Co., premises.
Architect—William & Grimes.
Contractor — Exposition Woodworking Co., 661 Golden Gate Ave.
Filed Jan. 26, 1935. Dated, Jan. 24, '35
When work completed and accepted by architect.....75%
Usual 35 days after..... ..... 25%
TOTAL COST, $849.00
Plans and Specifications filed.

(17) NO. 22 THIRD ST. Furnish all materials and perform all work for building.
Owner—Pacific States Savings & Loan Co., 745 Market St., San Francisco
Architect—Not Given.
Contractor — Seymour Showcase & Fixture Corp., 604 Mission St., San Francisco.
Filed Jan. 26, '35. Dated Jan. 21, '35.
Usual 35 days.....$1798
TOTAL COST, $1798
Bond, none. Limit, two weeks from date of commencement. Forfeit, plans and specifications, none.

ALTERATIONS
(18) NO. 1871 TWENTIETH AVE. Painting, rough carpentry, metal flashing replacement, etc., on dwelling.
Owner—Edward F. and Florence M. Soule, Premises.
Architect—Not Given.
Contractor—Frank Griffin, 1051 Valencia St., San Francisco.
Filed Jan. 28, '35. Dated Jan. 21, '35.
HOLC Contract .....
TOTAL COST, $120
Bond, $120. Surety, Coast Surety Corp. Limit, forfeit, none. Specifications only filed.

PAINTING
(19) NO. 135 EDINBURGH ST. All work for painting dwelling.
Owner—James Meaney, Premises.
Architect—Not Given.
Contractor—Frank Griffin, 1051 Valencia St., San Francisco.
Filed Jan 28, '35 Dated Jan 21, '35
HOLC Contract
TOTAL COST, $157
Bond, $157 Surety, Coast Surety Corp. Limit, forfeit, none. Specifications only filed

(20) E FUNSTON AVE. 100 S Taraval St. One-story and basement five-room and social hall dwelling.
Owner—Lexington Co., 1631 21st Ave. San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor — Irving Bldg. Co., 1491 31st Ave., San Francisco.
Filed Jan. 30, '35. Dated Jan. 21, '35.
Roof on $1100
Brown coat plaster on..... 1100
When completed 1100
Usual 35 days..... 1100
TOTAL COST, $4400
Bond, none. Limit, 90 working days. Forfeit, plans and specifications none

SAN FRANCISCO UNDER $1000

ALTER hotel, $232; 269 O'Farrell St.; owner, Jonas Schoenfelott, 760 Market St.; contractor, George Windeler Co., 2201 Jerrold St.

SIGN, $12; 554 Gough St.; owner, F. Agulik, 277 Arlington St.

SIGN, electric, $100; 454 Valencia St.; owner, Irish American Hall Assn. Premises; contractor, Neon Sign Service Co., 1707 Folsom St.

SIGN, $12.50; E Seventh Ave. 275 N Kirkham St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER offices, $500; 309 California St.; owner, Dollar S. S. Lines, 311 California St.; contractor, A. F. Martin Co., 1501 Sutter St.

ALTER dwelling, $500; 1 Rockdale St. owner, C. M. Kretchmer, Prem.; contractor, Stoneson Bros., 1630 Ocean Ave.

SIGN, electric, $115; 2125 Fillmore St. owner, Turounet Billiard Parlor, Premises; contractor, American Elec. Sign Co., 1740 Eddy St.

ALTER store, $200; NE Jones and Ellis Sts.; owner, Robert Miller, 358 Market St.

SIGN, electric, $75; 1163 Bush Street owner, Quilici & Evey, Premises; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.

ALTER hotel, $300; 354 Third Street; owner, Frank Paillet, 3020 Washington St.

ALTER dwelling, $50; 1562 La Salle St.; owner, John Martinelli, 1562 La Salle St.

SIGN, electric, $55; 1815 Polk Street; owner, Flower Basket, Premises; contractor, Wonderlite Neon Sign Co., 170 Otis St.

ALTER dwelling, $125; 262 11th Ave.; owner, S. Levy, Prem.; contractor, Mullen Mfg. Co., 60 Rausch.

SIGN, electric, $100; 240 Sixth St.; owner, P. Ellis, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.

SIGN, electric, $100; 298 Pacific Ave.; owner, Angelo Opisso, Premises; contractor, Neon Sign Service Co. 1707 Folsom St.

ALTER hall, $850; 33 and 33A Clay St.; owner, International Longshoremans Assn., 33 Clay St.; contractor, Amiot & Boehm, 329 Commercial St.

ALTER building, $200; 980-982 Harrison St.; owner, M. Doescher, 980 Harrison St.

SIGN, $6.25; N Bush St. 81 W Webster St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER restaurant, $200; 1010 Bryant St.; owner, John Stace, 1010 Bryant St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

3— CHURCHES

Plumbing Contract Awarded.
CHURCH Cont. Price, $23,387
WOODLAND, Yolo Co., Calif. Main and Cleveland Streets.
One-story brick church building (Sunday School) to replace one recently destroyed by fire.
Owner—St. John Evangelical Church (Rev. Carl Saenger, Pastor).
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Contractor — J. Witzelberger, Woodland.
Plumbing — Woodland Hardware and Plumbing Co., Woodland.
As previously reported, heating contract awarded to J. Barth, Woodland, at $1152.85; painting awarded to Wilcoxon & Wilcon, Sacramento, at $2,185.

Bid Opening Date Postponed Indefinitely.
ALTER CHURCH Cost, $30,000
SAN FRANCISCO, 1645-49 Hayes St.
Alterations and additions to church (work involves wood, frame and stucco additions, remodel exterior and interior installations of acoustic plaster, forced air ventilating and heating system, new plumbing tile work, etc.
Owner—Latter Day Saints Church (C. W. Nalder, Bishop).
Architect—Pope & Burton, 2102 Buckingham Road, Los Angeles.

Sub-Contracts Awarded.
CHURCH Cont. Price, $10,967
EAST OAKLAND, Alameda Co., Cal.
One - story wood frame church bldg. (rustic exterior) seating capacity of 300; asbestos shingle roof.
Owner—Havenscourt Tabernacle.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.
Concrete—Valentine Dizillo, 1922 53rd St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED
SAN FERNANDO VALLEY, Cal.—Wm. P. Nell Co., Ltd., 4814 Loma Vista St., Los Angeles, awarded contract at $40,500 for erection of a one-story and basement Class D concrete packing house at 10,842 Sepulveda Blvd., San Fernando Valley, for the San Fernando Orange Association. The building will be 114x122 feet in area; composition roofing, skylights, wood roof trusses, steel sash, plate glass, rolling steel shutters, ornamental iron railings, reinforced concrete and linoleum floors, Kalamein doors, Oregon pine and metal trim, metal lath, channel steel furring, cement toilets, metal toilet partitions, concrete valut, automatic storage water heater, drinking fountains, heating, cooling and ventilating system, steel stack, electric ceiling fans, etc. W. W. Ache, 1616 4th Ave., Architect.

Sub-Contracts Awarded
WAREHOUSES Cont. Price, $74,597
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Three one-story brick warehouses (100 by 160 feet each) (to be known as warehouses B, J and K), composition roof, concrete floors).
Owner—City of Stockton (Port Dist.) City Hall, Stockton.
Plans by Engineering Dept. of Stockton Port District.
Contractor—C. H. Dodd, 1738 West Rost St., Stockton.
Roofing—Noble H. Brown Co., 130 W. Fremont St.
Plumbing—Eddy Electric Co., 309 E. Weber Street.
Electric Wiring — Home Wiring Co., 522 E. Washington St.
Sheet Metal—Fraser Furnace Co., 445 South San Joaquin St.
Glass—W. P. Fuller & Co., 218 South Aurora St.
Lumber — Star Lumber Co., 448 W. Main Ct.
Hardware—Austin Bros., 544 E. Main Street.
Reinforcing Steel—Kyle & Co., 346 G St., Fresno.
All of Stockton unless otherwise specified.

Bid Opening Date Postponed.
CANNERY Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Morningside Industrial Area (20 acre site).
Two-story cannery (reinforced concrete construction to first floors, steel and corrugated iron on second floors, woood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco (E. P. Euphrat in charge).
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
The date of opening bids has been postponed until the owner returns from the East. Bids were scheduled to have been opened Jan. 25, 2 P. M.

Contract Awarded.
ADDITION Cost, $16,000
SAN JOSE, Santa Clara Co., Cal. 560 North Sixth Street.
Addition to pottery plant (install new kiln, etc.)
Owner—Garden City Pottery Co., 560 North Sixth St., San Jose.
Architect—Not Given.
Kiln—Harrop Engr. Co., Ohio.

Contract Awarded.
MALT PLANT Cost, $325,000
VANCOUVER, Washington.
Seven-story Class A reinforced concrete and structural steel malt plant (135x115 feet).
Owner—Great Western Malting Co. (J. R. Bowles, Vice-President).
Plans by Engineering Dept. of Owner.
Contractor—Dougan-Hammond Const. Co., Studio Bldg., Portland.
Machinery—Galland-Henning Co., Milwaukee, Wis.

Plans Being Figured—To Close Feb. 2nd.
CANNERY $250,000 (includ. Equip)
WALLA WALLA, Washington.
One-story frame and masonry processsing plant and one-story tile warehouse.
Owner—Libby, McNeill & Libby, 60 California St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be received in the San Francisco office until Saturday, Feb. 2, and will be opened Monday, Feb. 4.

Plans Being Figured.
ALTER SHOP Cost, $5000
EMERYVILLE, Alameda Co., Calif. Doyle and Stanford Streets.
Alterations to printing shop and bindery.
Owner—Pacific Manifolding Book Co., Premises.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. Fifth and Martha Streets.
Alterations to cannery.
Owner—Baron Grey Co., Premises.
Architect—Not Given.
Contractor—Megna & Newell, 838 Minnesota Ave., San Jose.

PROSPECTIVE BIDDERS
GRAND COULEE, Wash.—Following have procured plans for the purpose of submitting a bid to the Bureau of Reclamation, Almira, Washington, for the construction of a 1-story warehouse building at the Grand Coulee Dam, Columbia Basin Project, Wash. The work is located about 22 miles northwest of Almira:
Louis Delivuk Co., Realty Bldg., Spokane.
Colonial Constr. Co., 326 First St., Spokane.
Brown Bros., Grant and E. Riverside Sts., Spokane.
Grover C. Gorsuch, Coulee City.
Star Iron & Steel Co., Tacoma.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $2,000
OAKLAND, Alameda Co., Calif. 1344 E Eighth Street.
One-story steel service station.
Owner—S. Gyle, Magnolia Ave., Piedmont.
Architect—Not Given.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.

Contract Awarded
SERVICE STATION Cost, $3000
SAN FRANCISCO, SW 21st Street and Potrero Avenue.
One-story auto supply station.
Owner—Bernard R. Kerns, 2534 19th Avenue.
Architect—Not Given.
Contractor—Jas. McFarland, 710 47th Avenue.

To Be Done By Day's Work.
SERVICE STATION Cost, $4000
SAN FRANCISCO, SE Divisadero and Post Streets.
One-story Class C service station.
Owner—Mrs. Alice E. G. Stanton, 2617 Laguna St., San Francisco.
Plans by Richfield Oil Co.'s Engineering Dept., 248 Battery St.
Supt. of Constr.—Richfield Oil Co., 248 Battery St., San Francisco.

Wrecking Under Way.
SERVICE STATION Cost, $12,000
SAN FRANCISCO. NW Post and Mason Streets.
One-story steel service station.
Owner—Associated Oil Co., 79 New Montgomery Street.
Architect—D. D. Stone and J. A. Hanv 110 Sutter Street.
Contractor Lindgren and Swinerton, 225 Bush Street.
Wrecking D. J. Dolan Co., 12th and Mission Streets.
Sub-contracts will be awarded upon completion of wrecking of the present building on the site.

Contracts Awarded.
SERVICE STATION Cost, $7000
SAN FRANCISCO. SE Bayshore and Jerrold Street.
One-story Class service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner
Electric—Frank Goodman, 1466 3rd Avenue.
Plumbing and Piping—Scott Co., 243 Minna St.
The concrete contract will be awarded shortly.

GARAGE Cost, $4500
BERKELEY, Alameda Co., Cal. San Pablo Ave. near Allston Way.
One-story Class C steel and brick garage building.
Owner—Berkeley Auto Wrecking Co., 2147 San Pablo Ave., Berkeley.
Architect—Guy L. Brown, American Bldg., Oakland.
Bids were taken some time ago and are now being checked. Further details will be announced in about three weeks.

7— FEDERAL BUILDINGS

Bids Wanted—To Close February 25, 1:00 P. M.
POST OFFICE Cost, $39,500
WINSLOW, Arizona.
One-story and basement Post Office Building (83x55 feet); concrete foundations & floors, brick walls, stucco exterior, composition roof, steel and wood sash, cast stone, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office upon deposit of $15.

Contract Awarded.
POST OFFICE Cont. Price, $36,498
PROSSER, Washington.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Standard Constr. Co., Perkins Bldg., Tacoma, Wash.

BIDS WANTED.
SAN DIEGO, Cal.—Until February 7, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot Broadway, San Diego, under Spec. No. 7887 for alterations to floating Dry Dock ARD-1 at the Naval Operating Base (Destroyer Base), San Diego. The work consists in general of altering and constructing new steel plate bulkheads; changes to present booby hatches and stairs; constructing new mezzanine floors between safety and top decks; insulate walls and ceilings with cork-board; cover areas of floors with ceramic tile and linoleum; provide and install gallery changes, mess tables, benches and steel furniture for offices; new plumbing work and changes; new electric work and changes; new salt-water pump; new laundry equipment; and miscellaneous correlated materials as required to complete the work.
Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS OPENED
PARKER DAM, Cal.—The following bids were submitted to the Bureau of Reclamation for air cooling and ventilating equipment to be installed in office and dormitory buildings at the government camp, Parker Dam Project: Specification No. 650-D: York Ice Machinery Corp., (1) $7012.33; (2) $6687; Western Air Conditioning Co., (1) $4800, (2) $4800; Frigidaire Corp., (1) $6721.05, (2) $6,947.05; George T. Bauder Co., (1) $14,185.40, (2) $13,941; Refrigerating Equipment & Supply Co., (1) $6680.15 (2) $6382; Baker Ice Machine Co., (1) $4981.72, (2) $4613.72; Gay Engineering Corp., (1) $7695.80, (2) $7085.

Contract Awarded.
POST OFFICE Cont. Price, $10,290
REDONDO BEACH Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Schuler & McDonald, 1723 Webster St., Oakland.

LOW BIDDERS
POST OFFICE Cost, $45,100
HOLLISTER, San Benito Co., Cal.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Three low bids follow:
K. E. Parker Co., S. F. $35,400
George Petersen, San Leandro 37,500
Harold Geyer, Monterey..... 38,890
Complete bids will be published shortly.

Bid Opening Date Postponed Until Feb. 25, 1 P. M.
POST OFFICE Cost, $55,000
OCEANSIDE, San Diego Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Date was previously set for Feb. 14.
Plans and specifications may be obtained from above office upon deposit of $15.

Bid Opening Date Postponed Until Feb. 25, 1 P. M.
POST OFFICE Cost, $39,500
WINSLOW, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Date was previously set for Feb. 11.
Plans and specifications may be obtained from above office upon deposit of $15.

CONTRACT AWARDED
SAN DIEGO, Cal.—Olmstead Building Co., 1847 Hancock St., San Diego, awarded contract by Bureau of Yards and Docks, at $2160, for repairing building No. 16 and heating equipment at the Naval Operating Base (Destroyer Base), San Diego; Specification 7872.

CONTRACT AWARDED
SAN DIEGO, Cal—V R Dennis Construction Co., 3911 Fifth Ave., San Diego awarded contract by Bureau of Yards and Docks, at $4490, for constructing concrete floors in landplane hangars at the Naval Operating Base (Air Station), San Diego; Specification 7866.

CONTRACT AWARDED
SAN FRANCISCO.—Fred J. Early Jr., 693 Pine Street, at $3,367 awarded contract by Bureau of Yards & Docks for replacing two water tanks, and supporting platforms, for providing a new water filter and new water pump, for enlarging a bathroom in Quarters No. 6; for installing new windows in Quarters No. 3, for replacing all windows in Quarters No. 4, and for replacing or repairing wooden sidewalks, all at the U. S. Naval Direction Finder Station, Farallon Islands, Calif.; Spec. No. 7757.

Complete Bid Listing.
POST OFFICE Cost, $70,000
McMINNVILLE, Oregon.
Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C
Low Bidder—Hoffman Construction
Low Bidder — Hoffman Const. Co., Portland.
Complete bids follow:

Hoffman Const. Co., Portland	(1)	$41,578
	(2)	41,928
Ward & Millbrandt, Portland	(1)	43,072
	(2)	43,402
Roy O. Powers, Portland	(1)	43,800
	(2)	44,250
Jos. H. Anderson, Portland	(1)	45,200
	(2)	45,500

Bids held under advisement.

CONTRACT AWARDED
BEVERLY HILLS, Los Angeles Co. Cal.—Hough Shade Co., at $153.15 was awarded contract by Post Office Supply Department, Washington, D. C., for eleven wood slat shades for the U. S. Post Office at Beverly Hills

BUILDING MATERIAL AWARDS APPROVED.
LONG BEACH, Cal.—Treasury Department approved following equipment and material awards for the construction of the finishing of the 4th, 5th, 6th and 7th floors of the U. S. Post Office at Long Beach. Theodore A. Beyer Corp., Los Angeles, general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountains, Kelvinator Sales Corp.; non-conducting covering for plumbing, Johns-Manville Co.; tube radiators, American Radiator Corp.; non-conducting covering for heating, Johns-Manville Co.; angle radiator valves and thermostatic traps, James P. Marsh Co.; brass pipe, Bridgeport Brass Co.; glassware, Gill Glass and Fixture Co.; lighting fixtures, Mutual Metal Mfg. Co.

COMPLETE BID LISTING
GRAND COULEE DAM, Wash.—Following are the complete bids received by the Bureau of Reclamation, Denver, Colo., January 21, under Spec. No. 645-D, for furnishing and delivering f.o.b. cars at the factory shipping point near Odair, Wash., all structural steel, siding, roofing, windows, doors, ventilators and other necessary materials except crane, concrete walls, foundations and anchor bolts for one complete steel warehouse building for the Government Camp at Grand Coulee Dam. The concrete foundation will be constructed and the building erected by the Government:
Pittsburgh DesMoines Steel Co., (f.o.b.) Odair, Wash.: (discount) ½; $23,542.
Virginia Bridge & Iron Co., Shipping Point, ½; $19,876.
International Steel Co., Odair, Wash $27,392.
The Ingalls Iron Works Co., Odair, Wash., $24,766.
The Ingalls Iron Works Co., Odair, Wash., $24,436.

American Bridge Co., Odair, Wash., $23,399.

American Bridge Co., Odair, Wash., $23,399.

E. J. White Co., Shipping Point, 1%, $27,499.

Stefco Steel Co., Michigan City, Ind. $28,990.

McClintic Marshall Corp., Chicago, Ill., $22,950.

Wallace Bridge & Structural Steel Co., Shipping Point, ½%, $24,890.

Worden-Allen Co., Odair, Wash. ½ $25485.

Truscon Steeil Co., Odair, Wash., $26,704.

Pacific Car & Foundry Co., Odair, Wash., $29,477.

Herrick Iron Works, Odair, Wash., $29870.

Stupp Bros. Bridge & Iron Co., Odair, Wash.; St. Louis, Mo., ½%, $23,690.

John W. Beam, Shipping Points, ½, $23,500.

Minneapolis-Moline Power Implement Co., Shipping Points, $24,387.

Isaacson Iron Works, Shipping Points, $24,755.

Omaha Steel Works, Odair, Wash., ½, $26,700.

The apparent low bid is that of the American Bridge Co., at $23,399, as priviously reported.

PROJECT APPROVED

YUBA CITY, Sutter Co., Cal.—The Treasury Department has recommended to Congress appropriation of $72,600 for construction of a new post office at Yuba City.

BUILDING MATERIAL AWARDS APPROVED.

NOGALES, Ariz.—Treasury Department approved the following equipment and material awards for the construction of U. S. Immigration Station at Nogals. Robert E. McKee, El Paso, Texas, general contractor:

Brass & copper water pipe, Bridgeport Brass Co.; nonconducting covering for heating, Plant Rubber & Asbestos Co.

BUILDING MATERIAL AWARDS APPROVED.

HILLSBORO, Ore. — Treasury Department approved the following material and equipment awards for the construction of the U. S. Post Office at Hillsboro, Oregon. Jos. H. Anderson, Portland, general contractor:

Rubber-covered wire, General Elec. Co.; receptacles, General Electric Co.; flush switches, General Electric Co.; pendant switches, Bryant Elec. Co.; glassware, Perfection Glass Co. and Gill Glass Co.; lighting fixture, Perfecite Co.

PLANNED.

COLVILLE, Wash. — Treasury Department has recommended to Congress an allotment of $77,000 for a new post office building at Colville.

BIDS WANTED.

LOS ANGELES, Cal.—Until March 5 2:30 P. M., bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for alterations to Building No. 114, for the Regional Office, Veterans' Administration Facility, Los Angeles. Work involves reinforced concrete, hollow tile, brick work, marble work, terrazzo, floor and wall tile, linoleum, iron work, metal lathing, plastering, sound deadening, carpentry, painting, glazing, hardware, plumbing, heating and electrical work, etc. Plans and specifications may be obtained from above office and from the Veterans' Administration Facility, Palo Alto.

CONTRACT AWARDED

SAN FRANCISCO. — Lee Dixon, 18 Eureka Street, at $7,888 awarded contract by Constructing Quartermaster, Fort Mason, for exterior painting of frame buildings and patching cracks in concrete buildings at Fort Mason.

Complete Bid Listing.

POST OFFICE Cost, $45,100

HOLLISTER, San Benito Co., Calif

United States Post Office.

Owner—United States Government.

Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Low Bidder—K. E. Parker Co., 135 So. Park, San Francisco.

Complete bids follow:

(1) Deduct.

K. E. Parker Co., S. F.	$35,400	
	(1)	188
Geo. Petersen, San Leandro	37,500	
	(1)	400
H. C. Geyer, Monterey	38,891	
	(1)	150
Trewhitt-Shields Co., Fresno	40,770	
	(1)	212
Wm. MacDonald Const. Co., St. Louis, Mo.	41,373	
	(1)	175

Cabinet Sketches Awaiting Approval.

POST OFFICE Cost, $83,600

SALINAS, Monterey Co., Cal. Alisal, Howard, Church and Lincoln Sts. (140x65 feet).

One-story steel and concrete Post Office Building (granite finish).

Owner—United States Government.

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Cabinet sketches have been forwarded to Washington, D. C. and upon approval working drawings will be started.

CONTRACT AWARDED

SAN FRANCISCO—Fred J. Early, Jr., 360 Pine St., San Francisco, at $3367 awarded contract by Bureau of Yards and Docks, for replacing two water tanks and supporting platforms; for providing a new water filter and bathroom in Quarters No. 6; for installing new windows in Quarters No. 3; for replacing all windows in Quarters No. 4 and for replacing or repairing wooden sidewalks at the U. S. Naval Direction Finder Station, Farralon Island, Calif. Spec. No. 7757.

8— CLUB BUILDING

Plans To Be Prepared.

CLUB HOUSE, ETC. Cost, $150,000

SACRAMENTO, Sacramento Co., Cal. McKinley Park.

Construct new swimming pool and club house at McKinley Park.

Owner—City of Sacramento.

Architect — Harry Devine, California State Life Bldg., and Starks and Flanders, Bank of America Bldg. Sacramento.

Project will be financed thru funds bequeathed the City of Sacramento by the late Mrs. Florence Clunie.

Being Done By Day's Work.

CLUBHOUSE, ETC. Cost, $——

CALISTOGA, Napa Co., Cal. Coit Property.

Two-story frame clubhouse; 50 one-story wood frame cottages, four rooms each, etc.

Owner and Builder—Bothe Bros., 1426 7th Ave., San Francisco, and Box 219-A, Calistoga.

Plans by Owner.

Work is under way by owner.

PREPARING PLANS

LOS ANGELES, Cal. — Architect Robert H. Orr, 1300 Corporation Bldg. is preparing sketches on which to base cost estimates of proposed alterations to the Y. M. C. A. building at 715 S. Hope St. While it has not been determined how extensive the improvements will be between $50,000 and $75,000 would be required for the changes tentatively outlined.

9— HOSPITALS

BIDS WANTED

SAN FRANCISCO—Until February 5, 2 P. M., bids will be received by H. N. Krenkel, Material Officer, U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco, for dampproofing basement walls of buildings Nos. 11, 12, 13, 14 and 15 at the U. S. Marine Hospital, San Francisco.

HOSPITAL Cost, $12,000

HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.

One - story brick hospital (12 beds) composition roof, tile and linoleum floors, etc.

Owner—Dr. C. W. Weaver Memorial Hospital (Brigadier W. G. White, Supt.) Healdsburg.

Architect—John I. Easterly, 302 Grant St., Healdsburg.

Contract Awarded.

ADDITION Cont. Price, $5596

SANTA ROSA, Sonoma Co., Calif.

Addition to hospital (add operating room, six major rooms, etc.) work involves roughing-in plumbing and electrical work.

Owner—Santa Rosa Hospital.

Architect—John I. Easterly, 302 Grant Street, Healdsburg.

Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

Complete bids published January 9. Construction will start today, Jan. 29.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing hospital equipment for the San Francisco Hospital.

Specifications and proposal blanks may be obtained from above office.

Project Approved.

DORMITORIES Cost, $150,000

OAKLAND, Alameda Co., Cal. Foothill Blvd. and County Road.

Replace dormitories K and L at the Fairmount Hospital (reinforced concrete construction; 2 2-story structures).

Owner—County of Alameda.

Consulting Architect—W. G. Corlett, Bank of America Bldg., Oakland.

County Board of Supervisors approved the above project. Labor will be furnished by the SERA and materials will be purchased by the county at a later date.

CONTRACT AWARDED

MESA, Ariz.—Jos. Nesbitt, Phoenix awarded contract for erection of an addition to the Southside hospital in Mesa. It will be a one-story, brick structure, with a capacity of 10 beds, and will cost approximately $19,000. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, architects.

Bids Wanted—To Close Feb. 18.

HOSPITAL Cost, $97,000

MADERA, Madera Co., Cal.

One-story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc) (concrete walls and floors tile roof, tile partitions, etc.)

Owner—County of Madera.

Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.

BIDS REJECTED—NEW BIDS TO BE ASKED

SACRAMENTO, Cal.—County Bd. of Supervisors rejected all bids for linoleum floor covering for the home for the Aged Women in Sacramento.

New bids will be asked immediately.
Plans and specifications may be obtained from Architect Harry Devine, California State Life Building, Sacramento.

10— HOTELS

LOW BIDDER
LOS ANGELES, Cal.—C. L. Peck, 354 S. Spring St., submitted low bid for erection of an addition to women's residence hall at the University of Southern California. In addition to other rooms it will contain a dining room, 51x122 feet, to accommodate 500 people, and a recreation room, 28x60 feet. Design and construction of the addition will conform to the present building, which is a steel frame structure with brick walls. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects.

12— POWER PLANTS

PLANNED.
LOS ANGELES, Cal.—Construction of a substation on Maywood Ave., bet. Yosemite and Fairpark Sts., for the Bureau of Power and Lights, was approved by the City Council January 17. Estimated cost, $150,000. Work on plans will start March 1.

BIDS OPENED
SAN FRANCISCO.—Following bids received by Department of Public Works for the installation of gas burner equipment in the steam generating plant at the Laguna Honda Home:

Peninsula Burner & Oil Co., 885 Harrison St. (old brick)	$ 971.00
(new brick)	185.00
(Total)	1,156.00
Staples & Pfeiffer, 528 Bryant Street	1,257.00
E. A. Cornely, 1452 Bush St.	1,706.00

Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN FRANCISCO. — J. W. Bender Roofing Co., 18th and Bryant Streets, at $35.00 awarded contract by Department of Public Works for repairs to tar and gravel roof on main library building, Larkin and McAllister Sts.

PLANNED
SAN DIEGO, Cal.—A bill has been submitted to Congress, carrying an appropriation of $350,000 for participation of the Federal government in the California Pacific International Exposition to be held in San Diego this year. Of this sum requested, $125,000 would be used for the construction of a building.

Planned.
JAIL Cost, $12,000
WATSONVILLE, Santa Cruz Co., Cal.
Rebuild present jail building.
Owner—City of Watsonville.
Architect—Not Selected.
A petition will be circulated among business men to back the proposed structure.

BIDS WANTED.
SAN FRANCISCO.—Until Feb. 20, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director Department of Public Works, Room 251, City Hall, for the installation of revolving doors at the rotunda entrance to the Controller's office and Treasurer's office, City Hall. Estimated cost $1,500.
Plans and specifications may be obtained from C. H. Sawyer, City Architect. No deposit required.

Planned.
ADDITION Cost, $4000
SAN LEANDRO, Alameda Co., Calif.
Addition to library (frame construction, brick veneer exterior).
Owner—City of San Leandro (A. E. Felton, City Manager).
Architect—Not Given.
Labor will be furnished by SERA and materials will be purchased by the city at a later date.

BONDS DEFEATED
CARMEL, Monterey Co., Cal.—City of Carmel defeated bond issue in the amount of $31,000 January 24. Proceeds were to have financed construction of a new City Hall in Carmel.
Plans prepared by Architects C. J. Ryland, Milton Latham, Guy Koepp, and C. S. Green, Carmel and Monterey.

Material Bids Wanted—To Close Feb. 4th, 2 P. M.
COURT HOUSE Cost, $380,000
SAN LUIS OBISPO, Calif. Monterey and Osos Streets.
Two-story reinforced concrete Class A court house (181x118 feet) reinforced concrete frame, brick filler walls, hollow terra cotta tile partitions, reinforced with metal sash marble and tile work, plastered exterior, Spanish tile roof, steam heat, one elevator, etc.
Owner—County of San Luis Obispo (Gwen Marshall, County Clerk).
Architect—Walker & Elsen, 708 Pacific Commerce Bldg., Los Angeles.
Building will contain a hall of records, storage rooms and county welfare department in the basement; supervisors' offices, assessor's, tax collector's, auditor's, and county clerk's offices on the ground floor; court rooms county engineer and surveyor's, superintendent of schools and district attorney's quarters on the second floor.
Bids are being received on the following materials:
(1) Miscellaneous iron work;
(2) Mill work, finish, sash and doors;
(3) Steel sash;
(4) Glass and glazing;
(5) Roofing;
(6) Metal trim;
(7) Lathing and plastering;
(8) Sheet metal work;
(9) Painting;
(10) Plumbing;
(11) Gas fitting;
(12) Heating;
(13) Electrical wiring.
Plans and specifications may be obtained from the architects upon deposit of $25.00.
Each bid must be accompanied by certified check or bidder's bond for 5% of the amount of the bid submitted, made payable to the Board of Supervisors of San Luis Obispo Co.

BIDS WANTED.
VISALIA, Tulare Co., Calif.—Until February 19, 10 A. M., bids will be received by Gladys Stewart, Tulare County Clerk, for the following items for the Tulare County Courthouse in Visalia. Plans prepared by Architect Ernest J. Kump, Rowell Bldg., Fresno.
(1) Finish hardware;
(2) Electrical lighting fixtures;
(3) Vault work;
(4) Mail chute equipment;
(5) Water cooling unit;
(6) Venetian blinds;
(7) Vault burglary alarm system.
Plans and specifications may be obtained from the architect and from the board of supervisors, Visalia, upon deposit of $5.00.

Commissioned To Prepare Plans.
CITY HALL Cost, $.—
CLOVERDALE, Sonoma Co., Calif.
One-story City Hall (58-ft. frontage) reinforced concrete construction, plaster interior walls.
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Materials will be purchased by the city and labor furnished by SERA

Plans Being Prepared.
LIBRARY Cost, $9000
OAKLAND, Alameda Co., Cal. Glen View Branch.
One-story frame and stucco branch library (tile roof).
Owner — City of Oakland (Library Trustees).
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
An application will be filed with the SERA to furnish labor for the project.

Bids Wanted — To Close February 21, 2 P. M.
AUDITORIUM Cost, $100,000
FRESNO, Fresno Co., Cal. Fresno an O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in balcony); 56 foot stage, art gallery, little theatre, committee rooms, kitchen and banquet room central telephone system; Class A construction, steel frame, concrete, walls, steel roof trusses, hot air and steam heating system and elevators.
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson, 304 Rowell Bldg., Fresno).
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Calif. 472t El Centro Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.

Bids Rejected—Plans To Be Revised
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Cal.
Two-story and basement frame and stucco residence (7 rooms and 3 baths), tile roof, tile baths, hardwood floors (type of heating not determined).
Owner—Wm. Shakleton, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—Wm. Rapp, $12½ Spring St., Santa Rosa.
All bids were rejected. Plans will be revised and new bids asked at a later date.

BIDS WANTED
NEAR VAN NUYS, Los Angeles Co. Cal.—Until February 25, 11 A. M., bids will be received by the Division of Subsistence Homesteads, Department of the Interior, Washington, D. C., for furnishing all labor and material for the construction of the San Fernando Rurban Homestead project, near Van Nuys, designated as Project 37-B. Plans, specifications and proposal forms may be obtained from H. W. MacGregor, supervisor of purchases, Division of Subsistence Homesteads, Washington, D. C., upon deposit of a certified check or postal money order for $100. Five per cent guaranty must accompany each bid. The project consists of 40 dwellings, containing four, five and six rooms.

and 40 garages. They will be wood frame structures with siding exteriors wood shingle and shake roofs, wood lath and plaster partitions, wood sash gas wall heaters, electric bathroom heaters, etc. Jos. Weston, 701 Cogswell Road, El Monte, architect, and Ross S. Gast, Oak St., Route 2, El Monte, project manager.

Sub-Bids Being Taken.
RESIDENCE Cost, $8000
PIEDMONT, Alameda Co., Cal.
One and one-half-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—C. E. Bardwell, 794 Calmar St., Oakland.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Excavation has been started.

Plans Being Prepared.
RESIDENCE Cost, $——
ROSS, Marin Co., Calif. Alta Mira Tract.
Two - story frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Carl F. Gromme, Masonic Bldg., San Rafael.
Plans by Owner.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Calif. 3756 Elston Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—Fernando Nelson & Son, 2901 19th Ave.
Plans by Owner.

Plans Completed.
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif.
1½-story frame and stucco residence (7 rooms, 2 baths) shake roof, gas heating system, hardwood floors, tile bath, etc.
Owner and Builder—C. E. Bardwell, 794 Calmar St., Oakland.
Architect—Ray Keefer, 770 Wesley St., Oakland.
Construction will start shortly.

Contract Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Calif. 4313 Spruce Street.
One-story frame residence (4 rooms).
Owner—David O. Wilcox, 1780 University Ave., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Calif. 3043 Dana Street.
One - story and basement frame and stucco residence (8 rooms).
Owner—Geo. Bush, Prince and Dana Sts., Berkeley.
Architect—Not Given.
Contractor—C. J. Pfrang, 6300 Claremont Ave., Oakland.

Contracts Awarded.
RESIDENCE. Cost, $5,000
BERKELEY, Ala Co., Calif., 515 Cragmont Ave.
One story and basement frame and stucco residence (6 rooms).
Owner—Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not given.
Contractor—W. A. Netherby, 3852 Lyman Road, Oakland.

To Be Done By Day's Work.
RESIDENCE. Cost, $7,000
OAKLAND, Ala. Co., Calif., 5937 Chelton Drive.
Two story frame and stucco residence (7 rooms).
Owner—W. P. Johnston, 2693 Ritchie St., Oakland.
Architect and Builder—Not given.

To Be Done By Day's Work.
RESIDENCE. Cost, $4,000
SAN FRANCISCO, W. Alemany, 137 S. Tingley St.
One storey and basement frame and stucco residence.
Owner—Marshall T. Struthers, 4250 Mission Street.
Architect—Not given.

Contracts Awarded.
ALTERATIONS. Cost, $1,000
SAN FRANCISCO, 28 Neptune St.
Alterations to frame house.
Owner—G. Perresso, 28 Neptune St.
Architect—Not given.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Plans Being Completed.
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co. Cal.
Two - story and basement frame and part brick veneer residence (11 rooms, 4 baths, separate lavatory) full Monterey type; heavy shake roof, steam heating system, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Selected (name withheld) Construction will start in about one week.

Plans Being Prepared.
RRESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Piedmont Pines.
Two-story and basement frame and stucco residence (12 rooms and 4 baths); tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Bids will be asked in about thirty days.

RESIDENCE Cost, $——
SAUSALITO, Marin Co., Cal.
Two-story frame and stucco residence
Owner—Mr. Kruse.
Architect—Willis Polk Co., 277 Pine St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Calif. 4133 Oakmore Road.
Two - story and basement frame and stucco residence (8 rooms).
Owner and Builder—A. H. Monez, 4350 Bridgeview Drive, Oakland.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. Chabolyn District.
Two-story frame and stucco residence (6 rooms, 3 baths) Spanish style (tile roof, gas hot air heating system, hardwood floors, tile baths).
Owner—John Galert.
Architect—E. L. Snyder, 2101 Addison Avenue, Berkeley.
Contractor — H. L. Crocker, Jr., 30 Wilding Lane, Oakland.

Sub-Contracts Awarded.
STORE Cost, $7761
SAN JOSE, Santa Clara Co., Cal. W 11th St. N Reed St.
One - story frame duplex residence, pent house, 3 garages.
Owner—Walter Ruddick, 601 S Eighth Street, San Jose.
Architect—Not Given.
Contractor — B. H. Painter, Gordon Ave., San Jose.
Roofing—E. A. Draper, 443 Shepherd Ave., San Jose.
Plumbing—Henry Ribbs, 2505 Alum Rock Ave., San Jose.
Electric Wiring—St. Charles Electric Company.
Tile Work—Thos. H. Price, 39 N Market St., San Jose.
Lumber—Southern Lumber Co., 1402 South First St., San Jose.

Contract Awarded—To Be Done By Day's Work.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Cal. No. 711-721-723 Santa Rosa Avenue.
Three one-story frame residences.
Owner and Builder—William Lippencott, Rt. 5, Box 564, Santa Rosa.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3538 Jordan Road.
One-story and basement frame and stucco residence (7 rooms).
Owner—B. Elias, 2912 Florida Street, Oakland.
Architect—Not Given.
Contractor—A. K. Schmidt, 3936 Elston Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2660 Camino Lenada.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Funston Ave. 100 S Taraval St.
Owner—Lexington Co., 1631 21st Ave., San Francisco.
Architect——C. O. Clausen, 746 46th Ave., San Francisco.
Contractor — Irving Bldg. Company, 1491 31st Ave., San Francisco.

Contract Awarded.
ALTER RESIDENCE Cost, $2500
SAN FRANCISCO. No. 30 San Leandro Way.
Alterations to frame residence.
Owner—Floyd C. Shank, Premises.
Architect—Not Given.
Contractor—B. George Van Aalst, 401 West Portal Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. N Moraga St. E Funston Ave.
Two one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah St., S. F.
Architect—Not Given.

CONTRACT AWARDED

EL MONTE, Cal.—Chas. J. Dorfman, 143 N. La Brea Ave., Los Angeles, at $166,150 awarded contract by Division of Subsistence Homesteads, Department of the Interior, for the construction of the government's subsistence homestead project near the intersection of Peck Road and Lower Azusa Road, northeast of El Monte.

All work is included in the general contract, which calls for furnishing all labor and materials, with the exception of plumbing fixtures and finish hardware, for the construction of 100 dwellings, eleven of which will have attached garages, and 89 individual

garages. The houses will be wood frame structures with concrete foundations and floors, waterproofing materials, siding and shingle exteriors, wood shingle and shake roofs, wood lath & plaster partitions, wood sash, galvanized screen, pine trim, cesspools, electric bathroom heaters, radio wiring, gas wall heaters, etc. Jos. Weston, 701 Cogswell Road, El Monte, is the architect, and Rose H. Gast, Oak St., Route 2, El Monte, is the project manager.

To Be Done By Day's Work.
RESIDENCE Cost, $1000
SAN FRANCISCO. W 41st Ave. 275 S Judah St.
One-story and basement frame and stucco residence.
Owner and Builder—Standard Building Co., 1500 Judah St., S. F.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Cragmont Ave. and Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner & Builder—J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Foundations—Ed. Johnson, Berkeley.
Roofing—Marshall Shingle Co., 3729 Telegraph Ave., Berkeley.
Plumbing—Suendermann Co., 921 University Ave., Berkeley.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Brick and Stone Work—W. H. Wisheropp, 3749 Quigley, Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Rough Hardware—Berkeley Hardware Co., 2154 University Ave., Berkeley.
Painting—Blomgren Bros., 1927 Russell St., Berkeley.
Finish Materials—Tilden Lumber Co., foot of University Ave., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. 400 Spruce Street.
One-story wood frame and brick veneer residence (rustic style; five rooms) shake roof, gas heating system, etc.
Owner—Mr. Wilcox.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Brick and Stone Work—W. H. Wisheropp, 3749 Quigley, Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Rough Hardware—Berkeley Hardware Co., 2154 University Ave., Berkeley.
Finish Materials—Tilden Lumber Co., foot of University Ave., Berkeley.
Foundations—Ed. Johnson, Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Arch Street.
Two-story frame and stucco residence
Owner—K. G. Schwegler, 1203 Walnut Street, Berkeley.
Architect—F. W. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Roofing—Camisa Bros., 1217 Central Ave., Alameda.
Plumbing—Suendermann Co., 921 University Ave., Berkeley.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland
Hardwood Floors—Castle and Carlson, 273 Mather St., Oakland.
Brick and Stone Work—W. H. Wisheropp, 3749 Quigley, Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Rough Hardware—Berkeley Hardware Co., 2154 University Ave., Berkeley.
Painting—Blomgren Bros., 1927 Russell St., Berkeley.
Finish Materials—Tilden Lumber Co., foot of University Ave., Berkeley
Foundations—N. Flaherty, 5830 E. 17th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Calif. 707 Brookwood Road.
One - story and basement frame and stucco residence (6 rooms)
Owner and Builder—John A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $2,000
SAN JOSE, Santa Clara Co., Cal. 875 S Ninth Street.
Finishing frame residence.
Owner—Lois C. Davis, 1515 E. Santa Clara St., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Cal. 1530 Calaveras Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—George Kocher, Rosicrucian Press Building, San Jose.
Architect—Not Given.

15— SCHOOLS

Bids Wanted—To Close Feb. 11, 8 P.M.
SCIENCE BLDG. Cost, $56,000
WASCO, Kern Co., Calif. High School Grounds.
One-story reinforced concrete science building (to contain classrooms, laboratories, assembly hall) reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors, tile toilet room floors, heating plant, etc.
Owner — Wasco Union High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from the architect. Certified check or bid bond for 10% must accompany each bid. Bonds in amount of $42,000 were sold October 13.
(2996) 1st report Nov. 7, 1933; 7th, Oct. 15, 1934. 15

Material Bids Wanted.
SCHOOL Cost, $12,000
GILROY, Santa Clara Co., Calif.
One - story frame and stucco school building (2 classrooms and auditorium) wood shingle roof, low pressure steam heating system, wood sash, cement plaster exterior, plaster interior finish, insulating board, wood and cement floors, etc.
Owner—Rucker School District.
Architect—Edward W. Kress, 402 First National Bank Bldg., San Jose.
Bids are being received by Board of Trustees of the Rucker School District on materials only. SERA will furnish labor.

PLANNED.
KINGMAN, Ariz. — Mohave County Union High School District contemplates erecting a gymnasium on the high school site in Kingman. The proposed building will have concrete walls and will cover an area of 85x140 feet. Equipment will include lockers and showers, heating plant and a stage. Cost, $22,000.

Project Approved.
SCHOOL Cost, $35,000
GRIDLEY, Butte Co. Cal.
Replace McKinley Primary School with one-story frame and stucco building (8 rooms), concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect — George Sellon, California State Life Bldg., Sacramento.
SERA has approved the project and will furnish the labor. Material Gridley School District.
Bids will be asked shortly by the

Materials Bids Wanted—To Close Feb. 13, 2 P. M.
SCHOOL Cost, $12,000
GILROY, Santa Clara Co., Calif.
One - story frame and stucco school building (2 classrooms and auditorium) wood shingle roof, low pressure steam heating system, wood sash, cement plaster exterior, plaster interior finish, insulating board, wood and cement floors, etc.
Owner—Rucker School District.
Architect—Edward W. Kress, 402 First National Bank Bldg., San Jose.
Bids are being received by the architect for the following materials:
(1) Structural steel;
(2) Lumber;
(3) Mill works;
(4) Cement;
(5) Aggregate;
(6) Reinforcing steel;
(7) Hardware;
(8) Plaster materials;
(9) Roofing materials;
(10) Electrical Materials;
(11) Sheet metal materials;
(12) Heating materials.
Plans and specifications may be obtained from the architect.

BIDS WANTED
LOS ANGELES, Cal.—Until Feb. 19 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St. for reconstruction, rehabilitation and strengthening of the main brick bldg. at the Vine Street School site, located at 955 Vine St. Work will include rebuilding of exterior walls with gunite, altering and strengthening roof, altering interior partitions, etc. Plans were prepared by Architect C. E. Noerenberg, 210 Los Angeles Railway Bldg. Cost, $58,704.

CONTRACT AWARDED
SAN FRANCISCO—Inlaid Floor Co. 600 Alabama St., at $62.95 awarded contract by Department of Public Works for installation of hardwood floors in principal's office and adjoining room at the Farragut School, Holloway ner Faxon Ave. Approximately 375 square feet are involved. Materials to be 5/16x2 select plain oak; border of same; two nails to each board, 7 inches apart. One coat of paste filler, color as selected, two coats of shellac; one coat of wax.

BIDS WANTED
SAN FRANCISCO — No bids were received January 20 and new bids are being asked to be opened February 6, 1:45 P. M., by S. J. Hester, Chief Deputy Director, Department of Public Works, for installation of hardwood floors in principal's office at the Bret Harte School, Third St. and Jamestown Ave. Approximately 250 square feet of floor surface is involved. Materials to be 5 16x2, select plain oak; border of same, two nails to each board, 7-in. apart. One coat paste filler finish, color as selected,

two coats of shellac, one coat of wax.

Further details may be obtained from John T. Burns, Supt. of Public Buildings, 484 11th Street.

CONTRACTS AWARDED.

LONG BEACH, Cal.—R. E. Campbell, 130 Linden Ave., Long Beach, and Central Bldg., Los Angeles, was awarded general contract (using salvaged materials) by Long Beach board of education at $244,012, for the construction of buildings B, D and F at the Alexander Hamilton Junior High School site. Other contracts awarded were: Heating on Bldgs. D, B and F to J. Herman Co., 1349 E Vernon Ave. Los Angeles, $11,900; plumbing Bldg. B, to O. E. Ross, 1850 Pacific Blvd., $1472; plumbing on Bldg. D to Hickman Bros., 910 E. Anaheim St., $6,649; plumbing Bldg. F to E. Willardson, 2407 Tesla Terrace, Los Angeles, at $2027; electric wiring on Bldgs. B and F to Baty Electric Co., 128 W. 4th St., $4438; electric wiring on Bldg. D to Egge Electric Co., 2222 E. 4th St., at $1150. Schilling & Schilling, 145 Linden Ave., Long Beach, architect and engineer.

Bids Opened.

SCHOOL Cost, $180,000

LA GRANDE, Oregon. Eastern Oregon Normal School Campus.

Two - story concrete and cast stone training school (six classrooms, library, cafeteria and gymnasium; 192x86 feet) oil burning heating system.

Owner—State of Oregon.

Architect—J. V. Bennes, Lewis Bldg., Portland.

Low Bidder—L. H. Hoffman Const. Co., 715 SW Columbia, Portland.

Heating and Ventilating—Lord and Loryea, 423 SE Hawthorne Street, Portland.

Plumbing—Urban Plumbing and Heating Co., 1227 SW 5th, Portland.

Electric—W. R. Grasle, Lumbermen's Bldg., Portland.

General Work

L. H. Hoffman Const. Co., basic bid, $104,340; Alt. A (without gym) $14,588 (deduct); Alt. B (without metal doors and shower partitions) $50 (deduct.

Malarkey & Kallander, basic bid, $105,841; Alt. A, $14,010.00 (deduct); Alt. B, $633 (deduct).

W. and L. L. Quigley, basic bid, $111,700; Alt. A, $16,750; Alt. B, $590.

Powers & Allen, basic bid, $116,599; Alt. A, $15,900; Alt. B, $34.

Heating and Ventilating

Lord and Loryea, basic bid, $20,741; Alt. A, $2703 (deduct); Alt. B, $196 (deduct).

L. H. Hastorf, Inc., basic bid, $21,168; Alt. A, $100; Alt. B, $2654.

Urban Plumbing & Heating, $22,439; Alt. A, $3100; Alt. B, $140.

Paulsen Plumbing and Heating Co., Vancouver, basic bid, $22,873; Alt. A, $3200; Alt. B, $260.

A. G. Rushlight, basic bid, $25,168; Alt. A, $2830; Alt. B, $142.

Plumbing

Urban Plumbing & Heating, basic bid, $6311; Alt. A, $82 (deduct); Alt. B, $275 (deduct).

H. C. Hastorf, basic bid, $7146; Alt. A, $181; Alt. B, $289.

A. G. Rushlight, basic bid, $6941; Alt. A, $170; Alt. B, $294.

J. M. Harder, basic bid, $7750; Alt. A, $200; Alt. B, $350.

Electric Wiring

W. R. Grasle, basic bid, $7322; Alt. A, $707 (deduct); Alt. B, $45 (deduct.)

NePage - McKenny, basic bid, $8,000; Alt. A, $540; Alt. B, $50.

Dimitre Electric, basic bid, $9,300; Alt. A, $488; Alt. B, $51.

Bids held under advisement.

CONTRACTS AWARDED

SANTA ANA, Orange Co., Cal.—Blythstone & Van Tuyle, Brea, awarded general contract by Santa Ana Bd. of Education at $42,850 for constructing block "D" at Santa Ana High School. The award was made on Blythseone & Van Tuyle's normal bid of $40,730, with additions totaling $2120 for alternates 1 to 5 inclusive. Other awards, all based on normal bids, as follows: Allan Black & Sons, 5063 Hollywood Blvd., Los Angees, heating and ventilating, $3333; Cave Electric Co., 2107 N. Ross St., Santa Ana, electric wiring, $2656; Allan Black & Sons, plumbing, $4565. Allison & Allison, 1014 Edison Bldg., Los Angeles, Architects.

CONTRACTS AWARDED

HERMOSA BEACH, Los Angeles Co., Cal.—T. P. Schultz, 911 N. Chester Ave., Compton, awarded general contract by Hermosa Beach City School District, at $46,600, for reconstructing classroom building at the Pier Avenue School in Hermosa Beach The award was made on Schultz' normal bid of $48,680, with deductions totaling $2080. Coast Electric Co., 2350 Cedar Ave., Long Beach, awarded electric wiring contract at $4373.60. Charley Warner, 1310 N. Tamarind St. Compton, awarded plumbing contract at $1471.81. Bids for the heating and ventilating held in abeyance. S. E. Lunder, 400 Rowan Bldg., Los Angeles, architect, and Paul E. Jeffers, structural engineer.

BIDS WANTED.

LOS ANGELES, Cal. — Until Feb. 13, 11:30 A. M., bids will be received by Los Angeles Board of Education, Purchasing Bureau, 1425 South San Pedro St., for reconstruction, rehabilitation and strengthening of the 3-story Class D brick main building, south building, domestic science building and shop building at the James A. Foshay Junior High School, 3751 S. Harvard Blvd. Samuel E. Lunden, 400 Rowan Bldg., architect, and Lawrence J. Waller, 257 S. Berendo St., structural engineer. Cost, $19,534.

BOND ELECTION.

FORESTVILLE, Sonoma Co., Cal.—Forestville School District will hold an election February 5 to vote bonds in the amount of $3,000 to finance construction of improvements to the Forestville School. John I. Easterly, 302 Grant St., Healdsburg.

BOND ELECTION PLANNED.

BAYWOOD, San Mateo Co., Calif.—Baywood - Aragon School District is planning to call another election in the near future to vote bonds in the amount of $25,000. Proceeds to finance construction of a 1-story school building in Baywood. Previous bond election was defeated on Oct. 23, 1934, lacking 44 votes of the necessary two-thirds majority required.

CONTRACT AWARDED

FRESNO, Fresno Co., Cal.—Arlington Hardware Co., Fresno, at $884.93 awarded contract by Fresno Board of Education for constructing a new roof on the Edison Technical School in Fresno.

LOW BIDDER.

WEST WHITTIER, Los Angeles Co. Calif.—Bystone & Van Tuyle, Brea, submitted low bid to Board of Public Building Reconstruction at $28,897, for reconstruction and rehabilitation of the West Whittier school in accordance with plans prepared by Herbert E. Mackie, architect, and John P. Perrine, Western Pacific Bldg., Los Angeles. The bids exceed the appropriation and will probably be rejected. All work is included in the general contract.

LOW BIDDER.

LOS ANGELES, Calif.—Byerts and Dunn, 1131 N. Orange Grove Avenue, submitted low bid at $70,870 to Los Angeles board of education for construction of a new building at the Canoga Park school site, located on the north side of Valario St. between Topanga Canyon and Vassar Avenues, Canoga Park. Sumner Spaulding, California Bank Bldg., Beverly Hills, architect. C. G. De Swarte, structural engineer.

LOW BIDDER.

LONG BEACH, Cal.—J. E. Burrell, 750 W. Anaheim St., Long Beach, submitted low normal bid (using salvaged materials) to Long Beach board of education at $145,128, for the construction of the administration unit at the Jas. Russell Lowell junior high school. Low bidders on other contracts (using salvaged materials) are: Coast Elec. Co., 2550 Cedar Ave., Long Beach, on the electric wiring at $8193; Thos. E. Williams Co., 256 Alamitos Ave., Long Beach, plumbing at $3990; Hickman Bros., 910 E. Anaheim St., Long Beach heating at $3347. Edward L. Mayberry, 3900 E. Third St., Long Beach, architect.

Plans Completed.

SCHOOL Cost, $75,000

HEALDSBURG, Sonoma County, Cal. Luce Estate Property (6.3 acres).

One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.

Owner—Healdsburg Grammar School District.

Architect—John I. Easterly, 302 Grant Street, Healdsburg.

Plans have been forwarded to Sacramento for approval and bids will be asked shortly.

Mill Work Contract Awarded.

SCHOOL Cont. Price, $135,848

SAN FRANCISCO. Schwerin Street between Visitacion & Leland Sts. (Visitacion Valley School).

School unit (15 classrooms, library) reinforced concrete construction.

Owner—City and County of San Francisco.

Architect—Hyman & Appleton, 68 Post St., and G. Albert Lansburgh, 140 Montgomery Street.

Mechanical Engineers—Leland & Haley, 58 Sutter Street.

Structural Engineer — K. Theill, 580 Market Street.

Contractor—DeLucca & Son, 1745 Filbert Street.

Mill Work—Davis Hardwood Co., Bay and Mason Sts., $9,088.

Other sub-contracts reported Jan. 28.

FUNDS ALLOTTED.

SEBASTOPOL, Sonoma Co., Cal.—PWA has made a grant of $61,900 to the Analy Union High School District to assist the financing of a new high school at Sebastopol. It was formerly announced that a loan and grant of $278,000 was made but this was changed recently to an outright grant of $61,900.

The general contract has been awarded to A. Nelson, 242 Ocean Ave. San Francisco, at $148,676 and heating contract awarded to Carpenter & Mendenhall, 907 Front St., Sacramento, at $21,267. Electrical bids are still held under advisement.

LOW BIDDERS

COSTA MESA, Orange Co., Cal.—Cresmer Mfg. Co., 2601 Third Street, Riverside, submitted low normal general contract bid to the Board of Building Reconstruction at $58,256 for construction of a new administration and classroom building on the Costa Mesa Grammar School site. Other low bidders were: Hickman Bros.,

910 E. Anaheim St., Long Beach, plumbing, $6990; Allen Trusty & Sons, 211 N. Main St., Santa Ana, electric wiring, $3675. Herbert E. Mackie, architect & John Paxton Perrine, Western Pacific Bldg., Los Angeles.

Sub-Contracts Awarded.

SCHOOL Cont. Price, $135,848
SAN FRANCISCO. Schwerin Street between Visitacion & Leland Sts. (Visitacion Valley School).
School unit (15 classrooms, library), reinforced concrete construction.
Owner—City and County of San Francisco.
Architect—Hyman & Appleton, 68 Post St. and G. Albert Lansburgh, 140 Montgomery Street.
Mechanical Engineers—Leland & Haley, 58 Sutter Street.
Structural Engineer — K. Theill, 580 Market Street.
Contractor—DeLucca & Son, 1745 Filbert Street.
Brick Work—Reed & Reed, 1131 Hearst Bldg., $1,586.
Architectural Terra Cotta—Gladding, McBean & Co., 445 9th St., $900.
Marble—Ciervi Marble Co., 1721 San Bruno Ave., $1,254.
Terrazzo—M. H. Gnecco and Co., 36 Wood St., $5,975.
Iron Work—Peerless Ornamental Iron Works, 1528 Folsom St., $1,730.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $1,690.
Roofing—J. W. Bender Roofing Co., Bryant and 18th Sts., $879.
Window Hardware—Dalmo Sales Corporation, 611 Harrison St., $1,165.
Blackboards & Cork—The Gilman Co., 160 Second St., $3,194.
Linoleum—D. A. Pancoast Co., 557 Market St., $4,017.
Glass—W. P. Fuller & Co., 301 Mission St., $1,638.
Tile—Art Tile & Mantel Co., 221 Oak Street, $8,300.
Plastering—A. Knowles, 982 Bryant St. $13,941.
Metal Fence—Anchor Post Fence Co., 460 Fifth St., $956.88.
Rolling Doors—Chas. Christensen Co., 557 Market St., $87.90.
Flag Pole—L. Ph. Bolander and Son, 854 Bryant St., $344.
Shades—D. N. & E. Walter & Co., 652 Mission St., $441.06.
Finish Hardware — Marshall Newell Supply Co., Spear and Mission Sts. $2,687.
Painting—W. G. Thompson, 334 Church St., $3,100.
Recut Stone—Western Art Stone Co., 666 Brannan St., $230.
Mastipave—Malott & Peterson, 20th & Harrison Sts., $104.00.
Steelforms—Steelform Contracting Co. 131 Perry St., $3,015.
Reinforcing Steel—W. C. Hauck and Co., 280 San Bruno Ave., $11,013.91.
Asphalt Paving — Pacific Pavements Co., 85 Barstow St., $.0325 per sq. ft.
Electrical Work—Central Electric Co., 179 Minna St., $8,398.
Clock System—International Business Machines Corp., 529 Market Street $888.00.
Telephones—Cain Telephone Signal Co. 420 Market St., $81.50.
Mechanical Equipment—M. J. Reeves Heating Co., 959 Natoma Street, $17,850.

PLANNED

POMONA, Los Angeles Co., Cal.—Pomona Board of Education contemplates erecting a new elementary school, costing between $60,000 and $70,000, to replace the present Garey School. Tentative plans call for razing the old building using SERA labor for this purpose, and using as much of the material as possible in the new structure.

BIDS WANTED.

LOS ANGELES, Cal.—Until February 14, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 South San Pedro Street, for the construction of a two-story and basement Class A reinforced concrete school building at the Hollywood High School. Marsh, Smith & Powell, 516 Architects' Bldg., architects. Cost, $220,000.

CONTRACT AWARDED

NEWPORT BEACH, Orange Co., Cal.—John Strona, Philadelphia and East End Aves., Pomona, awarded general contract by Newport Beach Grammar School District, at $94,798, for construction of a new elementary school building at Newport Beach. The award was made on Strona's normal bid of $116,853, with deductions totaling $22,055 for the omission of the kitchen portion of auditorium, part of the painting, finish hardware and plastering. The hardware and plastering will be provided by a supplemental contract before the building is completed. Other awards, the amounts of which have not been definitely determined, have been made as follows: A. J. Garcia Co., 1072 N. Wilton Place, Los Angeles, heating and ventilating; Cave Electric Co., 2107 N. Ross St., Santa Ana, electric wiring; Pacific Plumbing Co., 313 N. Ross St., Santa Ana, plumbing. Donald B. Kirby, Balboa Island, Architect.

CONTRACTS AWARDED

SANTA ANA, Orange Co., Cal.—Thermon Means & Ball & Honer, 611 E. First St., Santa Ana, awarded general contract by Santa Ana Board of Education at $288,965 for constructing block "A" at Santa Ana High School. The award was made on the normal bid no alternates having been used. Other awards were made as follows: Cave Electric Co., 2107 N. Ross St., Santa Ana, electric wiring, $21,478; Johnston & Washer, 1706 N. Spring St., Los Angeles, heating and ventilating, $23,082; Hickmon Bros., 471 8th St., San Pedro, plumbing, $10,198. Allison & Allison 1014 Edison Bldg., Los Angeles, Architects.

Awards Approved.

SCHOOL Cont. Price, $135,848
SAN FRANCISCO. Schwerin Street, between Visitacion & Leland Sts. (Visitacion Valley School).
School unit (15 classrooms, library), reinforced concrete construction.
Owner—City and County of San Francisco.
Architect — Hyman & Appleton, 68 Post St., and G. Albert Lansburgh, 140 Montgomery St.
Mechanical Engineers—Leland & Haley, 58 Sutter Street.
Structural Engineer — K. Theill, 580 Market Street.
PWA approved the awards to the following:
Contractor—DeLucca & Son, 1745 Filbert Street.
Mechanical Equipment and Plumbing—M. J. Reeves, 959 Natoma St., at $17,850.
Electrical Work—Central Electric Co., 179 Minna St., at $8398.
Complete bids bublished Jan. 10.

Contract Awarded.

ALTERATIONS Cost, $2,000
SAN FRANCISCO. 693 Third Street.
Alterations to restaurant.
Owner—Continental Buffet, 693 3rd St
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

16— BANKS, STORES AND OFFICES

To Ask Bids In About One Week.

ALTERATIONS Cost, $25,000
SAN FRANCISCO. No. 111 O'Farrell Street.
Alterations and additions to present building for club.
Owner—Kohler & Chase, 36 O'Farrell Street (George O. Chase).
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Lessee—Town Club of San Francisco (W. O. Brown in Charge), 111 O'Farrell St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $4000
SAN FRANCISCO. W Polk St. 137 N Broadway.
Alterations to market and store.
Owner—Samuel H. Levin, 25 Taylor Street.
Architect—Not Given.
Contractor—H. L. Petersen, 731 Treat Avenue.

BIDS OPENED.

OAKLAND, Cal.—Rockwood Sprinkler Co., 7 Front St., San Francisco, at $9,875 submitted low bid to East Bay Municipal Utility District, for furnishing and installing complete with all accessories an automatic fire sprinkler system at the main building, located at 512 16th St., Oakland.
Complete bids follow:

Rockwood Sprinkler Co., S. F.	$ 9,875
Grinnell Co. of the Pacific, San Francisco	9,948
Albertson-McCormick Sprinkler Co., San Francisco	10,100

Bids held under advisement.

Bids Opened.

ALTER BLDG. Cost, $——
SACRAMENTO, Sacramento Co., Cal. 1310 K Street.
Alterations to two-story frame building (buffet and restaurant on first floor, apartments on second floor).
Owner—Marion Babich, 2208 Third St., Sacramento.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—H. W. Robertson, 3004 F. St., Sacramento.
Complete bids follow:

H. W. Robertson	$ 6,700
Jul Johnson Co.	6,999
C. Sarmento	7,600
Chas. Unger	7,150
C. V. Osborne	11,400

Bids held under advisement.

Structural Steel Contract Awarded.

ALTERATIONS Cost, $15,000
SAN FRANCISCO. 74-86 Otis Street.
Alterations to telephone exchange.
Owner — Pacific Telephone and Telegraph Co., 140 New Montgomery
Engineer—R. S. Chew, 140 New Montgomery Street.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.
Structural Steel—Judson Pacific Co., 609 Mission Street.
As previously reported plumbing and heating awarded to Jas. H. Pinkerton, 927 Howard Street; electric to Radellinger Bros., 544 Natoma St.

Low Bidder.

MARKET Cost, $12,000
OAKLAND, Alameda Co., Cal. College Avenue near Shafter Avenue.
One-story Class C public market (42x 120 ft.) brick walls, steel trusses and columns, concrete floors, etc.
Owner—Henslee Corporation.
Architect—C. H. Treichel, 696 Cleveland Avenue, Oakland.
Low Bidder—H. K. Henderson, 20 Avis Road, Oakland.

Reinforcing Steel Contract Awarded.
ALTER BANK Cost, $——
SAN FRANCISCO. Haight and Fillmore Streets.
Alterations to branch bank (work involves new vault, remodel front, rearrange bank fixtures, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Reinforcing Steel — Peerless Ornamental Iron & Bronze Works, 1528 Folsom St., San Francisco.
As previously reported, concrete awarded to D. Seghieri & Co., 35 Cook St., S. F.
Other awards will be made shortly.

To Be Done By Day's Work
ALTER STORE Cost, $2500
STOCKTON, San Joaquin Co., Calif. 1001 West Church Street.
Alterations to store building.
Owner—Naomi Wigginton, premises.
Architect—Not Given.

Contract Awarded.
MARKET Cost, $5000
SAN FRANCISCO. NE Taylor and Pacific Streets.
One - story and basement frame market building.
Owner — Angelina Puccinelli, 1670 Chestnut Street.
Architect—Not Given.
Contractor—Guido Moriconi, 1670 Chestnut Street.

Concrete Contract Awarded.
ALTER BANK Cost, $——
SAN FRANCISCO. Haight and Fillmore Streets.
Alterations to branch bank (work involves new vault, remodel front, rearrange bank fixtures, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Concrete—D. Seghieri & Co., 35 Cook St., San Francisco.
Other awards will be made shortly.

To Be Done By Day's Work.
OFFICE Cost, $1500
SAN JOSE, Santa Clara Co., Cal. 817 The Alameda.
One-story wood frame office bldg.
Owner and Builder—Merner Lbr. Co., 817 The Alameda, San Jose.
Architect—Not Given.

PLANNED
SAN DIEGO, Cal.—Ford Motor Co., Dearborn, Mich., has contracted for an industrial exhibit to be placed on display at the California-Pacific International Exposition to be held in San Wiego this year. The exhibit will be housed in a permanent building, while nearby will be constructed an amphitheater to accommodate 3000 persons.

Contract Awarded
REPAIR BLDG. Cost, $2,000
SAN FRANCISCO. 1770 Eddy Street.
Repair fire damage to building.
Owner—California College of Chiropidy, 1770 Eddy Street.
Contractor — Fred. J. Early, Jr., 369 Pine Street.

Sit Purchased.
Site Purchased.
COMMERCIAL BLDG. Cost, $——
FRESNO, Fresno Co., Calif. Broadway and Amador Streets.
Construct new commercial building (100x150 feet).
Owner—Food Machinery Corp., 217 W. Julian St., San Jose.
Plans by Engineering Dept. of Owner.

January 29, 1935

Contract Awarded.
ADDITION Cost, $15,000
REDDING, Shasta Co., Calif. Market and Placer Streets.
One - story concrete addition to store building (annex 67x140 feet).
Owner—McCormick Saeltzer Co., Redding.
Plans by Engineering Dept. of Owner.
Contractor—J. P. Brennan, Redding.

Commissioned To Prepare Plans.
OFFICE BLDG. Cost, $——
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One - story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Wrecking Contract Awarded.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif. SE Broadway and Thirteenth Streets.
Two - story steel and concrete office building (to contain 45,006 square feet of floor space).
Owner—Chas. Jurgens Company.
Architect—H. A. Minton, 525 Market Street, San Francisco.
Agent—Lionel Wachs Co., Bank of America Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
Wrecking—Symon Bros. Wrecking Co. 22nd Ave. and E 14th St., Oakland.
Awards on other portions of the work will be made shortly.
As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded.
ALTERATIONS Cost, $3000
SANTA ROSA, Sonoma Co., Cal. No. 509 Adams Street.
Alterations to hotel for restaurant.
Owner—Mrs. Lena Bonfiglia, 509 Adams St., Santa Rosa.
Architect—Not Given.
Contractor—W. L. Haywood, Santa Rosa.

Contract Awarded.
ALTERATIONS Cost, $1798
SAN FRANCISCO. No. 22 Third St.
Alterations to building.
Owner—Pacific States Savings & Loan Assn.
Architect—Not Given.
Contractor—Seymour Showcase and Fixture Corp., 604 Mission St.

To Be Done By Day's Work.
ADDITION Cost, $2500
OAKLAND, Alameda Co., Cal. No. 7773 Greenley Drive.
Addition to building.
Owner—Bank of America, 12th St. & Broadway, Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTER STORE Cost, $1500
SAN FRANCISCO. No. 3039 Sixteenth Street.
Owner—Mrs. Wolf, % Contractor.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

17— THEATRES

Sub-Contracts Awarded.
ALTER THEATRE Cost, $——
SAN JOSE, Santa Clara Co., Calif. 263 North First Street.
Alterations and additions to theatre building (known as the American Theatre) removal of ramp to balcony, new stairway, decorating.
Owner—Golden State Theatre Corp., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Lumber — Pacific Manufacturing Co., rey Blvd., San Francisco. Santa Clara.
Painting—Wm. Chavalas, 58 Monte-

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SAN FRANCISCO. — Moore Shipbuilding Co., foot of Adeline St., Oakland, at $683 submitted low bid and awarded contract by the Board of Fire Commissioners, Frank T. Kennedy, Chief Clerk and Secretary, City Hall, for drydocking, painting and other hul. repairs on the Fire Boat "Dennis T. Sullivan." The other bids were:
General Engineering & Drydock Co., Oakland, $698.00.
Bethlehem Shipbuilding Corp., San Francisco, $712.00.

BIDS OPENED.
LOS ANGELES COUNTY, Cal.—J. L. McClain, 5850 Brynhurst Ave., Los Angeles, at $65,540.70 on Alternate A (asphalt concrete) and at $65,531.70 on Alternate B (Portland cement concrete) submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 0.8 mile paving with asphalt concrete and Portland cement concrete in Los Angeles County between California Ave. and Colorado Ave.
Complete bids follow:
J. L. McClain, Los Angeles, (Alt. A) $65,540.70; (Alt. B) $65,531.70.
J. E. Haddock, Ltd., Pasadena, $66,693.00; $71,344.80.
Southwest Paving Co., Inc., Los Angeles, $67,505.25; $.....
Oswald Bros., Los Angeles, $68,049.40; $76,438.90.
Griffith Co., Los Angeles, $68,291.00; $72,735.60.
George R. Curtis Paving Co., Los Angeles, $72,412.42; $.....
Mundo Engineering Co., Los Angeles, $74,076.40; $.....
Los Angeles Paving Co., Los Angeles, $75,543.50; $79,193.50.
Unit bids will be given shortly.

Bids Opened.
CONVENIENCE STA.. Cost, $——
SAN FRANCISCO. Land's End.
One-story convenience station at Land's End.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park, (B. P. Lynch, Secretary).
Plans by Owner.
Complete bids follow:

Bd. of Park Commissioners	$4675.67
DeLucca & Son, 1745 Filbert Street	4790.00
Frank J. Reilly	4971.00
W. C. Akard	5074.00
R. S. Silverberg	5098.00
Monson Bros.	5194.00
Barrett & Hilp	5350.00
*Grant & Martinelli	4776.00

*Bid irregular, not considered.
Bids under advisement.

BIDS OPENED
VENTURA COUNTY, Cal.—Basich Bros. 20550 Normandie Ave., Torrance at $214,957.60 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles of grading and paving with asphalt concrete in Ventura county between Sea Cliff and Benham.
Complete bids follow:

Basich Bros., Torrance	$214,957.60
Sharp & Fellows Contracting Co., Los Angeles	233,088.40
Mundo Engr. Co. and Sander Pearson, L. A.	241,910.00
Oswald Bros., Los Angeles	249,774.80

Unit bids will be given shortly.

LOAN GRANTED
ELY, White Pine Co., Nevada—The Reconstruction Finance Corporation has approved a loan of $3,000,000 to the Consolidated Copper Mines, Ely, which will be used for the construction of a concentrating plant. J. B. Haffner, General Manager.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Feb. 11, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing fabricating and delivering as required, deformed concrete reinforcement bars for use in the construction of the Colorado River Aqueduct and appurtenant works in accordance with Specifications No. 87. The items and approximate quantities have been grouped into four schedules as follows:

Schedules 1 and 2 (alternative): 4450 tons of hard grade billet-steel or rail-steel bars.

Schedule 3: 780 tons intermediate grade billet-steel bars and cutting and bending same.

Schedule 4: 1800 tons of intermediate grade billet-steel bars and fabricating the same into circular hoops.

Certified check or cashier's check, 10%. Specifications may be obtained at room 1007, 306 West Third St., Los Angeles, or at Banning, upon payment of $2.00 per set, not returnable. F. E. Weymouth, General Manager and Chief Engineer.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until February 5, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 1812, as follows:

(1) 24 blasting machines, 1 to 50 shots;

(2) 36 blasting machines, 1 to 10 shots.

Delivery f.o.b. Government Island

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

FEBRUARY 6, 2 P. M.

BID NO. 1847: Fob Government Island: 50 level rods, 15-ft. in length in three sections;

BID NO. 1849: Fob Government Island: 75 Abney levels, with cases.

FEBRUARY 11, 2 P. M.

BID NO. 1846: Fob Government Island: 50 steel tapes, 50-ft., without reel, with thongs.

BID NO. 1848: Fob Government Island: 50 clinometer rules, consisting of two legs each, approximately 6-in. in length.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Bids will be received by I. M. Stevens, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

FEBRUARY 5, 2 P. M.

BID NO. 1813: Fob bidder's shipping point and/or Government Island: 2,500 axe stones, combination 3-in dia., ⅝-in. thick.

FEBRUARY 7, 2 P. M.

BID NO. 1815: Fob bidder's shipping point and/or Government Island: 1,200 packsacks;

BID NO. 1819: Fob bidder's shipping point and/or Government Island: 40 doz. aluminum coffee pots with aluminum handle, two piece construction;

BID NO. 1818: Fob bidder's shipping point and/or Government Island 10 gross detachable clamp handles;

BID NO. 1817: Fob bidder's shipping point and/or Government Island: 40 dozen aluminum coffee pots with folding handle;

BID NO. 1816: Fob bidder's shipping point and/or Government Island: 162 dozen aluminum pails and covers.

FEBRUARY 8, 2 P. M.

BID NO. 1814: Fob bidder's shipping point and/or Government Ialand: 1,500 lbs. jute No. 7 twine.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until February 4, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID No. 1851, f.o.b. bidder's shipping point and/or Porterville: (1) bolts, cap screws, nuts and washers.

BID No. 1852, f.o.b. bidder's shipping point and/or Porterville: (1) 20,040 ft. mild steel; (2) 580 ft. mild round steel; (3) 140 ft. plow steel

BID No. 1853, f.o.b. bidder's shipping point and/or Susanville: (1) 2 circulating heaters, wood burning enamel outside, cast iron lined.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL.—Until February 7, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3026, for furnishing miscellaneous supplies and equipment, including: Steel, copper, brass, copper-nickel alloy, plate zinc, brass pipe, wire rope, phosphor bronze wire, steel wire, electric welding rods, drill-grinding machine, fire extinguishers, chemical fire engines, automatic numbering machines, pressure-gauge testers, toggle switches, drill chucks, tackle blocks, grease cups goggles, mop heads, hose, Manila rope, nails, trisodium phosphate and crude carbolic acid.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until February 5, 3 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Capt. J. G. Drinkwater, District Engineer, Sacramento, under Spec. 7091-2256, for furnishing and delivering miscellaneous castings. Delivery f.o.b. regular wharf, Rio Vista.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Feb. 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1334, for furnishing 30 1- and 50 2-inch water meters.

Specifications obtainable from above office.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Feb. 7, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 710, 207 S. Broadway, for furnishing approximately 250,000 pound 40% strength, Class A explosives during a period of three months from the date of award of contract for excavation work in Mono Craters Tunnel, including the driving of two shafts incidental thereto under Spec. No. 1610.

LOS ANGELES, Cal.—Until Feb. 8, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, for furnishing pole type distribution transformers furnished without oil but including accessories, under Spec. No. 1601, as follows:

(1) 30 only 7½-kva, 4600 volts primary, 230/115 volts secondary, pole type transformers:

(a) fob cars bidder's shipping point

(b) fob cars or trucks department's warehouse, 1630 N. Main St., L. A.

(2) 10 only 37½-kva, 4600 volts primary, 230/115 volts secondary, pole type transformers:

(a) fob cars bidder's shipping point

(b) fob cars or trucks department's warehouse, 1630 N. Main St., L. A.

(3) 3 only 25-kva, 4600 volts primary, 460/230 volts secondary, pole type transformers:

(a) fob cars bidder's shipping point

(b) fob cars or trucks department's warehouse, 1630 N. Main St., L. A.

(4) 10 only 37½-kva, 4600 volts primary, 460/230 volts secondary, pole type transformers:

(a) fob cars bidder's shipping point.

(b) fob cars or trucks department's warehouse, 1630 N. Main St., L. A.

PLUMAS COUNTY

PLUMAS COUNTY, Cal.—Until Feb. 4, 10 A. M., bids will be received by the Plumas County Board of Supervisors, John Donnenwirth, Clerk, Quincy for furnishing 25,000 gallons of fuel oil of 18-plus gravity, fob Quincy, to be delivered as called for in tank cars not to exceed 6,500 gallons capacity each.

Specifications obtainable from above office.

NAVY DEPARTMENT

BREMERTON, Wash.—Until Jan. 30 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 327 NSA, for furnishing 17,400 ft. of wire rope, phosphor-bronze, in 600 ft. coils, ¼-in. diameter.

Specifications obtainable from above office.

MARE ISLAND, Cal.—Until Feb. 27, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for two 20-ton locomotive cranes for the Navy Yard, Mare Island, under Spec. No. 8757.

Plans and specifications may be obtained from the above office and from the Commandant, Mare Island Navy Yard, upon deposit of $5.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excess.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

GOVERNMENT ISLAND, Cal. — Herrick Iron Works, 18th and Campbell St., Oakland, at $3772, f.o.b. Oakland, awarded contract by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, January 24, under Bid No. 1766, for furnishing one 220 ft. structural steel continuous beam span and one 60 ft. simple beam span, including all structural steel, bol's for field connections, etc. The other bids were:

Pacific Coast Steel Co., $3829, f.o.b. Alameda.

Moore Dry Dock Co., $4564, f.o.b. Oakland.

Dyer Bros., $4238, f.o.b., San Francisco.

Schrader Iron Works, $4459 f.o.b., San Francisco.

Minneapolis Steel & Machine Co., $3750, f.o.b. Minneapolis.

Judson Pacific Co., $3894, f.o.b. San Francisco.

Golden Gate Iron Works, $3839, f.o.b. San Francisco.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until February 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for widening a reinforced concrete bridge across Malibu Creek, approximately 10 miles northwest of Santa Monica, Los Angeles County, consisting of 17 31-ft. 6-in. spans on conc. bents and abutments. The work involves:

(1) 500 cu. yds. structure excav.;
(2) 85 cu. yds. existing concrete to be removed and disposed or;
(3) 85 cu. yds. Class A Portland cement concrete (footing blocks);
(4) 520 cu. yds. Class A Portland cement concrete;
(5) 36 cu. yds. Class E Portland cement concrete (railing);
(6) 97,000 lbs. bar reinf. steel;
(7) 780 lbs. bronze expansion plate;
(8) 3.5 m. ft. board measure
(8) 3.5 M ft. board measure Redwood tmber select all heart structural grade;
(9) 250 tons asphalt concrete;
(10) 560 lin. ft. temporary railing;
(11) 1 lot miscellaneous items of work

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., San Francisco, at $4,026.05 awarded contract by the Department of Public Works, City Hall, for repairs to the Mission Viaduct at Cayuga Ave. (Cayuga Ave. underpass, Mission Viaduct).

22—DREDGING HARBOR WORKS EXCAVATION

UNIT BIDS.

PORTLAND, Ore.—Winston Bros. & Guy F. Atkinson Co., Porter Building, Portland, at $1,493.535, as previously reported, submitted the only bid to the U. S. Engineer Office, 306 Customhouse, Portland, January 24, under Bid No. 35-374, for repairing the South Jetty at the mouth of the Columbia river, Oregon and Washington.

The work involves:

(1) 80,000 l f. Douglas fir piling;
(2) 11,000 l.f. piling cut off at ½ above net price;
(3) 1400 MFBM Douglas fir lumber;
(4) 29,000 lbs. drift bolts;
(5) 54,000 lbs. machine bolts, including washers;
(6) 43,000 lbs. ship and wire spikes;
(7) 32,000 lbs. railroad spikes;
(8) 270 tons 75-lb. steel rails, relay, bars, bolts;
(9) 32 sets splice bars, bolts for salvage rails;
(10) 2 sets frogs and switches, complete;
(11) 40,000 l.f. cable wire, not less than ⅝-in.;
(12) 18,000 lbs. steel straps;
(13) 2700 metal pile shoes;
(14) 3800 anti-rail creepers;
(15) 700,000 tons stone;
(16) 900 tons stone to close old jetty;
(17) 25 MFBM lumber salvage;
(18) 77 tons rail, steel, bars and bolts;
(19) 2 sets frogs and switches;
(20) 600 anti-rail creepers.

Total bids follow:

(A) Winston Bros. & Guy F. Atkinson Co., Portland, $1,493,535.
(B) Engineer's estimate, $1,371,577.

Unit bids follow:

	(A)	(B)
(1)	$ .60	$ .54
(2)	.30	.27
(3)	60.00	46.00
(4)	.05	.04
(5)	.07	.055
(6)	.06	.05
(7)	.05	.045
(8)	36.00	36.50
(9)	2.50	.75
(10)	225.00	199.00
(11)	.05	.02
(12)	.06	.05
(13)	1.20	1.25
(14)	.40	.30
(15)	1.89	1.76
(16)	4.00	3.60
(17)	40.00	25.00
(18)	35.00	10.00
(19)	160.00	50.00
(20)	.20	.10

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

OAKLAND, Alameda Co., Cal.—Until February 4, 4:30 P. M., bids will be received by the City of Oakland Port Commission, for dredging at the foot of Market Street, Oakland. Work involves approximately 10,000 cu. yds.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 6, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Airport Contract No. 35, for dredging channel for levee for extension of landing field at the San Francisco Airport.

The work consists of dredging a channel along the line of the levee now being constructed under another contract, to and just east of the present landing field of the San Francisco Airport.

The work involves 7,000 c.y. channel dredging.

L. T. McAfee, chief engineer. Plans and specifications obtainable at Room 609, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $5.00.

BIDS WANTED.

SAN FRANCISCO.—Until Feb. 6th, 1:45 P. M., informal bids will be received by S. J. Hester, Deputy Director, Department of Public Works, Room 251, City Hall, for removal of a landslide on the easterly side of Bay Shore Blvd. approximately 100 feet northly from Hester Avenue. Work involves removal of 700 cubic yards of material. Est. cost $700.

BIDS WANTED

NEWPORT BEACH, Los Angeles Co., Cal.—Until February 4, 7:30 P M., bids will be received by Newport Beach city council for the construction of a wooden bulkhead and appurtenances adjacent and contiguous to the east line of Block P, Tract No. 518, entrance to Newport Harbor; 1911 Act.

The blds wil be taken on two types. viz:

(1) 323 ft. Section "A" woooden bulkhead;
(2) 252 ft. Section "B" do.

The work will involve:

65,000 B. ft. 4x12 T G creosoted sheet piling;
5,400 B. ft. 6x8 T G do;
1,100 lin. ft. 12-in. T & G creosoted piling.

R. L. Patterson is the city engineer Certified check or bond, 10%. Frank L. Rinehart, city clerk.

Following have procured plans:

Sparks & McClellan, 23rd and Central, Newport Beach.

Croft & Neville, Costa Mesa.

23— IRRIGATION PROJ.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho. —Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $232,991.50 awarded contract by the Bureau of Reclamation, Ontario, Ore., for the construction of earthwork, tunnels and structures, South Canal, Station 2 to Station 736, Succor Creek Division, Owyhee Project, under Spec. No. 607 Complete bids published Jan. 14.

BIDS OPENED

PORTLAND, Ore. — Winston Bros. and Guy F. Atkinson Co., Porter Bldg. Portland, at $1,493.535 submitted the only bid to the U. S. Engineer Office, 306 Customhouse, Portland, January 24, under Bid No. 35-374, for repair-

ing the South Jetty at the mouth of Columbia river, Oregon and Washington, requiring the furnishing and placing of about 700,000 tons of stone.

Engineer's estimate, $1,371,477.

NOTE: It was previously reported incorrectly that the bid was $493,535.

CONTEMPLATED

MONTEREY COUNTY, Cal.—Bills to authorize a $26,000,000 water and power development in the Salinas Valley have been introduced in the state legislature by Assembly Patterson of King City. Two dams on the Salinas River are proposed, one at Arroyo Seco and the other near Atascadero.

BIDS OPENED

HYRUM, Utah.—Knowlton & Rupert, Layton, Utah, at $26,997.50 submitted low bid to the Bureau of Reclamation, Hyrum, Utah, January 21, under Spec. No. 606, for the construction of a pumping plant, structures, and canal lining on the Hyrum-Mendon, Hyrum Feeder, and Wellsville Canals, Hyrum Project, Utah.

Complete bids follow:

Knowlton & Rupert, Layton, Utah	$26,997.50
J. A. Terteling & Sons, Boise	29,648.00
J. J. Burke & Co., Salt Lake City	31,872.00
T. G. Rowland, Salt Lake City	34,516.25
Moser & Hill, Logan, Utah	37,445.00

Bids held under advisement.

COMPLETE BID LISTING.

OWYHEE PROJECT, Oregon-Idaho.—George B. Hendy, Nyssa, Oregon, at $21,502, as previously reported, submitted low bid to the Bureau of Reclamation, Ontario, Oregon, January 15, under Spec. No. 644-D, for the construction of earthwork and structures, North Canal Laterals, Mitchell Butte Division, Owyhee Project.

Complete bids follow:

Geo. B. Henly, Nyssa Ore.	$21,502
J. A. Terteling & Sons, Boise	21,536
Morrison-Kundsen Co., Boise	22,915
John Klug, Nyssa	24,866
Quinn-Robbins Co., Boise	25,042

Bids held under advisement.

TO ASK FUNDS.

YUMA, Ariz. — Power development on the All-American Canal costing $11,787,000 has been recommended to Imperial Irrigation District by W. S. Cone, consulting electrical engineer. The directors have approved the report and have authorized an application to the PWA for funds with which to finance the proposed program. The engineer's recommendations are:

1. Construction by the irrigation district of hydro-electric power plants at five drops on the canal, having a total capacity of about 60,000-KW. (80,000-hp.); total estimated cost, $6,620,000.

2. Expansion of the Diesel electric stand-by plant now under construction by the district at Brawley to a capacity of 15,000-KW. (20,000-hp.); estimated cost $1,500,000.

3. Construction by the district of a transmission and distribution system to completely serve Imperial and Coachella valleys and adjoining areas; estimated cost, $3,667,000.

The report was submitted to board by M. J. Dowd, Chief Engineer and General Superintendent.

January 30, 1935

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—Following bids received by the Modesto Irrigation District, C. S. Abbott, Secretary of the Board of Directors, Modesto, for furnishing labor and all materials except cement for the repair of old lining by guniting, the construction of 2-in. concrete lining, and reinforced concrete outlet headwalls, in the Canals and Laterals of the District.

The bidders were:

(A) J. N. Kristich, Knightsen.

(B) Ed. Erickson, Route 4, Box 744, Modesto.

Unit bids follow:

Canal Lining

Group X

	(A)	(B)
(A-1) 11,654 sq. ft. 2-in. conc. lining	$0.079	$0.0795
(A-2) 18,063 sq. ft. do.	.0785	.0790
(A-3) 57,450 sq. ft. 1-in. Gunite	.083	.0730
(A-4) (1) 27,368 sq. ft. 2-in. conc. lining	.079	.0820
(A-4) (2) 1.75 cu. yds. concrete	28.00	23.00
(A-5) 4718 sq. ft. 2-in. concrete lining	.08	.08
(A-6) 24,454 sq. ft. do.	.0875	.0885
(A-7) 58,158 sq. ft. do.	.....	.0760
(A-8) (1) 31,424 sq. ft. concrete lining	.0875	.0755
(A-8) (2) 1 cubic yard concrete	28.00	23.00
(B-16) 41,112sq. ft. 2-in. concrete lining	.0873	.0765
(B-17) (1) 7562 sq. ft. do	.0875	.0765
(B-17) (2) 1.75 cu. yds. concrete	28.00	23.00
(B-18) (1) 34,479 sq. ft. concrete lining	.0875	.0765
(B-18) (2) 2.16 cu. yds. concrete	28.00	23.00
(B-19) 23,337 sq. ft. 2-in. conc. lining	.0875	.0760
(B-20) 25,334 sq. ft. do.	.0875	.0760
(B-21) 21,859 sq. ft. do.	.....	.07
(B-22) (1) 7610 sq. ft. 2-in. conc. lining	.....	.0725
(B-22) (2) 1.25 cu. yds. concrete	.....	23.00

Total, Group X: 341,330 sq. ft. 2-in. concrete lining; 7.92 cu. yds. reinf. concrete, and 57,450 sq. ft. 1-in. Gunite.

Group Y

	(A)	(B)
(A-9) 7200 sq. ft. 2-in. concrete lining	$0.0905	$.....
(A-10) 19,001 sq. ft. do	.0905	.....
(A-11) 10,331 sq. ft. do	.0905	.....
(A-12) (1) 24,960 sq. ft. concrete lining	.0905	.....
(A-12) (2) 0.85 cu. yds. concrete	28.00	.....
(B-1) 3091 sq. ft. 2-in. concrete lining	.0905	.....
(B-2) (1) 21,272 sq. ft. concrete lining	.0905	.....
(B-2) (2) 3.5 cu. yds. concrete	28.00	.....
(B-3) 9.935 sq. ft. 2-in. concrete lining	.0905	.....
(B-4) (1) 4.054 sq. ft. concrete lining	.0905	.....
(B-4) (2) 1.26 cu. yds. concrete	28.00	.....
(B-5) (1) 10,355 sq. ft. 2-in. conc. lining	.0905	.....
(B-5) (2) 3.26 cu. yds. concrete	28.00	.....
(B-6) 19,110 sq. ft. 2-in. concrete lining	.0905	.....
(B-7) 10,138 sq. ft. do.	.0905	.....
(B-8) 35,532 sq. ft. do.	.0905	.....
(B-10) (1) 13,500 sq. ft. concrete lining	.0905	.....
(B-10) (2) 2.12 cu. yds. concrete	28.00	.....
(B-11) 19,374 sq. ft. 2-in concrete lining	.0905	.....
(B-12) (1) 9900 sq. ft. concrete lining	.0905	.....
(B-12) (2) 2.77 cu. yds. concrete	28.00	.....
(B-13) (1) 8437 sq. ft. 2-in. conc. lining	.0905	.....
(B-13) (2) 1.51 cu. yds. concrete	28.00	.....
(B-14) 18,479 sq. ft. 2-in. concrete lining	.0925	.....
(B-15) (1) 12,395 sq. ft. concrete linig	.0925	.....
(B-15) (2) 1.51 cu. yds. concrete lining	.0925	.....

Total, Group Y: 257,096 sq. ft. 2-in. concrete lining and 16.78 cu. yds. concrete.

(A) Approximate total of partiol bid, Group X, $26,195; Approximate total, Group Y, $24,081.

(B) Approximate total, Group X, $30,625.

Contract awarded to Ed. Erickson at approximately $26,500 for a portion of Group X. All other bids rejected and balance of work abandoned.

FUNDS ALLOTTED.

MARICOPA CO., Ariz.—The Federal Public Works Administration has allotted a loan and grant in amount of $756,000 to the Roosevelt Irrigation District, Buckeye, Maricopa Co., Ariz., for installation of approximately 4,911,000 square feet of gunite lining in existing main canal system. The approximate cost of labor and material is $702,000, of which 30 per cent is a grant. The balance is a loan secured by 4 per cent general obligation bonds.

FUNDS ALLOTTED

COLUMBIA COUNTY, Oregon—The Federal Public Works Administration has allotted a loan and grant of $15,000 to the Marshall Drainage District, Columbia County, Oregon, for rebuilding and repairing of approximately 1200 lineal feet of dye, the clearing of ditches and the installation of a pumping plant. The approximate cost of labor and material is $14,700 of which 30% is a grant. The balance is a loan secured by 4% Special Assessment Bonds.

FUNDS ALLOTTED.

COLUMBIA COUNTY, Ore.—Federal Public Works Administration has allotted a loan and grant of $15,000 to the Marshall Drainage District, Columbia County, Oregon, for rebuilding and repairing of approximately 1,200 lineal feet of dyke, the clearing of ditches and the installation of a pumping plant. The approximate cost of labor and material is $14,700 of which 30% is a grant. The balance is a loan secured by 4% special assessment bonds.

TO ASK BIDS.

YUMA, Ariz.—Bids will be asked by the Bureau of Reclamation, probably in March, for the execution of additional sections of the All-American Canal from the site of the Imperial Dam and the desilting works to Laguna and in the area west of the sand hills. Bids for the construction of the Imperial Dam and the desilting works will probably be asked in June. This work as planned represents an expenditure of $10,000,000 additional to the $9,000,000 already available for the canal work. R. B. Williams, Yuma, is construction engineer in charge of this project.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Cal.—The Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, have awarded a contract (subject to PWA approval) to Ed. Erickson, Route 4, Box 744, Modesto, at approximately $26,500 for a portion of the work included in Group X, for guniting and concrete lining of canals and laterals of the District.

The bid of J. N. Kristich, Knightsen was rejected and the District will abandon the balance of the project for this season.

24— STREET LIGHTING SYSTEMS

CONTEMPLATED

SAN LUIS OBISPO, Calif.—Midland Counties Power Co. has submitted to the city council a proposal to modernize the entire street lighting system at a cost of $50,000. The company will pay all equipment charges, installation and maintenance. Portion of the city is now served by gas lamps.

BIDS OPENED

SAN DIEGO, Cal.—W. H. Kumble, 6507 Haas Ave., Los Angeles, submitted low bid to the San Diego city council January 29 at $44,970 for furnishing and installing an ornamental lighting system on Atlantic St. between Barnett Ave. and Witherly St., and portions of Barnett Ave., Subway St., Sassafras St, Palm St. and other streets, involving 186 Union Metal standards.

The other bids were:

G. A. Hunt	$46,124
D. S. McEwen	47,365
Globe Electric Works	49,448
B. G. Carroll	51,717
Alowance bid	46,197

Bids referred to the city manager.

CONTRACT AWARDED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., at $11,794.00 awarded contract by the Department of Public Works, City Hall, for the installation of an ornamental lighting system on Alemany Blvd., Section "A", from Bayshore Blvd. to Mission St., a total distance of 1.26 miles.

The work to be done includes the instalation of conduits; the construction of foundations; the erecting, assembling, and painting of standards; the furnishing and installing of luminaries with compensators, refractor, and lamps; the furnishing, installing splicing and testing of cables; and the furnishing and installing of all appurtenances incident to the construction of the lighting system.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO—Following bids received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, January 28, for the rental of three pneumatic tired dump trucks, chassis weight not less than 2800 lbs., body capacity not less than 1½ c. yds., for approximately 1500 hours, to be used in Napa County. (A) Hand loading; (B) Shovel loading:

(A) $1.50; (B) $1.70: R. G. Weir, Biggs, Calif.

(A) $1.50; (B) $1.73: W. E. McMahon, Kernwood.

(A) $1.53; (B) $1.66: Oka Stewart, Topanga.

(A) $1.50; (B) $1.77: Rosenberg Bros., S. F.; Mullineaux, Oelkers & Barger, Oakland; D. T. LaPaugh, Oakland; E. M. Roach, Oakland; E. E. Meyers, Chico; J. Volpa, Fresno; L. J. Elewett, Los Angeles; N. H. Reynolds, Alameda; Lloyd Norton, San Bernardino; A. L. Philbrick, Oakland; H. L. Miller, Oakland; G. J. Fraties, Oakland; Rock & Gravel Trucking Co., Oakland; Cozzens & Triplett, Oakland; K. P. Lancaster, Los Angeles; T. D. Needham, Pasadena; Hayward Bldg. Supply, Hayward; A. Walgren, S. F.; S. N. Epperson, Woodland; A. Texiera, Oakland; Miller, Burkholder & Miller, Oakland; Dan Gallagher, S. F.; L. A. Herlyok, Los Angeles; F. Crickson, Oakland; Hayward Bldg. Materials Co., Hayward; U. S. Boren, Hollywood; Fred McCoy, Downey; Truck Constr. & Equipment Co., Oakland; C. H. Sperring, Whittier; Bruno Skibo, Oakland; N. P. VanVolkenburg, Los Angeles; H. K. Smith, Roscoe; F. W. Totten, Oakland; J. Starkenberg, Los Angeles; Jess Askey, San Bernardino; Gary Starkenberg, San Bernardino; N. A. Abercrombie, Whittier; S. A. Heimbecker, Los Angeles; Glendale Truck Co., Pasadena; Joe Cunha, Hayward; P. L. Weirman, Oakland; M. L. Puertl, Oakland; L. Green, Oakland; W. Ryals; J. Alexander; E. Alexander and C. Poore, Oakland; Walter Morgan, Pasadena; E. Della Rosa, Martinez; J. G. Thornton, Fairfax; M. Bertolino, S. F.; J. F. Hensen, Los Angeles.

(A) $1.57; (B) $1.77: Jerry Taylor, Oakland.

(A)$1.83; (B) $2.00: Louis Lambretti, Mill Valley.

(A) $3.00; (B) $3.25: Frank Malfitano, Pittsburg.

BIDS OPENED

FORT PECK, Montana — Paul A. Florian and Harry G. Chapman, Receivers of the American Well Works, Aurora, Ill., at $2444 submitted low bid to the U. S. Engineer Office, Kansas City, Mo., January 11, under F. P. No. 30, 35-196, for furnishing electric motor driven centrifugal water pumps. Complete bids follow:

Paul A. Florian and Harry G. Chapman, Aurora, Ill., $2444.

Pacific Pump Works, Huntington Park, Calf., $3104.

Union Steam Pump Co., Battle Creek, Mich., $3240.

Pennsylvania Pump & Compressor Co., Easton, Pa., $3242.22.

Chicago Pump Co., Chicago, Illinois, $3459.20.

Goulds Pumps Inc., Seneca Falls, N. Y., $3535.

Virginia Machinery & Well Co., Richmond, Va., $3680.

Worthington Pump & Machinery Corp. Harrison, N. J., $3704.

DeLaval Steam Turbine Co., Trenton, New Jersey, $3738.

John H. McGowan Co., Cincinnati, Ohio, $3756.

M. T. Davidson Co., Brooklyn, New York, $3837.

The Nash Engineering Co., South Norwalk, Conn., $3904.

Victor Equipment Co., Los Angeles, $3940.

Weil Pump Co., Chicago, Ill., $4000.

Dayton-Dowd Co., Quincy, Illinois, $4020.

Fairbanks Morse & Co., Kansas City, Mo., $4026.

Economy Pumping Machinery Co., Chicago, Ill., $4032.

Morris Machine Works, Baldwinsville, New York, $4184.

Buffalo Pumps, Inc., Buffalo, New York $4248.

Quimby Pump Co., Inc., Newark, N. J., $4370.40.

The Aldrich Pump Co., Allentown, Pa., $4492.

Bids held under advisement.

CONTRACT AWARDED

OAKLAND—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco, at $2,990 awarded contract by the East Bay Municipal Utility District, Oakland, under Spec. No. 134, for furnishing one pnuematic alum and lime conveyor system, complete with blower, receiving hopper, four distributors and dust separators, pipe and fittings, etc.

COMPLETE BIDS

LUALUALEI, T. H. — Industrial Piping & Engineering Co., 1620 Court Square Bldg., Baltimore, Md., at $19,414, as previously reported, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., January 23, nuder Spec. No. 7801, for motor and hand-operated winches for antennas at the Naval Radio Station, Lualualei, T. H. Complete bids follow:

Industrial Piping & Engineering Co., Baltimore, Md., $19,444.

Blake Palm Elevator Co., Washington D. C., $19,950.

W. P. Thurston Co., Rochmond, Va., $19,975.

E. E. Black, Ltd., Honolulu, T. H., $21,000.

George Hess, Los Angeles, $21,470.

Hawaiian Contracting Co., Ltd., Honolulu, T. H., $22,395.

Victor Constr. Co., New York City, $22,875.

R. W. Itenbach, Bedford, Ohio, $23,233.

Alta Electric & Mechanical Co., Inc., San Francisco, $23,700.

COMPLETE BIDS

SUMMIT, Canal Zone — Industrial Piping & Engineering Co., 1620 Court Square Bldg., Baltimore Md., at $18,949, as previously reported, submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., January 23, under Spec. No. 7800, for motor and hand-operated winches for antennas at the Naval Radio Station, Summit, Canal Zone. Complete bids follow:

Industrial Piping & Engineering Co., Baltimore, Md., $18,949.

W. P. Thurston Co., Richmond, Va., $21,975.

Joseph Gross New York City, $22,828.

C. I. Bottenfield, Balboa, C. Z., $24,400.

R. W. Kaltenbach Corp., Bedford, O., $24,742.

BIDS OPENED

BOULDER CANYON, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., January 24, under Spec. No. 610, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, five 30-in. diameter sphere valves for connection to station service penstock at the Boulder Power Plant, Boulder Canyon Project:

Thomas Spacing Machine Co., Pittsburgh, Pa. (shipping point) Pittsburgh (Bid) $23,453.

Goodman Mfg. Co., Chicago Illinois, Chicago; $19,750.

General Ship & Engine Works, East Boston, Mass.; East Boston; $46,075.

Baldwin-Southwark Corp., Philadelphia, Eddystone, Pa.; $24,900.

Michigan Valve & Foundry Co., Detroit, Mich.; Detroit; $29,375.

Babcock & Wilcox Co., Denver, Colo Barberton; $19,477.71.

John W. Beam, Denver, Colo.; Chicago; $13,500.

Joshua Hendy Iron W'ks, San Francisco, Sunnyvale, Calif.; $18,096.

American Locomotive Co., Schenectady, N. Y.; Dunkirk, N. Y.; $29,418.

Steacy-Schmidt Mfg. Co., York, Pa.; York; $20,300.

Bethlehem Steel Co., Bethlehem, Pa. Bethlehem; $26,800.

Consolidated Steel Corp., Los Angeles; Los Angeles; $24,700.

BIDS OPENED

EUREKA, Cal.—Following bids received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of six 3-yard dump trucks for 500 hours each, to be used as follows:

(1) 2 near Eureka;

(2) 2 near Garberville;

(3) 2 in Mendocino and Lake Counties. Complete bids follow:

Identical bids at $2.55 per hour on (1), (2) and (3) submitted by: J. P.

Barrett, Coulsa; Chas. W. Beguhl, Lomita Park; C. J. Burnside, Glendale; E. Della Rosa, Martinez; Paul Entremont, Colusa; Daniel Gallagher, San Francisco; Wm. Kern, Weott; K. P. Lancaster, Los Angeles; Asa Moran, Los Angeles; P. D. Pascoe, Los Angeles, John Pisenti, Stockton; W. E. Sinclair, Miranda; Gary R. Starkenburg, San Bernardino; J. Starkenburg, Los Angeles; L. M. Taylor, San Bernardino and Tiffany Constr. Co., San Jose.

$2.68 per hour on (1), (2) and (3): L. G. Kipp, Sacramento.

$2.75 on (1), and $2.55 and (2) and (3): Thos. O'Brien, San Francisco.

$3.00 on (1) and (2): Layton Hanifer, Pleasanton.

$2.60 on (1): J. C. Kjer, Arcata.

$2.55 on (3): Augusto Giorgi, San Francisco, and Ashurst Bros., Hop-

BIDS OPENED

BOULDER CANYON, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., January 21, under Spec. No. 601, for furnishing main control equipment; battery charging sets; switchboards; 460-v. and 115-v. control equipment, and miscellaneous switching equipment for the Boulder Canyon Project:

Graybar Electric Co., Boulder City: (3) $21,720.70; (3-alt.) $22,145.70; (5) $11,990.

Square D Co., Inc., Boulder City, (3) $22,066.

The Electric Products Co., Boulder City: (3) $29,101.18.

The Wolfe & Mann Mfg. Co., Boulder City: (3) $23,198; (5) $10,291.

Cutler Hammer, Inc., Milwaukee, Wis.: (4) $126,686.

I-T-E Circuit Breaker Co., Philadelphia: (4) $127,050.

Roller Smith Co., Bethlehem, Pa.: (3) $28,466.

Allis-Chalmers Mfg. Co., Boulder City and Milwaukee: (1) $217,775; (2) $9,250; (3) $29,592; (5) $12,000.

General Electric Co. (See notes): (1) $214,635; (2) $7,900; (3) $29,174; (4) $128,216; (5) $11,990; (1 alt.) $213,435.

Schweitzer & Conrad, Inc., Boulder City: (5) $11,990.

Delta Star lectric Co., Boulder City: (5) $11,990.

Railway & Industrial Eng. Co., Boulder City: (5) $11,990.

Westinghouse Elec. Mfg. Co., Schedules 1, 2, 3 and 4, fob East Pittsburg: Schedule 5, fob Boulder City: (1) $208-261; (1a)* $207,061; (2) $9,167; (2a)* $7,900; (3) $29,387; (4) $126,947; (5) $11,990. Combination bids: (1 and 2) $217,428 (1, 2 and 4) $344,375; (1, 2, 3 and 4) $373,762; (1, 2, 3, 4 and 5) $385,753.

NOTES: General Elec. Co., Schedules 1, 2 and 4, fob Philadelphia; Schedule 3, fob Boulder City and Philadelphia; Schedule 5, fob Boulder City.

*All combination bids contain'ng Schedules 1 or 2, may be reduced by 1,200 for Schedule 1 (1a in bid above) and $1,267 for Schedule 2 (2a in bi above) providing General Electric Co. meters are allowed.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, January 28, for furnishing one only structural steel switch rack complete for the department's switching station at Victorville, Calif., under Spec. No. 1582.

The items were:

(A) fob cars or trucks bidder's shipping point;

(B) fob cars or trucks, Victorville.

The bidders were:

(1) Kyle Steel Const. Co.; discount ½%, 10 days after delivery.

(2) Pacific Iron & Steel Co.; terms, net.

(3) International Derrick & Equipment Co.; terms, net.

(4) Emsco Derrick & Equipment Co.; terms net.

(5) Consolidated Steel Corp.; terms net.

(6) A. J. Beyer Co.; discount 1%, 30 days.

(7) Atlas Scraper & Engr. Co.; ½% 20 days.

(8) Pacific Coast Steel Co.; terms net.

The bids were:

	(A)	(B)
(1)	$19,800	$20,430
(2)	18,370	18,884
(3)	17,775	18,292
(4)	16,980	17,522
(5)	19,300	19,806
(6)	17,447	18,150
(7)	19,982	20,477
(8)	18,650	19,159

BIDS OPENED

NORTH HOLLYWOOD, Cal.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation No. 26397; Req. 7087, for furnishing one hydraulically operated bulldozer for installation on new Caterpillar "40" tractor, f.o.b. Division of Highways, Shop 7, North Hollywood:

Smith Booth Usher: Wood-Isaacson $840; 30 days delivery; no tax.

American Tractor & Equipment Co. Wood-Isaacson, $1296.25; 5 days delivery; 5% 30; no tax.

Shepherd Tractor & Equipment Co. K. B. Model "40" trailbuilder, $1400; 6 days delivery; 2% 30; plus tax.

Gar Wood Industries: Wood-Isaacson, $1237.50; 8 days delivery; 5% 30.

Brown Bevis Equipment Co.: Wood-Isaacson, $890; 30 days delivery; no tax.

BIDS OPENED.

SAN LUIS OBISPO, Cal.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation No. 26396, Req. 9422, for furnishing:

(1) Price each for two pneumatic one-man motor graders with 12-foot moldboards.

(2) Price for two do.

(3) Price each for two do, 10-foot moldboards.

(4) Price for two do.

Complete bids follow:

J. D. Adams Co., Adams "301": (1) $4144.50 (2) $8289; (3) $4134; (4) $8,-268; 15 days delivery; 2% 30 days.

Weaver Rye Tractor Co.: Cat Auto Control No. 10: (1) $4275.50; (2) $8,-551; (3) $4265; (4) $8530; 15 days; 2% 30 days, plus tax.

Smith Booth Usher; Galion with Model 1-30 Ind. Tractor: (1) $4275.50; (2) $8551; (3) $4265; (4) $8530; 12 days 2% 30 days; no tax.

Austin Western Road Machinery Co.: Austin 77, Jr.: (1) $4275.50; (2)

30—RESERVOIRS & DAMS

FUNDS ALLOTTED.

MOSIER, Ore.—The Federal Public Works Administration has allotted a lean and grant of $14,000 to the City of Mosier, Oregon, for the installation of a 90-gpm deep well pump over the existing 10-inch wall, construction of a pump house, a 103,000-gallon concrete reservoir and a water distribution system. Thirty per cent of the cost of labor and material, which totals approximately $10,000, is a grant. The balance is a loan secured by 4 per cent general obligation bonds.

FUNDS ALLOTTED

RAYMOND, Wash. — The Federal Public Works Administration has allotted a loan and grant of $17,000 to the City of Raymond, Pacific County, Washington, for construction of a two million gallon concrete lined water storage reservoir with supply main to existing water distribution system. The approximate cost of labor and material is $15,900, of which 30% is a grant. The balance is a loan secured by 4% Revenue Bonds.

CONTRACT AWARDED

DALY CITY, San Mateo Co., Calif. Cement Gun Const. Co., 85 Second St., San Francisco, at $2,748 awarded contract by the Daly City City Council for gunniting the floor and walls of the water storage reservoir in the city.

COMPLETING SURVEY.

PORTLAND, Ore.—Col. T. M. Robins, Division Chief of Army Engineers Portland, has announced that preliminary surveys for the construction of a dam at Umatilla Rapids in the Columbia River are nearing completion.

The complete river navigation program includes the construction of a high dam at Umatilla, 76-feet high above water line to back the water up to Five-Mile Rapids in the Snake River, estimated to cost between $35,-000,000 and $40,000,000; and the construction of a low dam at Umatilla, 56-ft. high, to back water up to the mouth of the Snake river, estimated at $25,000,000 to $30,000,000.

The present findings indicate that six low dams would be needed on the Snake river for proper navigation facilities.

FUNDS ASKED.

MINERAL COUNTY, Nev. — Application has been made to the Federal Public Works Administration for an allotment of $25,000 to complete construction of a reservoir on the Walker River to impound water for the Schurz Indian Reservation.

BIDS OPENED.

TUOLUMNE CO., Calif. — Transbay Const. Co., Pier 24, San Francisco, at $3,219,965 submitted low bid to the Public Utilities Commission, City Hall, for the enlargement of the O'Shaughnessy Dam by the construction of an addition to the existing dam, for the purpose of increasing the capacity of the Hetch Hetchy Reservoir. The addition will raise the crest of the dam by 85.5 feet from elevation 3726.5 to elevation 3812. Construction of a new spillway, installation of new outlet control valves and spillway gates, clearing of the reservoir area between the present and future high water surface elevations, road and trail construction, and other appurtenances and incidental work are included in the required work.

The foundation for the enlarged dam is now constructed to elevation 3500, which is approximately the elevation of the original stream bed, and a section of the existing dam containing the outlet conduits is constructed to the proposed downstream face of the enlarged dam.

The O'Snaughnessy Dam is located at the west end of Hetch Hetchy Valley on the Tuolumne River,. The region is shown on the U. S. Geological Survey map of the Yosemite quadrangle.

The work is financed in part by Federal PWA funds and will be subject to PWA regulations.

The work involves:

(1) 385 acres clearing reservoir site;
(2) 30,000 c.y. excav., dam foundation, (all classes);
(3) 28,000 c.y. excav., spillway (all classes);
(4) 8,000 c.y. excav., roads and miscellaneous excavation (common)
(5) 21,000 c.y. do. (solid rock);
(5a) 3,600 c.y. tunnel excavation;
(6) 500 c.y. excav., trails (common);
(7) 500 c.y. do (solid rock);
(8) 1,000 c.y. excav. of concrete from existing dam;

(9) 37,000 sq. ft. roughening surfaces of existing dam;
(10) 55,000 sq. ft. do of siphon spillway conduits, and downstream face of dam over siphon spillway conduits;
(11) 175 c.y. removal of conc. structures appurtenant to existing dam;
(12) 3,000 l.f. drilling grout holes in foundations for dam and spillway, not over 30-ft. deep;
(12) 1,750 l.f. do, over 30-ft. deep;
(14) 700 l.f. drilling drainage holes in foundations for dam, not over 30-ft. deep;
(15) 700 l.f. do, over, 30-ft. deep;
(16) 150 l.f. drilling grout holes in existing dam, from faces of dam
(17) 150 l.f. do, from galleries in dam
(18) 120 l.f. do, from inspection wells in dam;
(19) 25,000 l.f. drilling holes for anchor bars and grouting bars in place;
(20) 4,400 l.f. calking joints in concrete;
(21) 230 each, making connections to grout holes in foundations for dam and spillway, and on faces of existing dam;
(22) 30 each, making connections to grout pipes in galleries in existing dam;
(23) 60 each, making connections to grout pipes in inspection wells;
(24) 7,500 cu. ft. pressure grouting;
(25) 205,000 cu. yds. mass concrete in dam;
(26) 32,000 c.y. concrete to form impervious surfaces in dam;
(27) 17,000 c.y. concrete in slots in dam;
(28) 3,700 c.y. concrete for plugging siphon spillways;
(29) 6,300 c.y. concrete in spillway bridge and spillway weir;
(30) 1,000 c.y. concrete in valve house in screen rack and in walls and beams adjacent to valve block;
(31) No item No. 31;
(32) 150 c.y. concrete in railings;
(33) 50 c.y. concrete precast stairways on downstream dam face;
(34) 1,500 c.y. concrete for spillway lining and in walls near downstream end of spillway;
(35) 16 c.y. concrete precast screens for screen racks;
(36) 600 c.y. precast dense concrete blocks;
(37) 850 c.y. precast porous do;
(38) 350 l.f. drainage holes through masonry;
(39) 10,000 sq. ft. mortar coating, ¾-in. thick placed by cement gun;
(40) 277,000 bbls. Portland cement;
(41) 450,000 lbs. reinforcing steel;
(42) 400,000 lbs. anchor bars;
(43) 100 c.y. rubble masonry walls;
(44) 100 c.y. masonry guard rails;
(45) 500 c.y. dry masonry walls;
(46) 500 l.f. furnishing and placing ½-in. wrought steel pipe;
(46a) 14,000 l.f. do, ½-in. metal tubing;
(47) 2,000 l.f. do, 1-in. wrought steel pipe;
(47a) 300,000 l.f. do 1-in. metal tubing;
(48) 5,000 l.f. do 1½-in. wrought steel pipe;
(48a) 27,000 l.f. do 1½-in. metal tubing;
(49) 1,000 l.f. do 2-in. wrought steel pipe;
(50) 125,000 lbs. do wrought steel pipe larger than 2- and less than 8-in. pipe;
(51) 10,000 lbs. do pipe fittings for all wrought steel pipe not larger than 8-in. pipe;
(52) 18,000 lbs. do metal tubing fittings for tubing not larger than 1½-in.;
(53) 400 each, do, 1-in. gate valves;
(63a) 200 each, do 1½-in. gate valves;
(63b) 100 each do 2-in. gate valves;
(54) 2,500 lbs. do, gate valves larger than 2- and less than 8-in.;
(54a) 10,000 removing and reinstalling pipe and fittings;
(55) 3,200 ea., connections from headers to cooling coils;
(56) 6,000 each grout pipe outlets;
(57) 1,500 lbs. furnishing and installing electrical metal conduits;
(58) 13,300 lbs. galv. pipe hand railing;
(59) 18,500 lbs. copper water stops;
(60) 50,000 lbs. sheet metal grout stops;
(61) 50,000 lbs. corru. metal drains;
(62) 55,000 lbs. stairs, ladders and gratings;
(63) 1,000 lbs. misc. steel work;
(64) 5,000 lbs. cast iron gratings;
(65) 4,000 lbs. misc. brass and bronze
(66) 50,000 lbs. galvanizing;
(67) 5,000 lbs. removing misc. equipment from existing dam and installing it in new locations;
(68) complete job, removing water stage recorder from present location and installing in new location;
(69) complete job, removing accumulators and frames, etc.;
(70) complete job, removing and reinstalling three 36-in. balanced valves;
(71) 50,000 lbs. installing three 42-in. steel pipes connecting to 36-in. balanced valves;
(72) 500,000 lbs. installing outlet valves furnished by the city;
(73) 110,000 lbs. installing fixed supports, pier plates, and hinge pins for spillway gates;
(74) 250,000 lbs. installing drum gates (including installing seals);
(75) 100,000 lbs. installing flanged pipe and fittings and valves connected thereto, for spillway gate control system;
(76) 35,000 pounds installing control mechanism, piping, and other parts of spillway gate control system not included in item 75;
(77) 2,000 lbs. installing misc. metal work furnished by the city;
(78) 3,500 sq. ft. painting concrete surfaces in waterways;
(79) No item 79;
(80) 7 squares roofing on concrete houses;
(81) 800 c.y. crusher run base;
(82) 5,000 gallons emulsified asphalt;
(83) 110 c.y. base rock;
(84) 60 c.y. screenings;
(85) 3,200 lbs. corrugated metal pipe culverts;
(86) 500 l.f. 6-in. drain tile;
(87) 1 plant, furnishing and installing cooling plant;
(88) 7,200 hours, operating refrigerating plant.

Total bids follow:

(A) Transbay Const. Co., San Francisco, $3,219,965.00.
(B) Utah Const. Co., W. A. Bechtel Co., and Henry J. Kaiser Co., San Francisco, $3,447,598.00.
(C) Southwestern Contracting Group, Inc., Los Angeles, $3,485,485.50.
(D) W. E. Callahan Const. Co., Los Angeles, $4,687,795.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 160.00	$ 300.00	$ 120.00	$ 300.00
(2)	2.75	4.00	3.65	8.00
(3)	1.80	1.95	2.50	6.00
(4)	.50	.60	1.10	2.00
(5)	1.40	1.50	1.10	4.00
(5a)	8.00	8.40	6.25	15.00
(6)	1.00	1.20	1.50	5.00
(7)	4.00	3.00	3.00	10.00
(8)	5.00	14.40	14.00	35.00
(9)	.11	.12	.09	.20
(10)	.11	.18	.20	.30
(11)	6.00	18.00	12.00	35.00
(12)	.85	1.15	.75	2.00
(13)	2.50	2.40	2.00	4.00
(14)	2.20	2.00	2.75	4.00
(15)	2.75	3.50	2.75	6.00
(16)	2.50	1.70	2.00	6.00
(17)	3.00	2.30	2.00	8.00
(18)	3.50	2.30	2.00	10.00
(19)	.55	1.15	.45	2.00
(20)	.60	1.30	.90	2.00
(21)	3.00	2.30	2.75	4.00
(22)	4.00	3.00	8.80	5.00
(23)	5.00	3.00	8.80	6.00
(24)	1.20	1.30	1.10	2.50
(25)	4.80	5.80	6.34	8.00
(26)	4.80	5.90	6.34	9.00
(27)	4.80	5.90	6.20	10.00
(28)	4.80	8.00	8.50	11.00
(29)	7.25	10.00	10.50	15.00
(30)	18.00	17.00	32.00	30.00
(31)	.....	.....	.....	.....
(32)	46.00	30.00	60.00	30.00
(33)	31.00	21.00	50.00	50.00
(34)	9.00	10.50	16.50	20.00
(35)	75.00	48.00	90.00	30.00
(36)	19.00	12.00	14.00	25.00
(37)	17.00	12.00	10.00	25.00
(38)	.70	1.70	1.10	1.50
(39)	.11	.10	.28	.20
(40)	4.60	3.90	3.85	4.00
(41)	.055	.06	.05	.08
(42)	.05	.05	.005	.08
(43)	10.05	10.00	16.50	20.00
(44)	12.00	14.00	16.50	20.00
(45)	5.50	7.00	8.00	12.00
(46)	.11	.13	.11	.15
(46a)	.07	.13	.11	.15
(47)	.17	.16	.17	.20
(47a)	.12	.13	.12	.20
(48)	.23	.22	.25	.30
(48a)	.18	.20	.16	.20
(49)	.30	.32	.33	.35
(50)	.08	.11	.08	.12
(51)	.20	.35	.16	.25
(52)	.70	.67	.65	.50
(53)	1.45	1.45	1.10	1.25
(53a)	2.30	2.30	2.20	2.00
(53b)	3.25	3.50	3.30	3.00
(54)	.35	.27	.22	.25
(54a)	.065	.17	.05	.20
(55)	.85	2.00	1.10	1.25
(56)	.35	.28	.55	.40
(57)	.25	.28	.40	.25
(58)	.20	.20	.22	.25
(59)	.45	.24	.50	.50
(60)	.14	.15	.22	.30
(61)	.12	.13	.12	.10
(62)	.16	.15	.13	.20
(63)	.25	.25	.33	.50
(64)	.14	.15	.08	.30
(65)	.55	.50	.45	.50
(66)	.04	.05	.02	.04
(67)	.08	.17	.13	.20
(68)	600.00	1,200.00	1,100.00	1,000.00
(69)	1,100.00	1,400.00	1,650.00	2,500.00
(70)	1,100.00	4,000.00	2,750.00	2,000.00
(71)	.027	.02	.017	.04
(72)	.02	.03	.017	.04
(73)	.027	.02	.033	.05
(74)	.018	.02	.033	.04
(75)	.03	.04	.033	.05
(76)	.09	.05	.06	.12
(77)	.11	.10	.11	.20
(78)	.22	.10	.16	.30
(79)	.....	.....	.....	.....
(80)	65.00	50.00	55.00	30.00
(81)	2.50	2.50	3.30	3.50
(82)	.20	.12	.11	.30
(83)	2.50	3.00	5.00	3.50
(84)	3.00	3.00	8.80	3.50
(85)	.15	.10	.16	.15
(86)	.65	.70	.65	1.00
(87)	25,000.00	20,000.00	25,000.00	32,000.00
(88)	3.00	2.90	2.25	4.00

All bids held under advisement.

31—PIPE LINES & WELLS

BIDS OPENED

OAKLAND, Cal. — Pacific Bridge Co., Fort Point, San Francisco, at $12,697 submitted low bid to the East Bay Municipal Utility District, for the installation of approximately 484 lin. ft. of 20-in. flanged pipe with ball and socket joints (pipe and fittings furnished by the District). Work involves:

(1) 484 lin. ft. 20-in. flanged pipe with ball and socket joints;
(2) 23 cu. yds. concrete deposited in anchors under water;
(3) 17 cu. yds. concrete deposited above water;
(4) Total price.

Complete bids follow:

Pacific Bridge Co., San Francisco	(1)	$12,050.00
	(2)	460.00
	(3)	187.00
	(4)	12,697.00
Merritt Chapman & Scott, San Francisco	(1)	17,985.00
	(2)	1,038.00
	(3)	551.00
	(4)	19,574.00
Healy Tibbitts Constr. Co. San Francisco	(1)	22,020.00
	(2)	1,840.00
	(3)	310.00
	(4)	24,200.00
M. B. McGowan, San Francisco	(1)	27,585.00
	(2)	690.00
	(3)	510.00
	(4)	28,785.00
A. W. Kitchen, San Francisco	(1)	29,970.00
	(2)	920.00
	(3)	297.50
	(4)	31,187.50
Robert H. McNair and H. Gould, Oakland	(1)	34,300.00
	(2)	460.00
	(3)	238.00
	(4)	34,998.00

Bids held under advisement.

January 30, 1935

FUNDS ALLOTTED

COQUILLE, Oregon—The Federal Public Works Administration has allotted a loan and grant of $35,000 to the City of Coquille, Coos County, Oregon, for replacement of approximately 4 miles of obsolete wood and steel pipe with cast-iron pipe in existing water distribution system. The approximate cost of labor and material is $34,000 of which 30% is a grant. The balance is a loan secured by 4% bonds.

FUNDS ALLOTTED

RIDGEFIELD, Wash.—The Federal Public Works Administration has allotted a loan and grant of $21,000 to Ridgefield, Clark County, Wash., for the replacement of existing wooden pipe with cast-iron pipe, together with installation of appropriate valves, in present water distribution system. Thirty per cent of the cost of labor and material which totals approximately $20,650 is a grant. The balance is a loan secured by 4% General Obligation Bonds.

FUNDS ALLOTTED

ABERDEEN, Wash.—The Federal Public Works Administration has allotted a loan and grant of $177,000 to the City of Aberdeen, Grays Harbor County, Wash., for replacement of approximately 11.3 miles of exsting wood-stave water supply line with creosoted Douglas Fir pipe. The approximate cost of labor and material is $173,000, of which 30% is a grant. The balance is a loan secured by 4% Revenue bonds.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTEMPLATED.

SOQUEL, Santa Cruz Co., Cal.—Petitions are being circulated for formation of a sanitary district in the vicinity of Soquel. Construction of intercepting sewers to connect with the Capitola outfall is contemplated.

January 29, 1935

BIDS WANTED.

BURLINGAME, San Mateo Co., Cal.—Until February 11, 8 P. M., as previously reported, bids will be received by the Burlingame City Council for the construction of a sewage disposal plant to be located in the bay about one-half miles from shore near the end of Broadway, and intercepting sewers.

The work involves:

(a) 40 l.f. 4-in. vitrified clay pipe sewer
(b) 60 l.f. 6-in. do;
(c) 2520 l.f. 8-in. do;
(d) 1934 l.f. 12-in. do;
(e) 690 l.f. 15-in. do;
(f) 24 l.f. 21-in. do;
(g) 997 l.f. 24-in. do;
(h) 4105 l.f. 27-in. do;
(i) 44 l.f. 36-in. do;
(j) 38 8x4-inch wye branches;
(k) 288 c.y. Class C concrete mat only for $8 per c.y.;
(l) 7 standard shallow brick manholes not exceeding 6-ft. in depth;
(m) 2 shallow standard brick manholes not exceeding 6-ft. in depth, equipped with pressure manhole covers;
(n) 4 standard brick manholes exceeding 6-ft. in depth and not more than 8-ft. in depth;
(o) 6 standard brick manholes exceeding 8-ft .in depth and not more than 10-ft. in depth;
(p) 14 standard brick manholes exceeding 10-ft. in depth and not more than 12½-ft. in depth;
(q) 2 special brick manholes 5-ft. in diameter;
(r) 1 special screen manhole, complete
(s) 1 special drop manhole, complete;
(t) 1 relift station, complete, lump sum;
(u) 1 sewage pumping plant, do;
(v) 1 20-in. cast iron force main, do;
(w) 1 sewage treatment works, do;
(x) (1) 28,000 c.y. fill material in place
(2) 2000 c.y. loose rock riprap in place;
(y) 1 digester gas and heating equipment, lump sum;
(z) 1 chlorination equip., lump sum;
(aa) 1 gas holder, lump sum;
(bb) 1 gas engine-generator unit, do;
(cc) (1) Class A extra foundation concrete;
(2) Class B do;
(3) Class C do.

Bids will be taken as follows:

PROPOSAL SCHEDULE NO. 1: The complete "Municipal Sewage Disposal Project; Items (a) to (cc), inclusive.

PROPOSAL SCHEDULE NO. 2: The pipe sewers and sewage relift station only; Items (a) to (t) inclusive, and (cc).

PROPOSAL SCHEDULE NO. 3: Fill from imported borrow for roadway and general fill; loose rock riprap for slope protection; Item (x) only.

PROPOSAL SCHEDULE NO. 4: The Sewags Disposal Works, including all the items not listed under Schedules No. 2 and 3, above; Items (u) (v) (w) (y) (z) (aa) (bb) and (cc).

PROPOSAL SCHED. NO. 5: Sewage Disposal Works complete and fill from imported borrow for roadway and general fill; loose rock riprap for slope protection; Items (u) to (cc), inclusive.

Plans and specifications may be obtained from the office of City Engineer Chas. M. Thomas, upon deposit of $10.00. 32

January 29, 1935

BIDS WANTED.

SEATTLE, Wash.—Until Feb. 7, 10 A. M., bids will be received by the Seattle Board of Public Works, G. W. Roberge, Secretary, Room 511, County-City Bldg., Seattle, for furnishing and installing sewage pumping units for the Seward Park Trunk Sewer, under Ordinance No. 64070, Local Improvement District No. 5368, as follows:

(1) Two horizontal, centrifugal pumping units, each having a capacity of 750-gpm., for the 57th Avenue South pumping station;
(2) One horizontal, centrifugal pumping unit, having a capacity of 1,250-gpm., for the Grattan Street pumping station;
(3) One horizontal, centrifugal pumping unit, having a capacity of 200-gpm. for the Alaska Street pumping station.
(4) Remove, overhaul and recondition one 10-hp. Worthington "Freedo" sewage pumping unit from the Alaska Street pumping station and install same in the Grattan Street pumping station.

Specifications obtainable from the office of the City Engineer, 4th floor, County-City Bldg., Seattle. 32

January 29, 1935

TO ASK BIDS

SEATTLE, Wash.—The Seattle Bd. of Public Works, have approved the final plans and specifications for the construction of the Laurelhurst trunk and intercepting sewer project, estimated to cost $325,000.

Bids will be called as soon as the project receives the approval of the State PWA Engineer at Olympia. 32

CONTEMPLATED.

SANTA CLARA CO., Calif.—C. C. Kennedy, Call Bldg., San Francisco consulting engineer, estimates cost of constructing the main trunk sewer to serve Los Gatos and other communities at $490,000. Intercepting sewers from each community not included in the estimate. Cities included in contemplated sanitary district are: Los Gatos, Campbell, Willow Glen, Burbank, Agnew, Santa Clara, Sunnydale. Mayor Wm. Puterbaugh is chairman of the temporary committee, formed to promote organization of the district.

TO ASK FUNDS

SANTA MARIA, Cal.—The Santa Maria City Council will probably apply to the PWA for funds to finance improvements to the sewage disposal plant. The cost is estimated at $20,000. A survey and report has been made by Harry N. Jenks, consulting engineer, of Berkeley. The present population is about 7000. If the city procures funds the city council may include a new sewer system in the Fairlawn district. Marion B. Rice is mayor of Santa Maria.

BIDS WANTED.

PHOENIX, Ariz. — Until February 6, 10 A. M., new bids will be received by the Phoenix City Commission for the construction of a storm drain system in accordance with specifications prepared by C. E. Griggs, City Engineer. The contract was previously (October 16) awarded to the Phoenix-Tempe Stone Co., at $266,511.89 (using a combination of machine made pipe and Williams process pipe for 24-in. to 60-in. pipe), but the award was not approved by the PWA, which ordered the award made to Elliott, Stroud Bros. & Seabrook, low bidders, using monolithic pipe, at $263,641.30. In lieu of complying with the order the commission decided to rescind the contract and readvertise. The work involves:

22,190 ft.	8-in.	concrete pipe;
5,388 ft.	10-in.	do;
5,539 ft.	12-in.	do;
4,487 ft.	15-in.	do;
5,616 ft.	18-in.	do;
4,028 ft.	21-in.	do;
1,377 ft.	24-in.	do;
3,165 ft.	27-in.	do;
1,193 ft.	30-in.	do;
2,448 ft.	33-in.	do;
1,026 ft.	36-in.	do;
948 ft.	39-in.	do;
349 ft.	48-in.	do;
2,095 ft.	51-in.	do;
5,158 ft.	54-in.	do;
840 ft.	60-in.	do;

BIDS WANTED

OREGON CITY, Oregon—Until Jan. 31, 1 P. M., bids will be received by the City Manager of Oregon City, for furnishing the following material to be delivered at Oregon City not later than February 6, 1935:

(1) 70 ft. 8-in. sewer pipe;
(2) 50 ft. 12-in. sewer pipe;
(3) 900 ft. 15-in. sewer pipe;
(4) 1120 ft. 21-in. sewer pipe.

Specifications obtainable from above office.

FUNDS ALLOTTED.

LAKEVIEW, Oregon.—The Federal Public Works Administration has allotted a loan and grant of $36,000 to the town of Lakeview, Lake Co., Oregon, for construction of a sewage disposal plant, comprising primary and secondary clarifiers, trickling filters, sludge digestion chamber, sludge drying beds and pumping unit. The approximate cost of labor and material is $33,000, of which 30% is a grant. The balance is a loan secured by 4% revenue bonds.

FUNDS ALLOTTED

IONE, Wash.—The Federal Public Works Administration has allotted a loan and grant of $14,500 to the town of Ione, Pend Oreille County, Wash., for the construction of a sanitary sewer system, consisting of trunk and lateral sewers, with necessary manholes and appurtenances. Thirty per cent of the cost of labor and material which totals approximately $18,800 is a grant. The balance is a loan secured by 4% General Obligation Bonds.

FUNDS GRANTED

BURNS, Oregon—The Federal Public Works Administration has allotted a loan and grant of $22,000 to the city of Burns, Harney County, Ore., for additions to existing sewage treatment plant, consisting of a primary settling basin and aeration plant, final settling basin and sludge digestion tank. The approximate cost of labor and material is $18,900, of which 30 per cent is a grant. The balance is a loan secured by 4 per cent General Obligation Bonds.

FUNDS ALLOTTED

ROSEBURG, Oregon—The Federal Public Works Administration has allotted a loan and grant in the amount of $72,000 to the City of Roseburg, Douglas County, Oregon, for the construction of an intercepting sanitary trunk sewer and sewage disposal plant. The approximate cost of labor and material is $91,000, of which 30% is a grant. The balance is a loan secured by 4% Revenue Bonds. The entire cost of the project is $85,000, but it is estimated that a contribution of $20,000 will be made by the U. S. Veterans' Administration.

BOND ELECTION

SUNSET BEACH, Cal.—An election to vote on a $45,000 bond issue to finance the construction of a complete sewer system for the town of Sunset Beach will be held February 15 by the Sunset Beach Sanitary District. The bonds proposed are to be issued in denominations of $1000 each and to bear interest at a rate not to exceed 6%. J. A. Armitage, Coast Highway and Broadway is president of the district, and S. H. Neil, secretary.

Two plans are under consideration, viz.—to construct a collection system and a separate disposal plant by applying for PWA funds secured by the bond issue, or to join with Seal Beach in construction of a joint disposal plant to serve both communities. Duke Hunt, 113 W. Ninth St., Buena Park, consulting engineer, is preparing the plans. The proposed collection system for Sunset Beach is estimated to cost $43,468 and will involve:

12,000 ft. 8-in. vit. sewer pipe;
11,000 ft. 6-in. vit. sewer pipe;
8,500 ft. 4-in. house connections;
49 standard manholes;
5 flush tanks.

If the city should join with Seal Beach, the outfall sewer would require 700 ft. of 10-in. pipe. The present treatment plant at Seal Beach is of the trickling filter type. It would require alterations to increase its capacity for an additional 5000 population.

BIDS WANTED

ESCALON, San Joaquin Co., Cal.—Until February 11, 2 P. M., bids will be received by the Directors of the Escalon Sanitary District, at the office of George A. Wallace, President of the District, Chamber of Commerce Rooms, for furnishing the following materials f.o.b. cars at Escalon:

(1) 800 ft. double strength 14-in. inside diameter bell and spigot vitrified, salt glazed clay pipe;
(1-Alt. A) 800 ft. double strength 14-in. inside diameter tongue and groove sewer concrete pipe;
(1-Alt. B) 800 ft. double strength 15-in. inside diameter bell and spigot concrete sewer pipe;
(2) 14,900 ft. standard first quality 14-in. inside diameter bell and spigot vitrified salt glazed clay sewer pipe;
(2-Alt. A) 14,900 ft. standard strength 14-in. inside diameter tongue and groove concrete sewer pipe;
(2-Alt. B) 14,900 ft. standard strength 15-in. inside diameter bell and spigot concrete sewer pipe;
(Long lengths are preferable).
(3a) 600 bd. ft. 4-in. x 4-in. No. 2 O. P. Common, lengths, 10 and 12 ft.
(b) 600 bd. ft. 2-in. x 8-in. No. 2 O. P. Common, lengths, 10 ft.;
(c) 8800 bd. ft. 2-in. x 10-in. No. 2 O. P. Common, lengths, 8, 10 and 12 feet.
(4) 640 sacks Portland cement.

Certified check or bid bond for not less than 10% shall accompany each bid. Bidders must state time of delivery.

Further information obtainable from F. J. Rossi, Civil Engineer, Modesto.

33— WATER WORKS

BIDS WANTED

REDWOOD CITY, San Mateo County—Until February 4, 3 p. m., bids will be received by the Redwood City Council, B. E. Myers, City Clerk, City Hall, for furnishing the following materials to be delivered f.o.b. trenchside, Redwood City:

(1) 3,762 l.f. 12" cast iron pipe;
(2) 8,928 l.f. 10" cast iron pipe;
(3) 1,000 l.f. 6" cast iron pipe;
(4) 1 12"x6" cast iron cross;
(5) 2 12"x6" cast iron tees;
(6) 1 12" cast iron tee;
(7) 4 10"x4" cast iron crosses;
(8) 3 10"x6" cast iron crosses;
(9) 8 10"x6" cast iron tees;
(10) 3 10" cast iron 90° bends;
(11) 1 10" cast iron 22½° bend;
(12) 9 10" cast iron 45° bends;
(13) 1 8" iron Y branch;
(14) 1 10" to 8" cast iron reducer.

Specifications obtainable from the above office.

FUNDS ALLOTTED

MABTON, Wash. — The Federal Public Works Administration has allotted a loan and grant of $42,000 to the town of Mabton, Yakima County, Wash., for improvement to waterworks system comprising an additional well, installation of pumping equipment and replacement to distribution system including the installation of fire hydrants and appurtenances. The approximate cost of labor and materials is $46,400 of which 30% is a grant. The balance is a loan secured by 4% Revenue Bonds. The entire cost of the project is $51,000, and the State of Washington will furnish $9000.

CONTEMPLATED

ST. HELENA, Napa Co., Cal.—Finance Committee of St. Helena City Council directed to report on cost of proposed improvements to municipal water system and method of financing. Report will be received February 13.

FUNDS ALLOTTED

SCHURZ, Nev.—The Federal Public Works Administration has allotted $3000 to the Office of Indian Affairs, Department of the Interior, for reconditioning the water system at the Walker Lake Indian Agency, Schurz, Nevada.

FUNDS ALLOTTED

MARYSVILLE, Wash. — The Federal Public Works Administration has allotted a loan and grant of $57,000 to the town of Marysville, Snohomish County, Wash., for improvements to waterworks system comprising an additional collecting works at a spring, a supply main and repairs to existing supply main. The approximate cost of labor and material is $52,000, of which 30% is a grant. The balance is a loan secured by 4% Revenue bonds.

FUNDS ALLOTTED

ALMIRA, Wash.—The Federal Public Works Administration has allotted a loan and grant of $21,000 to the town of Almira, Lincoln County, Wash., for construction of a waterworks system comprising a deep well, pump house and pumping equipment, elevated storage tank and distribution system. The approximate cost of labor and material is $24,000, of which 30% is a grant. The balance is a loan secured by 4% General Obligation Bonds. The entire cost of the project is approximately $25,250, and the difference between the total cost and the PWA allotment will be furnished by the applicant.

FUNDS ALLOTTED.

EMPIRE, Ore.—The Federal Public Works Administration has allotted a loan and grant of $10,000 to the City of Empire, Coos Co., Oregon, for improvements to waterworks system comprising the replacement of supply main and part of distribution system, extensions to distribution system and the intallation of a chlorinator and meters. The approximate cost of labor and material is $10,000, of which 30 per cent is a grant. The balance is a loan secured by 4 per cent general obligation bonds.

FUNDS ALLOTTED.

TILLAMOOK COUNTY, Ore.—Federal Public Works Administration has allotted a loan and grant of $18,600 to the Long Prairie Water District, Tillamook County, Oregon, for replacements and extensions to the water distribution system of the Long Prairie Water Co., a private corporation, which the applicant is now being organized to succeed. The approximate cost of labor and material is $17,000, of which 30% is a grant. The balance is a loan secured by 4% revenue bonds.

FUNDS ALLOTTED.

WALLOWA, Ore.—The Federal Public Works Administration has allotted a loan and grant of $62,000 to the City of Wallowa, Wallowa County, Ore., for improvements to waterworks system, comprising the replacement of supply main, the construction of a 400,000-gallon surface reservoir, construction of a chlorinator and extensions and replacements to distribution system. The approximate cost of labor and material is $57,500, of which 30% is a grant. The balance is a loan secured by 4% revenue bonds.

FUNDS ALLOTTED

OMAK, Wash.—The Federal Public Works Administration has allotted a loan and grant of $18,000 to the City of Omak, Okanogan County, Wash., for improvements to waterworks system, comprising an additional well with pump house and pumping equipment and replacement and extensions to distribution system. The approximate cost of labor and material is $17,850, of which 30% is a grant. The balance is a loan secured by 4% Revenue Bonds. The entire cost of the project is $20,000, and the applicant will furnish the difference between the total cost and the PWA allotment.

FUNDS ALLOTTED

SULTAN, Wash.—The Federal Public Works Administration has allotted a loan & grant of $20,000 to the town of Sultan, Snohomish County, Wash., for improvement to waterworks system, comprising repairs to intake dam, replacements and extensions to distribution system, and the installation of additional fire hydrants. The approximate cost of labor and material is $19,200, of which 30% is a grant. The balance is a loan secured by 4% Revenue Bonds. The entire cost of the project is $21,000, and the applicant will furnish the difference between the total cost and the PWA allotment.

FUNDS GRANTED

WINNEMUCCA, Nevada—The Federal Public Works Administration has granted $35,000 to the city of Winnemucca, Humboldt County, Nevada, to aid in the construction of a complete new waterworks system and a Diesel power plant. No loan was requested. The allotment represents 30 per cent of the cost of labor and material on a project of which the total cost is $250,620. The balance will be furnished by the applicant from other revenues.

FUNDS ALLOTTED

PATEROS, Wash. — The Federal Public Works Administration has allotted a loan and grant in the sum of $16,000 to the town of Pateros, Okanogan County, Wash., for use in replacement of existing wood stave water mains with cast-iron pipe. The approximate cost of labor and material is $14,000, of which 30% is a grant. The balance is a loan secured by 4% genarel obligation bonds

ALLOTMENT RESCINDED.

SALEM, Ore.—The Federal Public Works Administration has rescinded a loan and grant to the city of Salem, Oregon, of $2,500,000 for waterworks improvements, because construction has not been started. The city officials will prepare a new application for a loan to construct the municipal water system. Preliminary plans prepared by consulting engineers Baar and Cunningham, Spalding Bldg., Portland.

FUNDS ALLOTTED.

TILLAMOOK, Oregon.—The Federal Public Works Administration has allotted a loan and grant of $59,000 to the City of Tillamook, Oregon, for the replacement of approximately 32,000 ft. of existing steel water mains with cast-iron pipe, including installation of certain gate valves and additional hydrants. Thirty percent of the cost of labor and material, which totals approximately $45,000, is a grant. The balance is a loan secured by 4 per cent general obligation bonds.

BIDS WANTED

SOUTH PASADENA, Los Angeles Co., Cal.—Until February 6, 2 P. M., bids will be received by the South Pasadena City Council for furnishing:
(1) 5500 l.f. 10-in. cast iron Class 150 or equal, bell and spigot pipe;
(2) 2,000 l.f. 8-in. do;
(3) 550 l.f. 6-in. do;
(4) miscellaneous tees, bends, reducers, box covers, gate valves, etc.

Specifications obtainable from City Engineer Frank H. Clough.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing cast iron water pipe under Spec. No. 1603, as follows. The items were:

(1) approximately 20,000 ft., laying length, 6-in. I.D., bell and spigot, cast iron water pipe in 16 ft., 16 ft. 6 in. or 18 ft. laying lengths, fob department's Hewitt St. yard for a price per lin. ft. laying length;

(2) approximately 30,000 ft., laying length, 6-in. I.D., bell and spigot, cast iron water pipe in 16 ft., 16 ft. 6 in., 18 ft. or 20 ft., fob department's Aetna and Vesper St. yard, Van Nuys for a price per lin. ft. laying length.

The bids were:

United States Pipe & Foundry Co.: (1) 74c; (2) 74c.

American Cast Iron Pipe Co.: (1) 75c; (2) 76.5c.

Pacific States Cast Iron Pipe Co.: (1) 73c; (2) 79c.

National Cast Iron Pipe Co.: (1) 73c; (2) 75c.

Florence Pipe, Foundry & Machine Co. (by Utilities Supply Co., agents): (1) 76c; (2) 77c.

All bids were net.

34— PARKS & PLAYGROUNDS

BIDS WANTED

SAN FRANCISCO — Until January 31, 2:30 P. M., bids will be received by Veterans Administration Facility, Palo Alto, for furnishing three Corynocarpus laevigatus shrubs in fire gallon cans, height 4 to 6 feet.

The Veterans Administration will dig holes and backfill.

Specifications may be obtained from above office.

CONTRACT AWARDED

SAN FRANCISCO—Max Rosenberg 1355 California St., at $.64 per cu. yd. awarded contract by Purchasing Department for furnishing 3000 to 4500 cu. yds. of loam for the Golden Gate Park.

BIDS WANTED

VALLEJO, Solano Co., Cal.—Custodian of the U. S. post office in Vallejo is taking bids for a lawn sprinkler system to be installed on grounds of the Vallejo post office.

35— TUNNELS

CONTRACT AWARDED

DENVER, Colorado.—Utah, Bechtel, Morrison, Inc., First National Bank Bldg., Ogden, Utah, at $972,576 awarded contract, subject to PWA approval, by the Board of Water Commissioners of the City and County of Denver, for enlarging and lining the Moffat Water Tunnel, Intake Shaft and Wye, the construction of the intake works at West Portal, the outlet works at East Portal, and appurtenances thereto, in Gilpin and Grand counties, Colo.

The second and third low bids were submitted by Winston Bros., Inc., L. E. Dixon Co., Johnson, Inc., Los Angeles, at $1,158,534; and S. S. Magoffin Co., Adrian, Oregon, at $1,220,534, respectively.

BIDS WANTED

SANTA BARBARA, Cal.—Until Feb. 7, 2 P. M., bids will be received by the Santa Barbara City Council for furnishing:
(1) 3300 ft. 12-in. cast iron water pipe;
(2) 1500 ft. 6-in. do;
(3) 200 ft. 8-in. do;
(4) 200 ft. 4-in. do;
(5) miscellaneous fittings.

Certified check, 10%. Carl E. Hasse, Purchasing Agent.

29—STREETS AND HIGHWAYS

NOTICE TO BIDDERS

LOS ANGELES COUNTY, Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County between Pier Avenue and Sepulveda Boulevard, road VII-L.A - 175 - RdoB - ManHB - HmB, for which bids are to be received in Los Angeles on February 14, 1935.

Said representative will meet prospective bidders at intersection of Pier Avenue and Redondo Blvd. in Redondo Beach on Wednesday, February 6, 1935 at 2:30 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS.

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on February 13 and in Los Angeles on February 14, 1935:

V-Mon-56-G, H Br. acr. Malpaso Creek, bids to be opened in Sacramento: PLANS (No. of Sheets) 8; (Cost) $0.80; CROSS-SECTIONS (No. of Sheets) None; (Total) $0.80.

VII-L.A-175-RdoB, ManB and HmB, bet. Pier Ave. and Sepulveda Blvd. (Bids to be opened in Los Angeles): PLANS (No. of Sheets) 9; (Cost) $0.90 CROSS-SECTIONS (No. of Sheets) 24 (Cost) $2.40; (Total) $3.30.

VII-Ora-60-C, Lgn. Bch bet. Cypress St. and south city limits (Bids to be opened in Los Angeles: PLANS (No. of Sheets) 25; (Cost) $2.50; CROSS-SECTIONS (No. of Sheets) 50; (Cost) $5.00; (Total) $7.50.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans and specifications to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

FUNDS GRANTED

PATEROS, Wash. — The Federal Public Works Administration has allotted a grant not to exceed $2400 to the Town of Pateros, Okanogan County, Washington, to aid in gravel surfacing and oiling approximately 18,000 sq. yds. of city streets. The grant represents 30% of the cost of labor and materials, estimated at $8500. The balance will be furnished by the applicant from other revenues.

CONTRACT AWARDED

COCHISE COUNTY, Arizona.—R. E. Martin & Co., Box 934, Tucson, at $22,898.87 awarded contract by the Arizona State Highway Commission, Phoenix, for construction on the Douglas-Safford Highway, NRS 114. The work, which is located approximately 35 miles south of Safford on the Douglas - Safford road near the junction with the Bowie road, consists of the grading and draining of about 1½ miles of roadway.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until February 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 1.1 mile surfacing with bituminous treated crushed gravel or stone on Hill Street, between Wisconsin Ave. and Eighth St. in the City of Oceanside, San Diego County. The work involves:

(1) 15 tons emulsified asphaltic road oil;
(2) 3500 tons crushed gravel or stone
(3) 160 tons cutback asphalt.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated. *

BIDS WANTED

INYO COUNTY, Cal.—Until February 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.9 mile grading and surfacing with salvaged surfacing material and a bituminous treatment applied in Inyo County, between 1.8 miles and 0.9 mile south of Fish Springs School. The work involves:

(1) 5 acres clearing and grubbing right-of-way;
(2) 9600 cu. yds. roadway excavation unclass.;
(3) 6200 sta. yds. overhaul;
(4) 1800 cu. yds. imported borrow;
(5) 75 cu. yds. ditch excavation;
(6) 95 cu. yds. structure excav.;
(7) 24 tons fuel oil SC-2 (prime coat)
(8) 107 tons fuel oil SC-3 (bituminous treatment);
(9) 0.91 mile mixing bituminous binder and salvaged surfacing;
(10) 35 cu. yds. screenings (seal coat)
(11) 26 lin. ft. 12-in. CMP;
(12) 104 lin. ft. 24-in. CMP;
(13) 38 lin. ft. CMP culvert remove and salvage;
(14) 11 each remove and reset timber guide posts;
(15) 124 each timber guide posts;
(16) 200 lin. ft. remove and salvage existing guard rail;
(17) 220 M. gals. water;
(18) 48 stations finishing roadway;
(19) 19 each mounments complete in place.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

YUBA COUNTY, Cal.—Until Feb. 11 10:30 A. M., blds will be received by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, Hotel Marysville, Marysville, for 0.2 mile of surfacing with crusher run base and bituminous treated crushed gravel or stone, in Yuba county, between Buchanan St., Marysville, and a point 0.04 mile north of the northerly city limits.

The work involves:

(1) 135 c.y. rdwy. excav., unclass.;
(2) 2,350 c.y. imported borrow;
(3) 40 c.y. structure excavation;
(4) 495 tons crusher run base;
(5) 370 tons crushed gravel or stone;
(6) 19 tons cut-back asphalt;
(7) 800 sq. yds. emulsified asphaltic paint binder;
(8) 2 tons fuel oil;
(9) 4 c.y. Class A Portland cement concrete (structures);
(10) 125 lbs. bar reinforcing steel;
(11) 20 l.f. 12-in. corrugated metal pipe
(12) 24 l.f. 36-in. do;
(13) 55 M. gals. water;
(14) 10 stations finishing roadway.

Plans and specifications obtainable from th above office and on file at the office of PACIFIC CONSTRUCTOR.

CONTRACT AWARDED

ORANGE COUNTY, Calif. — C. O. Sparks, 2309 E 9th St., Los Angeles, $111,025.50 (Alt. A asphaltic concrete) awarded contract by the State Highway Commission at Sacramento, for highway construction in Orange County on Manchester Avenue between Artesia Ave. in Buena Park and Lincoln Ave. in Anaheim, consisting of about 5.2 miles to be graded and portions to be paved with asphalt concrete and the remainder to be paved with either asphaltic concrete or Portland cement concrete.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—J. L. McClain, 5850 Brynhurst Ave., Los Angeles, at $65,531.70 (Alt. B, for cement concrete) awarded contract by the State Highway Commission, Sacramento, for 0.8 mile paving in Los Angeles County between California Ave. and Colorado Ave.

NOTICE TO BIDDERS.

ORANGE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Orange County in Laguna Beach, between Cypress St. and south city limits, road VII-Ora-60-C-LgnB, for which bids are to be received in Los Angeles on February 14, 1935.

Said representative will meet prospective bidders at intersection of State Highway and Cypress Street in Laguna Beach on Wednesday, Feb. 6, 1935, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

BIDS OPENED

SONOMA, Marin, Napa and Solano Cos., Cal.—Chas. Kuppinger, Box 356, Lakeport, at $2.09 per barrel, total $3,971, submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 139.2 roadside miles at various locations in Sonoma, Marin, Napa and Solano Counties.

The work requires approximately 1,900 barrels of Diesel oil in place.

Complete bids follow:

Charles Kuppinger, Lakeport (per bbl.) $2.09; (Total) $3,971.00.

Basalt Rock Co., Inc., Napa, $2.30; $4,370.00.

Helwig Const. Co., Sebastopol, $2.33 $4,427.00.

Lee J. Immel, Berkeley, $2.34; $4,446.00.

Tiffany Const. Co., San Jose, $2.36 $4,484.00.

Hayward Bldg. Material Co., Hayward, $2.40; $4,560.00.

BIDS OPENED

MOHAVE COUNTY, Arizona.—H. J. Hagen, Globe, Ariz., at $110,506 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading and placing selected material subgrade reinforcement on approximately 2.35 miles of Section D of Federal Land Highway Project No. 2, the Kingman Boulder Dam Highway, Mohave Co. Ariz. The work involves:

(1) 90,000 c.y. unclassified excav.;
(2) 700 c.y. do for structures;
(3) 110,000 sta. yds. overhaul;
(4) 9,000 c.y. subgrade reinforcement
(5) 154 l.f. 18-in. CGMP;
(6) 240 l.f. 24-in. do;
(7) 98 l.f. 36-in. do;
(8) 112 l.f. 42-in. do;
(9) 622 c.y. Class A concrete;
(10) 52,000 lbs. reinforcing steel;
(11) 34 c.y. hand-laid riprap;
(12) 10,100 l.f. wire-cable guardrail;
(12a) 10,100 l.f. flexible steel plate road guard.

Total bids follow:

(A) H. J. Hagen, Globe, Ariz., $110,506; Alt., $110,506.
(B) Daley Corp., San Diego: $129,093.30; Alt., $130,103.30.
(C) Engineer's estimate, $111,598.50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .80	$ .92	$ .75
(2)	2.00	3.00	2.00
(3)	.02	.03	.03
(4)	.40	.86	.80
(5)	2.00	2.25	2.25
(6)	3.00	3.40	3.50
(7)	6.00	4.60	6.00
(8)	7.00	8.00	8.00
(9)	25.00	29.00	26.00
(10)	.06	.065	.06
(11)	4.00	4.00	4.00
(12)	1.00	.90	1.00
(12a)	1.00	1.00	1.00

Bids held under advisement.

AWARD RECAMMENDED

SOLANO AND SAN JOAQUIN COUNTIES, Cal.—Tiffany Construction Co., 535 N. 7th St. San Jose, at $1.89 per bbl., total, $2029.86 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying Diesel oil to roadside vegetation over a distance of about 129.9 miles at various locations in Solano and San Joaquin Counties. The work requires approx. 1074 bbls. Diesel oil in place. Complete bids follow. (1) per bbl; (2) total:

Tiffany Construction Co., San Jose, (1) $1.89; (2) $2029.86.
Lee J. Immel, Berkeley, (1) $2.29; (2) $2459.46.
Hayward Bldg. Materials Co., Hayward, (1) $2.73; (2) $2932.02.
Volpa Bros., Fresno, (1) $3.09; (2) $3318.66.

All bids forwarded to Sacramento for final award. *

BIDS WANTED.

SUTTER COUNTY, Cal.—Until Feb. 11, 10:30 A. M., bids will be received by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, Marysville Hotel, Marysville, for constructing borders on about 0.5 mile in Yuba City between the west city limits and State Highway Route 3.

The work involves:

(1) 45 stations trenching;
(2) 570 tons crusher run base in place; from the above office.

WARD RECOMMENDED

MOHAVE COUNTY, Ariz.—Award of contract to H. J. Hagen, Globe, Ariz., at $110,506 for grading and placing selected material subgrade reinforcement on approximately 2.357 miles of Section D of Federal Lands Highway Project No. 2, the Kingman-Boulder Dam Highway, Mohave County, Arizona, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal.—Bennett & Taylor, 1041 West Venice Blvd., Los Angeles, at $51,667 submitted low bid to the Metropolitan Water District, Los Angeles, for constructing approximately 10.3 miles of the Whipple Mountain Patrol road and approximately 1.4 miles of stub roads adjacent thereto, along the proposed route of the 250-kv. transmission line for the Colorado River Aqueduct, under Spec. No. 85.

Complete total bids follow:

Dimmitt & Taylor, L. A.	92,534
Macco Const. Co., Clearwater	89,539
Dimmit & Taylor, L. A.	92,534
Griffith Co., Los Angeles	96,794

Unit bids will be published shortly.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until February 13, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for applying bituminous surface treatment to about 3.8 miles of existing oiled shoulders in San Bernardino County, between Sierra Ave. and Riverside Ave. The work requires:

(1) 53 tons emulsified asphaltic road oil in place;

(2) 510 tons screenings in place.

Plans and specifications obtainable from the above office.

BIDS WANTED.

MERCED, Mariposa and Stanislaus Cos., Cal.—Until February 8, 3 P. M. bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 47 North Grant St., Stockton, for applying Diesel oil to roadside vegetation over a distance of about 147.6 roadside miles in Merced, Mariposa, and Stanislaus counties.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

OAKLAND, Calif.—J. Catucci, 1212 18th Ave., Oakland, at $.07 per cubic yard submitted only bid and awarded contract by Oakland City Council for furnishing 12,000 cubic yards of fill for Peralta Park, back of the Municipal Auditorium.

SHASTA COUNTY — 0.9 Mi. Grade and Pave — (State)

SHASTA COUNTY, Calif. — T. M. Morgan Paving Co., 472 N. Barrington Ave., Los Angeles, at $95,321.50 (Alt. A) and $92,485.18 (Alt. B) submitted low bid to the State Highway Commission, Sacramento, for about 0.9 mile grading and paving at the north entrance to the City of Redding, Shasta County.

The work involves:

(1) 6.4 acres clearing and grubbing of right of way;
(2) 142,500 c.y. rdwy. excav., unclass.
(3) 3,560,000 sta. yds. overhaul;
(4) 1,250 c.y. structure excavation:
(5) 5,400 sq. yds. preparing subgrade for Portland cement or asphalt concrete pavement;
(6) 3,030 c.y. crusher run base;
(7) 17 tons fuel oil prime coat;
(8) 1,300 c.y. crushed gravel or stone (bit. treated surfacing);
(9) 112 tons cutback asphalt, do;
(10) 220 c.y. Class A Portland cement concrete (curbs, gutters, walks)
(11) 600 c.y. do (slope paving);
(12) 434 c.y. do (structures);
(13) 24,400 lbs. bar reinforcing steel (structures);
(14) 24,600 lbs. mesh reinforcing steel (slope paving);
(15) 91,000 lbs. struc. steel, erection only;
(16) 4,700 lbs. bridge pipe handrail, erection only;
(17) 128 l.f. retaining wall pipe handrail, furnish and erect;
(18) 1 lot bridge lighting equipment, erection only;
(19) 424 l.f. 18-in. CMP;
(20) 214 l.f. 24-in. CMP ;
(21) 4 each cast steel frames and covers for drop inlets;
(22) 330 c.y. removing asph. concrete;
(23) 185 c.y. removing Portland cement concrete;
(24) 60 c.y. rubble masonry;
(25) 8 each culvert markers;
(26) 1,700 M. gals. water;
(27) 46 stations finishing roadway;
(28) 19 each monuments complete in place;

Alternative Pavement Items

Alternative A

(29) 2,176 tons asphalt conc. pave.;

Alternative B

(30) 1,005 c.y. Class A Portland cem. concrete pavement;
(31) 1,400 lbs. bar reinf. steel pave.;
(32) 714 each pavement dowels complete in place.

NOTE: Alternatives A and B are the necessary items for paving from Station 8 plus 44.45 to Station 15 plus 74 and at Riverside Drive and Trinity Street connection. The contract may be awarded on the basis of paving the said portions with either asphalt concrete or Portland cement concrete at the option of the Director of Public Works.

Total bids follow:

(A) T. M. Morgan Paving Co., Los Angeles, (Alt. A) $95,321.50; (Alt. B) $92,485.18.
(B) Fredrickson & Watson Construction Co. and Fredrickson Bros., Oakland (A) $115,387.35; (B) $112-335.05.
(C) A. Teichert & Son, Inc., Sacramento, (A) $115,834.82; (B) $113,-750.50.
(D) Peninsula Paving Co., San Francisco, (A) $119,183.60; (B) $114,-431.44.
(E) C. W. Caletti & Co., San Rafael, (A) $118,241.90; (B) $115,476.70.
(F) Hanrahan - Wilcox Corp., San Francisco, (A) $. ; (B) $118,-570.40.
(G) J. F. Knapp, Oakland, (A) $121,-685.00; (B) $119,827.80.
(H) Geo. Pollock & Co., Sacramento, (A) $131,508.50; (B) $125,515.00.
(I) Dunn & Baker, Klamath Falls, Ore., (A) $128,194; (B) $126,953.80

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 65.00	$ 60.00	$ 120.00	$ 125.00	$ 100.00	$ 55.00	$ 75.00	$ 100.00	$ 100.00
(2)	.22	.30	.27	.27	.29	.34	.30	.38	.37
(3)	.002	.004	.004	.005	.0062	.004	.005	.004	.005
(4)	1.00	1.00	1.00	.90	.90	1.00	1.50	1.00	1.00
(5)	.10	.12	.10	.12	.15	.10	.12	.10	.10
(6)	1.75	2.00	2.10	2.00	2.15	2.20	2.00	1.50	2.00
(7)	20.00	15.00	20.00	18.50	18.60	20.00	15.00	12.00	15.00
(8)	1.90	2.50	2.50	2.30	2.30	2.50	3.00	1.80	2.65
(9)	20.00	24.00	22.00	22.70	22.80	26.00	25.00	20.00	23.50
(10)	15.00	15.00	15.00	17.40	14.00	15.00	16.00	16.00	14.00
(11)	15.00	17.00	15.00	18.60	12.00	12.50	14.00	16.00	16.00
(12)	20.00	16.00	20.00	19.80	16.50	20.00	16.00	25.00	14.00
(13)	.06	.05	.05	.05	.05	.06	.045	.06	.055
(14)	.06	.05	.07	.06	.065	.07	.06	.07	.04
(15)	.02	.015	.02	.02	.015	.02	.02	.025	.025
(16)	.08	.05	.03	.025	.03	.02	.03	.03	.03
(17)	2.50	4.00	2.00	1.35	2.25	2.50	2.50	1.25	2.50
(18)	75.00	125.00	300.00	360.00	175.00	300.00	75.00	270.00	100.00
(19)	2.50	1.90	2.00	1.70	2.00	1.70	1.75	2.00	1.60
(20)	3.50	2.60	3.00	2.50	2.50	2.70	2.50	3.00	2.50
(21)	20.00	50.00	40.00	39.00	32.00	50.00	50.00	15.00	50.00
(22)	2.00	1.25	2.00	1.80	1.50	2.50	3.00	1.00	2.00
(23)	2.00	1.25	2.50	2.40	2.00	2.50	3.00	1.50	2.00
(24)	12.00	10.00	12.00	11.00	12.00	12.50	15.00	20.00	10.00
(25)	2.00	2.00	2.50	2.00	1.75	2.00	2.00	3.00	2.00
(26)	.75	1.25	1.50	1.00	1.00	1.00	2.00	1.00	1.00
(27)	5.00	7.00	5.00	6.00	6.00	7.50	6.00	10.00	7.00
(28)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	3.00
	82,265.50	101,569.75	99,906.50	104,169.20	105,185.90	108,279.60	107,541.00	115,188.50	114,050.00
(29)	6.00	6.35	7.32	6.90	6.00	.....	6.50	6.50	6.50
(Alt. A)	95,321.50	115,387.35	115,834.82	119,183.60	118,241.90	.....	121,685.00	131,508.50	128,194.00
(30)	10.00	10.50	13.50	10.00	10.00	10.00	12.00	10.00	12.60
(31)	.06	.05	.07	.07	.07	.07	.06	.07	.07
(32)	.12	.20	.25	.16	.20	.20	.20	.25	.20
(Alt. B)	92,485.18	112,335.05	113,750.50	114,431.44	115,476.70	118,570.40	119,827.80	125,515.00	126,953.80

WRECKING CONTRACT AWARDED

SAN FRANCISCO.—Symon Brothers Wrecking Co., 1435 Market St., awarded sub-contract by Healy - Tibbitts Const. Co., 64 Pine St., for wrecking all buildings, etc., in connection with the construtcion of reinforced concrete viaducts, grading and paving of the streets, etc., for the San Francisco Section and Approaches to the San Francisco-Oakland Bay Bridge, under Contracts 15 and 15-A.

PROJECT APPROVED

SANTA CRUZ COUNTY, Cl.—SERA has approved project for the construction of the Highland Way-Brown Valley Road, involving clearing the right-of-way, grading to 24 ft. width, and installing culverts. The County has been allotted $85,550 for labor. County Engineer Lloyd Bowman will supervise the work.

BIDS OPENED

ALAMEDA, Contra Costa and Santa Clara Cos., Cal.—Tiffany Const. Co., 535 N. 7th St., San Jose, and Hayward Bldg. Material Co., Atherton and Jackson Sts., Hayward, submitted identical low bids at $2.00 per barrel, total $2,000, to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying Diesel oil to roadside vegetation over a distance of about 75.5 roadside miels at various locations in Alameda, Contra Costa and Santa Clara counties

The work requires approximately 1000 barrels of Diesel oil in place.

Complete bids follow:

Hayward Bldg. Material Co., Hayward, (Per Bbl.) $2.00; (Total) $2,000.00.

Tiffany Const. Co., San Jose, $2.00; $2,000.00.

Lee J. Immel, Berkeley, $2.27; $2,270.00.

Palo Alto Road Materials Co., Palo Alto, $2.49; $2,490.00.

BIDS WANTED.

AMADOR, Calaveras, Stanislaus and Tuolumne Counties, Cal.—Until Feb. 13, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 47 North Grant Street, Stockton, for applying Diesel oil to roadside vegetation over a distance of about 189.9 roadside miles in Amador, Calaveras, Stanislaus and Tuolumne Counties.

The work requires approximately 52,281 gallons of oil, in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Baisch Bros., 20,550 Normandie Ave., Torrance, at $214,957.60 awarded contract by the State Highway Commission Sacramento, for 3.6 miles grading and paving with asphalt concrete in Ventura County, between Sea Cliff and Benham.

CONTRACT AWARDED

LAKE COUNTY, Cal.—Hemstreet & Bell, 501 11th Street, P. O. Box 550, Marysville, at $62,732.85 awarded contract by the State Highway Commission, Sacramento, for about 2.5 miles of grading and surfacing with untreated gravel and seal coat applied, in Lake County between one mile east of Upper Lake and Manila Ranch.

ALLOTMENT INCREASED.

LEWIS COUNTY, Wash.— Federal Public Works Administration has increased a grant to Lewis County from $17,000 to $22,500 for improving 5 miles of road between the towns of Vader and Wildwood, due to increased costs.

CONTRACT AWARDED

LEWIS COUNTY, Wash.—Erickson Johnson and Smith Brothers, Naches, Wash., at $19,110 awarded contract by the Bureau of Public Roads, Portland, for constructing 3.22 miles of the Mt. Rainier National Park, Stevens Canyon Project PEC-4-E2, Clearing, National Park Road Project, located in Mt. Rainier National Park, Lewis Co., Washington.

CONTRACT AWARDED

BENTON FIELD, Alameda Co., Cal.—Meyer Rosenberg, 255 Bay Shore Blvd., San Francisco, at $11,440 awarded contract by Captain Leander Larson, Constructing Quartermaster, Fort Mason, for furnishing top soil, fertilizing and seeding at Benton Field.

CONTRACT AWARDED

SANTA CRUZ, Santa Cruz Co., Cal.—Central Supply Co., 1 Division St., San Francisco, at $980.36, plus sales tax, awarded contract by the Santa Cruz City Council for furnishing materials to be used in paving the Esplanade sidewalk.

LOS ANGELES COUNTY—0.8 MILE PAVING—(STATE)

LOS ANGELES COUNTY, Cal.—J. L. McClain, 5850 Brynhurst Ave., Los Angeles, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, Jan. 24, at $65,540.70 (based on Alternate A, for asphaltic concrete) and at $65,531.70 (based on Alternate B for cement concrete), for highway construction in Los Angeles County, between California Avenue and Colorado Ave., about 0.8 miles in length to be paved, involving:

(1) 42 sta. clear and grub R/w;
(2) 46,000 cu. yds. rdwy. excavation, unclass.;
(3) 66,000 sta. yds. overhaul;
(4) 1800 cu. yds. structure excav.;
(5) 24,500 sq. yds. subgrade preparation;
(6) 4700 sq. yds. asph. paint binder;
(7) 1420 tons asphalt concrete leveling and Type A surface course courses exclusive of central 40 ft. width;
(8) 160 tons crushed gravel or stone (bituminous treated surfacing);
(9) 10 tons cutback asphalt (do);
(10) 580 cu. yds. Class A Portland cement conc. (curbs, gutters and walyks);
(11) 20 cu. yds. Class A Portland cement concrete (structure);
(12) 600 sq. ft. gunite slope protection;
(13) 210 lbs. steel wire mesh reinforcement;
(14) 1300 lbs. bar reinf. steel (strucs.)
(15) 1400 lbs. misc. iron and steel;
(16) 140 lin. ft. pipe handrail;
(17) 130 lin. ft. 18-in. reinf. concrete pipe;
(18) 1024 lin. ft. 24-in. reinf. concrete pipe;
(19) 24 lin. ft. 36-in. rein. conc. pipe;
(20) 150 lin. ft. 24-in. C.M.P.;
(21) 15 cu. yds. concrete removed and disposed of;
(22) Removing and salvaging 30-in. C.M.P. and timber bents;
(23) Remove and salvage timber pedestrian overhead;
(24) 42 stations finishing roadway;

ALTERNATIVE ITEMS

Central 40-ft. strip, Station 38+00 to Station 79+35.

ALTERNATIVE

(25) 7700 tons asphalt concrete base leveling and Type A surface courses;

ALTERNATIVE B

(26) 3420 cu. yds. Class A Portland cement concrete pavement;
(27) 9200 lbs. bar einf. steel pave.;
(28) 5000 each pavement dowels;
(29) 11 tons fuel oil subgrade treatment;
(30) 18 tons grade E asphalt subgrade treatment;
(31) 120 cu. yds. concrete removed and disposed of, strip 1-ft. wide, Station 38 to Station 78+50.

Total bids were:

(A) J. L. McClain—Alternate A, $65,540.70; Alternate B, $65,531.70.
(B) J. E. Haddock, Ltd., Pasadena—A, $66,693; B, $71,344.80.
(C) Southwest Paving Co., Los Angeles—A. $67,505.25; B, no bid.
(D) Oswald Bros., Los Angeles — A, $68,049.40; B, $76,438.90.
(E) Griffith Co., Los Angeles—A, $68,291; B, $72,735.60.
(F) Geo. R. Curtis Paving Co., Los Angeles—A, $72,412.42; B, no bid.
(G) Mundo Engineering Co., Los Angeles—A, $74,076.40; B, no bid.
(H) L. A. Paving Co., Los Angeles—A, $75,543.50; B, $79,193.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 8.00	$ 10.00	$ 6.00	$ 5.00	$ 6.00	$ 10.00	$ 3.00	$ 15.00
(2)	.39	.40	.41	.39	.42	.48	.60	.40
(3)	.005	.01	.005	.006	.01	.01	.006	.03
(4)	1.00	1.25	.95	1.30	.80	.96	.80	2.75
(5)	.10	.10	.15	.09	.10	.09	.10	.13
(6)	.02	.02	.03	.02	.03	.02	.02	.03
(7)	3.30	3.25	3.04	3.20	3.00	3.42	3.20	3.25
(8)	2.00	2.00	2.58	3.50	2.50	2.18	2.00	2.40
(9)	15.00	20.00	14.00	14.00	16.00	15.65	18.00	15.00
(10)	10.00	10.00	12.50	13.00	11.00	11.00	12.00	15.00
(11)	25.00	30.00	25.00	40.00	30.00	36.00	40.00	22.50
(12)	.35	.70	1.00	.50	.30	.94	.30	.70
(13)	.15	.15	.25	.20	.10	.24	.05	.20
(14)	.06	.06	.06	.06	.05	.05	.05	.12
(15)	.12	.12	.10	.12	.10	.12	.12	.12
(16)	2.60	2.50	1.50	2.50	2.00	2.46	.40	2.25
(17)	2.75	2.80	2.95	3.00	2.50	3.06	3.00	3.00
(18)	3.10	3.15	3.65	3.40	3.00	3.60	3.60	3.25
(19)	5.70	5.35	6.20	6.70	6.00	6.43	7.00	6.00
(20)	3.75	3.85	3.75	3.80	5.00	4.46	2.25	5.25
(21)	2.00	5.00	3.25	6.00	2.00	1.20	3.00	5.00
(22)	50.00	100.00	125.00	100.00	100.00	60.00	100.00	500.00
(23)	200.00	300.00	250.00	300.00	200.00	180.00	250.00	600.00
(24)	3.00	3.00	5.00	5.00	5.00	3.00	5.00	4.00
(25)	3.30	3.20	3.04	3.20	3.43	3.30	3.00	3.20
(26)	6.90	8.00	.. ....	9.00	8.38	.. ....	.. ....	7.60
(27)	.07	.04	.. ....	.075	.05	.. ....	.. ....	.08
(28)	.11	.11	.. ....	.12	.12	.. ....	.. ....	.16
(29)	9.00	9.80	.. ....	12.50	16.00	.. ....	.. ....	12.00
(30)	15.00	17.00	.. ....	19.00	20.00	.. ....	.. ....	25.00
(31)	2.00	5.00	.. ....	4.00	5.00	.. ....	.. ....	1.50

COMPLETE BID LISTING

VENTURA COUNTY, Cal. Basich Bros., 20,550 Normandie Ave., Torrance, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, Jan. 24, at $214,957.60, for highway construction in Ventura County, between Sea Cliff and Henham, about 3.6 miles in length, to be graded and paved with asphalt concrete, involving:

(1) 192 sta. clear and grub right of way;
(2) 60,000 c.y. rdwy. excav., unclass.;
(3) 78,000 c.y. overhaul;
(4) 2,400 c.y. structure excavation;
(5) 18,100 sq. yds. subgrade preparation;
(6) 24,300 sq. yds. asph. paint binder
(7) 14,200 tons asphalt concrete;
(8) 230 c.y. Class A Portland cement concrete (pavement);
(9) 390 c.y. do (structures);
(10) 49,000 lbs. bar reinf. steel (pavement and structures);
(11) 440 each pavement dowels;
(12) 2,300 lbs. misc. iron and steel;
(13) 2 each spillway assemblies;
(14) 8 l.f. 8-in. CMP;
(15) 16 l.f. 15-in. CMP;
(16) 100 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 30 l.f. 30-in. CMP;
(19) 30 l.f. 36-in. CMP;
(20) 100 c.y. concrete, removed and disposed of;
(21) 2,050 l.f. solid timber guard rail;
(22) 0.8 mile new property fence;
(23) 2.2 miles moving and resetting property fences;
(24) 7 each fence gates complete in place.
(25) 1,823,000 lbs. furnish steel sheet piles including test piles;
(26) 2,147 each driving do;
(27) 66.5 MFBM creosoted Douglas fir timber sea wall and groynes;
(28) 215 c.y. Class A Portland cement concrete do;
(29) 12,000 lbs. bar reinf. steel do;
(30) 304,000 lbs. structural steel do;
(31) 145,000 lbs. structural metal do;
(32) 1 lot treating steel and piles;
(33) 800 M. gals water;
(34) 275 tons fuel oil;
(35) 33,800 sq. yds. prepare, mix and shape shoulders;
(36) 45 each culvert markers;
(37) 192 stations finishing roadway;
(38) 50 each monuments complete in place.

Total bids were:

(A) Basich Bros., Torrance, $214,957.60.

(B) Sharp & Fellows Contracting Co., Los Angeles, $233,088.40.

(C) Mundo Engineering Co. & Sander Pearson, Los Angeles, $241,910

	(A)	(B)	(C)	(D)
(1)..	$ 9.00	$ 5.00	$ 3.00	$ 5.00
(2)..	.33	.30	.35	.33
(3)..	.12	.10	.10	.065
(4)..	.90	.80	.75	.90
(5)..	.12	.12	.12	.10
(6)..	.02	.03	.02	.02
(7)..	3.10	3.70	3.00	3.70
(8)..	10.20	11.00	12.00	10.75
(9)..	18.00	21.00	20.00	21.00
(10)..	.0315	.045	.05	.05
(11)..	.20	.12	.25	.12
(12)..	.12	.10	.12	.11
(13)..	18.00	15.00	20.00	30.00
(14)..	1.60	1.00	1.00	2.00
(15)..	2.00	1.60	1.50	2.00
(16)..	2.50	2.00	1.75	2.15
(17)..	3.60	3.00	2.25	3.00
(18)..	4.80	3.50	3.00	3.75
(19)..	5.80	5.25	4.50	6.00
(20)..	1.50	6.00	3.00	5.50
(21)..	1.20	1.00	1.00	.90
(22)..	480.00	500.00	400.00	650.00
(23)..	250.00	350.00	200.00	425.00
(24)..	12.00	20.00	20.00	18.00
(25)..	.032	.035	.04	.0375
(26)..	6.80	11.00	8.00	12.00
(27)..	90.00	80.00	120.00	100.00
(28)..	20.00	20.00	20.00	24.00
(29)..	.0315	.045	.05	.05
(30)..	.052	.05	.058	.056
(31)	.08	.08	.065	.081
(32)	3000.00	3000.00	11000.00	5100.00
(33)	1.00	1.50	2.00	2.00
(34)	6.00	7.00	10.00	8.30
(35)	.05	.05	.05	.055
(36)	1.50	2.00	2.00	2.00
(37)	6.00	5.00	5.00	3.00
(38)	2.00	3.00	2.00	2.75

BIDS OPENED

MADERA COUNTY, Cal. — Union Paving Co., 624 Call Bldg., San Francisco, at $61,735.50 submitted low bid to the State Highway Commission, Sacramento, for about 1.5 mi. grading and paving with asphalt concrete in the City of Madera. The work involves:

(1) 14 each trees, removed and disposed of;
(2) 1,400 c.y. rdwy. excav., unclass.;
(3) 1,500 sta. yds. overhaul;
(4) 2,300 c.y. imported borrow;
(5) 825 c.y. structure excavation;
(6) 10,450 sq. yds. subgrade for pavement;
(7) 8,800 sq. yds. asph. paint binder;
(8) 6,525 tons asphalt concrete;
(9) 12,000 eq. yds. planing existing pavement;
(10) 20 tons emulsified asph. road oil;
(11) 250 tons screenings;
(12) 1,230 tons crushed gravel or stone borders;
(13) 200 tons fuel oil,
(14) 10,800 sq. yds. mixing fuel oil and earth material;
(15) 216 c.y. Class A Portland cem. concrete (structures);
(16) 350 c.y. Class A do (curbs and gutters);
(17) 6 c.y. do (railing);
(18) 27,100 lbs. bar reinf. steel;
(19) 250 M. gals. water;
(20) 120 c.y. existing concrete, removed and disposed of;
(21) 60 c.y. concrete removed from existing bridge;
(22) 218 l.f. 18-in. CMP;
(23) 16 each cast steel frames and covers for drop inlets;
(24) 3 ea. manholes adjusted to grade;
(25) 1 lot moving in and out well drilling equipment;
(26) 1,800 l.f. drilling drainage well;
(27) 1,200 l.f. casing for do;
(28) 15 each shoes for casing;
(29) 78 stations finishing roadway;
(30) 3 each monuments complete in place.

Total bids follow:

(A) Union Paving Co., San Francisco $61,735.50.

(B) Valley Paving & Constr. Co., Fresno, $61,847.40.

(C) Fredrickson & Watson Constr. Co., Fredrickson Bros., and Jones & King, Oakland, $64,325.50.

(D) Hanrahan - Wilcox Corp., San Francisco, $64,857.10.

(E) A. Teichert & Son, Inc., Sacramento, $66,105.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 6.50	$25.00	$ 5.00	$22.00	$20.00
(2).....	.25	.35	.60	.50	.50
(3).....	.005	.035	.03	.03	.02
(4).....	.40	.50	.30	.50	.50
(5).....	.75	.90	1.00	1.10	1.00
(6).....	.065	.10	.12	.09	.12
(7).....	.015	.02	.02	.02	.03
(8).....	4.82	4.50	4.82	4.90	4.90
(9).....	.13	.13	.15	.17	.13
(10).....	22.00	35.00	23.00	24.00	25.00
(11).....	3.50	3.50	4.50	4.00	3.90
(12).....	2.65	2.70	3.20	3.00	3.90
(13).....	12.20	12.00	16.00	15.00	16.00
(14).....	.08	.04	.09	.05	.06
(15).....	25.00	29.00	21.00	20.00	21.00
(16).....	15.00	14.50	14.50	17.00	17.00
(17).....	60.00	50.00	50.00	40.00	50.00
(18).....	.05	.055	.06	.05	.05
(19).....	.65	1.50	1.30	.70	1.50
(20).....	2.50	1.90	2.00	2.50	3.00
(21).....	3.00	3.50	5.00	5.00	4.50
(22).....	2.00	1.80	1.80	1.70	2.00
(23)	12.00	35.00	40.00	40.00	40.00
(24)	15.00	10.00	20.00	10.00	15.00
(25)	40.00	60.00	100.00	120.00	200.00
(26)	.85	1.00	.90	1.00	.75
(27)	1.20	1.25	1.20	1.40	1.25
(28)	7.70	10.00	9.00	10.00	10.00
(29)	7.00	9.50	7.00	6.00	6.00
(30)	3.00	5.00	4.00	3.00	5.00

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Cal. Heafey-Moore Co., 344 High St., Oakland, at $20.00 per 100 lbs submitted low bid to Oakland City Council for furnishing 4,200 lbs. of bag powder for the City of Oakland. Only other bid was submitted by O. G. Peterson at $21.00 per 100 lbs. Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Ralph W. Waterhouse Co., 5601 Shafter St., Oakland, submitted only bid to the Oakland City Council at $10.73 each for (1) furnishing 100 reflector type stop signs with posts, and at $7.23 each (2) furnishing 100 reflector type stop signs without posts.

Bid held under advisement.

CONTRACTS AWARDED

LOS ANGELES, Cal. — Westinghouse Elec. & Supply Co. awarded contract by the Metropolitan Water District January 25, at $29,875 for furnishing 25,000 ft. 3-conductor, 2300-volt armored cable.

General Electric Co. awarded the contract for furnishing 9 transformers at $13,761. Bid No. 31620.

BIDS OPENED

SANTA MONICA, Los Angeles Co., Cal.—Following bids received by the Bureau of Supplies, Washington, D. C. for overhead wire screens at Santa Monica:

Western Wire & Iron Works, $132, ½%; Ornamental Iron Work Co., $228, ½%; Lane-Stewart Fence Const. Co., $179.50, ½%; Kentucky Metal Products Co., $153.51, 1%; F. P. Smith Wire & Iron Works, $173.81, 1%; Worley Co. $87.49; Oliver-Whyte Co., $158.38, ½% Gehret Co., $243.90, 2%; Federal Equip. Co., $129, ½%; Engr. Metal Products Corp., $158, 1%; Bellis Wire Works, $168. Proposal No. 1397.

BIDS REJECTED

OAKLAND, Cal.—The Oakland City Council has rejected the bids of the Ralph W. Waterhouse Co., 5601 Shafter Ave., Oakland (only bid received) for furnishing reflector type stop signs with and without posts.

CONTRACT AWARDED

OAKLAND, Cal. — Heafey - Moore Co., 344 High Street, Oakland, at $20 per 100 lbs. awarded contract by the Oakland City Council for furnishing 4200 lbs. of bag powder for the City of Oakland.

CONTRACT AWARDED

SAN FRANCISCO. — Smith Lumber Co., Fourth and Channel Sts., awarded contract by Purchasing Agent for furnishing lumber for the term of Jan. 25, 1935 to April 14, 1935, under invitation to Bid No. 1318.

CONTRACT AWARDED

LOS ANGELES, Calif. — Westinghouse Electric Supply Co. was awarded the contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, at $31,715.63 for furnishing armored cable. Bid No. 31533.

Section 4104, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

B.T.U. becomes a GIANT when your fuel is GAS

A giant in power . . . but a midget in cost. For gas, the modern fuel, is *unsurpassed* in "recoverable" (effective, usable) BTU's* per dollar, for practically every known heat requirement.

In thousands of Pacific Coast buildings, from modest bungalows to sky-scrapers . . . from factories to huge public structures . . . gas, the modern fuel, is daily proving its *cleanliness, dependability* and *economy.*

Satisfied clients and "contented tenants" reward the architect and builder who specify modern gas appliances and gas-fired boilers. (Control may be entirely automatic.)

Your local gas company's engineering staff will gladly consult with you, review your plans, furnish estimates without charge or obligation. You are cordially invited to use this free technical service.

*BTU *(British Thermal Unit)*—Standard of heat measurement. Heat required to raise temperature of one pound of water, one degree Fahrenheit.

Quick Clean Economical
Gas
the modern fuel

PACIFIC COAST GAS ASSOCIATION, INC.
{A non-profit service organization of which your Gas Company is a member}
447 SUTTER STREET, SAN FRANCISCO, CALIFORNIA

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$18,000,000 Grade Separation Program Ready

Coast Building Permits Gain

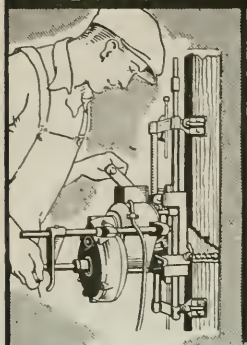
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

Vol. XVIII—No. 6

FEBRUARY 9, 1935

WAPPAT Electric TOOLS



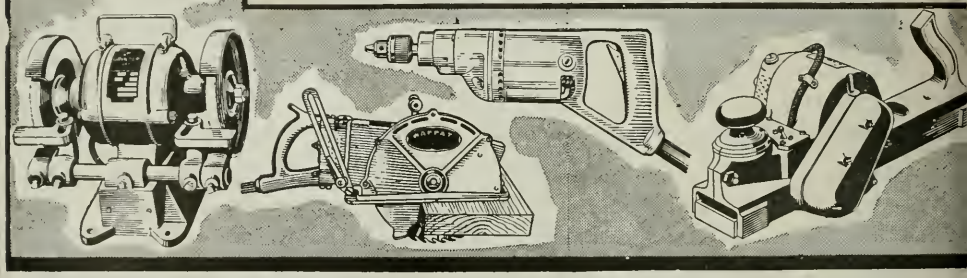
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., FEBRUARY 9, 1935 No. 6

$18,647,000 Grade Separation Program Ready To Contract In Western States

Eleven western statea could place under contract $18,647,000 in grade separation structures within 90 days if federal funds are appropriated for such work, according to a survey prepared by the American Institute of Steel Construction. Of this amount $11,567,000 is allocated to projects in California.

The program could be supplemented by additional construction to be contracted over a period of a year or more estimated to cost $38,255,000, making a total of $56,-902,000 for the western states.

Grade separation work is one of the items mentioned by the President in his proposal for a four-billion-dollar public works appropriation and is regarded generally as one of the first elements of the new unemployment relief program.

The U. S. Bureau of Public Roads has engaged for several months with state highway departments and engineering departments of the major railroads in preparation of projects to be included in such a federal allotment.

The Bureau estimates $200,000,-000 as the sum needed for grade crossing elimination work that could be started within 90 days. This figure includes only those structures for which plans can be completed and right-of-way secured to permit immediate letting of contracts. The average cost of the structures is estimated at $100,000.

Following are the projected amounts for each of the western states:

State	90-day Program	Supple. List
Arizona	$ 750,000	$ 2,000,000
California	11,567,000	13,100,000
Colorado	1,240,000	6,000,000
Idaho	400,000	2,815,000
Montana	320,000	3,000,000
Nevada	520,000	190,000
New Mexico	360,000	2,500,000
Oregon	1,200,000	2,700,000
Utah	1,030,000	3,350,000
Washington	630,000	1,500,000
Wyoming	630,000	1,100,000
Total	$18,647,000	$38,255,000

Shipments of motor-operated fire-extinguishing apparatus during the first eleven months last year numbered 335, as compared with 230 during the same period in 1933, according to reports to the Bureau of the Census from 17 manufacturers.

CALL BIDS ON FIVE STATE HIGHWAY JOBS

Proposals To Be Opened In Sacramento & Los Angeles February 27-28

SACRAMENTO, February 5. — Bid calls for five contracts were authorized today by the State Highway Commission. Bids on two in the Northern district are to be received in Sacramento February 27, and for three in the Southern district in Los Angeles, Feb. 28.

Following is brief description of each job (**complete list of bid items appears in the Advance Report section**):

Bids February 27

Glenn County: Between 3 miles north of Willows and Orland, about 10 miles to be widened and borders of crusher run base constructed.

Inyo County: Between northerly boundary and three-quarters mile south, about .7 mile to be graded and surfaced with selected material and bituminous treatment applied.

Bids February 28

Imperial County: Between East Highline Canal and San Hills, about 21 miles grading shoulders and constructing bituminous treated screened gravel or stone borders.

San Bernardino County: Between Riverside and Colton, about two miles grading and paving with portland cement concrete.

Los Angeles County: Between Winter Canyon and Los Flores Canyon about 3.4 miles to be graded and paved with portland cement concrete.

LISTING WORKS PROJECTS FOR GOV'T ACTION

PWA Inventory of Needed And Possible Construction Underway

Copies of a questionnaire, designed to supply the necessary information for a national inventory of works projects which will be the basis of action under the new government public works program, have just been sent to officials of all counties, cities, school districts, water districts and other governmental agencies, according to Clifton E. Hickock, assistant state P W A engineer.

The State Planning Commission is cooperating with the PWA in formulating a program for this state which will be a part of the national program for re-employment and the development of natural resources. To secure an inventory of needed and useful work projects as a partial basis for this program, a survey is being undertaken through the use of the questionnaires to determine the need for public projects in each locality which will provide opportunities for employment of the maximum practicable amount of direct labor, Mr. Hickock said.

Officials filling in the forms supplied are requested to list projects by the type of work, indicating their relative importance according to needs and benefits resulting from estimated cost, including purchase of land, and proposed method of financing. Typical of inquiries made in the questionnaire are the following: Will project be revenue producing? Does project conform with city, county or regional plan? Will project compete with any existing facility? Are plans and specifications ready? How soon can work be started?

It is suggested that local planning commissions be used as clearing houses, as project which are related to comprehensive plans, have approval of a planning commission and are listed in an order of importance largely determined by a planning commission will have a higher rating and priority over others.

State Completed 1081 Miles of Highway In 1932-34 Biennium, Purcell Reports

The California State Division of Highways completed construction of 1081 miles of road during the biennium ended June 30, 1934, according to the biennial report of Chief Engineer C. H. Purcell, which has just been published by the State Printing Office.

During the two-year period there was contracted and completed 580 miles in addition to 501 miles under construction as the beginning of the biennium in July 1932, which were completed. At the end of the biennium, June 30, 1934, the division had 492.7 miles under contract.

Completed mileage for the two-year period classified by types follows:

Completed 1932-34 Biennium

Type	Miles
Graded	254.1
Rock surfaced	22.2
Oil treated and bituminous surf.	367.6
Portland cement concrete	269.9
Asphalt concrete	167.2
Total	1081.0

The following mileage was under contract at the end of the 1932-34 biennium:

In Construction June 30, 1934

Type	Miles
Grading	177.1
Rock surfacing	21.7
Oil and bituminous surfacing	145.3
Portland cement concrete	20.9
Asphalt concrete	127.7
Total	492.7

Mr. Purcell's letter of transmittal accompanying the report to Director of Public Works follows in part:

"Factors affecting the activities and administration of the Division of Highways during the past two years have shifted and changed with unprecedented rapidity. Under these conditions the state highway organization has endeavored to meet the immediate demands of traffic and at the same time program construction and maintenance activities for future development.

"Legislation of importance to the continued development of a unified state highway system was enacted by the 1933 session of the state legislature.

"Possibly the most far reaching enactment provided for including within the state secondary highway system approximately 6800 miles of county roads, thereby increasing the mileage in the system from about 7300 miles to approximately 14,000 miles.

"A change equally important was caused by the enactment which allocated to the incorporated cities of California one-quarter cent from the two-cent revenue allocated to the Division of Highways as the state's share of the three-cent gasoline tax. These funds are allotted to the cities for improvement and maintenance of state highway routes within city limits and are proprated among the respective cities in proportion to their population."

Recovery Legislation

Passage by Congress of the National Industrial Recovery Act in June of 1933 provided funds for state highway construction as a means for the relief of unemployment on a larger scale than ever attempted. Of the $400,000,000 appropriated by the act for state highway work $15,607,354 was apportioned to California.

Reviews Work

C. H. PURCELL
State Highway Engineer

"The state legislature assented to the federal requirements included in the act by passing the California Recovery Act to expedite work under the federal recovery program. The division rushed the preparation of a major construction program based on an adjusted budget required to meet the changes caused by increased highway mileage and new financial conditions. On August 25, 1933, as the opening of this program, the Division of Highways called for bids on fifty highway and bridge construction projects, estimated to cost approximately $4,000,000. Continuing this policy the program was advanced with rapidity and on June 30 of this year the entire program was under way or completed, with the exception of two or three minor projects."

Design Progress

"Improvement in design and construction practice has continued during the intensive construction program of the past biennium.

"There has been an increasing trend towards uniformity of practice and standardization of methods in highway construction thruout the various states. The influence of federal requirements on junction with the work of the state highway construction in con- American Association of State Highway Officials has done much in bringing this condition towards a culmination.

"During the past two years the various departments of the division have cooperated with the engineering staff engaged on the construction of the San Francisco-Oakland Bay Bridge and very definite advances in engineering practice have been made from the results of intensive studies in the design and proportioning of concrete mixes, the use of lightweight aggregates for concrete decks on bridges and development of methods for determining consolidation and probable lateral displacement of large fills.

Federal Funds

"The biennium has witnessed the completion of all projects under the Federal Highway Act of 1921 and its subsequent amendments, as well as those financed from the emergency advance fund of 1931 and the emergency relief and construction fund of 1932.

"Of the $120,000,000 emergency relief and construction fund of 1932 California was apportioned $4,667,188. These funds, together with $905,258 remaining available to California under the Federal Highway Act and $1,409,590 in state funds provide for the construction of 44 projects at a total cost of $6,982,036.

"The Hayden-Cartwright Act of the past session of Congress has provided additional federal funds for the current year, with California's apportionment amounting to $7,932,206, and apportionments for each of the years ending June 30, 1936, and June 30, 1937, estimated at approximately $4,742,000.

Conclusion

"The greater mileage of the state highway system has increased responsibility of the Division of Highways to the people of the state. The decreasing revenues from the gasoline tax and motor vehicle fees, with the accompanying uncertainty of the amount of funds to be available for future construction and maintenance purposes, present problems of increasing difficulty, at a time when continued and unified development of the state highway system is of importance. The state should meet its responsibilities for an adequate state highway system."

FRESNO AUDITORIUM MINIMUM WAGE SET

A minimum wage of 62½ cents an hour for common labor on construction of the Fresno civic auditorium has been given PWA approval, according to Jean L. Vincenz, Fresno commissioner of public works, and City Attorney C. L. Row.

The scale was raised to 62½ cents an hour after Charles Pengellay, representing the building trades council, appeared before the city commission to protest the 45 cents an hour rate set in the specifications.

LEADERS PLEDGED TO RAISE FUND FOR EXPOSITION

$3,000,000 Needed To Launch 1938 World's Fair Plan; Aprove Island Site

Nearly two score enthusiastic civic, business and financial leaders of the San Francisco Bay district yesterday unanimously agreed that an Exposition in 1938 to celebrate the completion of the two bridges across San Francisco Bay will be possible to finance.

Without a dissenting vote these leaders voted to make immediate and exhaustive studies of all factors involved in an exposition program.

They met at the call of Leland W. Cutler, president of the San Francisco Bay Exposition, which was organized six months ago to formulate plans.

They also voted an expression of opinion that the Yerba Buena Shoals offered the most logical site for the exposition but deferred decision pending further study.

Mr. Cutler opened the meeting by stating that to asure the success of the exposition a fund of three million dollars would probably have to be raised in San Francisco without recourse to a bond issue.

Those present unanimously agreed that this sum could be had to put over the exposition. It was made clear that the exposition itself would cost considerably more than this sum but that the three million dollars as a preliminary fund would be sufficient to make it a reality.

Mr. Cutler referred to the success of A Century of Progress in Chicago and cited the benefits received by that city as a result of its exposition, and stated he saw no reason why San Francisco should not achieve like success.

Meanwhile, Mr. Cutler announced that Southern California leaders of the movement to hold a World's Fair in Los Angeles in 1937-8 will be his guests at luncheon Thursday, at which time they will meet with members of the executive committee of the local Exposition Company in an effort to iron out the conflict in plans between the two cities.

Those present at the meeting included:

R. F. Allen, W. N. Burkhardt, Geo. T. Cameron, Allen L. Chickering, Alfred J. Cleary, R. W. Costello, Wm. H. Crocker, Wm. P. Filmer, Herbert Fleishhacker, John F. Forbes, W. P. Fuller, Jr., B. R. Funsten, Marshal Hale, J. R. Hayden, Samuel Kahn, Frederick J. Koster, R. D Lapham, Alfred J. Lundberg, P. H. Patchin, M. H. Robbins, A. E. Schwabacher, R. S. Shainwald, Paul Bissinger, W. P. F. Brawner, Dudley Frost, Mayor Angelo J. Rossi, Milton H Esberg, Jos. B. Parker, Felix McGinnis and Colonel Allen G. Wright.

DAY-LABOR FUND PROTESTS FILED

The Master Plumbers Association of California is leading a campaign among construction industry groups protesting extensive use of day labor in expenditures authorized under the proposed four-billion-dollar public works fund. The association has sent the following telegram to representatives in Congress and urges other organizations to file similar messages:

Your efforts to amend the emergency relief bill now before Congress is urgently requested so that contractors such as plumbers, electricians, heating and piping contractors, plasterers, carpenters and all manner of construction industry contractors may participate in the work.

The CWA and SERA made no provision for contractors who are bearing a large part of the burden in the Construction Industry today and I earnestly believe that this new proposed fund should not all be earmarked for "Days work."

The Government can obtain the desired results by letting all its citizens and taxpayers participate in this fund and thus put no unnecessary burden on any one craft or industry, as has certainly been the result under CWA and SERA allocation of funds.

Eastbay Cities Prepare Program For PWA Money

Cities of Oakland and Berkeley are preparing construction programs to be submitted for PWA financing under the forthcoming public works appropriation, city managers of the two municipalities announce.

City Manager Hollis Thompson of Berkeley has prepared a list of desirable projects, including $300,000 for a police administration building and city jail; $75,000 for a municipal natatorium; $17,000 for two fire houses; $300,000 for railroad underpasses.

City Manager John F. Hassler has directed all city department heads to prepare lists of suitable projects immediately. They will be forwarded to the state PWA engineer as soon as they can be compiled.

REPEAL ORDINANCE REQUIRING SURETY

Santa Cruz City Council has voted to repeal an ordinance requiring surety bonds for building contractors. The measure was passed originally with the intention of discouraging competition from nonresident contractors, but has failed of its purpose and has become a hardship on local builders, the council was advised

398 LICENSED BY REGISTRAR IN JANUARY

Month's Gain in State's Roll Of Qualified Contractors Above Average

A gain of 398 in the number of licensed contractors during January is reported by Carlos Huntington, registrar of the contractor's license bureau. The total of 21,123 slightly exceeds the total registration at the same date a year ago.

"The registration of 398 builders in the past thirty days also marks the second largest increase recorded in any single month during the last two fiscal years," Col. Huntington reported.

A total of 50 formal complaint cases and 30 informal cases were pending before the Registrar last month. The formal cases involved building projects valued at $31,766.

The Registrar disposed of 18 of the formal cases during the month. Of the 50 formal cases, 19 were filed last month, while 31 cases were pending at the start of the month. Consequently, 32 such cases were awaiting final adjudication at the close of last month, although preliminary investigations had been conducted by field inspectors.

In disposing of these 18 cases, the Registrar revoked the license of one contractor and suspended the certificate of four other builders for violation of the Contractors' License Law.

Definite action to prevent five unlicensed persons, who had been found to be illegally operating as contractors from obtaining a certificate at a future date, was taken by the Registrar, when the names of these five persons were "flagged" in the Sacramento headquarters As a result, none of these persons will be able to obtain a license until an investigation and hearing is held.

Accused builders were found not guilty and exonerated in six cases, while one case was amicably settled as a result of a hearing, and one case settled prior to a hearing.

In the informal complaint section, settlements were effected in 24 cases, while six cases are still pending final adjudication.

OAKLAND RECHECKS FHA CAMPAIGN WORK

Recheck of FHA building repair and modernization pledges in Oakland has been 37 per cent completed by canvassers. Louis J. Breuner, campaign director, reports.

To date the check has covered 6441 homes. The canvassers reported 1160 jobs completed and 326 in progress. Contractors had handled 1142 of the jobs and owners, 344

The committee has been asked to recommend a contractor by 3,136 of those who signed pledges.

STEEL PLACED IN S. F. TOWER OF GATE SPAN

Base Plates Laid and Traveler Erected at South Pier

A new and spectacular landmark has commenced to take form at San Francisco's harbor entrance. It is the south tower of the Golden Gate Bridge that, with its twin on the Marin side of the Golden Gate, will support the world's greatest suspension span.

Already the first sections of tower steel, some of the units of which weigh 70 tons, have been erected and approximately 1,500 tons of fabricated material are on the loading platform on the south pier fender in readiness to be erected this week by McClintic-Marshall.

In all, three barge loads of tower material have been delivered and safely landed on the loading platform despite high seas on the first day of delivery which rendered the handling of the heavy steel members somewhat difficult.

During the past week, according to the report of Chief Engineer Jos. B. Strauss, the steel contractors completed laying the 38-seven-ton steel base slabs. These are embedded in a special red lead paste and held firmly to the ground concrete pier top by means of steel dowels, six and a half inches in diameter.

Assembly of the creeper traveler, which will be used throughout construction of the tower, rising between the two tower legs as they continue skyward, was completed the middle of last week. It is now in operation and its two huge derrick booms are being used in handling the tower members.

Pacific Bridge Company, builder of the difficult foundation for the huge tower, has completed dismantling its equipment and is moving from the site. Meanwhile pylon S-2 to the rear of Fort Winfield Scott has reached an elevation of 95.2 feet on its west shafts, while forms and reinforcing steel, which will cary the east shaft to the same elevation, are in place. The pylon now tops the historic old fort and may be seen plainly by travelers on the bay ferries.

The cable housing, which fronts the south anchorage to the rear of Fort Scott, is taking shape rapidly, having been concreted to an elevation of 36 feet. It now completely encloses the area between pylon S-2 and the anchorage, the east weight block of which has been concreted to an elevation of 78 ft.

Work has been resumed on the high viaduct of the Presidio approach road. The first pier of the east half has been concreted and excavations for another have been completed and are in readiness for the pile driver. The contractor is building the deck forms at the westerly end of the low viaduct.

$179,000 Highway Job Advertised By Nevada Board

Bids for construction of about 28 miles of highway, for an appropriation of $179,000 has been made, will be opened by the Nevada State Highway Directors February 20 in Carson City.

The work, which is included in Nevada's $2,756,000 highway construction program for 1935, is located in Mineral, Lyon and Churchill counties between Schurz and 9.6 miles south of Fallon.

Among the principal items and estimated quantities involved are 116,330 cubic yards roadway excavation; 189,650 station yards overhaul; 52,095 cubic yards select borrow; 97,440 tons of crushed stone or gravel surface; 36,900 feet of redwood; about 514,700 gallons of asphalt road material; 14,700 lbs. of reinforcing steel and 28 miles subgrade, roadmix and finishing roadway.

Plans and specifications for the work are obtainable from S. C. Durkee, Nevada state highway engineer, and are on file at the San Francisco office of the U. S. Bureau of Public Roads, 461 Market Street.

ORDER SKETCHES FOR $1,000,000 SACTO. SCHOOLS

Board Commissions Architects On Two Buildings; To Ask PWA Aid

Sacramento city board of education has selected architects to prepare sketches of two new school buildings to cost $1,000,000, construction of which will be undertaken if a PWA grant and bond issue are approved.

Plans call for construction of a $500,000 annex to the junior college consisting of approximately 25 classrooms and a $500,000 high school.

Architect Harry J. Devine was directed to plan the college building and the firm of Starks & Flanders were commissioned for the high school. Sketches are to be submitted to the board next week.

The superintendent of schools has been directed to negotiate with the Public Works Administration for a grant for the project. If approval is obtained a bond issue probably will be submitted for the necessary balance at an early election.

ORDER SURVEY OF TERMITE INFESTATION

Works Will Inspect San Francisco Buildings to Determine Damage

A survey to determine the extent of damage done by termites to buildings in San Francisco and to recommend to property owners effective methods of eradication of the pests will be undertaken within the next week, Chief Administrative Officer Alfred J. Cleary said yesterday.

The survey will be conducted under the direction of A. A. Brown, consulting engineer, and City Engineer John J. Casey with the cooperation of the State Emergency Relief Administration, which has approved employment of investigators as a work-relief project, according to Mr. Cleary.

The workers will examine every wooden structure in the city, locate places where the termites exist, and recommend means of eradication to the property owner.

During a two-week period before going into the field the workers will receive detailed instructions from Mr. Brown concerning their duties. They will work in squads of six and will be furnished with proper credentials for admittance to homes and with a pamphlet to present to the householders stating the methods by which the pest may be combatted.

"The existence here of termites and the damage to property resulting from their activities has created a dangerous situation, one which the city must go into thoroughly and immediately in order that they will not gain the foothold here that they have in other communities," Mr. Cleary said.

FRESNO PLANNING BID DEPOSITORY

Organization of a central bid depository in Fresno to be operated by agreement with the Fresno Exchange is planned, according to Mano Zan, code coordinator for the Contractors' License Bureau, who conferred with T. M. Robinson, member of the Fresno administrative committee for the electrical contractors' code, and representatives of other code agencies in Fresno.

Mr. Zan accompanied Lloyd Flatland, regional chairman of the electrical code committee, to Fresno where the twelfth regional code administrative officers held a two-day meeting this week.

Those attending included Thos. Harris, San Francisco; J. D. O'Connor, Sacramento; L. A. Poland, Eureka; Curtis Hess, Fresno; J .O. Case, Los Angeles; J. F. Zweiner, San Diego; George Hecker, Reno; Richard L. Pew, Bakersfield.

BERKELEY VOTE ON $500,000 BONDS MAR. 26

School Directors Approve Program For Reconditioning Buildings

An election proposing $500,000 in bonds to be supplemented by PWA grant of SERA labor allotments for reconditioning of Berkeley schools has been called by the board of school directors for March 26. A bond issue for the same purpose submitted last year was defeated.

The district also is committed to a special tax levy for reconstruction amounting to $50,000 annually, beginning with the next fiscal year.

The board previously announced selection of Architect John Reid, Jr., and Thomas Chace, structural engineer, to design the buildings and to superintend construction. The following assistants were appointed:

Engineering staff: Chas. Dimmler, engineer estimator, $1.25 an hour; W. E. Leland, consulting mechanical engineer, $2.50 an hour; Howard L. Kegler, engineering draftsman, $1.38 an hour, maximum $250 a month; Jos. Guptil, engineering draftsman, $1.25 an hour, maximum $225 a month; Chas. D. Elfers, engineering draftsman, $1.38 an hour, maximum $250 a month; Charles North and Gustave Aaron, inspector-draftsman, $1.25 an hour, maximum $225 a month.

Architectural staff: Arthur B. Dudman, Wesley A. Talley, Edwin B. Mead and F. H. Stanton, $1.10 an hour, maximum $200 a month; L. A. DeMonte and R. R. Jones, junior draftsmen, 75 cents an hour, maximum $135 a month.

BIDS ON MADERA HOSPITAL ANNEX OPEN FEB. 18

Supervisors Authorize Contract For $100,000 PWA Project

Opening of bids for construction of the $100,000 addition to the Madera county hospital has been set for February 18 by the board of supervisors.

The building was designed by Architect Ernest J. Kump, Fresno, with F. W. Kellberg, San Francisco as consulting structural engineer.

It will be of reinforced concrete, one story and basement. Roof will be of tile.

On the main floor there will be sixty-two rooms and a nursery. The basement will contain linen room, commissary, lockers and boiler room.

The work is financed by a bond issue of $70,000 and PWA grant of $30,000.

Reclamation Bureau Asks Proposals on Equipment, Cement

Bids for furnishing cement and various pieces of equipment for western projects are to be opened at the Denver, Colo., office of the U. S. Bureau of Reclamation during the next month.

The bureau will open proposals February 15 for furnishing two motor driven vertical-shaft pumping units for use in the Melhase-Ryan sump drainage pumping plant of the Klamath project at Klamath Falls, Oregon.

Bids for furnishing approximately 125,000 barels standard or modified Portland cement or 15,000 barrels standard Portland cement in sacks for the Taylor Park Dam of the Uncompahgre Project in Colorado will be opened February 18.

On the same day the bureau will receive proposals for one motor-driven vertical-shaft pumping unit of a five and one-half second-feet capacity and one of 13 second-feet capacity for the South pumping plant of the Advancement District, Owyhee Project, Oregon.

Bids for furnishing several pieces of equipment for the Boulder Power Plant of the Boulder Canyon Project will be opened February 20. Equipment required includes a turbine gallery crane with two hydraulic jacking frames of 150 and 60 tons capacity, respectively, two 30-ton trolleys, and two lifting beams. The equipment is to be installed by the government.

These contracts advertised are in addition to a number of others for furnishing equipment for the Boulder project, including pumping units, flow meters, electric testing equipment, and fire-extinguishers, which have been reported previously.

CERTIFICATE FEE NOT AUTHORIZED

The State Board of Architectural Examiners has no authority to charge a fee for issuing a duplicate certificate to an architect to replace one lost or damaged, according to Attorney General U. S. Webb.

Mr. Webb stated, in answer to an inquiry from the Board, that the act to regulate the practice of architecture provided for issuance of duplicate certificates, the original certificate being a matter of record not alone with the Board but with the county recorder of the county in which the architect has his principal place of business.

The charge made by the secretary of state for issuance of a second certificate at the time they were being handled by that official was authorized in Section 409 of the Civil Code, Subdivision 15, which fixes the fees of the secretary of state and provides that he shall collect two dollars for issuing a certificate of official character.

COAST PERMITS GAIN $2,500,000 OVER JAN., 1934

Many Cities Report Improvement Due to Housing Campaigns

Total building permits reported by all principal municipal and county inspection departments in seven western states in January exceeded those of the corresponding month last year by more than $2,500,000 and were greater than any month of 1934 excepting October

Preliminary reports compiled by DAILY PACIFIC BUILDER from official sources show a total of $6,753,960 for the month, which will be increased to more than seven million dollars when figures are complete. This compares with $4,434,236 for January a year ago and $5,709,858 for December. The total for October was $8,607,019 the only month last year which exceeded the January total.

All states, excepting Washington, reported an increase over January, 1934. And all states, excepting Washington and Nevada, reported an increase over December.

Public school building in San Francisco and Los Angeles is responsible in part for the increase in permit values. However, a general gain is reported in number of permits issued and in the value of work in other cities, due in most instances to the modernization campaigns of the Federal Housing Administration.

The ten leading cities ranked in the value of permits issued follow:

	January 1935	January 1934
Los Angeles	$2,187,816	$980,328
San Francisco	876,317	472,890
Oakland	480,630	146,392
Long Beach	268,560	385,650
Portland	248,170	234,925
Beverly Hills	198,420	96,596
San Diego	189,287	203,619
Salt Lake City	172,391	33,950
Huntington Park	119,037	18,690
Seattle	118,935	278,469

PROPOSE $2,000,000 RECTOR DAM PROJECT

A bill creating the Rector Dam Authority for the construction of a $2,000,000 dam in Rector Canyon, six miles from Yountville in Napa County, has been introduced in the state legislature by Assemblyman Ernest Crowley of Solano County.

The dam would furnish water for the Napa State Hospital and Farm and the veterans' home at Yountville with surplus waters being sold for irrigation.

Revenue bonds would be issued for the project. Crowley declared the Public Works Administration has indicated its willingness to make a 30 per cent grant on labor and materials.

The state controller and the director of finance would be two members of the authority.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
90	Standard	Standard	3000
91	Battersby	Lindsay	3000
92	Besio	Owner	4000
93	Land	Owner	3000
94	Sinigiani	Oliva	3500
95	Miller	Salomon	1850
96	Standard	Standard	3000
97	Battersby	Lindsay	3000
98	Besio	Owner	4000
99	Land	Owner	3000
100	General	——	4000
101	Foppiano	Owner	1200
102	Sbarboro	Owner	6000
103	Dunne	Jones	1000
104	Mendez	Lester	2125
105	Standard	Standard	1500
106	Bell	Owner	4000
107	Moss	Muller	3800
108	Hetty	Malloch	2000
109	Lurie	Jones	1000
110	Olson	Owner	2500
111	Martorana	Owner	3000
112	O'Hara	Owner	1500

STATION
(90) SW OCTAVIA AND FULTON Sts. One-story Class A service station.
Owner—Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co., 200 Bush St., S. F. $3000

DWELLING
(91) W NAPLES 50 S Italy Avenue. One-story and basement frame dwelling.
Owner — G. M. Battersby, 1731 San Jose Ave., San Francisco.
Architect—Not Given.
Contractor — Boyd C. Lindsay, 183 Oxford St., San Francisco. $3000

DWELLING
(92) SW HURON AND MONETA Way. One-story and basement frame dwelling.
Owner—Lorenzo Besio, 18 Ocean Ave. San Francisco.
Architect—Not Given. $4000

DWELLING
(93) W TWENTY-SECOND AVE. 27 N Wawona St. One-story and basement frame dwelling.
Owner—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

DWELLING
(94) E THIRTY-FIRST AVE. 200 S Irving St. One-story and basement frame dwelling.
Owner—H. Sinigiani, 542 Vienna St., San Francisco.
Architect—Not Given.
Contractor—J. Oliva, 542 Vienna St., San Francisco. $3500

ALTERATIONS
(95) NO. 1190 TURK ST. Alter rooming house.
Owner — Mr. Miller, 1734 Broderick St., San Francisco.
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick St., San Francisco. $1850

STOTION
(96) SW OCTAVIA AND FULTON Streets. One-story Class A greasing station.
Owner—Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner. $3000

DWELLING
(97) W NAPLES 75 S Italy Avenue. One-story and basement frame dwelling.
Owner — G. M. Battersby, 1731 San Jose Ave., San Francisco.
Architect—Not Given.
Contractor — Boyd C. Lindsay, 183 Oxford St., San Francisco. $3000

DWELLING
(98) S MONETA WAY 120 W Huron St. One-story and basement frame dwelling.
Owner—Lorenzo Besio, 18 Ocean Ave. San Francisco.
Architect—Not Given. $4000

DWELLING
(99) NW TWENTY-SECOND AVE. and Wawona St. One-story and basement frame dwelling.
Owner—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

STATION
(100) NE ARGUELLO BLVD. AND Geary St. One-story Class C service station.
Owner—General Petroleum Corp. of Calif., Ferry and Pier, Oakland.
Architect—Not Given.
Contractor—Not Awarded. $4000

ALTERATIONS
(101) NW MISSION AND TWENTY-second Sts. Alter restaurant.
Owner—John Foppiano, Premises.
Architect—Brunswick Balke Collender Co., 980 Mission St. $1200

FLATS
(102) W WEBSTER ST. 145 S Beach Two-story frame flats.
Owner—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $6000

ALTERATIONS
(103) 136 TAYLOR ST.; alter store.
Owner—Dunne Estate, 333 Montgomery Street.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission Street. $1000

ALTERATIONS
(104) NE 26th ST. and Mission; alter store.
Owner—Victor Mendez, 1172 Key Ave.
Architect—Not Given.
Contractor—J. E. Lester, 274 Lowell. $2125

ALTERATIONS
(105) NW BEACH & JONES STS Alter offices.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Architect—Not Given. $1500

DWELLING
(106) W STOCKTON STREET 114 N Chestnue Street. One-stary and basement frame dwelling.
Owner—Margaret Bell, 1317 Hyde St. San Francisco.
Architect — E. H. Denke, 1317 Hyde St., San Francisco. $4000

ALTERATIONS
(107) NO. 133-135 GEARY STREET. Alter store.
Owner—Moss Stores, Inc., 833 Market St., San Francisco.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francisco.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $3800

ALTERATIONS
(108) SE TURK AND FRANKLIN Sts. Alter store.
Owner—Mrs. L. Hetty, 1700 10th Ave. San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $2000

AUTO STORE
(109) S IRVING ST. 70 E Fifteenth Ave. One-story steel auto store.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco. $1000

DWELLING
(110) W EIGHTEENTH AVE. 25 N Kirkham St. One-story and basement frame dwelling.
Owner—Carl Olson, 1495 18th Ave., San Francisco.
Architect—Not Given. $2500

ALTERATIONS
(111) NO. 2887 BRYANT ST. Alter store and flat.
Owner—Sam Martorana, 292 Precita Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(112) NO. 1041 BROADWAY. Alter dwelling.
Owner—Miss L. O'Hara, 1051 Broadway, San Francisco.
Architect—Not Given. $1500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
59	F A B	Owner	4500
60	Peters	Owner	7000
61	Van Adelung	Rose	1200
62	Hoffschneider	Ingler	12000
63	County	Segregated	1,568,873
64	Loewenfels	Sullivan	1000
65	Pressler	Owner	3000
66	Hansen	Owner	5000
67	Smith	Owner	5000
68	Gall	Owner	1700
69	Sunset	Leiter	5500

ADDITION
(59) NO. 1249 SIXTY-SEVENTH ST. **OAKLAND.** One-story brick addition to factory.
Owner—F. A. B. Manufacturing Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given. $4500

DWELLING
(60) NO. 5720 WALNUT AVENUE, **OAKLAND.** One-story 8-room dwelling.
Owner—John Peters, % Architect.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland. $7000

REPAIRS
(61) 407 29th ST., **OAKLAND**; fire repairs.
Owner—Dr. E. Van Adelung, premises
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1200

APARTMENTS
(62) 3815 PARK BLVD., **OAKLAND**; two-story 16-room apartments.
Owner — A. P. Hoffschneider, San Francisco.
Architect—N. and A. Newsom, Russ Bldg., San Francisco.
Contractor—C. L. Ingler, 150 Alta Rd. Oakland. $12,000

COURT HOUSE
(63) BLOCK bounded by 12th, 13th, Fallon and Oak Sts., **OAKLAND;** 12-story concrete court house and hall of records.
Owner—County of Alameda, Fifth and Broadway, Oakland.
Architect—Board of Architects, W. G. Corlett, Chairman, Bank of America Bldg., Oakland.
Contractor—Segregated Contracts. $1,568,873

ADDITION
(64) 5452 LOCKSLEY AVE., **OAKLAND;** addition.
Owner—Roy Loewenfels, premises.
Architectt—Not Given.
Contractor—L. C. Sullivan Co., Ltd., 3909 Loma Vista Ave., Oakland. $1000

DWELLING
(65) NO. 2842 BUTTERS DRIVE, **OAKLAND.** One-story 5-room dwelling.
Owner—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given. $3000

DWELLING
(66) NO. 1884 THOUSAND OAKS, **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—L. W. Hansen, 1819 Tacoma Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $5000

DWELLING
(67) NO. 4053 OAKMORE ROAD, **OAKLAND.** One-story six-room dwelling.
Owner — M. F. Smith, 1105 Chatham Road, Oakland.
Architect—Not Given. $5000

ADDITION
(68) NO. 4001 SAN LEANDRO ST., **OAKLAND.** Addition.
Owner—O. B. Gall, Premises.
Architect—Not Given. $1700

ADDITION
(69) NO. 2101 LIVINGSTON ST., **OAKLAND.** One-story 2-room brick addition.
Owner — Sunset McKee Sales Book Co., Premises.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland. $5500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
21	Arnold	Powers	——
22	Wong	Fraccia	6000
23	Associated	Soule	6660

ALTERATIONS
(21) No. 67 MILL STREET. All work for re-roofing sloped shingle roofing of dwelling.
Owner—F. Arnold, Premises.
Architect—Not Given.
Contractor—Powers Roofing Co., 1442 Alabama St., San Francisco.
Filed Jan. 31, '35. Dated Jan. 10, '35.
HOLC Contract .....
TOTAL COST, $——
Bond, limit, forfeit, plans and specifications, none.

FLATS
(22) N JOHN 118-9 W Powell W 18-9 xN 62-6. All work for two-story and basement frame (2) flats, garage and store rooms.
Owner—Wong Quock Don, % Architect.
Architect—Albert H. Schroepfer, 244 Kearny St., San Francisco.
Contractor—Fraccia & Truffelli, 2450 Chestnut St., San Francisco.
Filed Feb. 1, '35. Dated Jan. 28, '35.
Frame up ... $1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, $3000. Surety, ——. Limit, 75 days. Forfeit, none. Plans and specifications filed.

SERVICE STATION
(23) POST AND MASON STREETS. Fabricate steel and complete steel service station, including steel frame and metal work; glass and glazing, doors, stainless steel, chromium plated work, hardware, painting and welding.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Engineer—Lindgren & Swinerton, 225 Bush St., San Francisco.
Contractod — Soule Steel Co., 1750 Army St., San Francisco.
Filed Feb. 5, '35. Dated Feb. 2, '35.
On 1st of each month. .. 75%
Usual 35 days . 25%
TOTAL COST, $6660
Bond, $6660. Surety, Aetna Casualty & Surety Co., Hartford, Conn. Limit, 60 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ADDITION, $150; 5951 Majestic Ave., Oakland; owner, M. B. Wright, Premises.
FIRE repairs, $411, SE 20th & Webster Sts., Oakland; owner, General Tire & Rubber Co., Prem.; contractor, Geo. J. Maurer, 50 York Drive, Piedmont.
ADDITION, $100; 1012 Aileen Street, Oakland; owner, Mrs. J. Agrati, 1012 Aileen St.
ALTER garage, $125; 1067 Alcatraz Ave., Oakland; owner, Mrs. Gross Premises; contractor, Geo. W. Nunes, 5430 Dover St.
REPAIRS, $30; 1205 Ashmount Ave. Oakland; owner, F. M. Ball, 1205 Ashmount Ave.
ADDITION, $900; 6215 Outlook Ave., Oakland; owner, K. Hughes, 6215 Outlook Ave.; contractor, Melrose Builders, 1700 47th Ave.
SIGN, electric, $75; 1536 Market St., Oakland; owner, Elizabeth Smith Prem.; contractor, Radiant Neon Display, 2561 San Pablo Ave.
SIGN, electric, $175; 1533 Clay Street, Oakland; owner, The Owl, Prem.; contractor, Ace Elec. Sign Co., 1213 E-12th St.
SIGN, cloth, $6; 2515 Mason Street, Oakland; owner, C. M. Evans, Premises.
ALTERATIONS, $110; 429 4th St., Oakland; agents., E. B. Field Co., 11th and Harrison Sts.; contractor, Acme Partition Co., 3535 Peralta St.
ALTERATIONS, $300; 681 Santa Ray Ave., Oakland; owner, W. Gercke Premises.
ADDITION, $150; 4068 Altamont Ave. Oakland; owner, H. L. Valleroy, 3650 Maple Ave.
ALTERATIONS and repairs, $750; 402 Newton Ave., Oakland; owner, W. R. Simpers, Prem.; contractor, Allen & Allen, 1239 106th Ave.
ADDITION, $150; 127 Sheridan Road. Oakland; owner, David Miller 127 Sheridan Road.
ALTERATIONS, $200; 426 Lester Ave., Oakland; owner, E. F. Powell, Prem.; contractor, E. F. Chasmar, 4257 Suter St.
ALTERATIONS $490; 121 E-11th St., Oakland; owner, Public Health Center, Prem.; contractor, C. Merrill Greenlaw, 5975 Keith Ave.
FIRE repairs, $29; 717-19 25th St., Oakland; owner, Mary A. Bowcher, Middletown, Calif.

SAN FRANCISCO UNDER $1000

SAN FRANCISCO UNDER $1000

ALTER store, $500, 2206 Polk Street, owner, C. McBride, 2212 Polk St.
SIGN, electric, $100; 164 Taylor St., owner, Jim's Tavern, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
SIGN, electric, $100, 1427 11th Ave.; owner, Mrs. Turkeltop, 1427 11th Ave.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
ALTER store, $200; NE Douglas and 18th Sts., owner, Geo. Schomaker Premises.
ALTER store, $200, 1088 Market St.; owner, Granada Sweet Shop, 1088 Market St., contractor, Phoenix Simpton Co., 520 6th St.
ALTER store, $300; 4194 26th St.; owner, Mrs. M. Widmer, 4191 26th St.; contractor, L. M. Coggins, 1128 Oak St.
ALTER flats, $500, NE Fulton and Baker Sts., owner, Hartinger Trust Estate, 369 Pine St.; contractor, The Ruegg Co., 369 Pine.
ALTER dwelling, $65; 72 Lawrence; owner, Joe Ingnacco, Premises, contractor, John Marshall, 4147 Mission St
ALTER hall, $700, 163 Alhambra St.; owner, A. Gianni, Premises.
BILLBOARD, $37.50; W Valencia St. 65 N 15th; owntr, Foster & Kleiser, 1675 Eddy St.
SIGN, electric, $100; 3152 Mission St.; owner, Steve Clege, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
WATER tank, $350; 438 9th Street; owner, Tonkin Distributing Co., 438 9th St.; contractor, Scott Machinery Co., 960 Folsom St.
ALTER restaurant, $187; 621 Fulton St.; owner, Musso P. Vigli, 621 Fulton St.; contractor, Cal. Carpenter Shop, 400 Columbus Ave.
ALTER store, $100; 661 Jackson St.; owner, Dere Chow, Prem.; contractor, Wong Non, 45 Spofford Alley.
SIGN, electric, $100; 821 Ulloa St.; owner, Philosophers Inn, Prem.; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.
ALTER restaurant, $995; 371 Market St.; owner, Asher & Thomas, 371 Market St.; contractor, Fink & Schindler Co., 552 Brannan St.
ALTR club, $200; 521 Post St.; owner, Olympic Club, 521 Post St.; contractor Lindgren & Swinerton, 225 Bush St.
ALTER warehouse $475; 108 Hooper St.; owner, Lindauer, 35 Oak Grove St.; contractor, Gustave Anderson 134 Halleck St.
ALTER rooming house $175; 43 Verona Place; owner, Nicholas Vrabel, 43 Verona Place.
RETAINING wall, $450; 1912 Golden Gate Ave. (rear); owner, Mrs. Frieda Hashagen, Bean and Massal Sts., Los Gatos; contractor, H. A. Spreen, 407 Matilda Street, Sunnyvale.
CHIMNEYS, patent, $60; W Alemany 112 S Tingley; owner, Deproly, 3289 Mission St.; contractor, Bryde Lindsey, 268 Army St.
SIGN, electric, $200; 735 O'Farrell St. owner, Coon Hollow Liquor Co., Prem.; contractor Golden Gate Neon Sign Co. Inc., 355 8th St.
ALTER flats, $200; 3182 Washington St.; owner, C. J. Freedoland, 3182 Washington St.
ALTER dwelling $50; 23 Roscoe St.; owner, Norman McQueen, Prem.
ALTER dwelling, $100; 526 16th Ave.; owner, R. Callender, Premises.
SIGN, electric, $40; 2231 Polk Street; owner, Sherry's Inc., 2231 Polk St. contractor, Golden Gate Neon Sign Co., Inc., 355 8th St.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until February 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Suplies, Room 270, City Hall, under Bid No. 1336 for furnishing ¾-in. bronze fittings.

Specifications obtainable from above office.

SAN FRANCISCO—Until February 11, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 120 for the sale of the following:

LOT No. 2: Quantity of old lumber and canvas tops for election booths, located at the Department of Elections warehouse, 18th St. and Treat Ave.

LOT No. 3: (a) Approximately 15 tons smrap iron; (b) approximately 10 tons scrap steel; (c) approximately 1000 lbs. scrap brass; (d) approximately 220 lin. ft. 4-inch redwood wire-wrapped pipe in 20 ft. lengths; located in the San Francisco Water Department Yard 639 Bryant St.

The above property may be inspected at the points where located.

Specifications obtainable from above office.

RECLAMATION BUREAU

DENVER, Colo.—Until February 18, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at Almont, Colo., approx. 125,000 barrels of standard or modified Portland cement or 15,000 barrels of standard Portland cement in cloth sacks for the Taylor Park Dam, Uncompahgre Project, Colorado. No charge for specifications to prospective bona fide bidders; to others $0.50 not returnable. For particulars address Bureau of Reclamation, Denver, Colo. Specifications No. 658-D.

BOULDER CITY, Nevada — Until February 20, 2 P. M., bids will be received by the Bureau of Reclamation.

ALMONT, Colorado—Until February 18, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 658-D, for furnishing and delivering f.o.b. cars at Almont, Colorado, approximately 125,000 bbls. of standard or modified Portland Cement or 15,000 bbls. standard Portland cement in cloth sacks, for the Taylor Park Dam, Uncompahgre Project, Colorado.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 50c not returnable.

KLAMATH FALLS, Oregon—Until February 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 660-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Klamath Falls, Oregon, two motor-driven vertical-shaft pumping units for use in the Melhase-Ryan sump drainage pumping plant, Klamath Project, Oregon-California.

All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 25c not returnable.

ONTARIO, Oregon—Until February 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 661-D for furnishing and delivering f.o.b. cars at the factory shipping point or at Ontario, Oregon, one motor-driven vertical-shaft, pumping unit of 5½ second-feet capacity, for the North pumping plant; and one motor-driven, vertical-shaft, pumping unit of 13 second-feet capacity for the South pumping plant for the Advancement District of the Owyhee Project, Oregon-Idaho.

All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 25c not returnable.

RECLAMATION SERVICE

BOULDER CITY, Nevada — Until February 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the factory shipping point or at Boulder City Nevada; one 10-in. lathe; one 24-in. upright drill press, and one 10-in. pedestal grinder, for installation in the Boulder Power Plant, Boulder Canyon Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c not returnable.

GRAND COULEE DAM, Wash.—Until February 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 664-D, for furnishing and delivering fob cars at the factory shipping point or at Odair, Wash., one 75-ton gantry crane with one 15-ton auxiliary hoist for the storage yard at Grand Coulee Dam, Columbia Basin Project, Wash. All apparatus will be installed by the Government.

Specifications obtainabe from above office without charge to prospective bona fide bidders; to others, $.50 not returnable.

BERKELEY CITY

BERKELEY, Alameda Co., Cal.—Until Feb. 20, 2 P. M., bids will be received by the Berkeley Board of Education for furnishing paint materials, lumber and building materials for the school department.

BERKELEY, Alameda Co., Calif.—Until February 13, 10 A. M., bids will be received by Berkeley City Council for furnishing 40 new radio receiver sets.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LATHE, one motor-driven tool makers' lathe and spares; Mare Island. Sch. 4201; February 15.

ZINC OXIDE, 300,000 lbs.; Mare Island. Sch. 4229; February 19.

HEAD PHONES, 120; Mare Island. Sch. 4100; February 19.

BEARINGS, 1,000 ball bearings; Mare Island. Sch. 4234; February 19.

LACQUER, 500 qts. nitrocellulose lacquer; Mare Island; 400 qts. do, and 600 qts thinner, Puget Sound. Sch. 4255; February 26.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynle, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

FEBRUARY 11, 2 P. M.

BID NO. 1896: Fob bidder's shipping point and/or Lemon Cove: 6 carbic floodlights.

FEBRUARY 13, 2 P. M.

BID NO. 1920: Fob bidder's shipping point and/or Willitts: 114 pieces reinforcing steel;

BID NO. 1899: Fob bidder's shipping point and/or Sonora: (1) 500 ft. wire rope, ⅞-in. plow steel, six strands, 19 wires; (2) 5 cable sliding hooks for ⅞-in. cable; (3) 5 cable knobs for ⅞-in. cable;

BID NO. 1898: Fob bidder's shipping point and/or Government Island: (1) 10,000 glass insulators, Hemingray deep groove No. 16 or equal; (2) 5,000 do, No. 19 or equal;

BID NO. 1897: Fob bidder's shipping point and/or Del Rosa: replacement parts for Cletrac 40-55;

BID NO. 1891: Fob bidder's shipping point and/or Government Island: (1) 24 gals interiar ivory tan wall flat tone; (2) 230 gallons light weatherbeaten brown creosote wall stain; (3) 250 gals. tobacco brown outside paint; (4) 115 gals. outside white paint; (5) 24 qts. clear Valspar varnish; (6) 140 gallons boiled linseed oil;

BID NO. 1917: Fob bidder' shipping point and/or Government Island: 3,000 ft. duck strapping, khaki, 12 oz. double filled;

BID NO. 1905: Fob bidder's shipping point: 200 brush knives, without sheaths;

BND NO. 1905: Fob bidder's shipping point and/or Government Island: 18,000 flashlight batteries, 1¼x2¼ inches;

BID NO. 1906: Fob bidder's shipping point and/or Government Island: (1) 14 forestry type torches; (2) 3 Airoil hand torches.

Specifications obtainable from above office.

CONTRA COSTA COUNTY

PITTSBURG, Contra Costa Co., Cal.—Until February 11, 8 P. M., bids will be received by the Pittsburg City Council, James Fitzgerald, City Clerk, for furnishing crushed rock and emulsified asphalt as follows:

(1) 40 tons more or less, crushed rock grade 1½-in. to 3 mesh;

(2) 75 tons, more or less crushed rock grade 1½-in. to 10 mesh;

(3) 250 tons do, grade 2½-in. to 1½ mesh;

(4) 325 tons do, grade 1½-in. to one mesh;

(5) 150 tons do, grade ¾-in. to ½ mesh;

(6) 14,000 gals, more or less, emulsified asphalt.

Specifications obtainable from above office.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Banks
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Completed.

ADDITION, ETC. Cost, $——
SAN FRANCISCO. SW Taylor and Washington Streets.
Alterations and additions to apartment building (work involves the painting, plumbing, electric wiring, miscellaneous carpentry, etc.)
Owner—Peter Contos.
Architect—H. C. Baumann 251 Kearny Street.
Mgr. of Const.—J. La Breacht, 1255 Taylor Street.

Sub-Contracts Awarded.

APARTMENTS Cost, $6500
BERKELEY, Alameda Co., Cal. SW Prince and Dana Streets.
One-story frame and stucco apartments.
Owner—George Bush.
Architect—Leonard Ford, 20-22 Berkeley Way, Berkeley.
Contractor—C. J. Pfrang, 6300 Claremont Ave., Berkeley.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
Plumbing—Ambrose Bros., 206 Chumalea St., Oakland.
Plastering—Jos. Giachetto, 1209 Derby St., Berkeley.
Sheet Metal — Monsen & Sons, 3480 Champion St., Oakland.
Roofing—Mastercraft Roofing Co., 1 20th St., Richmond.
Hardwood Floors—E. C. Mattson, 2960 Montana St., Oakland.

3— CHURCHES

Plans Being Figured.

ALTERATIONS Cost, $2500
SAN RAFAEL, Marin Co., Cal.
Remodel Sacristy in church (all new case work, plumbing, painting, etc.)
Owner— Dominican College.
Architect — Arnold Conatable, 580 Market St., San Francisco.

Preparing Sketches.

PULPIT Cost, $——
SAN FRANCISCO. Mission St., bet. Third and Fourth Sts.
New marble pulpit.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Arnold Constable, 581 Market St., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO — Architect Arnold Constable, 581 Market Street, awarded contract to Phoenix Day Co. 729 Mission St., for furnishing and installing bronze gates and bronze offering stands for the St. Patrick's Church, located on Mission Street, between Third and Fourth Sts.

4— FACTORIES & WAREHOUSES

To Be Done By Day's Work.

ALTERATIONS Cost, $150,000
STOCKTON, San Joaquin Co., Calif. Cherokee Lane.
Alterations to bldg. for packing plant (machinery and equipment, concrete work, etc.)
Owner—Oakland Packing Corp. (G. G. Hurt, President).
Plans by Engineering Dept. of Owner.
Mgr. of Constr. — Lawrence Waters, Sutter Hotel, Stockton, and Premises.
Concrete—F. Kaus, 2726 E Main St., Stockton.
All other work will be done by day's labor by the owners.

To Ask Bids Shortly.

ADDITIONS Cost, $100,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (galvanized iron construction).
Owner—Stockton Grain Terminal Association (E. D. Wilkinson, President, 1435 W. Flora St., Stockton).
Plans by O. H. Chain, 41 S. Sutter St., Stockton.

PLANNED

SOUTH GATE, Los Angeles Co., Cal.—Purex Corporation, Ltd., 1001 E. 62nd St., contemplates erection of a new factory plant on Compton-Jaboneria Road, South Gate. The three reinforced concrete buildings comprising the plant will include an office building, a large warehouse and a manufacturing plant.

Steel Contract Awarded.

PLANT Cost, $50,000
CALIFORNIA CITY, Marin Co., Cal. Near Tiburon.
One-story steel cable spinning plant (535x100 feet).
Owner—John Roebling Sons Co., 646 Folsom St., San Francisco.
Plans by Engineering Dept. of Owner.
Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Approximately 450 tons is involved.

To Be Done By Day's Work.

ADDITION Cost, $5000
OAKLAND, Alameda Co., Calif. 1249 67th Street.
One-story addition to factory (brick construction).
Owner—F. A. B. Manufacturing Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.

SHOP Cost, $5000
SAN FRANCISCO. W Bayshore Blvd. S Courtland Avenue.
One - story and mezzanine floor concrete shop building (25x109 feet) composition and part tile roof, plate glass front, store front tile.
Owner—P. Spagnoli (Dreamland Bedding Co.) 534 Bayshore Blvd.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Vannucci Bros. Const. Co. 374 Bayshore Boulevard.
Electric—Aetna Electric Co., 1435 Eddy Street.
Roofing—Progress Roofing Company.
Reinforcing Steel—W. C. Hauck and Co., 280 San Bruno Avenue.
Plumbing—A. Ramanzotti, 1473 Vallejo Street.

Contract Awarded.

ALTER SHOP Cost, $5000
EMERYVILLE, Alameda Co., Calif. Doyle and Stanford Streets.
Alterations to printing shop and bindery.
Owner—Pacific Manifolding Book Co., Premises.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—W. G. Thornally, 2059 Webster St., Oakland.

CANNERY Cost, $50,000
STOCKTON, San Joaquin Co., Calif. Morningside Industrial Area (20 acre site).
Two-story cannery (reinforced concrete construction to first floors, steel and corrugated iron on second floors, wood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco (E. P. Euphrat in charge).
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Bids will be asked at a later date. It was previously reported that bids were being received to be opened on January 25, but the owner left for the East and the date of opening bids has been postponed temporarily.
$6,660.

Sub-Contracts Awarded.

BUILDING Cost, $25,000
SAN FRANCISCO. Twelfth St. and Van Ness Avenue South.
Two-story reinforced concrete fire distributing plant and warehouse building (vulcanizing plant on the second floor, stock room, offices, gasoline pumps in circle in center of building.
Owner — Dempster Estate Co., 519 California St., San Francisco.
Lessee—McKean Bros., 616 Van Ness Ave., San Francisco.
Engineer—W. Adrian, 417 Market St.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Lumber — Roth Maier Lumber Co., 2800 Third St.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave.
Steel Windows—Michel & Pfeffer Iron Works, Harrison and 10th Sts.
Concrete — Golden Gate Atlas Materials Co., 16th & Harrison Sts.

Site Purchased.

BREWERY Cost, $——
SAN GABRIEL, Los Angeles Co., Cal. Santa Anita St. and Southern Pacific Tracks (4 acre site).
Construct new brewery.
Owner—Golden West Brewing Co., 7th and Kirkham Sts., Oakland.
Architect—Not Given.
Construction will not go ahead immediately.

Planned.

ADDITION Cost, $70,000
AMPERE, San Joaquin Co., Calif.
Addition to present winery (work involves construction of a distillery, warehouse and cellar).
Owner—Bear Creek Vineyard Assn.
Architect—Not Given.
Plans for the original buildings were prepared by Architect Frank V. Mayo, 108 E. Miner St., Stockton.

Contract Awarded.

BREWERY Cost, $19,000
BAKERSFIELD, Kern County, Calif. Union Ave. and Oregon St.

Three-story concrete, steel and stucco brewery (245-ft. frontage) capacity of 100 barrels per day.
Owner—Bakersfield Brewery.
Plans by Engineering Dept. of Owner.
Contractor—Williams and Greenaugh, Bakersfield.

Being Done By Day's Work.
ADDITION Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 560 N-Sixth Street.
Addition to pottery plant (install new kiln, etc.)
Owner—Garden City Pottery Co., 560 N-Sixth St., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Kiln—Harrop Engineering Co., Ohio.
Work is being done by day's labor under supervision of owner.

Sub-Bids Being Taken.
DAIRY Cost, $30,000
BURLINGAME, San Mateo Co., Cal. 198 California Drive.
One - story reinforced concrete dairy (75 feet long) building will house receiving room, pasteurizing room, milk and ice cream storage rooms.
Owner—Borden Delivery Company.
Architect—Wm. Toepke, 216 Post St., San Francisco.
Contractor—Bessett Bualding Co., 826 Walnut Street, Burlingame. *

Contract Awarded.
ADDITION Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1249 Sixty-seventh Street.
One-story addition to factory (brick construction).
Owner—F. A. B. Manufacturing Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.
Contractor — L. R. McWethy, 198 Mountain Ave., Oakland.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $6000 each
SAN FRANCISCO. W San Jose Ave. S Twenty-fifth Street.
Three two-story and basement frame and stucco flats.
Owner and Builder—T. R. Sharman, 3700 Broderick St., San Francisco.

Contract Awarded.
FLATS Cont. Price, $6000
SAN FRANCISCO. John and Powell Streets.
Two - story and basement frame and stucco flats (2 5-room flats) tar and gravel flat roof, wood floors.
Owner—Wong Quock Don, % architect.
Architect—Albert Schroepfer, 244 Kearny Street.
Contractor—Fraccia & Truffelli, 2450 Chestnut Street. *

To Be Done By Day's Work.
FLATS Cost, $7000
SAN FRANCISCO. W Webster St. 145 S Beach St.
Two-story frame and stucco flats.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point St.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Plans Being Prepared.
SERVICE STATION Cost, $——
SANTA BARBARA, Santa Barbara Co., Cal. SE Rancheria and Carillo Streets.
Automobile service station.
Owner — Associated Oil Co., Pacific Electric Bldg., Los Angeles.
Plans by Engineering Dept. of Owner. Bids will be asked shortly from Santa Barbara contractors.

Plans Completed.
SERVICE STATION Cost, $7000
SAN FRANCISCO, SW Octavia and Fulton Streets.
One-story Class A service station and greasing station.
Owner—Standard Oil Company, Inc., 225 Bush Street.
Plans by Engineering Dept. of Owner.

Plans Completed
SERVICE STATION Cost, $9000
WILLOW GLEN, Santa Clara Co., Cal. Willow and Lincoln Streets.
One-story service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

To Ask Bids In One Week.
SERVICE STATION Cost, $7000
SAN FRANCISCO. SW Octavia and Fulton Streets.
One-story Class A service station and greasing station.
Owner—Standard Oil Company, Inc. 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $4000
SAN FRANCISCO. NE Arguello Blvd. and Geary St.
One-story Class C service station.
Owner—General Petroleum Corp. of California, Perry and Pier, Oakland.
Plans by Engineering Dept. of Owner.

Steel Contract Awarded.
SERVICE STATION Cost, $12,000
SAN FRANCISCO. NW Post and Mason Streets.
One-story steel service station.
Owner—Associated Oil Co., 79 New Montgomery Street.
Architect—D. D. Stone and J. A. Bauv 110 Sutter Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Steel—Soule Steel Co., 1750 Army St.,

Plans Being Figured.
SERVICE STATION Cost, $4000
SAN FRANCISCO. NE Arguello Blvd. and Geary St.
One-story Class C service station.
Owner—General Petroleum Corp. of California, Perry and Pier, Oakland.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

CONTRACT AWARDED.
ELKO, Nevada — Ralph Rockwell, Elko, Nevada, at $4325 awarded contract by Treasury Department, for the construction of a new concrete retaining wall, wall copings, etc., at the U. S. Post Office, Elko, Nevada.

PLUMBING AND MECHANICAL CONTRACTS AWARDED
SAN FRANCISCO.—Fred. J. Early, Jr., 369 Pine St., awarded the plumbing and mechanical contracts to the Scott Company, 243 Minna Street, for replacing two water tanks and supporting platforms; for providing a new water filter and new water pump; for enlarging a bathroom in Quarters No. 6; for installing new windows in Quarters No. 3; for replacing all windows in Quarters No. 4, and for replacing or repairing wooden sidewalks, all at the U. S. Naval Direction Finder Station, Farallon Islands, Calif.; Spec. No. 7757.

CONTRACT AWARDED
OREGON CITY, Oregon—Dougan-Hammond Constr. Co., Portland, Oregon, at $5320 awarded contract by the Treasury Department, for completion of basement of the Post Office building at Fifth and Main Sts. Oregon City.

LOW BIDDER
SAN DIEGO, Cal.—J. A. Hunt, P. O. Box 345, East San Diego, at $9281 submitted low bid to the Eleventh Naval District, for concrete floors in land plane hangars at the Naval Operating Base (Air Station) San Diego. Specification No. 7885.

Bids Wanted—To Close February 21, 1 P. M.
POST OFFICE Cost, $167,000
HUNTINGTON PARK, Los Angeles Co., Cal.
Two-story Post Office Building (94x138 feet) reinforced concrete walls and floor and roof slabs, tile and composition roofing, structural steel, steel sash, terrazzo, marble and tile work, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Following have procured plans:
Murch Bros. Constr. Co., 4111 Lindell Blvd., St. Louis, Mo.
Sarver & Zoss, 1015 W. Fourth St., Los Angeles.
Theo. A. Beyer Corp., 438 Chamber of Commerce Bldg., Los Angeles.
Libbey & Libby Co., 244 Second Ave., South, Minneapolis, Minn.
Robt. E. McKee, Central Bldg., Los Angeles.
G. F. Campbell Bldg. Co., 346 Bryne Bldg., Los Angeles.
Reid & Alexander, 3124 Olive St., Huntington Park.
Schuler & McDonald, Colton.
Rapp Engineering & Constr. Co., 3985 Glencross Ave., Cincinnati.
Plans and specifications may be obtained from above.

Bids Rejected.
POST OFFICE Cost, $63,800
SOUTH PASADENA, Los Angeles Co. Calif.
One-story U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
All bids received January 9 were rejected, the lowest bid being submitted by L. F. Dow Co., Los Angeles, at $44,347. The South Pasadena City Council passed a resolution protesting the box-like construction of the building and demanded that the deed for the land to be returned to city unless a building costing approximately $100,000 was erected.

CONTRACT AWARDED
HONOLULU, T. H.—Ralph E. Woolley, Honolulu, T. H., at $4,900 was awarded contract by Treasury Department, Washington, D. C., for installing a sprinkler system in the U. S. Immigration Station at Honolulu.

BIDS WANTED.
ALBANY, Oregon.—Bids are being received by the Custodian, U. S. Post Office, Albany, Oregon, for repairs and painting at the U. S. Post Office at Albany. 7

February 6, 1935
Bid Opening Date Postponed Until March 7, 1 P. M.
POST OFFICE Cost, $90,000
INGLEWOOD, Los Angeles Co., Cal. U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Date was previously set for Feb. 25, 1 P. M.
Plans and specifications may be obtained from above office upon deposit of $15.00. *

CONTRACT AWARDED
ALAMEDA, Cal.—Thos. M. Jones, 643 29th Ave., San Francisco, at $314 awarded contract by Treasury De-

partment for a 90-ft. pipe rail, four vault vents and three bulletin boards in the U. S. Post Office at Alameda.

PLANNED.

CALEXICO, Imperial Co., Calif.—Treasury Department has recommended an appropriation of $84,000 for the proposed post office building to be erected in Calexico.

CONTRACT AWARDED.

SAN FRANCISCO—R. S. Silverberg 405 Montgomery St., at $193.00 was awarded contract by Treasury Department for work at the Marine Hospital, 14th Avenue and Lake Street, as follows:

(1) Roof repairs, Main Building No. 1; (a) plaster repairs;
(2) Roof repairs, Attendants' quarters Building No. 7;
(3) Nurses' Quarters Bldg. No. 8; (a) Roofing repairs; (b) Pointing of steps, west end of building; (c) Calking and pointing pilasters at west end; (d) Calking threshold east doors, and both side lights of center entrance portico;
(4) Plague Laboratory, Bldg. No. 19; (a) Repair copper parapet flashings and cornice;
(5) Plaster repairs in Building No. 2: (Sterlizing room and stair well).

8— CLUB BUILDING

Planned.

CLUBHOUSE Cost, $——
RICHMOND, Contra Costa Co., Cal. Polnsett Park.
Construct new clubhouse.
Owner—Junior Mira Vista Club (Jack Stoddard, in charge), 5410 Barrett St., San Francisco.
Architect—Not Given.

9— HOSPITALS

BIDS WANTED.

SACRAMENTO, Cal.—ntil Feb. 11, 10 A. M., new bids will be received by the Sacramento County Board of Supervisors for linoleum floor covering for the Home For The Aged Women in Sacramento. Harry Devine, California State Life Bldg., Sacramento, architect. Previous bids received were rejected.

February 1, 1935

Bids Wanted—To Close February 18, 10 A. M.

HOSPITAL Cost, $97,000
MADERA, Madera Co., Cal.
One-story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) (concrete walls and floors, tile roof, tile partitions, etc.)
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 541 Market St., San Francisco.
Bids are being taken as follows:
(1) Work complete.
(Alt. A) Deduct if ventilating system is omitted.
(Alt. B) Deduct if tile wainscoting in certain rooms is omitted.
(Alt. C) Deduct if lighting fixtures
Unit A: Excavating and backfilling, per cu. yd.
B: One to six mix concrete in place, per cu. yd.
C: Reinforcing steel in place, per lb.
D: Form work in place, per sq. ft.

Plans and specifications may be obtained from the architect and from the Board of Supervisors upon deposit of $25.00.

Preliminary Plans Being Prepared.

HOSPITAL, ETC. Cost, $6000
ORLEANS, Humboldt Co., Cal.
One-story wood frame hospital unit and community center (53x36 ft.) shingle roof, wood floors, etc.
Owner—Episcopal Bishop of Sacramento.
Architect — Arnold Constable, 581 Market St., San Francisco.
Building is to be constructed for the Mission of the Holly Spirit (Rev. C. W. Silk, M. D., Pastor).

Preparing Preliminary Plans.

HOSPITAL Cost, $20,000
EAST OAKLAND, Alameda Co., Cal.
Two-story frame and stucco maternity hospital (two wards, 4 and 6 beds each and five private rooms)
Owner—Withheld.
Architect—Claude Barton, 361 Staton St., Oakland.

FIRE LOSS.

SUSANVILLE, Lassen Co., Calif.—Fire destroyed the Lassen County Hospital February 2. Damage estimated at $10,000. The loss is fully covered by insurance.

Preparing Preliminary Plans.

HOSPITAL Cost, $12,000
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) composition roof, tile and linoleum floors, etc.
Owner—Dr. C. W. Weaver Memorial Hospital (Brigadier W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.

PLANS APPROVED

RIVERSIDE, Cal.—Riverside County Emergency Relief Committee has approved plans for the proposed hospital building to be erected at Riverside County Hospital in Arlington. It will be a four-story, fireproof structure, providing 101 beds. Cost is estimated at $322,000. Of this amount, approximately $150,000 would be expended for materials. G. Stanley Wilson, Mission Inn, Riverside, Architect.

BIDS OPENED

SAN FRANCISCO—R. S. Silverberg 405 Montgomery St., at $678 submitted low bid to U. S. Marine Hospital, San Francisco, for dampproofing basement walls of buildings Nos. 11, 12, 13, 14, 15 at the U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco. Complete bids follow:

R. S. Silverberg	$ 678
Gill-Mann Company	893
Conrad B. Sevig Co.	2444

Bids referred to Washington for award.

Plans Being Prepared.

DORMITORY Cost, $150,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and County Road.
Two-story reinforced concrete dormitory at Fairmount Hospital (to replace Wards K and L).
Owner—County of Alameda.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Labor will be furnished by the SERA and materials will be purchased by the County shortly.

Plans Being Figured—Bids Close Mar. 4, 10 A. M.

WARD ADDITION Cost, $20,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition at the County Hospital (22 bed unit) composition roof, wood floors, steam heating system to connect to central heating plant, etc.
Owner—County of Monterey
Architect—Chas. Butner, 51 Maple St., Salinas.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO, 1130 Turk Street
Alterations to rooming house.
Owner—Mr. Miller, 1734 Broderick St.
Architect—Not Given
Contractor—L. Salomon, 1731 Broderick Street

February 7, 1935

Sub-Contracts Awarded.

BAR Cost, $15,000
SAN FRANCISCO, Mason and California Streets.
Construct new bar in Palm Court of Mark Hopkins Hotel.
Owner—Mark Hopkins Hotel.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor—Braas & Kuhn, 1917 Bryant St., San Francisco.
Plumbing—W. J. Forster, 355 Fourth St.
Painting and Decorating—A. Quandt & Sons, 374 Guerrero St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Bar Work — Barthold Soda Fountain Co., 910 Howard St.
Electric — Twin Peaks Electric Co., 1121 Mission St.
Refrigeration—General Electric Co., Russ Bldg.

11—ICE AND COLD STORAGE PLANTS

Planned.

PRECOOLING PLANT Cost, $250,000
PLACERVILLE, Eldorado Co., Calif.
Pre-cooling, cold storage and ice-making plant.
Owner—Placerville Fruit Growers' Association, Placerville.
Architect—Not Given.
Further details will be announced shortly.

BIDS OPENED

PEARL HARBOR, T. H.—Max W. Moody, P. O. Box 291, Honolulu, T. H., at $9894 submitted low bid to Bureau of Yards and Docks, Honolulu for replacement of cold storage plant at Pearl Harbor, T. H. Specification No. 7873. Only other bid was submitted by R. S. Chase, Honolulu, T. H., at $10,500.
Bids held under advisement.

Contract Awarded.

ICE DEPOT Cost, $10,000
ORLAND, Glenn Co., Calif.
One-story frame cold storage plant and ice depot (office and display room, cold storage and cooling rooms, automatic ice vending machine, etc.
Owner—Union Ice Co., 354 Pine St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—W. W. Williamson, 320 Market St., San Francisco.

12— POWER PLANTS

PLANNED

OLIVE, Orange Co., Cal. — Olive Hillside Groves; Frank B. Maxwell, manager, Olive, will install a precooling plant in their packing house at Olive. Improvements will consist fe refrigeration equipment and insulation. Cost $16,000.

CONTRACT AWARDED

SAN FRANCISCO—Peninsula Burner and Oil Co., 885 Harrison Street, at $971.00 (using old brick) awarded the contract by the Department of Pub-

lic Works for the installation of gas burner equipment in the steam generating plant at the Laguna Honda Home.

APPLICATION FILED

BUTTE AND PLUMAS COS., Cal. —Great Western Power Co., 245 Market St., San Francisco, has applied to Federal Power Commission, Washington, D. C., for a permit to develop power resources on the North Fork of the Feather River in the counties of Butte and Plumas. A series of six power developments is proposed with a total installed capacity of approximately 400,000 horsepower to utilize all the available head between the existing Caribou and Big Bend developments.

Federal Power Commission, G. W. Lineweaver, Secretary will receive protests or request for hearing until March 25, 1935.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Bids Wanted—To Close February 21, 2 P. M.
AUDITORIUM Cost, $400,000
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in the balcony; 56-ft. stage, art gallery, little theatre, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel roof trusses, hot air and steam heating system and elevators.
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz, and E. W. Peterson, 304 Rowell Bldg., Fresno.)
Structural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
Bids are being taken as follows:
(1) General Work.
(2) Mechanical work, including the plumbing, sprinkler system, heating and ventilating.
(3) Electrical work and lighting fixtures.
Alternate 1: Omitting concrete hall.
Alt. 2: Omitting exhibition gallery.
Alt. 3: Omitting seats as specified under Section No. 21.
Alt. 4: Omitting linoleum floor covering under Section No. 17.
Alt. 5: Omitting certain stage rigging and equipment under Section No. 24.
Plans and specifications may be obtained from the architects upon deposit of $50.00.

PLANNED

POMONA, Los Angeles Co., Cal.—A bill was introduced in the legislature last week carrying an appropriation of $650,000 for four proposed new buildings to be erected at the Los Angeles County fair grounds in Pomona. The bill also proposes transfering the fair ground property to the state.

CONSTRUCTION UNDER WAY.

STOCKTON, San Joaquin Co., Cal. —Work is under way for converting the San Joaquin County Fair Grounds into minature Spanish Village. Work involves, stables, grandstand and poultry building. Construction is of adobe, brick and hand-made tiles. The SERA is furnishing the labor.

If sufficient funds can be raised a stock-judging arena, restaurant building and other buildings will be erected.

Planned.
ADDITION Cost, $2400
SAUSALITO, Marin Co., Calif.
Addition to public library.
Owner—City of Sausalito.
Architect—Not Given.
Further details will be announced shortly.

Planned.
JAIL Cost, $10,000
WATSONVILLE, Santa Cruz Co., Cal.
New fireproof jail (to accommodate 28 prisoners).
Owner—City of Watsonville.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Financing arrangements are now being discussed.

Contracts Awarded.
COURT HOUSE Cost, $380,000
SAN LUIS OBISPO, Calif. Monterey and Osos Streets.
Portion of two-story reinforced concrete Class A court house (181x 118 ft.) reinforced concrete frame, brick filler walls, hollow terra cotta tile partitions, reinforced with metal sash, marble and tile work, plastered exterior, Spanish tile roof, steam heat, one elevator, etc.
Owner—County of San Luis Obispo (Gwen Marshall, County Clerk).
Architect—Walker & Eisen, 708 Pacific Commerce Bldg., Los Angeles.
Radiators — Hammel Radiator Corp., $562.55.
Metal Partitions — Bradfield Building Products Co., $254.85.
Mill Work—San Luis Mill & Lumber Co., San Luis Obispo, $1,125.00.
Glass and Glazing—Southern Pacific Milling Co., San Luis Obispo, $1,-024.50.
Roofing—Southern Pacific Milling Co., San Luis Obispo, $314.96.
Sheet Metal—Only one bid submitted by the California Cornice Works, Inc., at $163, which was rejected.
Complete bids follow:

Radiators
Hammel Radiator Corp., Los Angeles $562.55
Clow Gasteam Heating Co..... 932.70

Metal Partitions
Bradfield Building Products Co. Los Angeles $254.85
Continental Specialties Co. Ltd. 269.85

Mill Work
San Luis Mill & Lbr. Co..... $1,125.00
Southern Pacific Milling Co..... 1,137.00
National Mill & Lumber Co..... 1,190.00

Glass and Glazing
Southern Pacific Milling Co... $1,024.50
Pacific Coast Coal Co..... 1,055.96
San Luis Mill & Lbr. Co..... 1,125.00

Roofing
Southern Pacific Mill Co..... $314.96
Pacific Coast Coal Co..... 435.94

PLANNED.

NATIONAL CITY, San Diego Co., Calif.—Architect Lillian Rice, Rancho Santa Fe, has prepared tentative plans for a proposed new city hall to be erected in National City at an estimated cost of $35,000. It will be a 2-story and part 3-story structure, the ground floor housing ten jail cells. Stucco will be used on the exterior and the roof will be tile. Application will be made for SERA labor.

Preparing Preliminary Plans.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x 150 feet.
Owner—City of Lodi.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Labor will be furnished by SERA.

February 6, 1935

BOND ELECTION PLANNED.

REDWOOD CITY, San Mateo Co., Cal.—San Mateo County will vote on a bond proposal in the near future in the amount of $167,000, proceeds from which will finance construction of a new courthouse in Redwood City.

Will H. Toepke, 126 Post Street, San Francisco, architect.

Planned.
JAIL Cost, $200,000
STOCKTON, San Joaquin Co., Cal.
Jail (add one-story to City Hall to be used as a city and county jail).
Owner—County of San Joaquin.
Architect—Not Selected.
SERA labor will be requested if project is approved.
Julius B. Manthy, county surveyor, in charge of the proposed project.

Preparing Working Drawings.
CITY HALL Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One-story City Hall (58-ft. frontage) reinforced concrete construction, plaster interior walls.
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about two weeks.
Labor will be furnished by SERA and materials purchased by the City of Cloverdale.

14— RESIDENCES

Heating Contract Awarded.
RESIDENCE Cost, $10,000
TURLOCK, Stanislaus Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) Spanish style; tile roof, oil or gas heating system, hardwood floors, tile baths, etc.
Owner—J. F. Osborne.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—H. A. Hubbard, 925 Columbia St., Turlock.
Heating—Ed. H. Wolfe, 142 South 1st St., Turlock.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4053 Oakmore Road.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—M. F. Smith, 1105 Chatham Road, Oakland.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Melvin Drive Highlands.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner and Builder—Chas. Ungaretti, 1727 Foothill Blvd., Oakland.
Architect—Chas. Keefer, 770 Wesley, Oakland.
Sub-bids will be taken shortly.

Sub-Contracts Awarded
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Calif. 5937 Chelton Drive.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—W. P. Johnston, 2693 Ritchie St., Oakland.
Architect—Not Given.
Roofing—W. L. Ridout, 1537 Mozart St., Alameda.
Plumbing—Henry Lass, 6300 Cole St., Oakland.
Electric Wiring—Wm. Higgins, 1611 11th St., Oakland.
Heating—H. K. Flowers, 5437 Thomas St., Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Hardwood Floors — Frank Ambrose, 1240 49th Ave., Oakland.

Iron Grille Work—Ed. Mueller, 1728 San Pablo Ave., Berkeley.
Brick and Stone Work—Earl Morgan, 1712 79th Ave., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.

Plans Being Completed.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Oakmore Estates.
Two-story frame and stucco residence (6 rooms).
Owner—A. Zampa.
Architect — Miller & Warnecke, Financial Center Bldg., Oakland.
Bids will be asked shortly.

To Be Done By Day's Work.
RESIDENCES Cost $4000 each
SAN FRANCISCO. W 22nd Avenue N Wawona Street.
Two one-story and basement frame and stucco residences.
Owner and Builders—Land Development Co., 364 Bush Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4500
SAN FRANCISCO. E 31st Avenue 200 S Irving Street.
One - story and basement frame and stucco residence.
Owner—S. Sinigiani, 542 Vienna St.
Architect—Not Given.
Contractor—J. Oliva, 542 Vienna St.

Contract Awarded.
RESIDENCES Cost $4000 each
SAN FRANCISCO. W Maples 50 S Italy.
Two one-story and basement frame and stucco residences.
Owner—G. M. Battersby, 1771 San Jose Street.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. S Huron and Moneta Way.
Two one-story and basement frame and stucco residences.
Owner and Builder—Lorenzo Besio, 18 Ocean Avenue.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Calif. 5720 Walnut Avenue.
One - story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash, oak floor, tiled baths, mahogany and pine trim.
Owner—John Peters, % architect.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Bids will be asked in about 10 days.
(5999)

To Be Done By Day's Work.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Cal. 520 Amherst Street.
One and one-half-story frame and stucco residence and garage.
Owner and Builder—R. S. Jones, 500 Amherst St., Palo Alto.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Twenty-seventh Ave. 75 N Vicente St.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
OAKLAND, Alameda Co., Cal. No. 648-652 Boulevard Way.
Two one-story and basement frame and stucco residences (6 rooms).
Owner and Builder—John F. Whalen, 461 Lee St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4120 Market Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Tony Gazzara, 886 29th St., Oakland.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Chelton and Bagshotte Drive.
Two-story and basement frame and stucco residence (7 rooms and 2 baths); shake roof, gas heating system, hardwood floors, tiled baths, etc.
Owner—Syndicate Idora Co.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Completed.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame residence (8 rooms and 3 baths) brick and rustic exterior, hardwood, tile baths, hardwood floors, etc.
Owner—Bank of America.
Architect—Earl MacDonlad, 194 John St., Oakland.
Whether bids will be asked or not is not determined at this time.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $——
SAN FRANCISCO. Twin Peaks Dist.
Two - story and basement frame and stucco residence (8 rooms and 2 baths).
Owner—Withheld.
Architect—C. G. Lundgren, 1496 Willard Street.

Plans Being Figured.
ALTER RESIDENCE Cost, $——
SAN FRANCISCO. 254 Edgewood Ave.
Alterations to frame residence.
Owner—John Reynolds, 245 Edgewood Avenue.
Architect—C. G. Lundgren, 1496 Willard Street.

Plans Being Prepared.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
One-story and basement frame and stucco residence (5 rooms) terra cotta tile roof, gas heating system, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.
Bids will be asked in abount two weeks.

Preparing Working Drawings.
ADDITION Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Alterations and additions to fraternity house (add bedrooms, new plumbing, stucco work, tile roof, redecorate interior, partition work, etc.)
Owner — Delta Chi Fraternity 586 Losuen St., Stanford University, Palo Alto.
Architect—Chas. Sumner, Deckeroak Bldg., Palo Alto.
Contrauction will not start until about June 15.

Preparing Working Drawings.
RESIDENCE Cost, $16,000
OAKLAND, Alameda Co., Cal.
Two-story and basement frame and stucco residence (9 rooms and 4 baths); slate roof, electric heat, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Plans Completed.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif Thousand Oaks.
Two-story and basement frame anr stucco residence (7 rooms); English style, shake roof, gas heating system, rustic exterior, hardwood floor, etc.
Owner—L. M. Hanson.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $8188
BERKELEY, Alameda Co., Cal. Cedar Street.
Two-story and basement frame and stucco residence (English Style); shingle roof, gas heating system, hardwood floors, etc.
Owner—Miss Helen Moore.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.
Mill Work — El Cerrito Lumber Co., 1206 San Pablo Ave., Berkeley.
Concrete—V. Dizillo, 1022 53rd St., Oakland.
Plumbing—A. Senery, 1036 Cornell Ave., Albany.
Electric—Jas. Andersen, 96 Zimmr Dr. Oakland.
Hardwood Floors—I. C. Castle, 273 Mather St., Oakland.
Roller Screens—Roll Away Screen Co. 2911 Shattuck Ave., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $13,000
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Oaks.
Two-story and basement frame and stucco residence (ten rooms and 3 baths; separate lavatory); shake roof, gas heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Ernest Cropp.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Richard Minor, 1444 Burlingame Ave., Burlingame.
Plumbing—H. Lander, San Mateo.
Electric Wiring—R. G. Linville, 2615 Easton St., Burlingame.
Heating—G. & M. Sheet Metal Works 504 9th Ave., San Mateo.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Iron Grill Work — H. Braunicke, 40 Barneson St., San Mateo.
Brick and Stone Work—Ohran & Sons 245 Myrtle Road, Burlingame.
Lumber—Wisnom Lumber Co., 1000 Broadway, Burlingame.
Hardware—H. & H. Hardware Co., 1405 Broadway, Burlingame.
Painting—A. Blowert, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Cal. No. 1851 Allston Way.
One-story and basement frame and brick veneer residence (6 rooms).
Owner — J. M. Helterbrand, 2648 E. Main St., Stockton.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Calif. 2842 Butters Drive.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two - story frame and stucco residence (7 rooms) tile roof, gas heating system, tile baths, etc.
Owner—Alva G. Starr, 2126 Jarlath St., Oakland.
Plans by Mr. Hammarberg.
Contractor—A. Hammarberg, 2340 LeConte, Berkeley.

Plans Completed.
RESIDENCE Cost, $5,000
SAN FRANCISCO, W. Stockton 114 N. Chestnut St.
One - story and basement frame and stucco residence (five rooms) flat roof, hot air heating system, hardwood floors, tile bath, etc.
Owner—Margaret Bell, 1317 Hyde St.
Architect—S. H. Deake, 1717 Hyde St. Bids will be asked at a later date.

Plans Completed.
RESIDENCE Cost, $7006
BERKELEY, Alameda Co., Cal. Hilldale Avenue.
Two - story and basement frame and stucco residence (7 rooms, and 3 baths) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Warren L. Hanna, 914 Peralta Ave., Berkeley.
Architect—Fred. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
REPAIR RESIDENCE Cost, $2000
OAKLAND, Alameda Co., Cal. No. 407 Twenty-ninth Street.
Repair fire damage to residence.
Owner—Dr. E. Von Adelung, Prem.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland.

Construction Postponed Indefinitely.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal.
One and one-half-story frame and stucco residence (5 rooms and 2 baths) hot air heating system, hardwood floors, shake roof, tile baths, etc.
Owner—Dr. Claude Church.
Architect—Newsom & Newsom, Russ Bldg., San Francisco.

SUB-CONTRACTS AWARDED.
El MONTE, Los Angeles Co., Cal. —Chas. J. Derleth, 124 N. La Brea Ave., Los Angeles, who was awarded the contract this week for the construction of the government's subsistence homestead project near El Monte, submitted the following subcontract bids with his general bid: Sheet metal, Main Cordice Works, 1416 N. Main St., Los Angeles, $2750; painting McCarthy Painting, 624 N. St. Andrews Pl., Los Angeles, $940; plumbing and [illegible], F. C. Schilling, 3215 Beverly Blvd., Los Angeles, $15,038; plastering, Ed Weinberg, 611 N. Alvarado St., Los Angeles, $15,344; electric wiring and fixtures, English Elec. Co., 1571 W. Jefferson St., Los Angeles, $8100. Construction work will get under way next week.

Additional Sub-Contracts Awarded.
RESIDENCE Cost, $7621
BERKELEY, Alameda Co., Cal. Ridge Road.
Two-story and basement frame and stucco residence (English style).
Owner—Church Divinity School of the Pacific.
Architect—W. H. Ratcliff Jr., Chamber of Commerce Bldg., Berkeley.
Contractor — A. Cederborg, 1455 Excelsior Blvd., Oakland.
Heating—Grady Sheet Metal Works, 2112 McKinley St., Berkeley.
Roofing—Oscar Bruck & Son, 2311 McGee St., Berkeley.
Other awards reported previously.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Ct., Calif. Thorne's Subdivision.
One-story and basement frame and stucco residence.
Owner—Anna & Michael Martino, 208 N. 17th St., San Jose.
Architect—Not Given.
Contractor—Salvatore Guardino, 690 Mission St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 1485 Emory Street.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—W. H. O'Neil, 1450 Emory Street, San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost. $3000
SAN JOSE, Santa Clara Co., Calif. 18th near Washington.
One-story frame and stucco residence (four rooms).
Owner—E. H. Williams, 364 N. 18th Street, San Jose.
Architect—Not Given.
Contractor—W. H. Lee, 50 N First St. San Jose.

Contract Awarded.
RESIDENCE Cost, $7000
SAN JOSE, Santa Clara Co., Calif. 52-54 Mission Street.
One-story frame and stucco duplex residence.
Owner—Mary M. Schmite, 55 Clayton Avenue, San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 855 Nevada Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 17th near Julian.
One - story and basement frame and stucco residence (5 rooms).
Owner—Mike Martino, 208 N. 17th St., San Jose.
Architect—Not Given.
Contractor—Sol Guardino, 690 Mission St., San Jose.

Sub-Bids Being Taken.
RESIDENCES Cost $4500 each
SAN FRANCISCO, 17th Avenue and Vicente Street.
Two one - story and basement frame and stucco residences (5 rooms each) tile and composition roofing, gas heating system, hardwood floors, etc.
Owner— and Builder—S. F. Johnson, 600 Wawona Street.
Architect—C. O. Clausen.

Plans Being Completed.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. Harvard Avenue.
Two-story frame & stucco residence Italian Style; (servant rooms and 2 baths); tile roof, etc.
Owner—George Ferroggiaro, 811 32nd Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portola Drive, San Francisco.
Bids will be asked in about ten days.

15— SCHOOLS

Commissioned To Prepare Plans.
SCHOOL ANNEX Cost, $500,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Annex to junior college (25 classrooms).
Owner—Sacramento School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.
Preliminary sketches will be submitted to the PWA on February 12 in an effort to obtain federal aid in the project and if granted a bond election will be held to finance construction of the proposed work.

Commissioned To Prepare Plans.
HIGH SCHOOL Cost, $500,000
SACRAMENTO, Sacramento Co., Cal. Southeastern section of city.
Construct new high school.
Owner—Sacramento School District.
Architect—Starks & Flanders, Forum Building, Sacramento.
Preliminary sketches will be submitted to the PWA on February 12 in an effort to obtain federal aid in the project and if granted a bond election will be held to finance construction of the proposed work.

Bids Awaiting PWA Approval.
SCHOOL Cost, $300,000
SAN FRANCISCO. 150 Brompton St. (Glen Park School).
Two-story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Building.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer — Robert L. St. John, 544 Market Street.
Work involves:
Excavation and grading; plain and reinforced concrete; structural steel; roofing and membrane water-proofing masonry and architectural terra cotta; sheet metal and metal covered work; metal furring; lathing; Interior and exterior plastering; marble work; tile work; terrazzo work; acoustical tile ceilings; miscellaneous iron and bronze work; glass and glazing; finish hardware; kitchen equipment; metal fencing; window shades; stage equipment and draperies; linoleum flooring.

CONTRACT AWARDED
COALINGA, Fresno Co., Cal.—American Seating Co., 521 Missien St., San Francisco, at $9923.14 awarded contract by Coalinga Union High School District, for furnishing and installing laboratory equipment for the science building at the Coalinga Union High School site; W. D. Coates Rowell Bldg., Fresno, Architect.
Complete bids follow:
American Seating Co., San Francisco $9923.14.
Sheldon Company, $9933.47.
Munthe Equipment Co., San Francisco, $10,650.
Fred E. Turner, San Francisco, $11,-218.12.

BIDS WANTED.
LAGUNA BEACH, Orange Co., Cal. —Until February 18, 2 P. M., bids will be received by Laguna Beach High School District for the construction of an 8 classroom and auditorium building on the elementary school site on Park Ave., Laguna Beach. Allison & Allison, 1014 Edison Bldg., Los Angeles, architect. Cost, $50,000.

CONTRACT AWARDED

LOS ANGELES, Cal. H. B. Nicholson, 443 E. First St., Long Beach, awarded contract at $48,445, by Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main building (less the 1932 addition) at the Hermon School, 5507 Bushnell Way. Frank D. Hudson, 701 Laughlin Bldg., Architect, and Francis N. Dlouhy, 9273 Cordell Drive, Structural Engineer.

CONTRACTS AWARDED

LONG BEACH, Los Angeles Co., Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, awarded contract by Long Beach Board of Education, at $83,476 (using salvage materials), for construction of units "A" and "B" at the Los Cerritos School site. Other contracts awarded were: O. E. Ross, 1850 Pacific Ave., Long Beach, plumbing and heating, $2703; H. L. Douglas Co., 3635 Gundry Ave., Long Beach, electric wiring, $1301. H. Alfred Anderson, 30 Pine Ave., Long Beach, Architect.

BIDS REJECTED

LONG BEACH, Los Angeles Co., Cal.—Long Beach Board of Education has rejected all bids received January 25 for the construction of the administration building at the James Russell Lowell Junion High School site and has instructed Edward L. Mayberry, Architect, 3900 E. Third St., Long Beach, to revise plans.

CONTRACTS AWARDED

LONG BEACH, Los Angeles Co., Cal.—Long Beach Brick Co., 422 E. Broadway, Long Beach, awarded the general contract by Long Beach Bd. of Education, at $24,817 (using salvaged materials), for construction of the arts and science building at the Jefferson Junior High School site. Other contracts awarded were: Economy Plumbing & Heating Co., 537 W. 9th St., Long Beach, plumbing, $5094; J. Herman Co., 1349 E. Vernon Ave., Los Angeles heating and ventilating, $2134; Egge Electric Co., 2222 E. 4th St., Long Beach, electric wiring, $3,308.29. Warren Dedrick 901 Heartwell Bldg., Long Beach, Architect.

LOW BIDDER

GARDENA, Los Angeles Co., Cal.—N. A. Anderson, 414 Rowan Bldg., submitted low bid at $44,000 to Los Angeles Board of Education for the construction of a new school building at the Denker Avenue School site, located on the southwest corner of Denker Avenue and Market St., Gardena.

BIDS OPENED.

SAN FRANCISCO.—Ace and Square Deal Floor Companies submitted low bid at $35.00 to Department of Public Works for the installation of hardwood floors in principal's office at the Bret Harte School, Third Street and Jamestown Ave. Approximately 250 square feet of floor surface is involved. Materials to be 5/16x2, select plain oak; border of same, two nails to each board, 7-in. apart. One coat paste filler finish, color as selected, two coats of shellac, one coat of wax.

Complete bids follow:

Ace & Square Deal Co.	$35.00
Inlaid Floor Company	37.50
Acme Floor Company	41.50

Bids held under advisement.

BIDS WANTED

LOS ANGELES, Cal.—Until February 27, 11:30 A. M., bids will be received by the purchasing bureau of the Los Angeles Board of Education, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the main building at the Wilmington Park School, located on the east side of Mahar Ave., between Young and K Sts., Wilmington. H. L. Gogerty, 6272 Yucca St., Los Angeles, Architect, and J. E. Byers, 761 Chamber of Commerce Bldg., Los Angeles, Structural Engineer. Cost, $83,373. 5

BIDS OPENED

SEATTLE, Wash. — R. Brandelein & Co., 2141 Bryant St., at $4028 submitted low bid to the Regents of the University of Washington, for specially designed furniture for the addition to the Library building under construction on the campus of the University of Washington. Complete bis follow:

R. Brandlein & Co., S. F.	$4028
Tacoma Millwork & Supply Co., Tacoma	4799
Nordquist & Nelson, Seattle	4899
The Desk Exchange, Seattle	5089
Pacific Door & Mfg. Co., Seattle	5256
Uyak Lumber & Millwork Co., Olympia	6463
Lowman & Hanford Co., Seattle	6851
Standard Mfg. Co., Seattle	8295
Kellogg & Son, Seattle	9600

Plans prepared by Architects Debb & Gould, Hoge Bldg. ,Seattle, Wash. Bids held under advisement.

CONTRACTS AWARDED

COSTA MESA, Orange Co., Cal.—Cresmer Mfg. Co., 2601 Third Street, Riverside, awarded general contract at $49,415.20 for construction of a new administration and classroom building on the Costa Mesa Grammar School site. Hickman Bros., 910 E. Anaheim Street, Long Beach, awarded heating and plumbing at $5714; Allen Trusty & Sons, 211 N. Main Street, Santa Ana, at $3485 awarded electrical work. Herbert E. Mackie and John Paxton Perrine, Western Pacific Bldg., Los Angeles, architects.

Commissioned To Prepare Plans.

RECONSTRUCT SCHOOL 140,000

BERKELEY, Alameda Co., Cal. California and Derby Streets.

Reconstruction of the Longfellow School.

Owner—Berkeley School District.

Architect—John Ried Jr., 405 Montgomery St., San Francisco.

Further details will be announced shortly.

PLANS BEING PREPARED

LOMA LINDA, Los Angeles Co., Cal.—Architect Clinton Nourse, 1406 Bond St., Los Angeles, is preparing plans for two new buildings to be erected at Loma Linda for the College of Medical Evangelists. They will be steel and wood frame structures with stucco exteriors, and will contain classrooms, laboratories and administrative offices. The plans will be submitted to the Board of Trustees next week for approval.

LOW BIDDERS

LOS ANGELES, Cal.—H. B. Nicholson, 443 E. First St., Long Beach, at $48,445 submitted low bid to Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main building at the Hermon School, 5507 Bushnell Way. Frank D. Hudson, 701 Laughlin Bldg., Architect and Francis N. Dlougy, 9273 Cordell Drive, Structural Engineer.

LOW BIDDERS

LONG BEACH, Los Angeles Co., Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, submitted only bid on general contract (using salvaged materials) to Long Beach Board of Education, at $47,658, for construction of units A, B, and C at the Los Cerritos School site. Low bidders on other contracts were: H. L. Douglas Electric Co., 3635 Gundry Ave., Long Beach, electric wiring, $4227; Hickman Bros., 910 E. Anaheim St., Long Beach, plumbing and heating, $2946 H. Alfred Anderson, 30 Pine Ave., Long Beach, Architect.

BIDS WANTED

NORWALK, Los Angeles Co., Cal —Until February 19, 8 P. M., bids will be received by the Board of Public Building Reconstruction at Norwalk for the construction of a reinforced concrete building with steel trusses, at Walnut and 14th Sts., Norwalk, for the Norwalk Elementary School District, in accordance with revised plans prepared by Architect T. C. Kistner, 514 Architects' Bldg., Los Angeles.

LOW BIDDERS

LONG BEACH, Los Angeles Co., Cal.—Long Beach Brick Co., 422 E. Broadway, Long Beach, submitted low bid to Long Beach Board of Education at $84,817 (using salvaged materials), for construction of a reinforced concrete arts and science building at the Jefferson Junior High School site. Low bidders on other contracts were: Egge Electric Co., 2222 E. Fourth St., Long Beach, electric wiring, $3303.29; Economy Plumbing & Heating Co., 537 W. 9th St., Long Beach, plumbing, $5094; Clarke Plumbing Co., 1151 E. Fourth St., Long Beach, heating, $2134. Warren Dedrick, 901 Heartwell Bldg., Long Beach, Architect.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until February 13, 4 P. M., bids will be received by Long Beach Bd. of Education for construction of a reinforced concrete administration building at the George Washington Junior High School site. Separate bids will be taken on the general, plumbing, electric wiring and heating and ventilating. W. Horace Austin, 532 Chestnut Ave., Long Beach, architect; Frances N. Dolughy structural engineer, and Homer Fisher, mechanical engineer. $25 deposit required for plans.

LOW BIDDER

LOS ANGELES, Cal. — Ralph E. Homann Co., 3720 Avalon Blvd., submitted low bid at $44,883 to Los Angeles Board of Education, for reconstruction, strengthening and rehabilitural engineer.

PLANNED

BERKELEY, Cal.—Berkeley Board of Education announces the following improvements to be included in the budget:

Jefferson Auditorium	$ 3,500
John Muir (South Wing)	23,515
Oxford (main bldg. annex)	3,500
Burbank Jr. High School	2,400
Garfield Jr. High (Aud., etc.)	5,520
Willard Jr. High (Aud. & gym)	8,500

BONDS VOTED.

PITTSBURG, Contra Costa Co., Cal. Pittsburg School District voted bonds in the amount of $79,000 February 1. Proceeds are to be used to finance reconstruction of buildings in Pittsburg to comply with the state earthquake safety act. Plans prepared by Architect Louis Stone, 785 Market St., San Francisco.

BIDS WANTED

MANTECA, San Joaquin Co., Cal.—Until February 15, 8 P. M., bids will be received by Guss G. Schmiedt, Clerk, Board of Trustees, Manteca Union High School District, for fur-

nishing lumber and materials for building bleachers for the Athletic Field at Manteca High School.

Specifications may be obtained from the Principal at the high school bldg.

Certified check for ten per cent of amount bid must accompany each bid.

BOND ELECTION.

MARIPOSA COUNTY, Cal.—County of Mariposa will vote bonds in amount of $120,000 on March 29, proceeds of which will be used to finance construction of a group of high school buildings, including a gymnasium and auditorium, in Mariposa County.

Plans will be prepared by Architect W. H. Weeks, 525 Market Street, San Francisco.

Bid Opening Date Postponed Until February 18, 8 P. M.

SCIENCE BLDG. Cost, $56,000

WASCO, Kern Co., Cal. High School Grounds.

One-story reinforced concrete science building (to contain classrooms, laboratories, assembly hall) reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors, tile toilet room floors, heating plant, etc.

Owner—Wasco Union High School District.

Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.

Date was previously set for Feb. 11, 8 P. M.

Plans and specifications may be obtained from the architect. Certified check or bid bond for 10% must accompany each bid. Bonds in amount of $42,000 were sold October 13.

Preparing Preliminary Drawings.

LIBRARY Cost, $350,000

EUGENE, Ore. Campus of University of Oregon.

Three-story and basement library (136 by 164 ft.) Romanesque style; tapestry brick exterior, cast stone, tar and gravel roof, some marble, central heating plant, concrete slab floors, acoustical treatment, book conveyors, electric elevator, two fire doors, tile, linoleum, cork and rubber flooring, hollow tile partitions, structural steel, temperature regulators, vault doors, weather stripping, etc.

Owner—State of Oregon.

Architect—Lawrence, Holford & Allyn Failing Bldg., Portland.

Bids will be asked at a later date by the Board of Higher Education.

Preparing Preliminary Drawings.

ADDITION Cost, $8000

FRENCH CAMP, San Joaquin County, Calif.

One-story brick veneer addition to grammar school (one classroom and one lunch room).

Owner—French Camp School Dist.

Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

Labor will be furnished by SERA and materials will be purchased by the trustees of the district in about thirty days.

BOND ELECTION PLANNED.

SAN MATEO, San Mateo Co., Cal. —The San Mateo School District will hold an election on February 26, at which time bonds in the amount of $25,000 will be voted to finance construction of new school buildings in San Mateo County. F. P. Simmen, N. D. Morrison and E. C. Lyon, trustees of the San Mateo School District.

SURVEY BEING MADE

RICHMOND, Contra Costa Co., Cal. —Architect Jas. T. Narbett, 466 31st St., Richmond, is making a survey of fifty schools in Contra Costa County to determine the condition of buildings, grounds and playground equipment at the high schools, junior high schools and elementary schools. A drawing is to be made of each building showing the entire plot, which will be filed for future reference.

The object is to give employment to idle architectural engineers and draftsmen in Contra Costa County.

CONTRACT AWARDED

LOS ANGELES, Cal. — Byerts & Dunn, 1131 N. Orange Grove Ave., awarded contract at $70,047 (using alternate bids), by Los Angeles Board of Education, for construction of a new building at the Canoga Park School site, located on the north side of Valario St., between Topanga Canyon and Vassar Aves., Sanoga Park. Will be 57x283 ft. in area; concrete walls, composition roofing, wood roof trusses. Sumner Spaulding, California Bank Bldg., Beverly Hills, Architect. C. G. DeSwarte, Structural Engineer.

Byerts & Dunn submitted following sub-contract bids with their general bid: Universal Window Co., Donovan windows and hardware, $714; Philip Friedman, miscellaneous iron and steed, $2540; Eugene Meloney, roofing, $4742; F. A. McKinley, painting, $1400 J. Herman Co., heating, $3763; Theo. Larsen, plumbing, $4725; W. E. Cooper Lumber Co., flooring, $1663; H. H. Walker, electric wiring, $3680 Pioneer Sheet Metal Co., sheet metal, $350; Probert Mfg. Co., Kalomine work, $525.

Plans Awaiting Approval.

SCHOOL Cost, $——

SAN FRANCISCO. Geary and Scott Streets.

Restoration of portion of Girls' High School (portion recently destroyed by fire).

Owner—City and County of San Francisco.

Architect—H. A. Minton, 525 Market St., San Francisco.

Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market St.

Final plans have been forwarded to Sacramento and upon approval bids will be asked.

Plans Awaiting Approvel.

SCHOOL Cost, $75,000

HEALDSBURG, Sonoma Co., Calif. Luce Estate Property (6.3 acres).

One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.

Owner—Healdsburg Grammar School District.

Architect—John I. Easterly, 302 Grant Street, Healdsburg.

Plans have been forwarded to Sacramento and upon approval bids will be asked.

CONTRACT AWARDED

LOS ANGELES, Cal. — Ralph E. Homann Co., 3720 Avalon Blvd., awarded contract at $44,883 by Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the south building at the Virgin Junior High School, located at First St. and Vermont Ave. A. S. Nibecker Jr., Architect, and C. J. Derrick, 502 Architects' Bldg., Structural Engineer.

LOW BIDDER

LOS ANGELES, Cal. — Monolith Constr. Co., 1698½ Cordova St., submitted low bid ot $161,161 to Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main and auditorium buildings, designated as group No. 1, at the Thomas A. Edison Junior High School, located on Hooper Ave., between 64th and 67th Sts. Walker & Eisen, Pacific Commerce Bldg., Architect, and Murray Erick, 811 W. 7th St., Structural Engineer.

BONDS SOLD.

SANGER, Fresno Co., Cal.—Sanger Union High School District sold bonds in the amount of $40,000 to Earl S. Carper of Fresno. Proceeds to finance construction of a one-story reinforced concrete gymnasium in Sanger for the Sanger Union High School District. Plans prepared by Architect W. D. Coates, 626 Rowell Building, Fresno.

LOW BIDDER

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, submitted low bid at $33,000 to the Los Angeles board of education for reconstruction, strengthening and rehabilitation of shop buildings at the John C. Fremont high school, 7676 S. San Pedro St. A. S. Nibecker, Jr., architect, and Geo. J. Fosdyke, 112 N. Main St., structural engineer.

BOND ELECTION

BERKELEY, Alameda Co., Cal. — Berkeley School District will hold an election on March 26th at which time they will vote bonds in the amount of $266,000 for rehabilitation of grammar schools and $234,000 for rehabilitation of high schools in Berkeley.

BONDS VOTED

FORESTVILLE, Sonoma Co., Cal. —Forestville School District, voted bonds in the amount of $3000 Feb. 5th Proceeds to finance construction of improvements at Forestville School now under construction. John I. Easterly, 302 Grant St., Healdsburg, architect.

Bonds Sold—Preparing Working Drawings.

SCHOOL Cost, $45,000

WARM SPRINGS, Alameda Co., Cal.

One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.

Owner — Warm Springs Grammar School District.

Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

16—BANKS, STORES AND OFFICES

Preparing Working Drawings

SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.

One-story reinforced concrete office building (60x138 feet).

Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).

Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Bids will be asked in about three weeks.

BIDS WANTED

SAN FRANCISCO.—Until Feb. 15, 1:30 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, City Hall, for basement shelving for the controller's office in the City Hall.

Specifications may be obtained from Charles Sawyer, City Architect, City Hall. No deposit required.

TO MAKE SURVEY

OROVILLE, Butte Co., Cal.—Architect Geo. Sellon, California State Life Bldg., Sacramento, will make a survey of the Butte County office buildings in Oroville, and make a report to the Board of Supervisors stating the necessary improvements.

Terra Cotta Bids Wanted.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif. SE Broadway and Thirteenth St.
Two-story steel and concrete office building (to contain 45,000 square feet of floor space).
Owner—Chas. Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent — Lionel Wachs Co., Bank of America Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
Bids are being received on terra cotta only at this time. Upon completion of plans sub-bids will be taken on other portions of the work.
As previously reported, wrecking awarded to Symon Bros. Wrecking Co., 22nd Ave. and E-14th St., Oakland; structural steel to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN JOSE, Santa Clara Co., Cal. San Fernando and Second Streets.
Alterations to business building.
Owner—Lion's Furniture Co., Premises.
Architect—Not Given.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Contract Awarded.
ADDITION Cost, $6000
OAKLAND, Alameda Co., Calif. 2101 Livingston Street.
One-story brick addition to building (add two rooms).
Owner—Sunset McKee Sales Book Co., Premises.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SAN JOSE, Santa Clara Co., Cal. 220 W. Santa Clara Street.
Alterations to business building.
Owner—Not Given.
Plans by SERA.
Work will be done by day's labor under the SERA.

Contract Awarded.
OFFICE BLDG. Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Westerly side El Camino Real at Stanford Avenue.
One - story reinforced concrete office building (45x75 feet) to contain 13 offices and clinic treatment facilities.
Owner—Dr. Granville Wood, 2265 El Camino Real, Palo Alto.
Architect—H. C. Collins, Decker Oak Bldg., Palo Alto.
Contractor—George Moore, 431 Stanford, Palo Alto.

Plans Being Completed.
OFFICE BLDG., ETC. Cost, $12,000
SACRAMENTO, Sacramento Co., Cal. Ninth and C Streets.
Two-story office building (40x50 feet) second floor for clubrooms, concrete exterior walls, concrete foundations, plaster and stucco interior, terra cotta tile roof, oil burner, hot air heating system, cement floors with mastipave on first floor, pine floors on second floor, etc.
Owner—Consumers Ice and Cold Storage Co. (Kenneth Melrose, Mgr.) Sacramento.
Architect—Dragon & Schmidts, 3016 Telegraph Ave., Berkeley.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Bids will be asked about Feb. 6.

To Ask Bids February 10.
ALTERATIONS Cost, $25,000
SAN FRANCISCO. 111 O'Farrell St.
Alterations and additions to present building for club.
Owner—Kohler & Chase, 30 O'Farrell Street (George O. Chase).
Architect—Fred H. Meyer, 525 Market Street.
Lessee—Town Club of San Francisco (W. O. Brown in charge) 111 O'Farrell Street.

Contract Awarded.
ALTER BLDG. Cost, $3000
STOCKTON, San Joaquin Co., Cal. No. 448 E-Market Street.
Alterations to building.
Owner—Antonio Costa, Premises.
Architect—Not Given.
Contractor—Wm. J. Scott, 1661 W. Poplar St., Stockton.

To Be Done By Day's Work.
STORE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 6750 Broadway Terrace.
One-story frame store building.
Owner and Builder—E. Campomenosi 6401 Broadway Terrace, Oakland.

Contract Awarded.
ALTER STORE Cost, $1500
SAN FRANCISCO. 136 Taylor Street.
Alterations to store building.
Owner—Dunne Estate, 333 Montgomery Street.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission Street.

Contract Awarded.
ALTER STORE Cost, $2500
SAN FRANCISCO. NW 26th and Mission Streets.
Alterations to store building.
Owner—Victor Mendez, 1172 Key Ave.
Architect—Not Given.
Contractor—J. E. Lester, 27' Lowell Street.

Contract Awarded.
COMPLETE BUILDING
Cont. Price, $286,240
SEATTLE, Wash. W. Third Avenue bet. Madison and Spring Sts.
Finish sub-basement, basement, first and second floors of City Light Bldg. (terra cotta exterior walls, reinforced concrete construction, plate glass, display windows, bronze trim, aluminum grilles, rolling steel doors, hydraulic elevator, etc.)
Owner—City of Seattle.
Architect — Earl Morrison, Textile Tower, Seattle.
Contractor—Sound Constr. & Engr. Co., Northern Life Tower, Seattle, Wash.

Contract Awarded.
ALTER BLDG. Cont. Price, 6999
SACRAMENTO, Sacramento Co., Cal. No. 1310 K Street.
Alterations to two-story frame building (buffet and restaurant on first floor, apartments on second floor)
Owner — Marion Babich, 2208 Third St., Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—Jul Johnson, 1923 17th St., Sacramento.
The low bidder, H. W. Robertson, requested to have his bid withdrawn and same was granted.

Contract Awarded.
ALTER STORE FRONT $——
SAN FRANCISCO. No. 243 Post St.
Alterations to store front (plate glass marble bulkhead, black marble, etc.)
Owner—Mercedes Building.
Architect—Williams & Grimes (Albert R. Williams, Architect, 251 Post St., San Francisco.
Contractor—Exposition Woodworking Co., 661 Golden Gate Ave., S. F.

Contract Awarded.
STORE Cost, $5000
FRESNO, Fresno Co., Cal. A and Fresno Streets.
One-story frame store building.
Owner—Mauro Piccoto and Pete Contino, 946 Fresno St., Fresno.
Architect—Not Given.
Contractor—Harry P. Nelson, 822 S-Fifth St., Fresno.

Sub-Contracts Awarded.
ALTER STORE Cost, $5000
SAN FRANCISCO. No. 895 Market Street.
Alterations to store building.
Owner—The Owl Drug Co., 657 Mission St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., San Francisco.
Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Marble—Elsele & Dondero, 2895 Third St., San Francisco.
Painting — Allied Painting Co., 150 South Park, San Francisco.
As previously reported, plastering awarded to San Francisco Plastering Co.; electric to Carl Severin, 172 Clara St.; lumber to J. H. McCallum Lumber Co., 748 Howard St.; plumbing to Fisher & Wolfe, 205 Tehama.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. NW Mission and Twenty-second Sts.
Alterations to restaurant.
Owner—John Foppiano, Premises.
Lessee — Brunswick Balke Collender Co., 980 Mission St., S. F.

Plans Completed.
ALTER OFFICES Cost, $2,000
SAN FRANCISCO. NW Beach and Jones Streets.
Alterations to offices.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTER STORE Cost, $4,000
SAN FRANCISCO. 133-135 Geary St.
Alterations to store building.
Owner—Moss Stores, Inc., 833 Market Street.
Engineer—Alfred P. Fisher, 111 Sutter Street.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Sub-Contracts Awarded
ALTERATIONS Cost, $4300
SAN FRANCISCO. No. 51 Stockton Street.
Alterations to store front (work involves glass, marble, electric work terrazzo, steel, etc.)
Owner—Fashion Bootery.
Plans by Owner.
Contractor—Louis C. Dunn, Monadnock Bldg. San Francisco.
Glass — Crowe Glass Co., 675 Golden Gate Ave., San Francisco.
Marble — Eastman Marble Co., 209 Mississippi St.
Electric — Severin Electric Co., 172 Clara St.
Terrazzo—Consolidated Terrazzo Co. Inc., 557 Market St.
Steel—Fair Mfg. Co., 617 Bryant St.
Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts.

Contract Awarded.
ALTER OFFICES Cost, $2000
SAN FRANCISCO. NW Beach and Jones Streets.
Alterations to office.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. A. Grant, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
ALTER STORE Cost, $4000
SAN FRANCISCO. 159 Montgomery.
Alterations to store building.
Owner—The Owl Drug Co., 657 Mission Street.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Building.
Hollow Tile—W. A. Ralney, 323 Clementina Street.
Plastering—San Francisco Plastering Company.
Electric—Severin Elec. Co., 172 Clara Street.
Cabinet Work—Fink & Schindler, 552 Brannan Street.
Painting—Allied Painting Co., 150 So. Park Street.
Rubber Flooring—Van Fleet Freear, 557 Howard Street.
Marble—Eastman Marble Co., 209 Mississippi Street.

NEW BIDS WANTED
OAKLAND, Alameda Co., Cal.—Until February 27, 8 P. M., new bids will be received by J. H. Kimball, Secretary, East Bay Municipal Utility District, 512 16th St., Oakland, for furnishing and installing, complete with all accessories, an automatic fire sprinkler system at the main building, located at 512 16th St., Oakland. Proposal No. L. S. 139.
Plans and specifications may be obtained from above office. On previous bid opening lowest bid was submitted by the Rockwood Sprinkler Co., 7 Front St., San Francisco, at $9875.
Complete bids published Jan. 25.

Plans Being Figured.
STORE Cost, $——
SAN MATEO, San Mateo Co., Calif. Third Street.
One-story reinforced concrete store building (2 stores) 50x70 feet; composition and tile roof, oak floors, etc.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St., San Francisco.
About one week will be allowed for figuring the plans.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SAN FRANCISCO. 2887 Bryant St.
Alterations to stores and flats.
Owner—Sam Martorana, 292 Precita Avenue.
Architect—Not Given.

Glass Contract Awarded.
REMODELING Cost, $8,000
SAN FRANCISCO. N Chestnut St. W Fillmore Street.
Remodel lower portion of apartments for three stores (work involves unit tile front, plate glass, chromium bars, electric heat, tile toilets, all metal furring and lathing, steel sash, wood flooring, hardwood in show windows, etc.)
Owner—Anglo California Bank.
Architect—S. Heiman, 605 Market St.
Contractor—Jacks and Irvine, 74 New Montgomery Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
As previously reported, plumbing awarded to E. Sugarman, 3624 Geary.

PLANS BEING PREPARED.
SAN DIEGO, Calif. — Architectural and engineering plans for the automobile exhibit building to be erected at the California-Pacific International Exposition in San Diego for the Ford Motor Company are being prepared in the architectural offices of the exposition under the direction of Richard S. Requia, supervising architect. Contracts for the construction work will be let from the exposition offices and will be awarded in sections as the plans progress. It is expected to have the reinforced concrete work ready for estimating about Feb. 8. Building will be circular in form, with approximately diameter of 350 feet, large patio in center. A tower on the entrance side will be 100 feet in diameter at the base and about 200 feet high. One-third of the building will have a basement for garage, storage purposes, heating system, electrical system, ventilating system and other services. The foundation, basement and entire main floor will be reinforced conc. construction and the tower will be structural steel. The rest of the building will be a combination of steel and wood frame construction. The exterior walls will have a cement stucco finish and the interior walls acoustical plaster. The entire main floor and platforms for exhibits will be furnished with mastic tile, manufactured by the Thomas Moulding Company of Chicago. Ford Motor Company will finance construction. Designs for the building were prepared by Walter D. Teague. All communications should be addressed to Mr. Requa, care of the California-Pacific International Exposition, Balboa Park, San Diego.

Contract Awarded.
ALTER STORE Cost, $2000
SAN FRANCISCO. SE Turk and Franklin Streets.
Alterations to store building.
Owner—Mrs. L. Hetty, 1700 10th Ave. San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

Planned.
BOWLING ALLEY $70,00 incl. equip.
FRESNO, Fresno Co., Cal. No. 1235-1245 Van Ness Ave. (near Merced Street).
One-story bowling and billiard parlor (12 bowling alleys and 14 billiard tables) fountain and lunch counter, air conditioning system, etc.
Owner—The Fresno Recreation Co. (Vincenz G. Hayes), Fresno.
Architect—Not Given.
Negotiations were completed through H. C. Offutt, 227 Glenn St., Fresno. The billiard tables will be furnished by Brunswick - Balke-Collender Co., 980 Mission St., S. F.

Plans Completed.
CAFE Cost, $——
FRESNO, Fresno Co., Cal. Van Ness Avenue.
New lounge cafe in the Californian Hotel (semi-circular bar, tables and counter stools, chromium lighting fixtures, decorating, etc.)
Owner — The Californian Hotel (H. Wingate Lake, President and Manager).
Architect—H. Raphael Lake, Pacific Southwest Bldg., Fresno.

17— THEATRES

CONTRACTS AWARDED
LAGUNA BEACH, Orange Co., Cal. —Smith Constr. Co., Box 512, Laguna Beach, awarded contract for construction of a reinforced concrete theatre and store building at 154 Coast Blvd., Laguna Beach, for Fred L. Audenkamp, Lynn Theatre, Laguna Beach. Will have a setting capacity of $800. Plans prepared by James Conway, 1142 Glendon Avenue, Westwood. Estimated cost, $50,000.

18— WHARVES & DOCKS

BIDS WANTED
SAN DIEGO, Cal.—Until February 13, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 7879, for alterations to the Marine Railway Cradle at the Naval Operating Base (Destroyer Base), San Diego.
The work consists of (a) the cutting and removal of two openings, opposite hand, in the wood deck at the outboard end of the cradle, between 27 and 28; (b) the removal and reinstallation of two present structural channels (mark DE3R and L); (c) the provision and installation of new structural channels and angles to support the new wood depressed floor at each of the openings; (d) the provision and installation of wood nailers, depressed deck plank, wood covers for openings and including lifting and locking appurtenances for the covers.
Plans and specifications obtainable from the above office upon deposit of $10.

Contract Awarded.
DOCK Cost, $170,000
PORTLAND, Oregon. McCormick Terminal Dock.
Construct dock (310x210 feet) one-story frame warehouse, metal covering, to contain offices, etc., sprinkling system, steel rolling doors, fire walls, asphalt plant flooring, etc.
Owner—Union Pacific Railroad Co.
Plans by Engineering Dept. of Owner
Contractor—George H. Buckler Co., Lewis Bldg., Portland.

19—MISC. CONSTRUCTION

To Be Done By Day's Work.
BINS Cost, $1500
SAN FRANCISCO. SE Sixth and Berry Streets.
Cement bins.
Owner — John Cassaretto Co., Sixth and Channel Sts., San Francisco.
Architect—Not Given.

Contract Awarded.
FUNERAL HOME Cost, $17,000
MARYSVILLE, Yuba Co., Cal. SW Ninth and D Streets.
Two-story frame and stucco funeral home (Colonial style) to contain 16 rooms, sound proofing, heating and air conditioning system, pipe organ, chapel to seat 175, slumber rooms, etc.
Owner — Hogle & Byrne, Inc., Yuba City.
Architect—Not Given.
Contractor—Chell & Triplett, 1202 H St., Marysville.
All local labor will be employed.

BIDS OPENING DATE POSTPONED
BAKERSFIELD, Kern Co., Cal.—Until February 18, 7:30 P. M., date postponed from Feb. 4), bids will be received by Marvin Davis, Clerk, Kern County Union High School Dist., Administration Bldg., Bekersfield, for demolition of the Commercial Building located on Block 362, bounded by F, 13th, G and 14th Sts., Bakersfield. Contractor is to build fence on north, south and west sides of building; all trees, sidewalks and curbs to be protected during work; steam mains, water pipes, gas lines and electric lines will be disconnected by the owner. Salvage material will go to the contractor. Foundation walls are to be taken out and lot cleared.
Bidder must submit Surety Bond.

BIDS WANTED
MARICOPA, Kern Co., Calif.—Until February 20, 7 P. M., bids will be received by C. B. Warner, Clerk, Board of Trustees, Maricopa School District, for the removal of the old Paleto School Building in Maricopa.

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Cal. —Until February 11, 9 30 A. M., bids will be received by S. A. Evans, City Clerk, for furnishing component parts of a radio transmitter for the City of Santa Cruz.

Specifications on file in the office of the City Clerk, City Hall, Santa Cruz.

PREPARING PLANS

TWENTY - NINE PALMS, Riverside Co., Cal.—W. A. Ayer, engineer, San Clemente, is preparing plans for a proposed civic center, playground and a swimming pool to be constructed at Twenty-nine Palms, for Ole Hanson and associates.

PLANNED

MONTEREY PARK, Los Angeles Co., Cal.—City Engineer C. E. Ellison this week submitted to Monterey Park City Council estimates of cost of a proposed new city hall and swimming pool to be built in Monterey Park. Cost of materials for the former la estimated at $16,000 and for the labor at $32,000; for the pool, materials and equipment, $55,000 and labor $60,000.

PERMIT APPLIED FOR

LOS ANGELES, Cal.—The Los Angeles Union Terminal Company, 726 N. Alameda St., applied for building permit to construct a reinforced concrete passenger subway and ramps for the new Union Passenger Terminal to be erected at 800 N Alameda Street. Plans prepared by the Engineering Department of the owner. A. J. Barclay, construction engineer, and S. V. Meigs, Assistant Const. Engr. and H. L. Gilman, structural engineer The subway will be 495 feet in length and overall sectional dimensions will be 33x19 feet. Estimated cost $150,000.

TO ASK FUNDS

SAN FRANCISCO—Directors of the Golden Gate Bridge & Highway District have authorized General Manager James Reed to file application with A. D. Wilder, State PWA Engineer, for a direct PWA grant to the War Department of $500,000 to be used in military betterments at the Presidio of San Francisco.

The work will include the removal of buildings and railroad, and replacement; new quarters; new shops, warehouses, magazine, electrical work and grading and paving.

BOND ELECTION

HAYWARD, Alameda Co., Calif.—City of Hayward will hold an election February 18, at which time bonds in the amount of $57,000 will be voted to finance construction of a reinforced concrete natotorium in Memorial Pk., Hayward.

Plans prepared by Architect James T. Narbett, 466 1st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward, associated.

PWA is making an outright grant of $15,000.

BIDS OPENED

LOS ANGELES, Cal.—Commercial Electric Co., 616 W. 9th St., Los Angeles, submitted low bid to the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, at $1920 for constructing a 6900-volt transmission line, 4.4 miles in length, to supply power for deep well pumping plants at the San Xavier Indian Reservation, 10 miles from Tucson, Arizona. Materials to be furnished by the government. F. P. No. 200. Bid No. 0122. All bids received January 22 were rejected. Bennett-Forsberg Co. submitted the only other bid at $1993.

To Be Done By Day's Work.

SANITARY BLDGS. Cost, $——
ALAMEDA COUNTY, Calif.
Group of 300 sanitary buildings on various ranches in Alameda Co.
Owner—County of Alameda.
Plans by Engineering Dept. of Owner.
Labor will be furnished by SERA and necessary materials will be purchased by the County.

BIDS WANTED

BOULDER CANYON, Nev.—Until February 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 612 for furnishing and installing two 4000 lb. capacity and two 5000 lb. capacity automatic electrically-operated passenger elevators, with total lifts of 117.5 feet and 528.33 feet respectively, in the Boulder Dam and Power Plant, Boulder Canyon Project, Arizona-California-Nevada.

Specifications obtainable from the Bureau of Reclamation at Boulder City, Nevada; Denver, Colorado, or Washington, D. C., without charge to prospective bidders, to others $1, not returnable.

PREPARING PLANS

OAKLAND, Cal. — SERA has approved project sponsored by Oakland Port Commission for preparation of sketches and preliminary plans for a proposed yacht harbor. Port Manager, A. H. Abel and R. M. Taylor chairman of chamber of commerce yacht harbor committee, will supervise.

FUNDS ALLOTTED.

KLAMATH PROJECT, Ore.—Federal Public Works Administration has allotted $36,000 to the Bureau of Reclamation, Department of the Interior, to complete the Klamath Project in Oregon.

CONTEMPLATED

BERKELEY, Alameda Co., Calif.—City Engineer Harry Goodridge has prepared preliminary plans for an aquatic park to be created along the Berkeley waterfront between University avenue and Ashby avenue. The park would be developed in conjunction with construction of the east bay shore highway forming tthe north approach to the Bay Bridge. The site is 6200 feet long and varies in width from 600 to 2000 feet. Water depth would be controlled by tide gates installed along the highway right-of-way.

20— MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED

BERKELEY, Cal.—Berkeley Board of Education awarded a contract at $251.55 to the Chas. S. Hughes Co., 1001 Ashby Ave., Berkeley, for furnishing fine aggregate and awarded a contract to Rhodes Jamieson, Ltd., Standard and Weber Sts., Oakland, at $348.30 for furnishing course aggregate for the Berkeley School Department.

1935:

(a) Top gravel in car lots, fob spur track, Florida St. and Treat Ave., $1.35 per ton;
(b) Top gravel, fob contractor's bunkers, $1.60 per ton;
(c) Concrete mixed rock, fob contractor's bunkers, $1.60 per ton;
(d) Gravel for Topeka type pavement, fob Municipal Asphalt Plant, $1.35 per ton;
(e) Sand, coarse; fob spur track, Florida St. and Treat Ave., $1.35 per ton;
(f) Sand, fine; fob spur track, Florida St and Treat Ave., $ 90 per ton;
(g) Sand, white, fresh water washed, dried, prices shown with bidder

The bidders were:

California Rock & Gravel Co., bidding on items (a) (d) (e) and (f)

San Francisco Gravel Co., (b) and (c).

Atlas Olympia Co. of California (f).

Basalt Rock Co., Inc., (a) (d) (e) and (f).

San Francisco Materials Co., (a) to (e) inclusive, (g) at $8.75; (g-alt.) $7.50.

Eclipse Lime & Cement Co.: (c), (f) at $1.00, and (g) at $8.75, (g-alt.) $7.00.

Kaiser Paving Co.: (a) (d) (e) and (f).

Bode Gravel Co.: (a) to (f) inclusive and (g) at $8.75.

Central Supply Co.: (a) to (e) inclusive and (g) at $8.75; (g-alt.) $7.50.

Golden Gate Atlas Materials Co.: (a) to (e) inclusive and (g) at $8.75 (g-alt.) $7.50.

Ready Mix Concrete Co., Ltd., (a) to (e) inclusive and (g) at $8.75; (g-alt.) $7 50.

Pacific Coast Aggregates, Inc.: (a) (d) (e) and (f).

John Cassaretto Co.: (a) to (e) inclusive and (f).

Bids held under advisement.

BIDS OPENED.

LOS ANGELES, Cal. Bids for furnishing poles under Bid No. DPM 736 were opened by the U S. Forest Service, 751 S. Figueroa St., Los Angeles, January 30. Bids were taken as follows:

(1) 350 20-ft. Douglas fir poles;
(2) 150 25-ft. Douglas fir poles.

The bids were:

Westinghouse Electric Supply Co.: (1) $1.78, 259 lbs. each; (2) $2.36, 362 lbs. each. Shipping point, Oil Springs Texas; Southern pine.

Texas Creosoting Co.: (1) $2.39, 90,650 lbs. total weight; (2) $3.32, 54,300 pounds, total weight. Shipping point, Orange, Texas; Southern pine.

James L. Hall, $2.79, 210 lbs. each; (2) $3.90, 310 lbs. each. Shipping pt., The Dalles, Ore.; Douglas fir.

E. K. Wood Lumber Co.: (1) $3.15, 256 lbs. each; (2) $4.25, 363 lbs. each. Shipping point, Los Angeles Harbor; Douglas fir.

National Lumber Creosoting Co.: (1) $2.66, 107,100 lbs. total weight; (2) $3.64 each, 62,700 lbs. total weight. Shipping point, Houston, Tex.; Southern pine.

Joslyn Co. of California: (1) $2.10, 98,000 lbs. total weight; (2) $2.80, 56,250 lbs. total weight. Shipping point, Wingfield, La.; Southern pine.

Graybar Electric Co.: (1) $2.39, 90,650 lbs. total weight; (2) $3.32, 54,300 lbs. total weight. Shipping point, Kildare and Lodi, Tex.; Southern pine.

Howard W. Baxter: (1) $4; 240 lbs. each;, (2) $5.35, 300 lbs. each. Shipping point, Wilmington; Douglas fir.

J. H. Baxter & Co.: (1) $4; 87,500 lbs. total weight; (2) $5, 52,500 lbs total weight. Shipping point, Long Beach; Douglas fir.

General Electric Co.: (1) $2.12, 79,100 lbs. total weight; (2) $2.94, 47,400 lbs. total weight. Shipping point, De Ridder or Shreveport, La., Southern pine.

Consolidated Lumber Co.: (1) $3.10, 84,000 lbs. total weight; (2) $4, 51,750 lbs. total weight. Shipping point, Seattle, Wash.; Douglas fir.

Chas. R. McCormick Lumber Co: (1) $4.10, 95,250 lbs. total weight, (2) $5.55, 48,750 lbs. total weight. Shipping point, Wilmington; Douglas fir.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

WHITMAN COUNTY, Wash.—Until February 19, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing about 1.9 miles, constructing a treated timber trestle 51 feet long and a treated pile and timber overcrossing wih a 60-foot steel span, both with concrete deck on the Inland Empire Highway-Easter Route, Oakesdale South, U. S. P. W. Project No. NRS-213-A, in Whitman County. The work involves about 56,670 cubic yards of excavation, 12,090 cubic yards of crushed stone surfacing material, 235 cubic yards of concrete, 36,620 pounds of reinforcing steel, 26,200 pounds of structural steel, 77 M.B.M. timber and plank (treated), 2120 lineal feet of treated piling, 901 lineal feet of pipe culverts and other items.

Plans and specifications obtainable from above office upon deposit of $2.

BIDS WANTED

SNOHOMISH COUNTY, Wash.—Until February 19, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for constructing a bridge over Ebey Slough, between Everett and Cavalero's Corner on State Road No. 15, consisting of 6282 lineal feet of treated pile and timber trestle, a 240-foot steel span with 210 feet of concrete approaches, and the paving with Portland cement concrete and asphaltic concrete of the Cavalero's Corner intersection, U. S. P. W. Project No. NRS-189-C, in Snohomish County. The work involves about 9,280 cubic yards of excavation and gravel borrow; 4760 cubic yards of concrete; 691,460 pounds of reinforcing steel; 455,000 pounds of structural steel; 1292 M.B.M. treated timber and plank 107,225 lineal feet of treated piling; 817 square yards of Portland cement concrete; 58 tons of asphaltic concrete; 365 lineal feet of pipe culverts an other items.

Plans and specifications obtainable from above office upon deposit of $2.

APPLICATION DENIED.

STANISLAUS COUNTY, Cal.—Captain J. G. Drinkwater, U. S. District Engineer, Sacramento, has denied application for a permit to construct a combination pile bridge and weir dam on the San Joaquin river near Patterson. County Surveyor George Macomber has been advised that a draw span will have to be included in the plans before the project can be approved. The Government stipulation will raise the cost of the bridge to approximately $100,000. The original structure contemplated was estimated at $20,000, to be financed jointly by the County and the Patterson Water Company. Increased cost will delay the project indefinitely.

CONTRACT AWARDED

UNION COUNTY, Oregon.—R. F. Nichol, Vale, at $21,930 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for the construction of a concrete bridge over the Grande Ronde River on the Wallowa Lake Highway at Elgin, Union County, U. S. P. W. Project NRM H-5.

Complete bids follow:

R. F. Nichol, Vale	$21,930
Barham Bros., Salem	24,015
C. J. Montag & Sons, Portland	25,850
Geo. F. Price, Dayton, Wash.	25,920
J. F. Johnston, Newberg	26,730

CONTRACT AWARDED.

MULTNOMAH COUNTY, Oregon.—Joplin & Eldon, N. Columbia Blvd. at Peninsular, Portland, at $46,917 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for the construction of a bridge with composite pile trestle approaches over Columbia Slough on Vancouver Avenue outside the north city limits of Portland, U.S.P.W. Project NRS 250.

Complete bids follow:

Joplin & Eldon, Portland	$46,917
C. J. Montag & Sons, Portland	50,407
Parker Schram, Portland	53,322
Hoffman Const. Co., Portland	53,392
Portland Dredging Co.	54,918
Norhwest Roads Co., Portland	55,871
F. J. Kernan, Faloma	56,676
Puget Sound Bridge & Dredging Co., Seattle	60,031

CONTRACT AWARDED.

JOSEPHINE COUNTY, Ore.—Tom Lillebo, Reedsport, at $43,442 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for the construction of a steel bridge with composite pile trestle approach over Applegate river on Williams Sec'dary Highway approximately 7½ mi. south of Grants Pass, U.S.P.W. Proj. NRS 244; and the construction of a concrete bridge over Grays Crek on Williams Secondary Highway, approximately 9 miles south of Grants Pass, in Josephine County.

Complete bids follow:

Tom Lillebo, Reedsport	$43,442
C. J. Montag & Son, Portland	44,529
Mt. State Const. Co., Eugene	45,841
J. W. & J. R. Hillstrom, Marshfield	46,921
Curis-Gardner, Portland	48,414
Shattuck & Neland, Portland	48,659
Hoffman Const. Co., Portland	48,935
Puget Sound Bridge & Dredge Co., Seattle	61,611

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

CONTRACT AWARDED.

MORROW COUNTY, Calif.—O. N. Pierce, 1300 N.E. Union, Portland, at $13,298 awarded contract by the Oregon State Highway Commission, Portland, January 31, for the construction of a concrete bridge over Rhea Creek approximately 11 miles south from Heppner on the Wasco-Heppner Secondary Highway, and the grading and surfacing of approximately 500 feet of approaches thereto, in Morrow Co., U.S.P.W. Project NRS 246.

Complete bids follow:

O. N. Pierce, Portland	$13,298
R. F. Nichol, Vale	15,102
Averill & Philpott, Portland	15,641
J. F. Johnston, Newberg	16,044
Barham Bros., Salem	17,378

CONTRACT AWARDED

COOS COUNTY, Oregon—Barham Bros., Salem, at $24,353 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for the construction of a concrete bridge over the Southern Pacific Company's tracks on the Oregon Coast Highway at North Bend, Coos County, U.S.P. W. Project NRM 41-E. Complete bids follow:

Barham Bros., Salem	$24,353
T. Lillebo, Reedsport	24,932
C. J. Montag & Sons Portland	26,357
Averill & Philpott, Portland	27,052
Coos Bay Constr. Co., Portland	27,199
Mt. Shasta Constr. Co. Eugene	28,198
J. W. and J. R. Hillstrom, Marshfield	29,718
Northwest Rds. Co., Portland	33,736

CONTRACT AWARDED

LEWIS COUNTY, Wash.—Joplin & Eldon, Columbia Blvd. at Peninsular, Portland, at $54,355 awarded contract by the Bureau of Public Roads, Portland, for the construction of a three-span continuous reinforced concrete bridge over Laughing Water Creek, Mt. Rainier National Park, Lewis County.

BIDS WANTED.

ALAMEDA COUNTY, Calif.—Until February 21, 10:30 A. M., lump sum bids will be received by the Alameda County Board of Supervisors for placing steel sheet piling surrounding the Oakland and Alameda underwater pits. Estimated cost, $15,000.

Plans and specifications obtainable from the County Clerk's office upon deposit of $25.00.

BIDS OPENED

FRESNO COUNTY, Cal. — Parish Bros., 1222 N. Gower St., Hollywood, at $5211 submitted low bid to the Department of Public Works, Division of Highways, R. M. Gillis, District Engineer, Fresno, for removal and disposal of an existing bridge and the construction of a new bridge consisting of four 19-ft. 0-in. timber stringer spans, about 1.6 miles south of the westerly county boundary.

Rexroth & Rexroth, Bakersfield, at $5488 submitted the only other bid.

COMPLETE BID LISTING

FRESNO CO., Cal.—Parish Brothers 1222 N. Gower St., Hollywood, at $5,211 (as previously reported) submitted low bid to the Department of Public Works, Division of Highways, R. M. Gillis, District Engineer, Fresno, for removal and disposal of an existing bridge and the construction of a new bridge consisting of four 19-ft. timber stringer spans, about 1.6 miles south of the westerly county boundary. The work involves:

(1) Lump sum, remove the existing bridge;
(2) 1140 l.f. piles;
(3) 67 piles in place;
(4) 30 MBM DSA1S redwood;
(5) 8 MBM SA1S redwood.

Total bids follow:
(A) Parish Bros., Hollywood $5,211
(B) Rexroth & Rexroth, Bakersfield 5,488

Unit bids follow:

	(A)	(B)
(1)	$60.00	$100.00
(2)	.50	.50
(3)	23.00	20.00
(4)	82.00	95.00
(5)	90.00	92.00

Bids held under advisement.

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED

PORTLAND, Ore. — Winston Bros. and Guy F. Atkinson, Porter Building, Portland, at $1,493,535 awarded contract by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 35-374, for repairing the South Jetty at the mouth of the Columbia river, Oregon and Washington.

ALLOTMENT REDUCED

MARTINEZ, Contra Costa Co., Cal —A $50,000 loan and grant from the PWA for harbor and pier improvements at Martinez, has been changed to a grant of $14,400

BIDS OPENED

LAFAYETTE, Oregon—William C. Schmitt, Foot of Knott St., Portland, at $5250 submitted low bid to he U. S. Engineer Office, 306 Customhouse, Portland, February 1, under Bid No. 35-409, for removing existing miter sills and lock gates and construction and installation of new miter sills and lock gates at Yamhill Lock on Uamhill River, near Lafayette, Oregon.

Portland Dredging Co., Portland, at $6700 submitted only other bid. Engineer's estimate, $5986.

CONTRACT AWARDED.

OAKLAND, Cal.—Pacific Bridge Co., Fort Point, San Francisco, at $2,800 submitted low bid and awarded contract by the City of Oakland Port Commission, for dredging approximately 10,000 c.y. of material at the foot of Market St., Oakland.

American Dredging Co., San Francisco, at $4,700 submitted the only other bid.

BIDS OPENED.

SAN DIEGO, Cal.—Standard Dredging Co., 325 Central Bldg., Los Angeles, submitted the low bid to the U. S. Engineer, 751 S. Figueroa St., Los Angeles, February 1 at $11 per hour, making for 40 borings in San Diegn Bay. Approximately 100 hours time required. The other bids were:

E. C. Lipscomb and Ed. Barclay, $17.50 per hour.

Robt. T. Dawson, $18.25 per hour.

Canon Bros., $50 per boring.

BIDS OPENED.

SAN FRANCISCO. — Identical low bids at 11c per c.y. total $770, were submitted by the Dutton Dredge Co., Ltd., 690 Mills Bldg., San Francisco, and A. S. Dutra, 255 California St., to the Public Utilites Commission, City Hall, under Airport Contract No 35, for dredging channel for levee for extension of landing field at the San Francisco Airport, involving approximately 7,000 c.y. channel dredging.

Healy-Tibbitts Const. Co., 64 Pine Street, at 38c per c.y., total $2,660, submitted the only other bid.

Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO.—Following bids received by the Department of Public Works, City Hall, for removal of a landslide on Bay Shore Blvd. approximately 100 feet northerly from Hester Avenue, involving the removal of approximately 700 c.y. of material:

Truck Contracting & Equipment Co. 220 Syndicate Bldg., Oakland, $0.60 per cubic yard.

Sibley Grading & Teaming Co., San Francisco, $500.

M. Bertolino, San Francisco, $645.

Bids held under advisement.

NO BIDS RECEIVED

NEWPORT BEACH, Cal.—No bids were received by the Newport Beach City Council for the construction of a wooden bulkhead and appurtenances adjacent and contiguous to the east line of Block P Tract No. 518, entrance to Newport Harbor; 1911 Act. New bids will be called for at a later date. The bids will be taken on two types, viz:

(1) 323 ft. Section "A" wooden bulkhead;
(2) 252 ft. Section "B" wooden bulkhead.

The work will involve:

(1) 65,000 B. ft. 4x12 T&G creosoted sheet piling;
(2) 5400 B. ft. 6x8 T&G creosoted sheet piling;
(3) 1100 lin. ft. 12-in. T&G creosoted piling.

R. L. Patterson is city engineer.

23— IRRIGATION PROJ.

BIDS WANTED

TURLOCK, Cal.—Until Feb. 18, 2:30 P. M., bids will be received by Turlock Irrigation District directors for concrete ditch lining in Improvement District No. 119. Estimated cost $3,-338.

BIDS RECEIVED

TURLOCK, Cal. — Ed Erickson, at $6642.50 and $6683.03 (alternate) submitted low bid to Turlock Irrigation District directors for concrete ditch lining in Improvement District No. 116. Bids held under advisement.

PROJECT APPROVED

SAN JOAQUIN COUNTY, Cal.—SERA has approved project for expenditure of $12,285 in cleaning and repairing 77,121 feet of canals and ditches in Island Reclamation District, Pescadero Colony.

FORCE ACCOUNT

SANTA CLARA COUNTY, Calif.—The Federal Public Works Administration has authorized Santa Clara Valley Water Conservation District to expend $30,500 for the construction by day labor of small water conservation projects in the district. The work will be supervised by the district engineers. Included among the projects are: Extension of Page ditch; construction of three small dams in San Tomas Creek; diversion ditch in Campbell Creek; extension of the old Sorosis ditch system, including five new ditches; extension of existing percolation ditch over Prospect Road; percolating dam on Permanente Creek etc.

Fred H. Tibbetts, Alaska Commercial Bldg., San Francisco, is the district engineer.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho —George B. Hendy, Nyssa, Oregon, at $21,502 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 644-D, for construction of earthwork and structures, North Canal Laterals, Mitchell Butte Division, Owyhee Project.

BIDS WANTED

FAIRFIELD, Montana—Until February 28, 10 A. M., bids will be received by the Bureau of Reclamation, Fairfield, Montana, under Spec. No. 611, for the construction of earthwork and structures for open drains, Greenfields Division, Sun River Project, near Fairfield, Montana.

The principal items of work involved are:

(1) 660,000 cu. yds. excavation for drains;
(2) 1400 cu. yds. excavation for structures;
(3) 19,000 cu. yds. backfill about struc.
(4) 160 cu. yds. concrete in structures
(5) Placing 12,000 lbs. reinforcement bars;
(6) Laying 1200 lin. ft. 18-in. to 30-in. diameter concrete pipe;
(7) Laying 5200 lin. ft. 15-in. to 30-in. corrugated metal pipe.

Plans and specifications obtainable fgrom the Bureau of Reclamation at Fairfield, Montana; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others $1, not returnable.

24— STREET LIGHTING SYSTEMS

CONTEMPLATED.

FALLON, Nevada.—Property owners are circulating a petition asking the city council to provide a boulevard lighting system along East street and Stillwater avenue.

25—MACHINERY AND EQUIPMENT

BIDS OPENED.

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., January 28, under Spec. No. 648-D, for furnishing bulkhead gates for turbine draft tubes for the Boulder Canyon Project:

American Bridge Co.,* Denver, Colorado, (Item 1) $17,629; (Bid Item 2) $1,164; (Item 3) $1,675.

Treadwell Const. Co.,* Midland, Pa. $15,480; $1,010; $1,408.

St. Paul Foundry Co., St. Paul, Minn., $14,192; $990; $1,553.

Judson Pacific Co.,* San Francisco, $22,139; $1,418 ,$2,362.

Milwaukee Bridge Co.,* $15,500; $1,-150; $1,716.

Lakeside Bridge & Steel Co.,* Milwaukee, Wis., $11,931; $984; $1,458.

Minneapolis - Moline Power Implement Co.,* Minneapolis, $15,000; $1,100; $1,700.

McClintic Marshall Corp., Chicago, $14,320; $1,133; $1,413.

Reuter Bros., Iron Works, Inc., Chicago, $18,800; $2,050; $1,150.

Drave Contracting Co.,* Pittsburg, Pa., $14,950; $1,200; $1,780.

Midland Structural Steel Co.,* Cicero, Ill., $15,540; $1,200; $1,525.

Duffin Iron Co.,* Chicago, $15,000; $1,045; $1,585.

Virginia Bridge & Iron Co., Roanoke, Va., $11,988; $795; $1,404.

Consolidated Steel Corp., Ltd., Los Angeles, $13,387.40; $1,056.84; $1,879.35.

The Ingalls Iron Works Co.,* Birmingham, Ala., $17,900; $1,250; $1,750.

Independent Bridge Co., Pittsburg, $14,240; $900; $1,600.

link Belt Co., Chicago, $15,779; $1,-293; $1,934.

Chicago Bridge & Iron Works,* Chicago, $17,710; $1,500; $2,440.

Kansas City Structural Steel Co.,* Kansas City, Kansas, $13,293; $1,357; $883.00.

Mississippi Valley Structural Steel Co., St. Louis, $11,040; $794; $1,158.

John W. Beam, Denver, Colo., $12,-000; $775; $1,200.

*Price fob Boulder City.

BIDS OPENED

SAN DIEGO, Cal. — Killefer Mfg. Corp., Ltd., 574 6th St., San Francisco, at $1530, 5% 20 days; delivery at once, submitted low bid to the State Purchasing Agent, Sacramento, under Quotation 26606, Req. 1087, for furnishing one pneumatic - tired, heavy-duty disc scarifier, and one set of extra discs for same. Delivery f. o. b. Division of Highways, Shop 11, San Diego

Sacramento Tractor & Equipment Co., submitted only other bid at $1922.50, 2% 20 days; 15 days delivery, plus tax.

BIDS OPENED.

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, February 1, for furnishing and delivering 4 only cage and skip combinations, each complete with dumping cradles and two sets of landing dogs. The bids were taken as follows:

(a) fob Lone Pine;
(b) fob bidder's shipping point.

Allis-Chalmers Mfg. Co., (a) $3145 each; (b) $2940 each. Shipping point, Milwaukee, Wis. Shipping weight, eight 11,600 lbs. Terms net.

Joshua Hendy Iron Works, (a) no bid; (b) $1122 each. Shipping point, Sunnyvale, Calif. Shipping weight 9-930 each. Terms net.

BIDS OPENED

MARIN COUNTY, Cal.—Following bids received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, January 29, for the rental of one pneumatic tired dump truck, chassis weight not less than 2800 lbs., body capacity not less than 1½ cu. yds., for approximately 500 hours, to be used in Marin County. (a) hand loading; (b) power loading:

(a) $1.44; (b) $1.65; Louis Lambretti, Mill Valley.

(a) $1.50; (b) $1.73: W. E. McMahon, Kenwood.

(a) $1.50; (b) $1.75: H. A. Cunningham, San Jose.

(a) $1.50; (b) $1.77: C. H. Sperring, Whittier; Gary Starkenburg, San Bernardino; Rock & Gravel Truck Co. Oakland; Walter L. Morgan, Pasadena; S. N. Epperson, Woodland; E. Della Rosa, Martinez; P. L. Wiersma, Oakland; J. F. Nensen, Pasadena; G. J. Frates, Oakland; H. L. Miller, Oakland; F. D. Needham, Pasadena; Jesse Askey, San Bernardino; N. P. Van Volkenberg, Los Angeles.

(a) $1.64; (b) $1.91: W. W. Hickish, Oakland; Truck Constr. & Equip. Co. Oakland; K. P. Lancaster, Los Angeles; D. T. La Paugh, Oakland; E. M. Roach, Oakland; H. K. Smith, Roscoe; L. M. Clough, Oakland; P. J. Triplett, Oakland; A. Cozzens, Oakland; J. A. Chamberlain, Van Nuys; F. Mullineaux, Oakland; Hayward Bldg. Supply, Hayward; Roy Thompson, Oakland; J. Alexander & Co. Oakland; Fae Erickson, Oakland; Max Rosenberg, San Francisco; Walter Ryalo, Pasadena; A. Texeira, Oakland; L. A. Herlyck, Los Angeles, Lloyd Burkholder, Oakland; A. O. Johnson, San Bernardino; Ware Bros. San Bernardina; J. Starkenberg, Los Angeles; H. G. Miller, Oakland; Bruno Skibo, Oakland; J. T. Thornton, Fairfax; V. S. Boren, Hollywood; Hayward Bldg. Material Co., Hayward; Perry Brown, Alameda; R. B. Harvey, Oakland; F. W. Totten, Oakland; L. Green, Oakland; H. E. Von Kruze, Monte Rio; M. L. Puerta, Oakland; M. Bertolino, San Francisco Joe Cunha, Hayward; A. L. Philbrick, Oakland; H. G. McKenzie, San Bernardina; R. H. Wood, Oakland; N. H. Reynolds, Alameda; L. Dorton San Bernarino; Fred McCoy, Downey A. Wallgren, San Francisco; Jack Leonard, Oakland; H. J. Currier, Marysville; H. O. Claybrook, Pasadena; Daniel Gallagher, San Francisco A. A. Abercrombie, Whittier; F. M. Ensign, Mission San Jose; E. E. Meyers, Chico, and R. L. Miller, Oakland.

(a) $1..64; (b) $1.95: Burkholder & Miller, Oakland.

(a) $1.67; (b) $1.74: Glendale Truck Co., Pasadena.

(a) $1.75; (b) $1.90: E. W. Ruhl, Corte Madera.

(a) $3.00; (b) $3.25: Mike Malftano Pittsburg.

R. G. Weir, Biggs, bid code price on both (a) and (b).

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing and delivering two only electrically-driven mine hoists under Specification No. 1580. The items were:

(1) for fuprnishing 2 electrically-driven mine hoists;
  (a) f.o.b. cars bidder's shipping point;
  (b) f.o.b Lone Pine;
(2) for furnishing and delivering one electrically-driven mine hoist in lieu of the two hoists listed above;
  (a) f.o.b. bidder's shipping point;
  (b) f.o.b. Lone Pine.

The bidders were:

(A) Hendrie & Bolthoff Mfg. & Supply Co. — Terms net. Add $969 each for post brake. Bidders shipping point, Denver, Colo.
(B) Washington Iron Works—Discount, ½% 20 days. Shipping point, Seattle, Wash.
(C) Allis-Chalmers Mfg. Co.—Terms net. Shipping point, West Allis, Wis.
(D) Ottumwa Iron Works — ½% 20 days. Shipping point, Ottumwa, Iowa.
(E) Vulcan Iron Works — Discount ½% 20-30 days date shipment. Shipping point, Wilkes-Barre, Pa. Westinghouse equipment.
(F) Same as (E), quoting on G, E, equipment.
(G) Hardle-Tynes Mfg. Co.—½% 10 days. Shipping point, Birmingham, Ala.
(H) Norberg Mfg. Co.—Terms net. Shipping point, Milwaukee, Wis. Bidding on Westinghouse equipment.
(I) Same as (H), bidding on G. E. equipment.
(J) Brown-Bevis Equipment Co.—Terms net. Shipping point, Elizabeth, N. J.
(K) A. C. Denman, receiver for Western Enterprise Engine Co.—Discount, 2% 30 days. Shipping point, Los Angeles.

The bids were:

	(1)		(2)	
	(a)	(b)	(a)	(b)
(A)	$30,110	$.....	$15,486	$.....
(B)	30,000	31,660	15,500	16,330
(C)	29,200	31,850	15,025	16,350
(D)	24,750	26,800	12,625	13,650
(E)	26,118	28,518	13,359	14,659
(F)	26,562	28,962	13,581	14,781
(G)	26,000	27,368	13,300	13,980
(H)	25,608	27,128	12,996	13,756
(I)	25,565	27,085	12,975	13,735
(J)	25,656	29,700	14,103	15,130
(K)	28,800	29,450	15,400	15,750

CONTRACT AWARDED

SUMMIT, Canal Zone—Industrial Piping & Engineering Co., 1620 Court Square Bldg., Baltimore, Md., at $18,-949 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7800, for motor and hand-operated winches for antennas at the Naval Radio Station, Summit, Canal Zone.

30—RESERVOIRS & DAMS

LOW BIDDER

TACOMA, Wash. — Puget Sound Machinery Depot, 322 First St. South, Seattle, at $501,305 (on Proposition 4, all steel pipe) submitted low bid to the Board of Contracts & Awards, City Hall, Tacoma, for the reconstruction of about nine miles of the Green River Gravity Pipe Line, from the intersection of Collins and Meridian roads to a junction with the old line a South 64th Street and Park Avenue, Tacoma.

The work includes furnishing and installing 10,777 feet of 42-in. steel or iron pipe, and 34,091 feet of 54-in. steel, iron or concrete pipe.

Complete bids will be published shortly.

LOW BIDDERS

DUCHESNE, Utah.—T. E. Connolly, 461 Market St., San Francisco, at $547.221 submitted low bid to Bureau of Reclamation, Salt Lake City, Feb. 4, under Spec. No. 605, for the construction of the Moon Lake Dam, Moon Lake Project, Utah. The work is located near Duchesne, Utah.

Winston Brothers Co., Minneapolis, Minn., at $579,922 submitted the second low bid.

Third low bid was submitted by W. W. Clyde & Co., Springville, Utah at $585,419.

TIME EXTENDED.

SAN FRANCISCO—Board of Supervisors has extended time limit sixty days for Public Utilities Commission to accept the low bid and award a contract for raising O'Shaughnessy Dam of the Hetch Hetchy Water Project. Extension was allowed to permit further negotiation with PWA officials for financing the contract. Transbay Construction Co., Pier 24, San Francisco, submitted low bid Jan. 24 at $3,219,965.

31—PIPE LINES & WELLS

CONTRACT AWARDED.

OAKLAND, Cal.—Pacific Bridge Co., Fort Point, San Francisco, at $12,697 awarded contract by East Bay Municipal Utility District for the installation of approximately 484 l.f. of 20-inch flanged pipe with ball and socket joints (pipe and fittings furnished by the District).

CONTRACT AWARDED

CLARK COUNTY, Nevada.—Silver State Const. Co., Fallon, at $7,946 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, S. C. Durkee, State Highway Engineer, for the construction of a pipe line and tree pits in Clark County, Route 6, Section C2, a length of 1.64 miles.

W. J. Rhoads, Las Vegas, Nevada, at $9,482.96 submitted second low bid.

CONTRACT AWARDED

CLARK COUNTY, Nev.—Joe Evans, Las Vegas, at $2,404 submitted low bid and awarded contract by Nevada State Highway Directors, Carson City, S. C. Durkee, State Highway Engineer for drilling a water well for irrigation purposes in Clark County, 1.7 miles south of Las Vegas city limits, Route 6, Section C2. The work consists of drilling the water well with casing ready for pump installation.

COMPLETE BID LISTING

TACOMA, Wash.—Puget Sound Machinery Depot, 322 First South St., Seattle, at $501.305 (Proposition 4),

as previously reported, submitted low bid to Board of Contracts & Awards, City Hall, Tacoma, for the reconstruction of about nine miles of the Green River Gravity Pipe Line, from the intersection of Collins and Meridian roads to a junction with the old line at South 64th St. and Park Avenue, Tacoma.

Bids were taken as follows:

Proposition 1: Section N, stl or iron, 42-in. pipe.

Prop. 2: Section G and M, south, stl or iron, 42- and 54-in.

Prop. 3. Section N and M north, stl or iron, 42- and 54-in.

Prop. 1: Section N and M (all).

Prop. 5: Section M south, lock joint, 54-in. concrete.

Prop. 6: Section M north, lock joint, 54-in. concrete.

Prop. 7: Section M, all 54-in. conc.

Bids were received on the following alternates: (a) exclusive of coating; (b) Type A coating; (c) Paint coating.

Complete bids follow:

Puget Sound Machinery Depot, Seattle: Prop. 1 (a) $98,749.75; (b) $124,597.75; (c) $108,011.91; Prop. 2 (a) $243424.75; (b) $325,438.91; (c) $262,570.03. Prop. 3 (a) $359,019.75; (b) $450,116.03; (c) $385,947.73. Prop. 4 (a) $501,305.70; (b) $628,708.42; (c) $538,091.72.

Steel Tank and Pipe Co., Berkeley, Cal.: Prop. 4 (a) $515,938.42; (b) $687,843.42; (c) $540,079.43.

L. Romano Engr. Corp., Seattle: Prop. 4 (a) $546,996.17; (c) $579,026.42

L. Coluccio, Seattle, Prop. 1 (a) $123,474; (c) $129,936. Prop. 2 (a) $289575.70; (c) $304,452.90. Prop. 3 (a) $420,953.47; (c) $442,863.70. Prop. 4 (a) $583,578.40; (c) $613,904.10.

Paine and Gallucc, Tacoma: Prop. 1 (a) $98,753.45; (b) $131,817.33; (c) $109,308.08. Prop. 2 (a) $299,705.73; (b) $371,052; (c) $317,789.09. Prop. 3 (a) $443,615.86; (b) $547,734.73; (c) $467,982.08. Prop. 4 (a) $616,892.93; (b) $759,082.26; (c) $648,404.16.

Paker-Schram Co., Portland: Prop. 1 (a) $62,628.10; (c) $69,618.85. Prop. 3 (a) $448,904.55; (c) $447,422.32. Prop. 4 (a) $625,493.73; (c) $660,789.76.

American Concrete Pipe Co., Tacoma: Prop. 1 (a) $109,914.40. Prop. 5 (a) $215,069.22. Prop. 6 (a) $360,192. Prop. 7 (a) $526,224.99.

Queen City Const. Co., Seattle: Prop. 1 (a) $141,927; (c) $155,928.

Felix Arcorace, Seattle: Prop. 1 (a) $118,537; (c) $116,395.75.

Reese and Moore, Seattle, Prop. 1 (a) $119,740; (b) $154,968.50; (c) $130187.60.

Awards will be made on average annual cost of maintenance, not initial cost.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

POMONA, Los Angeles Co., Cal.—E. L. Fleming, 5467 Phyllis Avenue, Glendale, at $3385 submitted low bid and awarded contract by the Pomona City Council, for constructing sanitary sewers in Huntington Drive and other streets.

BID OPENING POSTPONED

PHOENIX, Ariz. — Until February 13, 10 A. M., (date postponed from February 6, previously reported), new bids will be received by the Phoenix City Commission for the construction of a storm drain system in accordance with specifications prepared by C. Griggs, City Engineer.

PLANNED

REDDING, Shasta Co., Cal.—City Council asked to apply for SERA labor to construct sewer system extensions in Dakin Addition. Property owners to pay for materials estimated at $3000. Project proposed by C. C. Dakin.

33— WATER WORKS

BIDS OPENED

ONTARIO, Cal.—H. A. Teget, 132 Princeton Ave., Ontario, submitted low bid to Ontario City Council and recommended for award of contract (subject to PWA approval) for all costruction incident to the completion of the sewage disposal plant in accordance with amended specifications prepared by the Currie Engineering Co., 219 Anderson Bldg., San Bernardino. This project was originally started by James Noon, (awarded contract April 23, 1934, at $65,793), who had completed at the time of abandonment about 40 per cent of the work. Bids were taken as follows:

(1) Treatment plant complete;
(2) Sewer lines:
(a) 350 ft. 15-in. sewer pipe;
(b) 670 ft. 18-in. do;
(c) 1100 ft. 21-in. do;
(d) 260 ft. 24-in. do;
(e) 4 handholes complete.

The bids were:

(A) H. A. Teget, Ontario, $34,770.

(B) Mlagenovich & Gillespie, Beverly Hills, $42,122.50.

The unit bids were:

	(A)	(B)
(1)	$28,810.00	$35,260.00
(2a)	1.50	1.75
(2b)	2.00	2.50
(2c)	2.85	3.00
(2d)	3.00	3.75
(2e)	45.00	75.00

CONTRACT AWARDED

PASADENA, Cal.—U. S. Pipe and Foundry Co. awarded contract by the Pasadena city directors January 29 at $15,600 for furnishing 24,000 ft. 6-in. cast iron pipe and at $14,800 for 8000 ft. 12-in. pipe. The bids were opened January 21.

CONTRACTS AWARDED

REDMOND, Ore.—Kern & Kibbe, 42 SE Salmon St., Portland, at $8,915.55 on Section 2, and $21,609 on Section 3, submitted low bids and awarded contracts for the construction of both systems of the new city water works.

Other contracts awarded were:

Hugh G. Purcell, Colman Building, Seattle, $6,798.04 for cast iron pipe.

Pacific Water Works Supply Company, Portland, $661.67, for wood collars, etc.

R. W. Sparling, $655, for meters.

Rensselaer Valve Co., $1,491.30., for valves.

Other bids offered on the main contracts were:

Parker-Schram Co., Portland, $12,813.40 on Section 2, and $23,755.50 on Section 3.

United Contr. Co., Portland, $12,149.50 on Section 2, and $23,932.50 on Section 3.

CONTRACT AWARDED

LOS ANGELES, Cal.—The Los Angeles Water and Power Commission has awarded contract for furnishing cast iron water pipe under specification No. 1603, as follows: Item 1 to National Cast Iron Pipe Co., at $14,600; Item 2 to United States Pipe & Foundry Co., at $22,200.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until February 19, 10 A. M., bids will be received (to be opened at 10:15) by the directors of the Santa Clara Valley Water Conservation District, Room 62, Grant Bldg., San Jose, for construction of two pumping plants, Lester and Doetch well replacements. Work includes furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pump houses.

Plans and specifications obtainable from Leroy Anderson, Secretary of Santa Clara Valley Water Conservation District, Grant Bldg., San Jose, of Chief Engineer Fred H. Tibbetts, Alaska Commercial Bldg., San Francisco. Deposit, $5.

BIDS WANTED

BELMONT, San Mateo Co., Cal. Until February 13, 8 P. M., as previously reported, bids will be received by the Belmont County Water District, Ralston Ave., Belmont, for furnishing pipe and fittings as follows:

(1) Cast iron and wrought steel pipe:
(a) 50 l.f. 2-inch galv. wrought steel pipe;
(b) 3,600 l.f. 4-in. dia. cast iron pipe;
(c) 10,000 l.f. 6-in. dia. do;
(d) 8,800 l.f. 8-in. dia. do;
(2) Special castings and fittings, 77 pieces:
(3) Gate valves:
(a) 3 2-in. diameter;
(b) 9 4-in. diameter;
(c) 17 5-in. diameter,
(d) 28 6-in. diameter;
(e) 4 8-in. diameter;
(f) 2 6-in. check valves;
(g) 1 8-in. altitude valve;
(4) 28 hydrants;
(5) 41 concrete valve boxes;
(6) 2 steel tanks;
(7) Pumping units 400 to 500 gals. per minute;
(8) Switchboard and wiring;
(9) 100 sacks cement;
(10) 108,000 lbs. reinforcing steel;
(11) 410 c.y. ready mixed concrete;
(12) Paint:
(a) 150 gals. Bituine enamel;
(b) 60 gals. Red lead primer;
(c) 50 gals. Aluminum paint;
(13) 19,000 bd. ft. lumber;
(14) Flanged pipe and fittings;
(15) 9,100 sq. ft. gunite.

Specifications otainable from District Engineer Geo. A. Kneese, Stafford Bldg., Redwood City.

ALLOTMENT CHANGED

EUREKA, Humboldt Co., Cal.—The Federal Public Works Administration has changed the allotment of a loan and grant of $1,244,000 to a grant of $218,000, to the City of Eureka, for water system improvements

BIDS WANTED

COMPTON, Cal. — Until February 14, 7:30 P. M., bids will be received by the City Manager, Albert B. Gidley, City Hall, for the furnishing of the following material, f.o.b. trenchside in the City of Compton, both for immediate delivery and/or mill shipment:

(1) 7337 lin. ft. 4-in. Class 150 cast iron pipe, AWWA specifications;
(2) 590 lin. ft. 6-in. Class 150 cast iron pipe, AWWA specifications;
(3) 18 4 x 4 x 3-in. cast iron tees, AWWA Class D;
(4) 3 6 x 6 x 4-in. cast iron tees, AWWA Class D;
(5)1 4-in. cast iron cross, AWWA Class D;
(6) 1 6x6x4x4-in. cast iron cross, AWWA Class D;
(7) 1 4-in. fire hydrants, Cory or equal;
(8) 26 4-in. hub end gate valves, AWWA specifications;
(9) 2400 lin. ft. ¾-in. copper service pipe, type K or equal;
(10) 121 ¾-in. service cocks, James Jones Fig. 1515 or equal;
(11) 121 ¾-ich corporation cocks, James Jones Fig. 1500 or equal.

Certified check, 5%. Note. This pipe is to be used for a water main project in the northwest section of Compton, labor to be supplied by the SERA.

APPLICATION APPROVED

SAN MATEO COUNTY, Cal.—Board of Supervisors has approved application to SERA for labor to construct improvements in Belmont County Water District, estimated at $77,298; two sewer projects, $41,760; administration building, $19,435; widening San Francisco creek channel, $12,635.

CONTRACT AWARDED.

REDWOOD CITY, San Mateo Co., Cal.—United States Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $18,884.90 submitted low bid and awarded contract by the Redwood City City Council, B. E. Myers, City Clerk, for furnishing and delivering, fob trenchside, Redwood City, pipe and fittings as follows:

(1) 3,762 l.f. 12-in. cast iron pipe;
(2) 8,928 l.f. 10-in. do;
(3) 1,000 l.f. 6-in. do;
(4) 1 12x6-in. cast iron cross;
(5) 2 12x6-in. cast iron tees;
(6) 1 12-in. cast iron tee;
(7) 4 10x4-in. cast iron crosses;
(8) 3 10x6-in. do;
(9) 8 10x6-in. cast iron tees;
(10) 3 10-in. cast iron 90-deg. bends;
(11) 1 10-in. cast iron 22½-deg. do;
(12) 9 10-in. cast iron 45-deg. bends;
(13) 1 8-in. iron Y branch;
(14) 1 10- to 8-in. cast iron reducer.

Complete bids follow:

U. S. Pipe & Foundry Co., San Francisco	$18,884.90
American C. I. Pipe Co., S. F.	19,448.40
Utility Supply Co., L. A.	19,658.02
Pacific States C. I. Pipe Co., San Francisco	19,945.58
Grinnell Co. of the Pacific, San Francisco	20,594.80
R. E. Olson, Oakland (fittings only)	459.00
Enterprise F'dry Corp., San Francisco (fittings only)	648.00

BOND ELECTION.

NEWPORT BEACH, Orange Co., Cal.—An election will be held Feb. 26 to vote on a $120,000 bond issue to provide a municipal water supply. Voters in Newport Beach will also be given an opportunity to decide whether the city shall install a $59,000 plant on the 93 acres west of the city or a $120,000 plant on a 34-acre tract near Fairview and Talbert Roads, near Costa Mesa. The relative costs of the alternative plans are based on supply and quality of water, and distance from the city. The city is now buying water from Laguna Beach. R. L. Patterson is the city engineer.

34— PARKS & PLAY-GROUNDS

TO BE DONE BY DAY'S WORK.

ELDRIDGE, Sonoma County, Cal.—Landscaping of the grounds at the Sonoma State Home will be started shortly by the SERA. Estimated cost $1,920.

35— TUNNELS

PROPOSED.

CALIFORNIA - Oregon. — Jackson County (Oregon) Chamber of Commerce proposes combination rail and highway tunnel through the Siskiyou mountains as project for federal financing. Estimated cost $1,000,000 per mile, length of tunnel proposed from one to three miles, depending on elevation.

29—STREETS AND HIGHWAYS

BIDS WANTED

WHATCOM COUNTY, Wash.—Until February 19, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and retopping existing pavement with asphaltic concrete on about 0.3 of a mile of State Road No. 1, Mill Avenue North Revision in the City of Bellingham, U.S.P.W. Project No. NRM-17-D in Whatcom County. The work involves about 5410 cubic yards of excavation, 6064 square yards of Portland cement concrete pavement, 70 tons of asphaltic concrete, 1351 lineal ft. of 6-in. diameter pipe and other items.

Plans and specifications obtainable from above office upon deposit of $2.

CONTRACT AWARDED

SAN FRANCISCO. — Fay Improvement Co., 760 Market Street, at $2,298.90 awarded contract by the Department of Public Works, City Hall, for the reconstruction of Pacific Ave. between Presidio Ave. and Walnut St.

LOW BIDDERS

MARICOPA COUNTY, Arizona — Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, Ariz., submitted low bid to the Arizona State Highway Commission, Phoenix, Ariz., Jan. 30, at $8112, for improving the Tempe-Mesa Highway (Tempe Streta), N. R. M. 8-A (1935) Schedule 1 (A.F.E. 535). The work which lies in Tempe and extends from Third St. southerly on Mill Ave. to First St., consists of the widening and resurfacing of the existing pavement and cutback asphalt and incidental work. Tanner & Hall, Phoenix, Ariz., submitted the second low bid at $9423.

BIDS WANTED.

MINERAL, Lyon and Churchill Cos. Nev.—Until February 20, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State highway system in Mineral, Lyon and Churchill counties, between Schurz and 9.6 miles south of Fallon, Route 1A, Sections A, A, C1, and C2, a length of 28.05 biles.

The work involves:

(1) 892 l.f. remove culvert pipe;
(2) 116,330 c.y. roadway excavation;
(3) 189,650 yd. sta. overhaul;
(4) 52,095 c.y. select borrow;
(5) 1,155 c.y. structure excavation;
(6) 28.017 miles subgrade;
(7) 28.046 miles finish roadway;
(8) 97,440 tons crushed stone or gravel surface;
(9) 123 c.y. Class A concrete;
(10) 97 c.y. Class B concrete;
(11) 14,700 lbs. reinforcing steel;
(12) 36.9 M. ft. BM redwood;
(13) 1,190 l.f. 18-in. CMP;
(14) 192 l.f. 24-in. CMP;
(15) 66 l.f. 30-in. CMP;
(16) 108 l.f. 36-in. CMP;
(17) 246 l.f. relay culvert pipe;
(18) 130 each monuments;
(19) 108 l.f. 18-in. concrete pipe;
(20) 514 l.f. 1.5x1.5-ft. laminated culvert;
(21) 80 l.f. 2x2-ft. do;
(22) 140 l.f. 3x3-ft. do;
(23) 34 l.f. 3x3-ft. do;
(24) lump sum railroad crossing;
(25) 10 each remove culvert headwalls (concrete);
(26) 14 each remove culvert headwalls (dry rubble);
(27) 514,573 gals. asphalt road material, type SC2;
(28) 184.71 tons do, Type MC2;
(29) 28.046 miles roadmix.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

AWARD RECOMMENDED

SAN JOAQUIN, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $1.98 per barrel, total $3,257.10 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying Diesel oil to roadside vegetation over a distance of about 199.7 roadside miles at various locations in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties.

Complete bids follow:

Sheldon Oil Co., Suisun, (per bbl.) $1.98; (total) $3,257.10.
Hayward Bldg. Material Co., Hayward, $2.20; $3,619.00.
Tiffany Const. Co., San Jose, ($2.23; $3,668.35.
Helwig Const. Co., Sebastopol, $2.34 $3,849.30.
Lee J. Immel, Berkeley, $2.42; $3,980.90.

CONTRACT AWARDED

WASHINGTON COUNTY, Oregon —Harold Blake, 3043 S. E. Carlton St., Portland, at $64,329 submitted low bid and awarded contract by the Oregon State Highway Commission, Porrtland, Jan. 31, for 1.1 mi. grading and paving on the Votaw Unit, Multnomah County Line - Newberg Section of West Side Pacific Highway Washington County, U.S.P.W. Project NRH-73. Complete bids follow:

Harold Blake, Portland	$64,329
Ore. Contracting Co., P'tland	67,636
E. C. Hall, Eugene	72,299
Parker Schram Portland	72,797
Edlefsen-Weygandt, P'tland	74,897
Kern & Kibbe, Portland	75,265
Jacobsen-Jensen and Fred H. Slate Portland	77,937
Joplin & Eldon, Portland	79,630
United Contracting Co., Portland	81,297

LOW BIDDERS

APACHE COUNTY, Arizona—Heuser & Garnett, 816 Allen Ave., Glendale, submitted the low bid to the Arizona State Highway Commission, Phoenix, Ariz., Jan. 30, at $33,397 for highway construction on NRS 113-A (1935), A.F.E. 6101. The work begins approximately one mile northeast of St. Johns and extends northerly about 5¾ miles and consists of grading, draining, and placing of select material. Lee Moor Contracting Co., El Paso, Texas, submitted the next low bid at $33,413.

LOW BIDDERS

COCHISE COUNTY, Ariz. — Martin & Co., Box 934, Tucson, Arizona, submitted low bid to Arizona State Highway Commission, Phoenix, Ariz., January 30, at $6533, for improving the Benson-Douglas Highway, AFE 502, NRM 79-1 (1935). The work, which is located within the city limits of Bisbee, consists of replacing paved dip with a concrete box and incidental work. Borderland Constr. Co., Tucson, Ariz., submitted the next low bid at $6561.

LOW BIDDERS

YAVAPAI COUNTY, Ariz. — Pearson & Dickerson, Tilton Bldg., Prescott, Ariz., submitted the low bid to the Arizona State Highway Commission, Phoenix, Ariz., Jan. 30, at $39,976 (alternate same), for improving the Prescott-Flagstaff Highway, NRH 96-B (1935).

The work, which extends from Cottonwood southeasterly about three (3) miles to the Verde River consists of the grading and draining and placing of aggregate base course. K. Dewitt, Mesa, Ariz., submitted the next low bid at $42,365 (alternate same).

AWARD RECOMMENDED

HUMBOLDT COUNTY, Cal.—Award of contract to Pacific States Construction Co., 708 Call Bldg., San Francisco, at $35,437.85, for placing a crushed gravel base course on Sections A and B of Route 51 the Hoopa National Forest Highway, Trinity National Forest, Humboldt County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

CONTRACT AWARDED

SHASTA COUNTY, Cal.—T. M. Morgan Paving Co., 472 N. Barrington Ave., Los Angeles, at $92,485.18 (Alternate B, Portland cement concrete) awarded contract by the State Highway Commission, Sacramento, for about 0.9 miles grading and paving at the north entrance to the City of Redding, Shasta County.

CONTRACT AWARDED

MADERA COUNTY, Cal. — Union Paving Co., 624 Call Bldg., San Francisco, at $61,735.50 awarded contract by State Highway Commission, Sacramento, for about 1.5 mi. grading and paving with asphalt concrete in the City of Madera.

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 18, 10:00 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for constructing approximately 16.3 miles of patrol road, and approximately 1.4 miles of stub roads adjacent thereto along the proposed route of the 230-kv transmission line for the Colorado River Aqueduct, under Specifications No. 91. Copies may be obtained at Room 1007, upon payment of $2 per set.

The proposed roads are located in San Bernardino County, near Division No. 1, Headquarters, and from what is known as the Whipple Mountain Patrol Road. Certified or cashier's check, 10%. Julian Hinds, Assistant Chief Engineer.

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, City of Oceanside, on Hill St. between Wisconsin Ave. and Eighth St., Road XI-S.D-2-Ocn, for which bids are to be received in Los Angeles on February 21.

Said representative will meet prospective bidders at the intersection of Wisconsin and Hill Sts., in Oceanside on Friday, February 8 and 15, 1935, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates

CONTRACT AWARDED.

POLK and Yamhill Cos., Ore.—Itschner & Rigdon, Barlow, at $10,532 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for furnishing approximately 6,000 cubic yards of crushed rock or gravel in stockpiles on the Grand Ronde-Sheridan Rock Production Project on the Salmon River and McMinnville-Tillamook Highways in Polk and Yamhill Counties (State project).

Complete bids follow:

Itschner & Rigdon, Barlow	$10,532
Saxton & Looney, Corvallis	19,773
Schmeer & Williams and Gentemann, Portland	11,495
Theo. Arenz, Portland	11,550
A. S. Wallace, Roseburg	12,595

CONTRACT AWARDED

JOSEPHINE COUNTY, Ore.—E. C. Hall, Eugene, at $20,968 (road oil) submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31 for 1.3 miles grading, surfacing and oil mat surface treatment on Murphy-Grays Creek Section of Williams Secondary Highway, Josephine County, U.S.P.W. Project NRS 244.

Complete bids follow:

E. C. Hall, Eugene (road oil) $20,968; (tar) $21,193.

Mt. State Const. Co., Eugene (road oil) $23,040; (tar) $23,321.

F. C. Dillard, Medford, (road oil) $29,655; (tar) $29,990.

CONTRACT AWARDED

WASHINGTON COUNTY, Oregon—Kern & Kibbe, 42 S. E. Salmon St., Portland, at $9237 submitted low bid and awarded contract by Oregon State Highway Commission, Portland, Jan. 31, for 0.45 mile pavement resurfacing on the Second Street-Seventh Street Unit, Forest Grove Section of Tualatin Valley Highway, Washington County, U.S.P.W. Project NRM 183-D. Complete bids follow:

Kern & Kibbe, Portland	$ 9,237
United Contracting Co., P'tland	11,798
Northwest Rds. Co., Portland	13,775

BIDS OPENED

HUMBOLDT COUNTY, Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at $35,437.85 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., for placing a crushed gravel base course on Sections A and B or Route 51, the Hoopa National Forest Highway, Trinity National Forest, Humboldt County. Bids were taken as follows:

(1) 1000 cu. yds. unclassified excav.;
(2) 8.606 mi. fine grading subgrade and shoulders;
(3) 23,000 tons crushed gravel base course;
(4) 500 tons supplemental crushed gravel;
(5) 500 tons crushed gravel screenings;
(6) 58,000 ton miles hauling crushed gravel base course;
(7) 1500 M. gallons watering;
(8) 200 tons liquid asphaltic road material;
(9) Extra work, sanding asphaltic material;
ment(10) 60 each right of way mounments.

Total bids follow:

(A) Pacific States Constr. Co., San Francisco, $35,437.85.
(B) E. B. Bishop, Orland, $36,002.25.
(C) Hemstreet & Bell, Marysville, $39,897.40.
(D) Engineer's Estimate, $39,951.80.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .70	$ .65	$ 1.00	$ .50
(2)	475.00	375.00	400.00	300.00
(3)	.75	.85	. 95	.95
(4)	.76	.85	.95	.92
(5)	1.50	2.00	2.00	2.50
(6)	.10	.09	.10	.10
(7)	1.00	1.50	1.50	2.00
(8)	21.00	16.00	18.00	20.00
(9)	300.00	300.00	300.00	300.00
(10)	4.00	3.00	3.00	3.50

All bids held under advisemena.

BIDS WANTED.

INYO COUNTY, Calif.—Until Feb. 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.7 mile grading, surfacing with selected material, and a bituminous treatment applied, in Inyo County between ¾ mile south of northerly boundary and the northerly boundary.

The work involves:

(1) 5 acres clearing and grubbing right of way;
(2) 3,200 c.y. rdwy. excav., unclass.;
(3) 6,000 sta. yds. overhaul;
(4) 2,300 c.y. imported borrow.
(5) 1,550 c.y. selected surfacing material;
(6) 200 c.y. ditch excavation.
(7) 500 c.y. structure excavation.
(8) 10 c.y. Class A Portland cement concrete (structures);
(9) 500 lbs. bar reinf. steel (structures);
(10) 21 tons fuel oil (SC-2 prime coat)
(11) 90 tons fuel oil (SC-3 bituminous treatment);
(12) 0.74 mile mixing bituminous binder and selected surfacing material;
(13) 30 c.y. screenings (seal coat),
(14) 234 l.f. 8-in. perf. metal pipe underdrains;
(15) 186 l.f. 12-in. do.
(16) 292 l.f. 24-in. CMP;
(17) 64 l.f. 66-in. CMP;
(18) 174 l.f. salvaging existing CMP culverts;
(19) 26 l.f. CMP, clean and relay;
(20) 8 each headwalls removed and disposed of;
(21) 300 l.f. removing and disposing of rock wall;
(22) 1 only removing and disposing of concrete ridge;
(23) 175 M. gallons of water;
(24) 0.24 mile new property fence;
(25) 0.27 mile moving and resetting property fences;
(26) 0.65 mile removing and disposing of property fences;
(27) 1 only fence gate;
(28) 14 each timber guide posts;
(29) 23 each moving and resetting do;
(30) 4 each culvert markers;
(31) 59 stations finishing roadway;
(32) 16 each monuments complete, in place.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

MADERA COUNTY, Cal. — Until March 14th, 2 P. M., bids will be received by the Bureau of Public Roads 807 Sheldon Bldg., 461 Market St., San Francisco, for bituminous treatment (light surface application) on approximately 4.288 miles of Section A of Route 74, the North Fork Nat'l. Forest Highway, Sierra Nat'l. Forest, Madera County. The work involves:

(1) 66,400 gals. haul, apply and mix Government furnished asphaltic road material, Type S.C.-2;
(2) 2350 gals. haul and apply Government furnished liquid asphaltic road material, Type S.C.-2 to shoulders and dikes.

Plans and specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED

LOS ANGELES, Cal.—C. O. Sparks 2809 E. 9th St., awarded contract by Los Angeles County Supervisors at $20,400, or $2.40 per ton, for the improvement of Alexander Ave., in the cities of Pomona and Claremont, from Holt Ave. to Cucamonga Ave., a distance of 9904 lin. ft. or 1.88 miles. Cash Contract No. 447, involving:

8500 tons furnishing and placing asphaltic concrete medium wearing surface.

BIDS WANTED.

IMPERIAL COUNTY, Calif.—Until February 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 21 miles grading shoulders, and constructing bituminous treated screened gravel or stone borders in Imperial County between East Highline Canal and Sand Hills.

The work involves:

(1) 21 miles shoulder embankment;

(2) 221,800 l.f. existing side forms removed and disposed of;
(3) 14,200 tons screened gravel or stone (bituminous treated borders);
(4) 640 tons cut back asphalt (do);
(5) 21 miles finishing roadway.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED.

GLENN COUNTY, Cal.—Until Feb. 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for highway construction in Glenn County between 3 miles north of Willows and Orland, totaling about 10 miles in length, of which about 0.6 mile is to be graded and surfaced with crusher run base and bituminous treated crushed gravel or stone; and the remainder is to be widened and borders of crusher run base constructed.

The work involves:
(1) 9,200 c.y. rdwy. excav. without classification;
(2) 5,000 sta. yds. overhaul;
(3) 4,300 c.y. imported borrow;
(4) 400 c.y. structure excavation;
(5) 18,800 tons crusher run base;
(6) 250 M. gals. water;
(7) 90 tons fuel oil;
(8) 1,200 tons crushed gravel or stone (bituminous treated surfacing);
(9) 58 tons cut back asphalt (do);
(10) 60 c.y. Class A Portland cement concrete (structures);
(11) 6,500 lbs. reinf. steel (struc.);
(12) 48 l.f. 12-in. CMP;
(13) 142 l.f. 18-in. CMP;
(14) 5 c.y. existing concrete removed and disposed of;
(15) 20 each culvert headwalls removed and reset;
(16) 1,000 l.f. existing guard rail removed and salvaged;
(17) 1,000 l.f. laminated timber guard rail;
(18) 0.3 mile property fence removed and reset;
(19) 1.1 miles new property fence;
(20) 2 each fence gates;
(21) 8 each monuments complete in place;
(22) 528 stations finishing roadway.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on February 20 and in Los Angeles on Feb. 21, 1935.

VII-LA-60-A bridge across Malibu Creek. Bids to be opened in Los Angeles: PLANS (No. of Sheets) 6 (Cost) $0.60; CROSS-SECTIONS (No. Sheets) none; (Total) $0.60.

IX-Iny-23-B between one and eight-tenths miles and nine-tenths miles S. of Fish Springs School, bids to be received in Sacramento: PLANS (No. of Sheets) 4; (Cost) $0.40; CROSS-SECTIONS (No. of Sheets) 24; (Cost) $2.40; (Total) $2.80.

XI-S.D-2-Ocn, in the City of Oceanside, bids to be opened in Los Angeles, no plans or cross-sections.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans, specifications and proposal forms, to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS REJECTED

BAKER AND UNION COUNTIES, Oregon — Quinn-Robbins Co., Boise, Idaho, at $10,825 submitted only bid received, which was rejected by the Oregon State Highway Commission, Portland, Jan. 31, for furnishing approximately 4000 cu. yds. crushed rock in stockpiles on the North Powder-Haines Rock Production Project on Old Oregon Trail, in Baker and Union Counties. State Project.

Bids will be re-advertised.

BIDS WANTED.

LOS ANGELES COUNTY, Calif.—Until February 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.4 miles grading and paving with Portland cement concrete in Los Angeles County between Winter Canyon and Las Flores Canyon.

The work involves:
(1) 178 stations clearing and grubbing right of way;
(2) 63,300 c.y. rdwy. excav., unclass.
(3) 93,000 mile yards overhaul;
(4) 700 c.y. structure excavation;
(5) 32,100 square yards subgrade for pavement;
(6) 6,400 c.y. Class A Portland cement concrete (pavement);
(7) 220 c.y. Class A do (structures);
(8) 42 c.y. Class A do (curbs);
(9) 3 c.y. Class A do (bridge railing)
(10) 35,000 lbs. bar reinf. steel (pavement and structures);
(11) 8,700 each pavement dowels;
(12) 500 tons mineral aggregate plant mixed surfacing;
(13) 25 tons liquid asphalt plant mixed surfacing;
(14) 1,800 sq. yds. aspb. paint binder.
(15) 500 tons fuel oil (shoulders and detours);
(16) 53,000 sq. yds. mixing and shaping shoulders;
(17) 70 tons asphaltic road oil (seal coat);
(18) 700 tons screenings (seal coat);
(19) 360 l.f. 18-in. reinf. conc. pipe;
(20) 40 l.f. 24-in. reinf. concrete pipe;
(21) 760 c.y. removing and disposing of concrete;
(22) 750 M. gals. water;
(23) 1.6 miles new property fence;
(24) 2.0 miles moving and resetting property fences;
(25) 8 each fence gates;
(26) 20 each culvert markers;
(27) 178 stations finishing rdwy.;
(28) 28 each monuments.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

UMATILLA COUNTY, Oregon — Itschner & Rigdon, Barlow, at $28,722 submitted low bid to the Oregon State Highway Commission, Portland, January 31, for 1.32 miles grading and surfacing 0.32 mile oil mat surface treatment, and 1.0 mile penetration type bituminous macadam on the State Hospital-Ash Street Unit, Pendleton Section of Old Oregon Trail, Umatilla Section of Old Oregon Trail, NRM 40-C. Complete bids follow:

Itschner & Rigdon, Barlow	$28,722
Fisher Bros., Oregon City	30,422
Newport Constr. Co., Portland	30,870
Chas. H. Leonard, Albany	30,970
Joplin & Eldon, Portland	33,470
Schmitt Constr. Co., Portland	34,631
Northwest Roads Co., Portland	39,013

Bids held under advisement.

CONTRACT AWARDED.

GRAND COULEE DAM, Wash.—D. H. Ryan, Coulee Dam, at $110,505 awarded contract by the Bureau of Reclamation, Almira, Wash., under Spec. No. 649-D for the removal of a slide on the highway and construction railroad, Station 1090 to Station 1101, at Grand Coulee Dam.

Complete bids published Jan. 8.

CONTRACT AWARDED.

WASHINGTON CO., Ore.—Kern & Kibbe, 42 SE Salmon, Portland, at $17,280 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for 0.44 mile pavement widening and resurfacing on the Range Street-Fifth Street Unit, Hillsboro Section of Tualatin Valley Highway, Washington County, U.S.P.W. Project NRM 183-E.

Complete bids follow:

Kern & Kibbe, Portland	$17,280
Edlefsen-Weygandt, Portland	19,207
United Contr. Co., Portland	19,235
Jacobsen Jensen Co., Portland	19,919
Northwest Roads Co., Portland	20,225
Schmitt Const. Co., Portland	21,072

CONTRACT AWARDED

LINCOLN COUNTY, Oregon—E. C. Hall, Eugene, at $38,994 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Jan.. 31, for 0.64 mile grading, surfacing and penetration type bituminous macadam on the Toledo Section of Corvallis-Newport Highway, Lincoln County U.S.P.W. project NRM 150-B. Complete bids follow:

E. C. Hall, Eugene	38,994
Edlefsen-Weygandt, Portland	39,792
F. C. Dillard, Medford	45,764
United Contracting Co., P'tland	47,819

CONTRACT AWARDED.

COLUMBIA COUNTY, Ore.—E. C. Hall, Eugene, at $38,835 submitted the low bid and awarded contract by the Oregon State Highway Commission, Portland, January 31, for 0.45 mile grading and paving on the East Rainier Section of Columbia River Highway in Columbia County, U.S.P.W. Project NRM 173-A.

Complete bids follow:

E. C. Hall, Eugene	$38,835
Parker Schram, Portland	39,729
Edlefsen-Weygandt, Portland	39,785
Oregon Contracting Co., Portland	40,521
G. F. Anderson Co., Astoria	42,185
United Contr. Co., Portland	42,502
Johnston, Hansen & Johnston, Berkenfeld	42,660
Schmitt Const. Co., Portland	43,517
Joplin & Eldon, Portland	44,735
Saxton & Looney, Corvallis	45,330
Chas. H. Leonard, Albany	49,700
Kern & Kibbe, Portland	58,435

CONTRACT AWARDED

UNION COUNTY, Oregon—George F. Price, Dayton, Wash., at $5957 submitted low bid and awarded contract by Oregon State Highway Commission, Portland, Jan. 31, for 0.43 mile grading and surfacing on the Elgin Section of Wallowa Lake Highway, Union County U.S.P.W. Project NRM and H-5. Complete bids follow:

G. F. Price, Dayton, Wash	$5957
Quinn Robbins Co., Boise	1448
A. A. Hardesty, Portland	8265
Hart Constr. Co., La Grande	9096

LOS ANGELES COUNTY—3.7 Miles Grade & Pave—State

LOS ANGELES COUNTY, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, submitted low bid to C. H. Purcell, State Highway Engineer at Los Angeles, January 31 (as previously reported) at $107,082.30 (based on Alt. A for asphaltic concrete) and at $115,017.10 (based on Alt. B, cement concrete) for highway construction in Los Angeles County, between State St. and Los Angeles St., about 3.7 miles in length, to be graded and paved with asphalt concrete or portland cement concrete, involving:

(1) 196 sta. clearing and grubbing right-of-way;
(2) 41,000 cu. yds. roadway excavation, unclassified;
(3) 345,000 sta. yds. overhaul;
(4) 24,150 tons selected material;
(5) 550 cu. yds. structure excav.;
(6) 43,00 sq. yds. subgrade preparation;
(7) 125 cu. yds. Class A Portland cement conc. in structures;
(8) 16,000 lbs. reinf. steel in struc.;
(9) 560 M gallons water;
(10) 160 tons crushed gravel or stone bituminous treated surfacing;
(11) 8 tons cut back asphalt bituminous treated surfacing;
(12) 355 tons fuel oil;
(13) 43,500 sq. yds. preparing, mixing and shaping shoulders;
(14) 55 tons asphaltic road oil seal coat;
(15) 550 tons screenings seal coat;
(16) 2 each culvert markers;
(17) 196 stations finishing roadway;
(18) 42 each monuments complete in place;

ALTERNATIVE A

(19) 18,360 tons asphalt concrete;

ALTERNATIVE B

(20) 8100 cu. yds. Class A Portland cement concrete pavement;
(21) 22,000 lbs. bar reinforcing steel in pavement;
(22) 11,760 each pavement dowels;
(23) 28 tons fuel oil subgrade treatment;
(24) 3 tons Grade E asphalt subgrade treatment.

NOTE:—Alternative A sets forth the necessary items for the construction of the pavement with asphalt concrete. Alternative B sets forth the necessary items for the construction of the pavement with Portland cement concrete. The contract may be awarded on the basis of constructing the pavement of either type at the option of the Department of Public Works.

The total bids were:

(A) Sully-Miller Contr. Co., Alternate A, $107,082.30; B, $115,017.10.
(B) Griffith Co., $107,143.90; $118,-656.50.
(C) Mundo Engr. Co., $109,142; $.....
(D) Southwest Paving Co., $109,570.-50; $.....
(E) Oswald Bros., $109,814.30; $125,-080.50.
(F) Geo. R. Curtis Paving Co., $110,-956.30; $.....
(G) United Concrete Pipe Corp., $115,-162; $127,091.20.
(H) L. A. Paving Co., $117,626.60; and $128,299.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.00	$13.00	$ 2.00	$5.00	$ 3.00	$ 3.00	$10.00	$ 5.00
(2)	.29	.22	.30	.33	.31	.215	.35	.35
(3)	.005	.006	.004	.005	.01	.01	.005	.01
(4)	1.05	1.05	1.00	1.07	.80	1.10	1.05	.95
(5)	.50	.75	.80	.95	.80	.75	1.00	1.00
(6)	.09	.09	.10	.10	.09	.09	.12	.12
(7)	15.00	16.00	18.00	26.00	17.00	18.00	20.00	20.00
(8)	.04	.05	.05	.05	.046	.04	.05	.06
(9)	1.00	1.50	1.00	1.25	1.85	1.00	.75	2.00
(10)	2.50	2.25	2.50	2.30	2.25	2.28	3.00	2.60
(11)	15.00	12.00	20.00	12.00	13.75	12.90	17.00	15.00
(12)	8.50	7.50	8.00	7.40	8.50	8.30	9.00	9.00
(13)	.05	.05	.05	.04	.04	.05	.04	.06
(14)	15.50	11.50	20.00	13.00	16.00	16.70	17.50	15.00
(15)	2.44	2.75	3.50	1.85	2.40	3.00	2.00	1.95
(16)	3.00	2.50	2.00	3.50	2.50	2.40	3.00	3.50
(17)	4.00	2.50	3.00	3.50	2.50	2.00	7.00	5.00
(18)	3.00	2.50	2.00	3.00	2.50	3.00	3.00	3.50
(19) (Alt. A)	2.78	2.84	2.90	2.75	3.13	3.00	2.95	.06
(20) (Alt. B)	6.90	7.44	.....	.....	8.45	.....	7.50	7.65
(21)	.04	.05	.....	.....	.07	.....	.04	.075
(22)	.11	.10	.....	.....	.10	.....	.12	.15
(23)	8.50	12.50	.....	.....	12.75	.....	25.00	12.50
(24)	15.00	17.00	.....	.....	27 00	.....	30.00	25.00

SAN FRANCISCO — Twenty-second Street Sewer — (City)

SAN FRANCISCO—Bay Shore Construction Co., Inc., 255 Bayshore Blvd. at $1,365.60 submitted low bid to the Department of Public Works, City Hall, for the reconstruction of a sewer on 22nd street, between Potrero Avenue and San Bruno Ave., involving:

(1) 1 drop manhole with 12-in. VCP drop pipe, complete;
(2) 1 brick manhole, complete;
(3) 16 l.f. 18-in. VCP sewer encased in concrete, in place;
(4) 196 l.f. 18-in. VCP sewer, in place;
(5) 8 l.f. 10-in. VCP culvert, in place.

Total bids follow:

(A) Bay Shore Const. Co., Inc., San Francisco, $1,365.60.
(B) Theo Cohn, S. F. $1,393.60
(C) Fay Imp. Co., S. F. 1,619.20
(D) R. S. Silverberg, S. F. 1,679.00
(E) Eaton & Smith, S. F. 1,690.00
(F) M. Bertolino, S. F. 1,692.00
(G) C. L. Harney, S. F. 1,782.60
(H) W. J. Tobin, Oakland 1,846.20
(I) E. J. Treacy, S. F. 1,914.80
(J) Herman Lawson, S. F. 2,990.28

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$150.00	$168.00	$142.00	$209.80	$266.00	$150.00	$200.00	$125.00	$200.00	$355.00
(2)	50.00	90.00	98.00	160.00	100.00	100.00	85.00	100.00	100.00	186.00
(3)	6.00	8.00	8.00	10.00	8.00	8.00	12.00	10.40	10.00	8.00
(4)	5.40	5.10	6.30	5.70	6.00	6.50	6.60	7.30	7.30	11.58
(5)	1.40	1.00	2.05	4.00	3.50	5.00	1.50	3.00	3.00	6.45

Bids held under advisement.

BIDS OPENED.

LOS ANGELES, Cal.—Osborn Co., 1570 San Pasqual Ave., Pasadena, submitted the low bid to Los Angeles county board of supervisors Feb. 4, at $41,580.25 for the improvement of Foothill Blvd. from its intersection with Greenwood Ave. and Walnut St., easterly to Santa Anita Ave., Pasadena and Los Angeles county, 3709 lin. ft. or 0.70 mile, under cash contract No. 465, PWA Project No. 3124, involving:

(1) 6240 c.y. excav., including shaping and removal of trees;
(2) 68,845 sq. ft. 9-7-7-9-inch cement concrete pavement;
(3) 4002 sq. ft. 8-in. cement concrete pavement;
(4) 85,304 sq. ft. 4-in. asphalt concrete base;
(5) 34 tons asphalt concrete base;
(6) 86,869 sq. ft. 2-in. asphalt concrete wearing surface;
(7) 92,976 sq. ft. 1½-inch pre-mix pavement;
(8) 139 l.f. 6x10x18-in. cement concrete curb;
(9) 505 l.f. 6x9x15-in. do;
(10) 277 sq. ft. 6-in. cement concrete gutter;
(11) 2599 sq. ft. cement concrete walk
(12) 160 l.f. cement concrete curtain wall;
(13) drainage structure as per Plan No. 4;
(14) drainage structure as per Plan Nos. 5 and 6;
(15) do as per Plan No. 8;
(16) do as per Plan No. 10;
(17) do as per Plan No. 12;
(18) relocating light standards as per Plan No. 11 complete.

The total bids were:

(A) Osborn Co., $41,580.25.
(B) Geo. R. Curtis Paving Co., $42,-208.20.
(C) J. E. Haddock, Ltd., $45,193.72.
(D) Griffith Co., $47,639.47.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	$ .50	$ .50	$ .60	$ .58
(2)	.18	.178	.182	.197
(3)	.19	.19	.20	.21
(4)	.03	.069	.075	.09
(5)	3.20	2.30	3.10	3.50
(6)	.04	.03	.035	.04
(7)	.03	.025	.035	.045
(8)	.60	.58	.50	.75
(9)	.50	.52	.40	.50
(10)	.18	.23	.20	.25
(11)	.15	.17	.15	.16
(12)	1.00	1.00	1.00	.75
(13)	1500.00	850.00	2000.00	1750.00
(14)	3300.00	4960.00	3775.00	4000.00
(15)	2100.00	2460.00	2920.00	2800.00
(16)	1500.00	1670.00	1700.00	1800.00
(17)	2500.00	3920.00	3750.00	2500.00
(18)	275.00	310.00	300.00	300.00

BIDS WANTED

GILA AND NAVAJO COUNTIES, Arizona—Until Feb. 20, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Globe Showlow Highway, NRH 99-1 (1935) AFE 6054. The work, which is to begin about 56½ miles northeast of Globe and extend northeasterly about 4½ miles, consists of grading and draining. Principal items and approximate quantities are:

(1) 275,000 roadway excavation;
(2) 3300 cu. yds. drainage excav.;
(3) 15,000 cu. yds. slides and overbreakage;
(4) 2100 cu. yds. structural excav.;
(5) 3300 cu. yds. borrow excav.;
(6) 70,200 sta. yds. earthwork overhaul;
(7) 3900 cu. yd. mile earthwork haul
(8) 1229 cu. yds. Class A concrete;
(9) 123,000 lbs. reinforcing steel;
(10) 2990 lin. ft. CMP (various sizes);
(11) 2 each cattle guards;
(12) 10,940 lin. ft. road guard (cable or steel plate).

Certified or cashier's check, 5%. T. S. O'Connell, State Highway Engineer

RIVERSIDE COUNTY—16.8 Miles Grade & Pave—(State)

RIVERSIDE COUNTY, Cal.—Matich Bros., Elsinore, submitted the low bid to C. H. Purcell, State Highway Engineer, at Los Angeles, January 31, at $139,803.60 (as previously reported) for highway construction in Riverside Co. between one mile east of Beaumont and Whitewater, about 16.8 miles in length, to be graded, portions paved with cement concrete, and portions surfaced with oil treated crushed gravel or stone plant mix, involving:

(1) 37,000 c.y. rdwy. excav., unclass.
(2) 1,600,000 sta. yds. overhaul;
(3) 1,560 c.y. structure excavation;
(4) 6,300 sq. yds. subgrade for pave.
(5) 1,180 c.y. Class A Portland cement concrete (pavement widening);
(6) 5,900 c.y. do (pavement widening)
(7) 166 c.y. do (structure);
(8) 25,000 lbs. bar reinforcing steel (pavement and structures);
(9) 3,000 each pavement dowels;
(10) 252 l.f. 18-in. CMP;
(11) 1,062 l.f. 24-in. CMP;
(12) 28 l.f. 30-in. CMP;
(13) 280 l.f. 36-in. CMP;
(14) 156 l.f. 48-in. CMP;
(15) 1,010 c.y. remove and dispose of concrete;
(16) 1,040 l.f. furnish redwood piles;
(17) 52 each driving do;
(18) 21 MFBM redwood timber dense select all-heart struc. grade;
(19) 13 MFBM do, select all heart do;
(20) 3,490 tons crushed gravel or stone (plant mixed surfacing);
(21) 150 tons fuel oil (plant mix surfacing);
(22) 1,510 tons fuel oil shoulders;
(23) 148,000 sq. yds. mixing and shaping shoulders;
(24) 154 tons asphalt road oil (seal coat);
(25) 1,260 c.y. screenings (seal coat);
(26) 2,800 sq yds. asph. paint binder;
(27) 6.7 miles new property fence;
(28) 25 each fence gates;
(29) 710 l.f. laminated timber guard rail;
(30) 85 each timber guide posts;
(31) 855 stations finishing roadway;
(32) 215 each monuments complete in place.

The unit bids were:
(A) Matich Bros., Elsinore, $139,803.60
(B) B. G. Carroll, San Diego, $141,-286.35.
(C) Oswald Bros., Los Angeles, $142,-634.50.
(D) Geo. Herz & Co., San Bernardino, $149,920.05.
(E) United Concrete Pipe Corp., Los Angeles, $160,349.40.
(F) Southern California Roads Co., Los Angeles, $163,061.40.
(G) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, $164,436.79.
(H) Mundo Engineering Co., Los Angeles, $167,897.06.
(I) Mittry Bros. Const. Co., Los Angeles, $168,888.00.
(J) Griffith Co., Los Angeles, $182,-159.50.

The total bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .35	$ .44	$ .35	$ .42	$ .48	$ .50	$ .30	$ .40	$ .38	$ .40
(2)	.004	.002	.003	.0045	.001	.003	.03	.004	.01	.005
(3)	1.00	.75	.70	.70	1.20	1.00	1.00	.80	1.10	1.00
(4)	.12	.11	.10	.08	.12	.12	.10	.12	.10	.10
(5)	7.50	8.20	8.75	8.30	9.50	9.00	9.30	8.60	10.10	11.00
(6)	8.85	8.30	8.75	8.60	9.50	9.80	10.50	11.50	10.30	11.70
(7)	16.00	18.75	22.50	20.00	19.00	20.00	23.00	18.00	20.00	30.00
(8)	.06	.06	.045	.07	.048	.08	.06	.05	.055	.19
(9)	.15	.10	.11	.10	.145	.12	.15	.12	.12	.15
(10)	1.85	1.75	2.00	1.80	2.40	1.75	1.70	2.75	1.80	2.00
(11)	2.70	2.50	2.50	2.60	3.10	2.70	2.60	3.50	2.25	3.00
(12)	4.00	3.30	3.50	3.30	4.20	3.25	3.50	4.50	3.10	4.00
(13)	5.20	4.60	5.00	5.00	6.60	5.00	5.00	6.25	4.15	5.00
(14)	9.50	8.30	7.50	8.30	9.60	8.50	8.64	10.00	8.10	8.00
(15)	1.50	1.35	2.40	3.50	1.50	3.00	1.20	1.50	1.20	2.00
(16)	.40	.65	.40	.42	.75	.50	.70	.50	.85	.75
(17)	12.00	15.00	11.00	15.00	18.00	16.00	15.00	15.00	18.00	15.00
(18)	87.50	85.00	90.00	91.00	90.00	90.00	100.00	80.00	75.00	100.00
(19)	82.50	90.00	85.00	84.00	96.00	95.00	100.00	80.00	85.00	90.00
(20)	2.45	2.37	2.30	2.50	2.60	2.90	2.75	2.70	2.20	3.00
(21)	7.75	9.34	8.00	9.00	13.20	8.50	11.00	8.00	9.00	8.00
(22)	8.20	8.77	9.00	8.00	12.00	9.00	11.00	8.50	9.50	10.00
(23)	.04	.035	.05	.055	.04	.05	.06	.05	.05	.07
(24)	18.00	19.35	18.00	18.00	20.80	21.00	17.00	20.00	19.25	15.00
(25)	2.50	3.60	3.00	4.00	3.60	3.70	3.50	4.00	3.00	3.00
(26)	.04	.03	.03	.03	.03	.03	.03	.02	.03	.03
(27)	450.00	450.00	450.00	500.00	480.00	420.00	450.00	500.00	400.00	500.00
(28)	13.00	15.00	20.00	18.00	18.00	15.00	20.00	20.00	16.00	20.00
(29)	1.00	1.00	1.00	1.20	1.20	1.25	1.00	1.00	2.00	1.00
(30)	1.50	2.00	2.50	2.25	2.40	1.50	2.25	3.00	2.00	1.50
(31)	2.00	4.80	2.00	2.50	4.80	5.00	7.50	5.00	4.00	6.00
(32)	2.50	2.75	3.00	2.70	3.00	3.00	3.00	2.00	3.00	3.00

SAN FRANCISCO — Golden Gate Heights Sewer — (City)

SAN FRANCISCO—Bay Shore Construction Co., Inc., 255 Bayshore Blvd. at $9,462.06 submitted low bid to the Department of Public Works, City Hall, for the construction of sewers and appurtenances in Golden Gate Heights District, involving:

(1) 4157 l.f. 8-in. VCP sewer, in place;
(2) 38 brick or concrete manholes;
(3) 3 standard lampholes;
(4) 116 8x6-in. Y or T branches.

Total bids follow:
(A) Bay Shore Const. Co., Inc., San Francisco ..... $ 9,462.06
(B) H. F. Glackin, S. F. 9,495.50
(C) Chas. L. Harney, S. F. 9,706.50
(D) W. J. Tobin, Oakland 11,910.00
(E) Fay Imp. Co., S. F. 12,832.27
(F) E. J. Treacy, S. F. 13,476.38
(G) MacDonald & Kahn Co., Ltd., San Francisco 14,141.00
(H) Eaton & Smith, S. F. 16,583.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.58	$ 1.50	$ 1.60	$ 2.00	$ 2.11	$ 2.27	$ 2.40	$ 3.00
(2)	70.00	80.00	75.00	90.00	89.00	100.00	100.00	100.00
(3)	20.00	25.00	20.00	20.00	21.00	20.00	40.20	10.00
(4)	1.50	1.25	1.25	1.00	1.00	1.50	2.10	2.00

Theo. Cohn submitted an irregular bid which was not read.
Bids held under advisement.

BIDS WANTED.

SAN BERNARDINO CO., Cal.—Until February 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about two miles grading and paving with Portland cement concrete in San Bernardino County between Riverside Avenue and Colton.

The work involves:
(1) 42,000 c.y. rdwy. excav., unclass.;
(2) 89,000 sta. yds. overhaul;
(3) 13,000 c.y. selected material;
(4) 290 c.y. structure excavation;
(5) 23,300 sq. yds. subgrade for pave.
(6) 4,700 c.y. Class A Portland cement concrete (pavement);
(7) 25 c.y. Class A do (structure);
(8) 14,200 lbs. bar reinf. steel (pavement and structures);
(9) 6,300 each pavement dowels;
(10) 230 l.f. 18-in. CMP;
(11) 980 c.y. removing and disposing of concrete;
(12) 180 tons fuel oil (shoulders);
(13) 22,000 sq. yds. mixing and shaping shoulders;
(14) 22 tons asphaltic road oil (seal coat);
(15) 190 c.y. screenings (seal coat);
(16) 5,600 M. gallons water;
(17) 10,500 l.f. permanent traffic stripe
(18) 105 stations finishing roadway;
(19) 36 each monuments complete in place.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED.

LOS ANGELES, Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, submitted low bid to the Los Angeles County Board of Supervisors February 4, at $56,750.07, for the improvement of Santa Fe Avenue from Willow Street to the north city limits of Long Beach, under cash contract. PWA project No. 3123, unit 13. The work involves:
(1) 12,300 c.y. excav. (including shaping and removal of trees);
(2) 185,456 sq. ft. 9x7x7x9-in. cement concrete paving;
(3) 2104 sq. ft. 8-in. cement concrete paving;
(4) 116,330 square feet 1½-in. pre-mix paving;
(5) 2134 sq. ft. 5-in. disintegrated rock base;
(6) 191,628 sq. ft. do, variable thickness;
(7) 4642 square feet permanent traffic markers.

The total bids were:
(A) J. E. Haddock, Ltd., $56,750.07.
(B) L. A. Paving Co., $57,001.68.
(C) Geo. R. Curtis Paving Co., $57,-063.52.
(D) Ansco Const. Co., Inc., $58,757.37.
(E) Oswald Bros., $59,209.43.
(F) Griffith Co., $59,803.31.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$.45	$.42	$.38	$.31	$.40	$.48
(2)	.20	.21	.19	.20	.195	.196
(3)	.21	.24	.21	.20	.20	.20
(4)	.045	.04	.03	.053	.05	.04
(5)	.04	.045	.046	.05	.05	.056
(6)	.04	.035	.06	.05	.053	.056
(7)	.15	.20	.35	.34	.35	.35

BIDS WANTED

SAN FRANCISCO.—Until February 13, 1:30 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, S. J. Hester, Chief Deputy Director, under Spec. No. 18835, for constructing an asphaltic sidewalk on the easterly side of Bay Shore Blvd. between Waterloo and Marengo Streets. Estimated cost, $300.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

MARICOPA CO., Ariz.—R. C. Tanner-W. E. Hall Co., 525 Phoenix Title & Trust Bldg., Phoenix, Ariz., were awarded the contract by Arizona State Highway Commission, Phoenix, Jan. 31, at $49,505.53, for improving the Phoenix-Yuma Highway, NHH 16-A (1936), AFE 8029. The work, which extends from 19th Ave. and Buckeye Road westerly 13 miles to the Agua Fria bridges, consists of widening the existing concrete pavement with cut-back plant mix.

The work involves:

(1) 19,083 c.y. roadway excav., unclass., including hauling and spreading;
(2) 14,136 c.y. coarse aggregate base course (CIP);
(3) 4512 c.y. fine do;
(4) 9347 tons plant mix (CIP except cut-back asphalt);
(5) 449 c.y. cut-back asph. (for plant mix and seal Coat) CIP;
(6) 444 c.y. screenings (CIP);
(7) 50 M. gals. sprinkling (CIP);
(8) 50 hours rolling.

The total bids were:

(A) R. C. Tanner and W. E. Hall Co., $49,504.53.
(B) Heafey-Moore Co. and J. A. Casson, Phoenix, $59,463.37.
(C) Pearson & Dickerson, Prescott, Ariz., $63,117.53.
(D) Pleasant-Hasler Const. Co., Phoenix, $67,122.90.
(E) Phoenix-Tempe Stone Co., Phoenix, $71,860.75.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .52	$ .63	$ .67	$ .58	$ .75
(2)	.65	1.03	.85	.96	1.05
(3)	.98	1.05	1.33	1.34	1.30
(4)	1.43	1.70	1.88	2.43	2.50
(5)	24.00	22.50	27.00	26.00	26.00
(6)	3.50	4.00	5.00	4.00	3.15
(7)	2.50	2.50	3.00	2.50	4.00
(8)	3.00	5.00	5.00	3.00	4.00

BIDS WANTED

BONNEVILLE, Ore.—Until Feb. 13, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams, District Engineer, under Bid No. 35-426, for the construction of permanent road system and landscaping at Bonneville.

The work involves:

(1) 7 acres clearing;
(2) 8,000 c.y. Class A borrow;
(3) 35,000 c.y. Class B borrow;
(4) 75,000 c.y. Class C borrow;
(5) 3,000,000 sta. yds. overhaul;
(6) 3,000 c.y. crushed rock or gravel, in place;
(7) 250 hours roller, including fuel, supplies and operator.

Specifications obtainable from above office.

BIDS WANTED

MARIPOSA COUNTY, Cal.—Until Feb. 21, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for constructing a gunite lining in the unlined portions of the Wawona Tunnel, Section A5 of Route 2, the Wawona Road, Yosemite Nat'l. Park, Mariposa County.

The principal item of work is approximately 550 cu. yds. of gunite.

Plans and specifications obtainable from above office upon deposit of $10.

BIDS WANTED

COCONINO COUNTY, Arizona — Until February 20, 2:00 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, N.R.H. 95-J, A.F.E. 8956. The work, which is to begin approximately 38 2/3 miles north of Flagstaff, and extend northerly about 5 miles, consists of the grading, and draining and the placing of select material and aggregate base course. The principal items and approximate quantities are:

15,500 cu. yds. roadway excavation,
1400 cu. yds. roadway excavation;
400 cu. yds. structural excavation;
23,500 cu. yds. borrow exscavation;
1400 cu. yds. imported borrow;
10,400 cu. yds. select material;
13,000 cu. yd. mile select material haul;
15,300 cu. yds. A B C;
270 cu. yds concrete;
19,000 lbs. reinf. steel;
398 lin. ft. C. M. P.;
52,300 lin. ft. special line fence;
9000 lin. ft. grader ditches.

Certified or cashier's check 5%. T. S. O'Connell, State Highway Engineer.

20— MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

BERKELEY, Cal.—National Lead Co., Tenth and Harrison Sts., Oakland, at $552 awarded contract by the Berkeley Board of Education for furnishing paint for the school department.

BIDS OPENED.

OAKLAND, Cal.—Southern Pipe & Casing Co., P. O. Box C, Azusa, at $2,412 submitted low bid to the East Bay Municipal Utility District, Oakland, for furnishing:

(1) 1200 l.f. 20-in. diameter electric welded sheet pipe;
(2) Spun-in-lining for pipe.

Complete bids follow:

Southern Pipe & Casing Co., Azusa: (1) $1,908; (2) $504; total, $2,412.

Steel Tank & Pipe Co., Berkeley: (1) $2,500; (2) $480; total, $2,980.

Montague Pipe & Steel Co., S. F.: (1) $2,484; (2) $624; total, $3,108.

CONTRACTS AWARDED

SAN FRANCISCO — The Southern Pacific Railway Co., 65 Market Street, has awarded contracts totaling $1,156,500, for furnishing steel rail, to the following firms: Columbia Steel Co., Pittsburg, 12,559 tons; Colorado Fuel & Iron Co., Denver, Colo., 7615 tons; Pacific Coast Steel Co. South San Francisco, 6000 tons.

Contracts specified 112 and 131-lb. steel rail, for delivery before June 30.

BIDS OPENED.

SAN FRANCISCO. — Identical bids at prices shown below were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1335, for furnishing rock, sand and gravel for the term February 1 to June 30

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing poles under Bid No. D.P.M 737, were opened by the U. S. Forest Service, 751 S. Figueroa St., Jan 30 Bids were taken as follows:

(1) 400 20-ft. Douglas fir poles,
(2) 350 825-ft. Douglas fir poles.
(3) 10 30-ft. Douglas fir poles.

The bids were:

Westinghouse Elec. Co., (1) $1.78, 259 lbs. each; (2) $2.36, 362 lbs. each, (3) $3.313, 489 lbs.

Texas Creosoting Co., (1) $2.39, 103,600 lbs. total weight; (2) $3.32, 90,500 lbs. total weight; (3) $4.41, 4890 lbs. total weight. Shipping point, Orange, Texas. Southern Pine.

National Lumber & Creosoting Co., (1) $2.66, 122,400 lbs. total weight; (2) $3.64, 104,500 lbs. total weight; (3) $4.59, 5410 lbs. total weight. Shipping point, Houston, Texas.

Jas. L. Hall, (1) $2.79, 210 lbs. each (2) $3.90, 310 lbs. each; (3) $5.20, 420 lbs. each. Shipping point, The Dalles, Oregon; Douglas fir.

E. K. Wood Lumber Co., (1) $3.15, 256 lbs. each; (2) $4.25, 368 lbs. each; (3) $6.00, 503 lbs. each. Shipping point Los Angeles Harbor; Douglas Fir.

G. E. Supply Co., (1) $2.12, 90,400 lbs. total weight; (2) $2.94, 79,000 lbs. total weight; (3) $3.74 4080 lbs. total weight. Shipping point, DeRitter or Shreveport, La.

Graybar Elec. Co. (1) $2.39, 103600 lbs. total weight; (2) $3.32, 90,500 lbs. total weight; (3) $4.41, 4890 lbs. total weight. Shipping point, Kildare, and Lodi, Texas.

Howard W. Baxter, (1) $4.00, 240 lbs. etc; (2) $5.35, 300 lbs. each; (3) $7.10, 450 lbs. each. Shipping point, Wilmington; Douglas Fir.

Consolidated Lumber Co., (1) $3.10, 96,000 lbs. total weight; (2) $4.00, 86,250 lbs. total weight; (3) $5.00, 4750 lbs. total weight. Shipping point, Seattle; Douglas Fir.

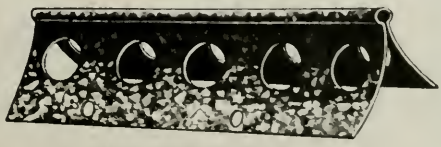
Chas. R. McCormick, (1) $4.10, 90,000 lbs. total weight; (2) $5.55, 81,250 lbs. total weight; (3) $6.85, 4450 lbs. total weight. Shipping point, Wilmington; Douglas Fir.

J. H. Baxter & Co., (1) $4.00, 100,000 lbs. total weight; (2) $5.06, 87,000 lbs. total weight; (3) $6.00, 4500 lbs. total weight. Shipping point, Long Beach; Douglas Fir.

Joslyn Co. of Calif., (1) $2.10, 112,000 lbs. total weight; (2) $2.80, 93750 lbs. total weight; (3) $4.14 5400 lbs. total weight. Shipping point, Wingfield, La.; Southern Pine.

FERNCO GALVANIZED CORNER BEAD

Straight as an Arrow, Manufactured from 26 gauge Prime Galvanized Sheets especially made for us—No Flaking or Peeling of Galvanizing. Manufactured in 6- 7- 8- 9- 10- and 12-foot lengths.



HUMP CORNER BEAD CLIPS

When construction makes it necessary for Wider Flange use clips to lengthen the leg.

THE FERNALD COMPANY
275 Natoma Street, San Francisco - KEarny 0263

Section 4554, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

●

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$30,000,000 Navy Construction Program For Pacific

Bay Crossing Pipeline Bids March 6

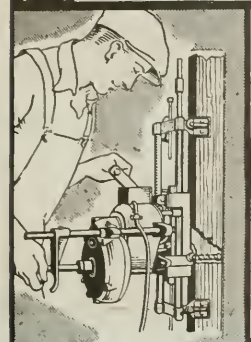
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

XVIII—No. 7

FEBRUARY 16, 1935

WAPPAT Electric TOOLS



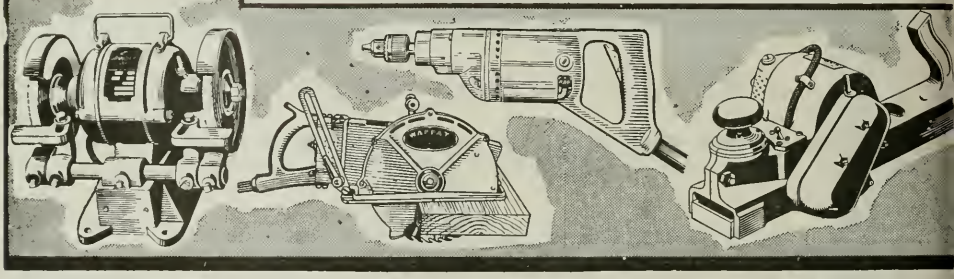
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., FEBRUARY 16, 1935 No. 7

Navy Department Proposes $30,000,000 Construction Program at Pacific Bases

Navy Department construction at Pacific bases to cost more than $30,000,000 during the next two years is promised under an appropriation bill offered Congress yesterday by the House Naval Affairs Committee. Virtually all the money requested for new construction is to be spent in Hawaii and Pacific Coast naval bases, a summary of budget items received here indicates.

The allottments asked for Pacific yards and training station are:

CONSTRUCTION BUDGET

Pearl Harbor	$15,000,000
Puget Sound	4,500,000
Mare Island	4,300,000
San Diego	3,000,000
Coco Solo Submarine Base	2,534,500
Coco Solo and Balboa Ammunition Storage	2,000,000

Chief items in the program follow:

Navy yard, Pearl Harbor, Hawaii loading dry dock, "type B," including berth and mooring facilities and accessories, $10,000,000.

Navy yard, Pearl Harbor, floating dry dock, "type D", including mooring facilities and accessories, $750,000.

Naval ammunition depots, Balboa and Coco Solo, Canal Zone, ammunition storage facilities, including buildings and accessories, $2,000,000.

Navy yard, Mare Island, Calif., storehouse and accessories, $800,000; graving dry dock, services and auxiliary construction, $3,500,000.

Navy yard, Puget Sound, Wash., graving dry dock, services and auxiliary construction, $4,500,000.

Naval training station, San Diego trade school and auditorium buildings and accessories, $475,000.

Submarine Base, Coco Solo, Canal Zone: Replacement of buildings and accessories, $2,534,500.

Navy yard, Mare Island: Time signal station, buildings and accessories, $35,000.

Navy yard, Puget Sound: Purchase of land for foundry extension, $10,000.

Navy yard, Pearl Harbor: Power plant building and accessories, $500,000; cold storage plant building and accessories, $595,000; Industrial shop buildings and accessories, $1,400,000; barracks and mess hall for enlisted men, $225,000; quarters for officers, $72,500; latrine building and accessories, $16,500.

Naval Station, Balboa, C. Z.: Quarters for officers, $176,500; storehouses and administration buildings and accessories, $200,000.

Naval Station, Tutuila, Samoa: Quarters for chief petty officers, $48,000.

Naval Ammunition Depot, Puget Sound: Industrial building and accessories, $100,000.

Naval Training Station, San Diego: Fleet school building and accessories, $120,000.

Submarine Base, Pearl Harbor: Officers' quarters, $95,500.

Naval Air Station, San Diego: Aviation facilities and rifle range, including buildings and accessories San Nicolas and San Clemente islands, $247,000; galley and mess hall for enlisted men, $300,000; barracks for enlisted men, $300,000; hangars, $360,000; general storehouse building and accessories, $300,000; aircraft storehouse building and accessories ,$140,000; quarters for bachelor officers, $200,000; central storehouse building, West Beach, $50,000; garage, West Beach $200,000; equipment storehouse and accessories; $30,000; magazines, $5,000; boat repair building and accessories, $25,000; quarters for officers, $87,000.

SANTA CRUZ BUILDING CODE ACTION DELAYED

Action on the proposed uniform building code for Santa Cruz was postponed indefinitely when the matter came up at a meeting this week of the city council. Motion for postponement of action was made following requests from builders and material dealers for further time to study the code and recommend changes.

Action on an ordinance calling for abolition of all builders' bonds was delayed, due to opposition to the removal of bonds required of plumbers.

ASSOCIATED OIL BUDGETS $750,000 FOR 75 STATIONS

1935 Building Program Double That Of Last Year

Associated Oil Company expenditures for new service station buildings in 1935 will be double those of last year, the company announced yesterday.

The 1935 budget provides $750,000 for erection of 75 new service station units in Pacific Coast cities, C. R. Brown, assistant to the president, stated.

"This program, the most extensive the company has undertaken since 1929, is the direct result of improved business conditions particularly affecting the automobile and petroleum industries," he said.

Among the cities where stations are already under construction are San Francisco, Los Angeles, Santa Clara, Gilroy, Santa Barbara,, Eugene, Portland, Klamath Falls, Seattle, Shelton, Yakima, Tacoma, and Olympia.

Construction work is awarded to local contractors in each city, and materials are purchased from local merchants as far as possible.

Other budget allotments include: Drilling and development in Ventura and San Joaquin fields: $6,300,000; transportation improvements, $523,0000; refinery improvements, $575,000; supplemental items, $600,000, Brown said

The drilling and development appropriation of $6,300,000 is nearly twice that of 1934. It will be expended as follows:

Ventura field, $3,869,000; San Joaquin, including Kern, $1,176,500; southern California, chiefly in Culver City, Huntington Beach and Santa Fe Springs, $858,000; outside California, $400,000.

1934 BLUE EAGLES WILL BE RETAINED

There will not be an issue of 1935 NRA Blue Eagles, it is announced by the National Industrial Recovery Board.

Blue Eagles for particular trades and industries marked "1934" as well as thost issued under the President's Reemployment Agreement, may be used in 1935, the Board has announced.

Statistical Survey of Coded Crafts Started By Construction Authority

The initial step in the distribution of 150,000 questionnaires to as many members of the construction industry, in connection with the Construction Code Authority's active program of collecting statistics, will be undertaken within the next two or three days when there will be mailed out thousands of schedules to members of the electrical, cement-gun, terrazzo and mosaic, resilient floor and kalamein divisions of the industry. Questionnaires to members of other divisions will be sent out as rapidly as the various divisional code authorities complete their work of addressing the envelopes.

The questionnaires, of which there is a special form for each division, have been kept very simple, so that contractors will not be unduly burdened in supplying this highly important information. They are the result of exhaustive study and consideration by the Code Authority's Research and Statistics Committee and Staff Statistician together with its outstanding group of statistical consultants. This group is composed of Thomas S. Holden, vice president in charge of statistics and research of the F. W. Dodge Corp.; Dr. Isador Lubin, commissioner of labor statistics, Dept. of Labor; Colonel Donald H. Sawyer, federal employment stabiliaztion board head, and Peter A. Stone of the NRA Division of Research and Planning.

In addition, representatives of all the Govenmental agencies interested in construction statistics have been called in for advice and opinion and the forms have been submitted to the divisional code authorities for suggestions and approval.

The information which is asked in the schedules includes, in brief, data on the amount of employment and its distribution according to types of projects and the volume of construction as of January, 1934, and January, 1935. The Federal government recognizes the need for this information and it is expected it will be of great usefulness in determining the allocation of the $4,880,000,000 fund to be appropriated in the public works relief bill now pending before Congress. In all instances, the data asked will fill the present gaps in figures on the construction industry and supplement and bring up to date other compilations.

It is to the interest of every member of the construction industry to furnish information on employment from which can be developed a complete and comprehensive picture of the industry's operations. It was stated by Code Authority officials; each individual member is as important in determining the true status of construction as is his fellow contractor. Such a complete compilation can be used as a guide in determining policies for the benefit of each individual in the entire construction industry, it was declared.

The utmost care will be taken, when completed schedules are returned, to keep the reports of individual contractors strictly confidential. In no case will these reports be used for code compliance purposes so there should be no hesitancy among the members of the industry in submitting wage and hour figures from their books. To insure absolute secrecy in this regard, provision has been made for detaching the signatures on questionnaires as soon as they are received by the Construction Code Anthority and before tabulation is made. Also, in accordance with the Code, individual reports will be used only in compiling totals for the entire construction industry.

THEATRE VIOLATES CONTRACTOR CODE

NRA Compliance Division has removed the "Blue Eagle" of Carolina Theatres, Greenwood, South Carolina, for violation of the hour and wage provisions of Chapter I of the Construction Code, it is announced.

Complaints against this company were filed by workers and the concern admitted violation but stated that it had borrowed money and entered into contract for the materials and plans for the structure it was building prior to the effective date of the code which was March 3, 1934, but that matters beyond the control of the company delayed construction. Upon further investigation, it was decided by NRA that no contract had been made prior to the effective date of the code and punitive action was taken accordingly.

This case is seen as establishing an important precedent inasumch as the respondent is not doing construction work as a principal line of business.

NRA RULES ON EXEMPTION ORDER

The application of the Divisional Code Authority for Mason Contractors for termination of the exemption granted in Administrative Order X-36 was denied by NRA on January 29, 1935, in Administrative Order 244-G-20.

On February 5, 1935, NRA issued Administrative Order 244-J-12 terminating the exemption granted in Administrative Order X-36 as it applied to the Resilient Flooring Division of the Construction Industry.

$200,000 WORK PLANNED FOR S. F. AIRPORT

Utilities Commission Authorizes Fund to Pave Runways And Build

Expenditure of $203,000 for development of San Francisco's municipally owned airport during the fiscal year 1935-36 is proposed in the budget report of the Public Utilities Commission as recommended to Mayor Rossi.

Work to be done under the 1935-36 appropriation includes the following:

Paving runways, $121,900. During January United Air Lines landed and took off 1162 planes weighing 18,000 pounds each. Owing to the heavy rains, the crust which now surfaces the runways has broken through under the heavy load, causing some difficulty in landing planes as well as discomfort to passengers. The prospective TWA service, for which even heavier planes are to be used makes a more permanent type of surfacing mandatory, it is reported.

Administration Building, $53,000. Construction of a new administration building will provide space for an airport post office, weather bureau facilities and additional office space.

Water Mains, $15,000. The laying of a 12-inch main to connect with the San Francisco water department system will provide more adequate fire protection than the field now possesses.

In addition to this program, to be financed by the city, the commission has been in communication with federal authorities concerning the prospect of a large government expenditure for development of the airport, including dredging channels, construction of breakwaters, a yacht harbor to serve as a seaplane basin together with the necessary passenger and servicing facilities, and other improvements designed to make the airport a major base for seaplanes.

Bureau Asks Bids For Surfacing Canyon Park Road

Bids will be received by the U. S. Bureau of Public Roads March 7 at Phoenix for placing bituminous crushed rock surfacing on Sections D and E of Cameron-Desert View Approach to Grand Canyon National Park, Coconino county, Arizona.

The length of the project is 14.437 miles and will involve major items of 11,000 tons subgrade reinforcement; 4,000 tons crushed material for shoulders; 23,500 tons bituminous treated crushed rock; 380 tons applying government furnished asphaltic material.

Bids will be opened at San Francisco, February 26 for furnishing the asphaltic material.

DOYLE-JOHANNS LOW BIDDERS ON CONCRETE BRIDGE

Ten Proposals Received For Monterey Highway Construction Contract

SACRAMENTO, Feb. 13. — Ten contractors today offered bids to the State Highway Commission for construction of a reinforced concrete bridge across Malpaso Creek, 9 miles south of Monterey. The low figure was a joint bid by Thos. J. Doyle and Theodore Johanns of San Francisco, at $23,737.

Complete total bids follow:

Thos. J. Doyle and Theo. Johanns, San Francisco	$23,737
A. H. Selmer and John Carcano, San Anselmo	24,549
C. W. Callettl & Co., San Rafael	26,908
B. A. Hawkins and Co., San Francisco	27,835
L. C. Siedel, Oakland	28,414
M. B. McGowan, Inc., S. F.	28,646
Bohenhamer Const. Co., Oakland	29,936
Harry J. Oser, San Francisco	31,363
Lynch-Cannon Engr. Co., Los Angeles	32,472
F. C. Amoroso & Sons, S. F.	32,874

The contract is for construction of one 117-foot open spandrel arch span and six 13-ft. 10-in. approach spans.

SERA Approves 1085 Project Applications During Five Weeks

During the five weeks ending Jan. 31, 1935, the engineering division approved 1,085 applications for work projects, bringing the total of approvals to 4,693, according to Frank Y. McLaughlin, SERA Administrator This is at the rate of 41 approvals for each working day of the period, as against 30 a day for the preceding month.

The approved applications represent 3,770 separate projects of which 1,098 have been completed. The estimated cost of all projects approved to date is $56,779,795, of which amount the local governmental units involved have agreed to furnish $12,714,376.

Among the day - labor building jobs authorized during the month, were the following:

Tehama County: Salvage of brick from three county jails to be hauled to Corning for construction of proposed city hall.

Butte County: Preparation of site and concrete and rough carpentry work for Gridley elementary school building.

Alameda County: Rehabilitation of Hawthorne and Edison nursery schools, Berkeley.

Stanislaus County: Girls' recreation club house construction at Modesto.

Design Staff for Berkeley School Rebuilding Named

Appointment of architects and engineers to supervise the Berkeley school district rehabilitation program is announced by the school directors, coincident with approval of an increase of $39,692 in the current budget to be used for school building reconstruction. The board also authorized preparation of plans for Longfellow elementary school.

The new school will be built as soon as money is available from the next fiscal year budget.

John Reid, Jr., was appointed architect for the Longfellow school at a fee not to exceed $5000. W. C. Ambrose named chief architectural draftsman for the same building at a rate of $2 per hour, if and as required, with a maximum pay of $350 per month.

Other appointments to the architectural and engineering staff for rehabilitation work include:

Thomas F. Chace, engineer and supervisor of construction, $2.50 per hour, maximum of $500 per month; Eldridge T. Spencer, consulting architect, $2.50 per hour, maximum of $500 per month; H. T. Howard, architectural draftsman, $1.50 per hour, maximum of $350 per month; Charles D. Elfers, engineer draftsman, $1 per hour, maximum $200 per month; Chas. North and Gustave Aaron, inspectors and draftsman, $1 per hour, maximum of $225 per month.

Code Minimum Wage Reduction Asked for South

Exemption of eleven southern states from provisions of the Construction Code setting a 40-cent minimum hourly wage has been recommended to NRA by the Construction Code Authority. The authority recommends that the minimum be set at not less than 30 cents in the states of North Carolina, South Carolina, Georgia, Alabama, Florida, Tennessee, Louisiana, Mississippi, Texas, Arkansas and Kentucky.

Unskilled labor rates in the south fixed by other codes are generally below the rates fixed by the Construction Code, the Code Authority asserted. As a result other industries are doing necessary work on their own account, particularly maintenance and repair, thereby eliminating contractors.

The 40-cent wage represented as high as 100 percent increase in the average wage for unskilled labor paid heretofore and is too great an increase to be assimilated at once, it is declared.

200 EXCHANGE MEMBERS AT CHICO MEETING

Valley Cities All Represented In Code and Legislative Conference

More than two hundred contractors representing all the principal towns of the Sacramento valley attended an all-day conference at Chico last Saturday sponsored by the Chico Builders' Exchange.

W. J. Shatz, president of the Chico Exchange, opened the gathering at 10:30 A. M., in the Memorial Hall. The morning session was devoted to craft conferences on the subject of code administration. Craft chairmen were: Floyd O. Booe, general contractors; H. T. Brooks, plasterers; B. G. Howerton, painters; Lon Stultz, plumbers; Del O'Connor, electricians; Fred Hignell, roofers; Geo. Hall, heating contractors; George Frost, sheet metal contractors; Joe Brown cement contractors.

State Senator Charles H. Deuel acted as chairman of the luncheon meeting held at the Hotel Oaks. Speakers at the luncheon were Lester M. Osborn, secretary of the Chico Chamber of Commerce, Frank McVeigh, field agent for the Federal Housing Administration, Mano Zan, code coordinator for the State Contractors License Bureau; State Senator Thomas Scollan of Sacramento.

The delegates reconvened at Memorial Hall in the afternoon with Allyn Burr, president of the Sacramento Builders' Exchange, as chairman.

Floyd O. Booe, executive secretary of the State Administrative Agency for General Contractors, spoke on the subject of national and state legislative programs for the construction industry. Munsen Deuprey, former NRA assistant administrator in charge of construction codes and now code advisor to the general contractors, followed Mr. Booe on the program, conducting an open forum on code subjects.

Mano Zan told the convention of the San Francisco Central Bid Depository plan and the possibility of its gradual extension to all principal cities of the state as a means of making code provisions effective for the protection of bidders.

Before adjourning, the conference adopted resolutions opposing plans of the Federal government to expend any large public works appropriation by force account methods and endorsed the amendment offered by Senator McCarran of Nevada to require competitive bids by private contractors on all projects where more than ten per cent of the employes required are skilled workmen.

Delegations were present from Yreka, Willows, Red Bluff, Corning Orland, Willows, Mt. Shasta, Oroville, Nevada City, Grass Valley, Marysville, Sacramento, Gridley, and Colusa.

WM. SPIVOCK LOW ON POSTOFFICE AT SAN RAFAEL

Geo. Petersen Gets Woodland Building on Revised Figure

William Spivock of San Francisco yesterday submitted low bid to the Treasury Department in Washington, D. C., for construction of the San Rafael post office. Amount of the low bid was $35,500.

Second and third low bids, respectively, were submitted by F. J. Reilly at $35,830 and Leo Epp at $36,940.

The San Rafael post office is to be a one-story and basement reinforced concrete building with plaster exterior, slate roof, tile trim, and cast stone steps, and will contain a mezzanine floor to provide washrooms and cloak rooms.

A telegraphic change of bid Saturday made George Petersen of San Leandro low bidder on the Woodland post office, with a proposal of $39,800. K. E. Parker Co. of San Francisco, was reported low bidder originally for the work, at $40,270.

The Treasury Department opened bids Friday for the San Mateo post office, the low bidder being Frank J. Reilly of San Francisco, who submitted a proposal of $50,980 for the work. William Spivock at $51,719 and K. E. Parker Company at $53,200 submitted second and third low bids, respectively.

Yesterday bids were opened also for construction of the post office at Compton. For this contract Robt. E. McKee, Los Angeles, submitted a low bid of $54,100. Theodore A. Beyer Corporation was second, at $56,949.

L. A. FLOOD CONTROL ENGINEER APPOINTED

C. H. Howell of Albuquerque, N. M., who has been appointed chief engineer of the Los Angeles Flood Control District, was chief engineer for the Middle Rio Grande Conservancy District in New Mexico from 1933 until his appointment.

He is a graduate of University of Illinois with the class of 1905 and practically all of his work has been with irrigation and water conservation projects. He was with the Bureau of Reclamation 12 years. From 1929 to 1933 he was chief engineer for the J. G. White Engineering Corp., in Mexico City.

Samuel M. Fisher, whom Mr. Howell succeeds, is to be retained as chief dam engineer for the flood control district. Mr. Fisher acted as chief engineer following the resignation of E. C. Eaton several months ago. The salary of the chief engineer is $9000 a year.

F. E. Trask, former state PWA engineer for California, has been engaged as consulting engineer for the district to serve any 100 days in the year which may be designated by the board of directors.

Water Department Calls Bids on Submarine Section of Bay Crossing

Construction of the submarine section of the Bay Crossing Pipeline No. 2 for the San Francisco Water Department is beinf advertised for bids to be received March 6. The contract is one financed with PWA money and bonds of the 1933 public utilities issue.

O(ther sections of the pipe line are under construction by Western Pipe &Steel Company and American Concrete and Steel Pipe Company. A timber trestle to carry the line through tidelands is under contract to Barrett & Hilp.

The submarine section will be a double line of 54-inch pipe approximately 2800 feet in length to be laid across San Francisco Bay at Dumbarton Strait. The section is between a point about 3 and one-half miles west of Newark, Alameda county, and the existing caisson at the easterly end of the San Francisco Water Department steel bridge, approximately seven miles east of Redwood City, San Mateo county. The contract includes also laying a single line of 54-inch pipe approximately 435 feet line across Newark Slough, about 2 miles west of Newark.

The work will include installing connections with the 60-inch and 76-inch pipe on the bridge through the caisson to the submarine outlets and connections with the existing 60-inch pipe and the 66-inch pipe now being constructed on the Alameda side of the bay.

Chief Engineer Nelson A. Eckart has determined three alternative propositions on which bids will be received.

Proposal "A". The line shall consist of pipe with flanged joints supported on submarine pile trestles. The pipe shall be fabricated of ¾-inch steel plates, coated outside with bituminous enamel and a jacket of reinforced gunite, six inches thick. The inside of the pipe shall be coated with a spun bituminous enamel lining. The length of sections to be fabricated and laid is optional with the contractor. Joints will be made by means of flanges, bolted up under water and encased in blocks of termie concrete. The pile trestle supporting the pipe shall be composed of pile bents spaced generally on 20-foot centers, placed in trenches dredged for the purpose; trenches to be backfilled with exacavated material.

Proposal "B". The line shall consist of cast iron pipe coated inside and outside with bituminous enamel and having special filexible joints. The pipe walls shall be two and one-half inches in thickness, except as otherwise provided in specifications, and is to be laid in not less than 12-foot lengths. Each line is to be laid in a dredged trench on a crushed rock fill; trench to be backfilled with excavated material.

Proposal "C". The line shall consist of a flexible joint steel cylinder concrete pipe. The steel cylinder shall be ¾-inch thick, covered on the outside with a coating of bituminous enamel and a reinforced concrete jacket four inches thick, and on the inside with a centrifugally spun concrete lining two inches thick. The laying length of each section shall be not less than 12 feet. Requirements for excavation, rock fill and backfill and joints are the same as in Proposal "B".

Required excavation between share lines is estimated at from 106,000 cu. yds. to 140,000 cu. yds. under alternative propositions. Rock fill if alternatives "B" or "C" is selected will approximate 25,000 yards. Proposition "A" would require 52,000 lin. ft. of treated piles and 80,000 f.b.m. treated timber; 1425 cu. yds. Class A concrete, placed by tremie.

The contract will include installing gate valves and operating mechanism furnished by the city, furnishing and installing valves, fittings and auxiliary piping for water motors and ejector, power plant and electrical work.

WATER DISTRICT ASKS PUMP BIDS

Bids for the construction of two pumping plants at the site of the Vasona percolation dam on Los Gatos creek are to be opened Feb. 19 in San Jose by directors of the Santa Clara Valley Water Conservation District.

The new pumps will replace units at the Doetsch and Lester wells, which were covered at the time of construction of the Vasona Dam. At that time it was agreed that they would be replaced with equipment of equal quality, and following PWA approval of the work last week bids were asked.

The work includes furnishing and installing three deep well pumps, including motors and wiring, and construction of steel supporting towers and metal pump houses.

ENGINEERS NAMED FOR NEVADA BOARD

Appointment of a board of registered professional engineers, authorized by the Nevada legislature in 1919 but neve carried out until the present time, has been announced by Governor Richard Kirman of that state. Chief duty of the board, which will serve without pay, will be issuance of certificates of qualification to engineers.

Those appointed on the board are Arthur R. Thompson of Las Vegas, representing highway engineering; Charles G. Walker of Beatty, mining; John A. Fulton of Reno mining and mechanical; L. A. Harris of Eureka, electrical; G. W. Malone of Carson, hydraulic and civil.

GROUP NAMED TO RECOMMEND LEGISLATION

Representatives of All Branches In Industry Form Committee to Watch Laws

Appointment of a general committee to investigate all state legislation affecting the building industry and to advise with the building and construction committees of the legislature is announced by Mano Zan, chairman of the San Francisco Construction Divisions Conference.

Mr. Zan was directed to name the committee at a conference luncheon held Friday, where Assemblyman Jefferson Peyser, chairman of the assembly building and construction committee, was a guest speaker He requested the cooperation of authorized spokesmen for the several divisions of the industry in reviewing the bills affecting the industry. These include amendments of the state contractor's license law, bills relating to the architectural and engineering professions and bills to extend enforcement of Federal codes of fair competition.

The construction industry has obtained at this session, for the first time, appointment of standing committees in both houses of the state legislature to whom all bills affecting the industry will be referred. As a consequence it will be possible to formulate a legislative program and carry it forward without having it sidetracked by committees which are concerned primarily with other legislation.

In order that these two committees of the legislature may have direct contact with all organized groups of the industry the Construction Divisions Conference directed that a representative legislative committee be appointed. This committee will meet with the legislators during the recess to offer recommendations and the members will watch the progress of bill when the legislature reconvenes

Charles C. Langlais, former president of the Electrical Contractors Association of Northern California, is chairman of the legislative committee. The other members and the groups they represent are: Wm. I. Garren architects; H. J. Bunnier, structural engineers; J. F. Barrett, William E. Hague, Floyd O. Booe, William Coughlan, general contractors; Peter Bradley, plasterers; Harold Bertram, plumbers; J. A. Bender, roofers; Ernest Batchelor, painters; A. C. Vensano, civil engineers; R. A. Hudson, building equipment engineers; A. C. Rodoni, heating and ventilating contractors; L. R. Steinberg, ornamental iron; Joseph Fratessa, tile contractors.

The following compose the Building and Construction committees of the legislature:

SENATE: Frank L. Gordon (chairman), Napa and Yolo counties; Edward Fletcher, San Diego; Charles King, Kings; Harry A. Perry, Humboldt; Dan E. Williams, Tuolumne Mariposa, Calaveras; Thomas Scollan, Sacramento; John B. McCall, Trinity and Shasta.

ASSEMBLY: Jefferson Peyser, (chairman) San Francisco; Gene Flint, Los Angeles; A. Franklin Glover, Los Angeles; Frank G. Martin, Altadena; Frederick Peterson, Burlingame; Ralph L. Welch, Los Angeles.

START ERECTION OF A-FRAMES ON BAY ANCHORAGE

Concrete at 235-ft. Level in Center Pier; Steel Contractor Placing Cable Ties

The concrete center anchorage, midway between San Francisco and Yerba Buena Island, on the San Francisco-Oakland Bay Bridge, was last week turned over to the Columbia Steel Company by Trans bay Construction Company for the erection of the steel A-frames to which will be anchored the cables, according to the weekly progress report of Chief Engineer C. H. Purcell.

Completed up to the level of the lower deck, 235 feet above water, this concrete monolith will now be fitted with two steel A-frames of huge proportions. These A-frames will be held in place by great steel eyebars set into recesses in the concrete walls and encased in concrete. The two A-frames will be embedded in concrete after being fitted with thirty-seven sets of eyebars to which will be attached the strands of each of the two pairs of cables to the east and west.

Derricks will be erected beginning this week on the center anchorage preparatory to raising the steel members of the A-frame.

San Francisco

Wrecking the buildings in the right of way of the bridge is now well under way by Healy-Tibbitts Construction Company.

West Bay Superstructure

Catwalks for the western suspension bridge will soon be under way.

Tower W-5 of the east suspension bridge is eighty per cent complete.

Yerba Buena Island

The concrete side walls of Yerba Buena Island vehicular tunnel are now sixty per cent completed by Clinton Construction Company.

East Bay Superstructure

On Yerba Buena Island, the Columbia Steel Company has the second steel span ninety per cent completed.

Span E-8, the first of the 508-ft. spans were under construction last week and two panels erected. This through-truss span is 84 feet from its bottom chord to the top chord.

Concrete flooring of both decks of Span E-22 was completed last week.

BOARD OKEHS 2535 VETERANS HOME LOANS

Applications Distributed For Final Review Before Money Is Released

John P. Brennan, chairman of the State Veterans Welfare Board, has announced tentative approval by the board of 2,535 home loan applications, which will be eligible for financing with proceeds of the $30,000,000 bond issue voted last November.

The applications have been forwarded to district offices at San Francisco, Oakland, Sacramento, Fresno and Los Angeles for review. All applications have been considered up to the forty-two thousand series and will be completed in numerical order.

The board is prepared to make loans rapidly after the bonds have been sold, Mr. Brennan said.

The number of applications forwarded to each district was as follows:

Los Angeles district	1,125
San Francisco district	689
Oakland district	306
Sacramento district	269
Fresno district	146

State Labor Law Survey Continued As SERA Project

Additional SERA funds have been appropriated to continue a study of labor and law in California since 1930. This project covers labor legislation, its judicial interpretation, administration, and enforcement, indicating in what fields new labor legislation is needed and feasible in California

Included in the project is a survey of the administration and enforcement of labor provisions of the NIRA Codes. This survey has been conducted by means of 2800 questionnaires.

To date this project has prepared drafts of labor laws to be presented at the present session of legislature. Drafts have been completed for bills regulating hours of labor for truck drivers, farm laborers lien, and a rest day a week for laborers.

The project is sponsored by the Division of Law Enforcement, Department of Public Relations, State of California and under the supervision of Herbert Rosner.

This project is in operation in both Alameda and San Francisco counties.

ATHERTON ENGINEER.

James S. James, former San Mateo county engineer, has been appointed city engineer of Atherton by the town council.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
113	Johnson	Owner	3000
114	Shiller	Mooney	1500
115	Schreyer	Owner	1000
116	McNear	Coburn	1000
117	Malfanti	——	2000
118	Schmidt	Owner	7000
119	Fuller	Wilhelm	3200
120	Johnson	Owner	3000
121	St. Francis	Electric	1000
122	Bothin	Mattock	3000
123	St. Francis	Electric	1500
124	Glucksman	Malloch	2000
125	Schick	Owner	5000
126	Peterson	Peterson	3000
127	Buckley	Owner	5000
128	Lauriston	Royal	2000
129	Lurie	Jones	2100
130	Merlo	DeLucchi	4000
131	Anza	Owner	3000
132	Allied	Jacks	1950
133	Peterson	Owner	4000
134	Anza	Owner	3000
135	Anza	Owner	3000
136	Richmond	Coburn	1200
137	McCarthy	Anza	3000
138	Seher	Strate	4000
139	McCarthy	Anza	3000
140	Chase	Owner	20000

DWELLING
(113) E EIGHTEENTH AVE. 150 S Vicente St. One-story and basement dwelling.
Owner—S. F. Johnson, 2601 17th Ave. San Francisco.
Architect—Not Given. $3000

REPAIRS
(114) NO. 1056 CAPP ST. Repair fire damage to flats.
Owner—I. Shiller, Premises.
Architect—Not Given.
Contractor—W. J. Mooney, 68 Belcher St., San Francisco. $1500

DWELLING
(115) W BACHE ST. 75 S Benton St. One-story and basement frame dwelling.
Owner—Charlotte Schreyer, 131 Porter St., San Francisco.
Architect—Not Given. $1000

REPAIRS
(116) NO. 531 CALIFORNIA ST. Repair fire damage to restaurant.
Owner—F. McNear, 2048 Market St., San Francisco.
Architect—Not Given.
Contractor—Ira Coburn, 2048 Market St., San Francisco. $1000

ALTERATIONS
(117) NO. 820 MISSION ST. Alter store.
Owner—J. Malfanti et al, % Architect
Architect—Carl Gellfuss, 1095 Market St., San Francisco.
Contractor—Not Awarded. $2000

ALTERATIONS
(118) NO. 461 SECOND ST. AND 385 Bryant St. Alter printing plant.
Owner—Schmidt Lithograph Co., Inc., Premises.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco. $7000

ALTERATIONS
(119) NO. 350 TOWNSEND ST. Alter warehouse.
Owner—W. P. Fuller & Co., 301 Mission St., San Francisco.
Architect—Not Given.
Contractor—A. H. Wilhelm, 666 Mission St., S. F. $3200

DWELLING
(120) E EIGHTEENTH AVE. 125 S Vicente St. One-story and basement dwelling.
Owner—S. F. Johnson, 2601 17th Ave. San Francisco.
Architect—Not Given. $3000

SIGN
(121) NO. 965 MARKET ST. Electric sign.
Owner—St. Francis Theatre, Prem.
Architect—Not Given.
Contractor—Electrical Products Corp. 255 Golden Gate Ave. $1000

ALTERATIONS
(122) NO. 1170 HOWARD ST. Alter warehouse.
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $3000

SIGN
(123) NO. 965 MARKET ST Electric sign.
Owner—St. Francis Theatre, Prem.
Architect—Not Given.
Contractor—Electrical Products Corp. 255 Golden Gate Ave., $1500

ALTERATIONS
(124) NO. 1035 POST ST. Alter store
Owner — M. E. Glucksman, % Contractor.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $2000

INDUSTRIAL BLDG.
(125) N CLEMENTINA ST. 230 E Third St. Class B industrial building.
Owner—H. M. Schick Products Co., 235 Tehama St., San Francisco.
Architect—Martin Rist, 944 Phelan Bldg., San Francisco. $5000

DWELLING
(126) N TWENTY-SIXTH ST. 108 E Douglas St. One-story and basement frame dwelling.
Owner—Olga Peterson, 4386 26th St., San Francisco.
Architect—Not Given.
Contractor — Gust L. Peterson, 4386 26th St., San Francisco. $3000

ALTERATIONS
(127) NE EVANS AND QUINT STS. Alter warehouse.
Owner—F. S. Buckley, % Architect.
Architect — Benjamin Schreyer, 565 Sutter St. Cost., Approx. $5000

ALTERATIONS
(128) NO. 457 POWELL STREET. Alter store
Owner—Lauriston Investment Co., 500 Monadnock Bldg., San Francisco.
Architect—Edward C. Bolles, 681 Market St., San Francisco.
Contractor—Royal Show Case Co., 770 McAllister St., S. F. $2000

STATION
(129) SE IRVING ST. AND 15th Ave. One-story steel service station.
Owner—The Lurie Co., 333 Montgomery St., San Frncisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco. $2100

ALTERATIONS
(130) SW SAN BRUNO AVE. AND Woolsey St. Alter flats.
Owner—N. Merlo, 131 Woolsey St., St., San Francisco.
Architect—Not Given.
Contractor—Richard DeLucchi & Co., 2375 San Bruno Ave. $4000

DWELLING
(131) W THIRTY-SECOND AVE 300 N Balboa St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect—Not Given. $3000

REPAIRS
(132) NO. 342 MASON ST. Repair fire damage to hotel.
Owner—Allied Properties, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 74 New Montgomery St., S. F. $1950

DWELLING
(133) NW CAYUGA & SAN JUAN. One-story and basement frame dwelling.
Owner—A. K. Peterson, 60 Cotter St., San Francisco.
Architect—Not Given. $4000

DWELLING
(134) W THIRTY-SECOND AVE. 125 S Anza St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(135) W THIRTY-SECOND AVE 325 N Balboa St. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(136) SW ARGUELLO BLVD. AND Clement St. Alter stores and hall
Owner — Richmond Masonic Temple Co. of S. F., % Architect.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Contractor—Ira W. Coburn, 2048 Market St., S. F. $1200

DWELLING
(137) E TWENTY-SECOND AVE. 50 S Judah St. One-story and basement frame dwelling.
Owner—G. H. McCarthy, 1498 36th Ave., San Francisco.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 5408 Geary St., S. F. $3000

DWELLING
(138) NW FARRAGUT & MONETA Way. Two-story and basement frame dwelling.
Owner—W. Seher, 234 Silver Ave., San Francisco.
Architect—Not Given.
Contractor—A. Strate, 234 Silver Ave. San Francisco. $4000

DWELLING
(139) E TWENTY-SECOND AVE 75 S Judah St. One-story and basement frame dwelling.
Owner—G. H. McCarthy, 1498 36th Ave., San Francisco.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 5408 Geary St., S. F. $3000

ALTERATIONS
(140) NO. 111 O'FARRELL STREET Alter stores and offices.
Owner—Geo. Q. Chase, Kohler & Chase, 26 O'Farrell St., S. F.
Architect—Not Given. $20,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
70	Clarke	Benassini	1000
71	Starr	Hammarberg	6000
72	Central	Owner	1000
73	Fisher	Christensen	3000
74	Scanlon	Dooley	5000
75	Walker	Walker	4750
76	Bonds	Owner	1000
77	Makower	Shapiro	6000
78	Hufschmidt	Owner	4500
79	Day	Owner	1450
82	Capdevielle	Addison	1500
83	Patterson	Sullivan	2500
84	Leamington	Owner	1955
85	Hubbard	Owner	4000
86	Freeman	Hein	12000
87	Babtesto	Casqueiro	1000
88	Crane	Crane	6000

ALTERATIONS
(70) NO. 695 FORTY-SIXTH ST., **OAKLAND.** Alterations.
Owner—M. E. Clarke, Premises.
Architect—Not Given.
Contractor—Joe. Benassini, 720 51st St., Oakland. $1000

DWELLING
(71) NO. 1963 OAKVIEW DRIVE, **OAKLAND.** Two-story 6-room dwelling.
Owner—A. G. Starr, 2126 St. Jarlith St., Oakland.
Architect—Not Given.
Contractor—Albert Hammarberg, 2340 LeConte Ave., Berkeley. $6000

ALTERATIONS
(72) NO. 436 FOURTEENTH ST., **OAKLAND.** Alteratona.
Owner—Central Bank of Oakland, 14th and Broadway, Oakland.
Architect—Not Given. $1000

ADDITION
(73) NO. 6901 FOOTHILL BLVD., ... **OAKLAND.** Brick addition.
Owner—Fisher Body Co., Premises.
Architect—A. Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland $3000

DWELLING
(74) NO. 4035 OAKMORE ROAD, **OAKLAND.** One-story seven-room dwelling.
Owner—Thos. E. Scanlon, 2239 Colma St., Oakland.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland. $5000

DWELLING
(75) NO. 726 GRIZZLY PEAK BLVD **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—C. Walker, 1709 Grove Street, Berkeley.
Architect — Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. W. Walker, 1709 Grove St., Berkeley. $4750

ALTERATIONS
(76) NO. 671 SPRUCE ST., **BERKELEY.** Alterations.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $1000

DWELLING
(77) NO. 670 CRAGMONT AVENUE, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—A. Makower, 2419 Durant Ave Berkeley.
Architect—Not Given.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $6000

DWELLING
(78) NO. 331 VERNON ST., **OAKLAND.** One-story 6-room dwg.
Owner — Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Not Given. $4500

ALTERATIONS
(79) NO. 835-837 ATHENS STREET, **OAKLAND.** Alter apartments.
Owner—Malcolm Day, 839 Athens St., Oakland.
Architect—Not Given. $1450

LAUNDRY
(82) NO. 5334 BOND ST., **OAKLAND** One-story brick laundry.
Owner—Eugene Capdeville, 3335 68th Ave., Oakland.
Architect—Not Given.
Contractor — Geo. W. Addison, 4000 Maybelle Ave. $1500

REPAIRS
(83) NO. 5434 E-FOURTEENTH ST. **OAKLAND.** Fire repairs.
Owner — E. R. and Anna Patterson, 5434 E-14th St., Oakland.
Architect—Not Given.
Contractor — Lawrence C. Sullivan, Ltd., 3909 Loma Vista Ave., Oakland. $2500

ALTERATIONS
(84) SE NINETEENTH & FRANKlin Sts., **OAKLAND...** Alterations
Owner—Leamington Inc.
Architect—Not Given. $1935

DWELLING
(85) NO. 439 SPRUCE ST., **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(86) NO. 8 MARR AVE., **OAKLAND** Twelve-room dwelling.
Owner — W. B. Freeman, 653 Blair Ave., Oakland.
Architect—J. B. Norris.
Contractor—John F. Hein, 4135 Gilbert St., Oakland. $12,000

ALTERATIONS
(87) NO. 1430 THIRTY-SECOND ST. **OAKLAND.** Aterations.
Owner—J. Babtesto, Premises.
Architect—Not Given.
Contractor—A. Casqueiro, 2851 75th Ave., Oakland. $1000

DWELLING
(88) NO. 1473 LE ROY AVE., **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—C. B. Crane, 2673 Hilgard St., Berkeley.
Architect—Not Given.
Contractor—P. L. Crane, 1569 Arch St., Berkeley. $6000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
24	Tinney	Morris	137
25	Pacific	Fahlstrom	797
26	Duminy	Seymour	4575
27	Pacific	Seymour	1738

ALTERATIONS
(24) NO. 2164 SEVENTEENTH AVE. Alter sun porch, including structural reinforcements and paint front room, dining room, hall ,rear hall, bedroom, sun porch, north bedroom and rear porch.
Owner—Ruth and Daniel Tinney, 2164 17th Ave., San Francisco.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 1226 Ulloa St., San Francisco.
Filed Feb. 9, '35. Dated Jan. 25, '35.
HOLC contract .....
TOTAL COST, $137
Bond, $137. Surety, Central Surety & Insurance Corp. Limit, forfeit, plans and specifications, none.

WRECK BUILDING
(25) NO. 523-537 PINE ST. All work for demolishing building.
Owner—Pacific Telephone & Telegraph Co., 444 Bush St., San Francisco.
Architect—Not Given.
Contractor—John Fahlstrom & Co., 365 Bay Shore Blvd., S. F.
Filed Feb. 8, '35. Dated Feb. 5, '35.
On completion 75%
Usual 35 days..... Balance
TOTAL COST, $797
Bond, $1500. Surety, Pacific Indemnity Co. Limit, 12 days. Forfeit, none. Specifications only filed.

ALTERATIONS
(26) NO. 757-759 MARKET STREET New store front and interior alterations, including plumbing, electric work, mill work, plastering, vestibule flooring, plate glass white metal work, hardware, painting ceilings, sanding floor, electric reflectors and skylights.
Owner—Vera Duminy.
Architect—Not Given.
Contractor—Seymour Show Case and Fixture Corp., 604 Mission St., San Francisco.
Filed Feb. 9, '35. Dated Feb. 8, '35.
Partitions and flooring removed and store front framed.....$1143.75
Electric wiring, roughing for plumbing and metal sash, bars & plate glass in show windows installed $1278.50
When complete 1000.00
Usual 35 days..... 1143.75
TOTAL COST, $4575.00
Bond, $4575. Surety, United States Fidelity & Guarantee Co., Baltimore, Md. Limit, 30 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(27) NO. 316 POST ST. All work for painting, finishing and tinting store.
Owner—Pacific States Savings & Loan Co., 745 Market St., S. F.
Architect—Not Given.
Contractor — Seymour Show Case & Fixture Corp., 604 Mission St., San Francisco.
Filed Feb. 11, '35: Dated ———.
Usual 35 days.....$1738
TOTAL COST, $1738
Bond, none. Limit, 2 weeks. Forfeit, none. Plans and specifications none.

SAN FRANCISCO UNDER $1000

ALTER flats, $100; 984 Harrison St., owner, Mrs. Spirz, 66 Langton St.; contractor, L. M. Coggins, 1128 Oak St.

BILLBOARD, $6.25; S Bay 27 E Hyde St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50;S Fulton 125 E Octavia Street; owner, Foster and Kleiser Co., 175 Eddy St.

BILLBOARD, $12.50; NW Fourth and Clementina Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; S Pacific 162 W Mason St.; owner, Foster & Kleier Co., 1675 Eddy St.

SIGN, electric, $450; 51 Stockton St.; owner, Fashion Bootery, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER flats, $150; 25 Bergen Street; owner, B. Beviaqua, Premises.

ALTER flats, $350; 381 Lexington St.; owner, C. J. Willeman, Premises.

ALTER restaurant, $500; 2615 Mission St.; owner, Wm. Freeman, Prem. contractor, Royal Show Case Co., 770 McAllister St.

ALTER dwelling, $250; 624 De Hard; owner, Mrs. Mary Balsl, Prem.;

SIGN, electric, $10; 7 Fifth Street; owner, Alphonso Feroleto, Prem.; contractor, Severin Elec. Co.; 172 Clara Street.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Calif.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

FEBRUARY 13, 2 P. M.

BID NO. 1931: Fob bidder's shipping point and/or Alturas: (1) 949 ft. rubber insulated lead covered cable; (2) 1,343 ft. 3 pr. do; (3) 258 ft. 4 pr. do; (4) 258 ft. 5 pr. do.

BID NO. 1932: Fob bidder's shipping point and/ or Fresno: (1) 2,750 ft. 3 pr. rubber insulated, lead covered cable; (2) 700 ft. 4 pr. do; (3) 850 ft. 6 pr. do; (4) 1,100 ft. 8 pr. do; (5) 1,400 ft. 11 pr. do.

BID NO. 1911: Fob bidder's shipping point and/or Yreka; 1 moldboard assembly, complete.

BID NO. 1924: Fob bidder's shipping point and/or Los Angeles: (1) 32 ft. CMP culverts; (2) 15 ft. multi-plate arch culvert; (3) 1 48-inch band coupling.

BID NO. 1910: Fob bidder's shipping point and/or Yreka; 1 moldboard assembly, complete.

BID NO. 1928: Fob East Bay shipping point of bidder: 25 ft. multi-plate arch culvert, CMP.

BID NO. 1929: Fob East Bay shipping point of bidder: 55 ft. CMP multi-plate arch culvert.

BID NO. 1923: Fob East Bay shipping point of bidder: (1) 2080 ft. corrugate metal pipe culvert; (2) 80 band couplings.

FEBRUARY 14, 2 P. M.

BID NO. 1907: Fob bidder's shipping point and/or Yreka: (1) one 3-phase electric motor, 110 volt, 60 cycle, 5-hp.; (2) one do, ¾-hp.; (3) one do, ½-hp.

BID NO. 1908: Fob bidder's shipping point and/or Fresno: (1) 1 new or used electric motor, 15-hp., of either 220 volt, single phase AC 1750 rpm, 60 cycle or 440 volt, 3-phase, AC 1750 rpm, 60 cycle.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until Feb. 28, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for transporting reinforcement steel and miscellaneous iron and steel to the site of work (along the Colorado River Aqueduct), from railway stations convenient thereto, in accordance with Spec. No. 88. Copies of the specifications obtainable at Room 1007, 306 W. 3rd St., upon payment of $2.

Bids will be received for transporting the reinforcement steel and miscellaneous iron and steel required prior to Jan. 1, 1936, amounting to approximately 29,000 tons, and also for transporting the entire amount required prior to Jan. 1, 1939, amounting to approximately 73,000 tons.

Each proposal must be accompanied by a certified or cashier's check made payable to the Metropolitan Water District in an amount not less than 10 cents per ton for the total number of tons which the bidder offers to transport under the several items bid upon; provided, however, that when bids are submitted for the same items in corresponding schedules for the two time-periods the amount of said check shall be based only on the total number of tons which the bidder offers to transport over the longer period of time, and in no case shall said check be in a smaller amount than $600. The faithful performance bond shall be in an amount not less than 50% of the total estimated payments to be made under the contract as awarded, computed on the basis of the quantities and unit prices named in the bidding sheet, but in no case in an amount less than $1,000. Julian Hinds, Assistant Chief Engineer.

WAR DEPARTMENT

PORTLAND, Ore.—Until March 8, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 35-432, for furnishing two diesel engine-driven generating sets and equipment complete, for 117-ft. Diesel electric survey boat. Delivery fob bidder's shipping point.

Specifications obtainable from above office.

FORT MacARTHUR, San Pedro, Cal.—Until March 4, 11 A. M., bids will be received by the Office of the Quartermaster, Fort MacArthur, San Pedro, for the sale of materials located at Riss Field, Calif., as follows:

(1) Fire hydrants — approximately 20 cast iron fire hydrants, Corey type, with two 2½-in. connections, threaded 8 threads per in., 600 lbs. each (these hydrants are connected with underground water mains;

(2) telephone cable—

(a) 3 lead covered, 50 pair No. 18 copper wire telephone cables buried 3 ft. in ground, length of each cable about 350 ft., eight of each cable, approximately 7 lbs. per foot;

(b) approximately 2500 feet of telephone cable buried at 5-foot depth, weight of cable approximately 7 lbs. per foot.

(3) electric cable, approx. 526 ft. lead covered rubber insulated, 2300 volt duplex copper wire in 1-in. conduit, running northeasterly from old concrete transformer house;

(4) electric cable, 3 lengths, approx. 1700 ft. each, cambric insulated, single conductor, 2300 volt, No. 4 solid copper wire in 2-in. "Sheraduct" galvanized conduit, running north from a point on Huntington Dr. 1800 ft. west of Santa Ana Avenue;

(5) pipe, wood, wood stave, steel wrapped, redwood pipe, 6-in. and 8-in. approx. 11,600 ft.;

(6) pipe, cast iron, water, buried from 3 to 6 ft. approx. 12,300 ft.;

(7) pipe, water, wrought iron, galvanized, 2-in. approx. 900 ft.;

(8) pipe water, wrought iron, galvanized, 1½-in., approx. 2000 ft.;

(9) pipe, water, wrought iron, galvanized 1¼-in. approx. 2200 ft.;

(10) pipe, water, wrought iron, galvanized, ¾-in., approx. 5000 ft.;

(11) pipe, gas, wrought iron, black, 3-in. approx. 3000 ft.;

(12) pipe, fas, wrought iron, black, 2-in., approx. 4000 ft.;

(13) pipe, gas, wrought iron, black, 1¼-in. approx. 2800 ft.;

(14) pipe gas, wrought iron, black, 1-in. and ¾-in., approx. 2200 ft.

CANAL ZONE

PANAMA CANAL ZONE.—Until February 26, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3030, for furnishing miscellaneous supplies and materials, including:

Sodium nitrate dynamite, steel, steel billets, steel pipe, chain, steel strapping, pipe fittings, brass screws, magnetic chuck, reamers, brass or bronze hinges, steel cap screws, coat-and-hat hooks, door hooks, grindstone frames, grindstones, water cooler, water buckets, garbage cans, hand lanterns, steel-wire brushes, file handles, extension ladders, asbestos board, tires and tubes, rubber matting, asbestos-magnesia pipe covering, paraffin wax, fire-clay bricks, Ferrotitanium, beeswax, lumber (Southern Yellow Pine, White Ashk and Cypress) and creosoted Southern Yellow Pine piling.

Specifications obtainable from the above office and from the Assistant Supply Officer, The Panama Canal, Ft. Mason, San Francisco.

PANAMA CANAL ZONE.—Until February 19, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3031, for furnishing 425,000 lbs. of concrete reinforcement bars, round, steel, in 30-ft. lengths.

Specifications obtainable from the above office and from the Assistant Supply Officer, The Panama Canal, Ft. Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., as follows:

RESIDUM, 200,000 lbs. petroleum residum, Mare Island. Sch. 4263; February 26.

COMPOUND, 11,000 lbs. cleaning compound for painted surfaces; Mare Island. Sch. 4266; Feb. 26.

Specifications obtainable from above office.

BERKELEY SCHOOL DIST.

BERKELEY, Alameda Co., Cal.—Until February 20, 2 P. M., bids will be received by Clara F. Andrews, Secretary, Berkeley Board of Education for furnishing paint and lumber and building materials to the Berkeley School District and the Berkeley High School District.

Specifications are on file in the office of the Secretary, Administration Bldg., Room 203, 2325 Milvia Street, Berkeley.

CALIFORNIA STATE

SAN FRANCISCO.—Until February 26, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC 3516—Ford 4 touring car, Model "A";

CHC 4311—Pontiac 6 4-door sedan, 1932.

The above equipment may be inspected at the Division of Highways' yard at 1045 Derby Ave., Fruitvale, Oakland, between 8:30 A. M. and 4:30 P. M. on any working day.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Segregated Bids Being Taken.
ADDITION, Etc. Cost, $——
SAN FRANCISCO. SW Taylor and Washington Streets.
Alterations and additions to apartment building (work involves the painting, plumbing, electric wiring miscellaneous carpentry, etc.)
Owner—Peter Contos.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Mgr. of Constr.—J. La Breacht, 1255 Taylor St., San Francisco.
Bids are being received by J. La Breacht on the premises.

Contract Awarded.
APARTMENTS Cost, $25,000
FRESNO, Fresno Co., Cal. No. 218 Glenn Avenue.
Two-story frame and stucco apartment building (72x40 feet); 8 4-room apts.; steam heating system, electric refrigeration, hardwood floors, tile baths, etc.
Owner—John Looney, 208 Glenn Ave., Fresno.
Architect—Not Given.
Contractor—LaMone Call, 1221 Thesta St., Fresno.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
OAKLAND, Alameda Co., Cal. No. 835-37 Athens Street.
Alterations to apartment building.
Owner—Malcolm Day, 839 Athens St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $1000
SAN FRANCISCO. No. 660 O'Farrell Street.
Alterations to loft for apartments (4 two-room apts.) Class C construction.
Owner—G. H. Cross, 1562 12th Ave., San Francisco.
Architect—Not Given.
Work will be done by day's labor under the supervision of the owner.

3— CHURCHES

Plans Completed.
EDUCATIONAL BLDG. Cost, $6800
FRESNO, Fresno Co., Cal. Merced and N Streets.
One-story frame educational building (Sunday school room, classrooms, kitchen, lavatory and restrooms, etc.)
Owner—First Baptist Church (Dr. C. L. Trawin, Pastor), Fresno.
Architect — Fred L. Swartz, Brix Bldg., Fresno.

Planned.
CHURCH Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal Mission Street.
Construct new church.
Owner—Messiah Lutheran Church of Santa Cruz (W. E. Menzel, Pastor).
Architect—Not Selected.
Further details will be announced at a later date.
The following were appointed on a committee to devise means of raising funds:
Mrs. F. A. Helfrecht.
Mrs. W. E. Menzel.
Mrs. Carl Reich.

CONTRACTS AWARDED
LOS ANGELES, Cal.—B. D. Kronnick Co., 3623 Avalon Blvd., awarded general contract at $49,685 for construction of a reinforced concrete second story addition to mausoleum building at the Calvary Cemetery for the Roman Catholic Bishop of Los Angeles and San Diego. Westco Co., Ltd., Santa Ana, awarded contract at $10,583 for marble work and Judson Studios awarded contract at $3264 for art glass. Ross Montgomery, 3828 Amesbury Road, Architect.

Plans Being Prepared.
CHURCH Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Cayuga and Windham Streets.
One-story church building (30x59 feet) auditorium will be 30x40 feet; to seat 250 persons, two classrooms, two restrooms, etc.)
Owner—Church of Christ (Harry Morton, in charge), 57 Parkside Ave., Santa Cruz.
Architect—Allen Collins, 237 E. Cliff Drive., Santa Cruz.

Low Bidders.
ALTERATIONS Cost, $2590
SAN RAFAEL, Marin Co., Calif.
Remodel Sacristy in church (all new case work, plumbing, painting).
Owner—Dominican College.
Architect—Arnold Constable, 580 Market St., San Francisco.
Cabinet Work—Braas & Kuhn, 1917 Bryant St., San Francisco, $1,521.
Painting—F. Kiesel, 575 Fulton St., San Francisco.
Plumbing—A. L. Nelson, San Rafael.
Tile Work—Scott Co., 243 Minna St., San Francisco.
Oak Floors—American Hardwood Fl. Co., 3176 Washington Street, San Francisco.

PREPARING PLANS
WESTWOOD, Los Angeles Co., Cal. —Architects Henry C. Newton and Robt. D. Murray, 502 Architects' Bldg. have been authorized to proceed with working drawings for new furnishings for the Church of St. Paul the Apostle at Westwood. The furnishings will include chancel furniture, altar, choir stalls, pulpit, etc.

Contract Awarded.
CHURCH ADDITION Cost, $50,000
OAKLAND, Alameda Co., Cal. No. 1410 Tenth Avenue.
Alterations and additions to present church building (steel and wood construction, stucco exterior, sound proofing, etc.
Owner—Tenth Avenue Baptist Church (Dr. Geo. W. Phillips, Pastor).
Architect—Allen Froberg, 1955 Webster Street, Oakland.
Contractor—H. J. Christensen, 1955 Webster St., Oakland.

4— FACTORIES & WAREHOUSES

February 8, 1935

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. 850 Townsend St.
Alterations to warehouse.
Owner—W. P. Fuller & Co., 301 Mission Street.
Architect—Not Given.
Contractor—A. H. Wilhelm, 666 Mission Street.

Plans Completed.
ALTERATIONS Cost, $7000
SAN FRANCISCO. 481 Second St.
Alterations to printing plant.
Owner—Schmidt Lithograph Co., Inc., 2nd and Bryant Streets.
Engineer—Jesse Rosenwald, 525 Market Street.

To Be Done By Day's Work.
SHOP Cost, $5000
SAN FRANCISCO. N Clementina St. E. Third St.
One-story brick and steel industrial shop building.
Owner—H. M. Schick Products Co.
Architect—Martin J. Rist, Phelan Building.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 1170 Howard Street.
Alterations to warehouse.
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Architect—Not Given.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco.

Contract Awarded.
ADDITION Cost, $4000
OAKLAND, Alameda Co., Calif. 6901 Foothill Blvd.
Brick addition to factory.
Owner—Fisher Body Co., Premises.
Architect—A. Froberg, 1955 Webster St., Oakland.
Contractor—H. J. Christensen Co. 1955 Webster St., Oakland.

Contract Awarded.
CANNERY Cont. Price, $71,480
WALLA WALLA, Washington.
One - story frame and masonry processing plant and one - story tile warehouse.
Owner—Libby, McNeill and Libby, 60 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., Dexter Horton Bldg., Seattle.

Plans Being Prepared.
ALTERATIONS Cost, $7500
SAN FRANCISCO. No. 942 Howard Street.
Alterations and additions to printing plant (add one-story to present structure, new fire doors, skylights, etc.)
Owner—George Zett.
Engineer—James H. Hjul, 128 Russ St., San Francisco.
Lessee—E. J. Cardinal.
Mgr. of Constr.—James H. Hjul. 128 Russ St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $5000
SAN FRANCISCO. NE Evans and Quint Streets.
Alterations to warehouse.
Owner—F. S. Buckley, % Architect.
Architect — Benjamin Schreyer, 566 Sutter St., San Francisco.

Plans Being Prepared.
FACTORY Cost, $10,000
BERKELEY, Alameda Co., Cal.
One-story wood frame factory (125x 60 feet), tar and gravel roof.
Owner—Withheld.
Engineer—J. H. Platt, 2024 University Ave., Berkeley.

Commissioned To Prepare Plans.
BOTTLING PLANT Cost, $——
SEATTLE, Washington.
Construct bottling plant.
Owner—Horluck Brewing Co. (Geo. F. Horluck, President).
Architect—Joseph Wohleb, Chambers Block, Olympia, Washington.

CONTRACT AWARDED
SOUTH GATE, Los Angeles Co., Cal.—Lindgren & Swinerton, 730 Standard Oil Building, Las An awarded contract for erection of an addition to a factory building at 4222 Santa Ana St., South Gate, for Fibreboard Products, Inc. One-story, reinforced concrete structure, 75x168 feet. Cost, $30,000.

Planned.
FACTORY Cost, $——
SAN JOSE, Santa Clara Co., Cal. Site to be selected
Construct new hoisery factory.
Owner—William A. Struthers.
Architect—Not Given.
Announcement that such a plant was being considered was announced by J. M. Silvery, Mgr. of the Chamber of Commerce, San Jose.

Being Done By Day's Work.
REPAIR CANNERY Cost, $12,500
LODI, San Joaquin Co., Cal.
Repair and rebuild present cannery (concrete and steel structure) painting, electrical work, etc.; new portion will house vegetable cannery, syrup room and warehouse space.
Owner—Foster Wood Cannery, Lodi.
Plans by Engineering Dept. of Owner.
Work is being done by day's labor by owner's own forces.

Contract Awarded.
LAUNDRY Cost, $2,000
OAKLAND, Alameda Co., Calif. 5354 Bond Street.
One-story brick laundry.
Owner—Eugene Capdevielle, 3335 68th Ave., Oakland.
Architect—Not Given.
Contractor—George V. Addison, 4000 Maybelle Ave., Oakland.

Contracts Awarded.
ALTERATIONS Cost, $7000
SAN FRANCISCO. 461 Second Street.
Alterations to printing plant.
Owner—Schmidt Lithograph Co., Inc., Second and Bryant Streets.
Engineer—Jesse Rosenwald, 525 Market Street.
Pressure Tanks—Ocean Shore Iron Works, 550 Eighth Street.
Sprinkler System—Gen. M. Robinson, 389 Clementina Street.
Structural Steel—Judson Pacific Co., 609 Mission Street.

Sub-Contracts Awarded.
DAIRY Cost, $30,000
BURLINGAME, San Mateo Co., Cal. 198 California Drive.
One - story reinforced concrete dairy (75 foot long) building will house receiving room, pasteurizing room, milk and ice cream storage rooms.
Owner—Borden Delivery Company.
Architect—Wm. Toepke, 216 Post St., San Francisco.
Contractor—Bessett Building Co., 826 Walnut Street, Burlingame.
Rock and Gravel—H. E. Casey Company, Woodside Ave. and Peninsula, San Mateo.
Plumbing—Frank Regan, 245 California Drive, Burlingame.
Electric—Atlas Electric Co., 135 B St., San Mateo.
Concrete Work—Gus Adolphson, 706 N Claremont, San Mateo.
Lumber—Wisnom Lumber Co., 1000 Broadway, Burlingame.
Mill Work—Nelson & Shirkey, 204 E. Lane, Burlingame.
Steel and Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.

Bids Opened.
ADDITION Cost, $——
FRESNO, Fresno Co., Cal.
Brick addition to maintenance building for Division of Highways (composition roofing, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder—Fisher & McNulty, Mattei Bldg., Fresno, $1622.
Only other bids was submitted by Gaubert Bros., Oakland, at $1665.
Bids held under advisement.

LOW BIDDERS.
GRAND COULEE, Wash.—Clark & Early, Seattle, at $24,264 submitted low bid to Bureau of Reclamation, Almira, Wash., for the construction of a one-story warehouse building at the Grand Coulee Dam, Wash.
Three low bids follow:
Clark & Early, Seattle.....$24,264
Joseph Lohrenz, Spokane..... 32,859
Howard Wright, Seattle..... 34,920
Bids held under advisement.

FIRE LOSS.
MARYSVILLE, Yuba Co., Calif.—Fire destroyed the plant of the National Ice Company, located at Ninth and A Sts., Marysville, February 12. Damage estimated at $40,000.

5— FLATS

Contract Awarded.
REPAIR FLATS Cost, $2000
SAN FRANCISCO. 1056 Capp Street.
Repair fire damage to flats.
Owner—I. Shiller, 1056 Capp Street.
Architect—Not Given.
Contractor—Wm. J. Mooney, 68 Belcher Street.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. SW San Bruno Ave. and Woolsey St.
Alterations to flats.
Owner—N. Merlo, 131 Woolsey St., San Francisco.
Architect—Not Given.
Contractor—Richard DeLucchi & Co., 3275 San Bruno Ave., S. F.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $7500
SAN FRANCISCO. El Camino Real and Junipero Serra Blvd.
Steel service station (stucco exterior)
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.
Contractor — J. Harold Johnson, 639 Brannan Street.

BIDS WANTED
GRAND COULEE, Wash. — Until March 4, 10 A. M., bids will be received by the Bureau of Reclamation, Almira, Wash., for the construction of a one-story garage and fire station, 70x121 feet at the Grand Coulee Dam, Columbia Basin Project, Wash.
Building will have outside walls of reinforced concrete; timber inside partitions covered with portland cement plaster over metal lath; timber roof supported on structural steel trusses covered with built-up roofing; concrete floors; plumbing, heating and electrical work. Specification No. 613.
Plans and specifications may be obtained from above office and from the Bureau of Reclamation at Washington, D. C., or Denver, Colo., upon deposit of $2.00, net returnable.

Contract Awarded.
SERVICE STATION Cost, $2500
SAN FRANCISCO. SE Irving St. and Fifteenth Avenue.
One-story steel service station.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
SERVICE STATION Cost, $12,000
SAN FRANCISCO. NW Post and Mason Streets.
One-story steel service station.
Owner — Asociated Oil Co., 79 New Montgomery St., San Francico.
Architect—D. D. Stone & J. A. Baur, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Electric—F. F. Goodman, 1466 33rd Ave., San Francisco.
Plumbing and Piping—Scott Co., 243 Minna St., San Francisco.
Structural Steel—Soule Steel Co., 1750 Army St., San Francsico.

7— FEDERAL BUILDINGS

Low Bidder.
POST OFFICE Cost, $49,000
BAKER, Oregon.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Wm. MacDonald Const. Co., St. Louis, Mo., $43,800.
(5759) 1st report Dec. 21, 1934; 2nd, Dec. 31, 1934. * 7

Complete Bid Listing.
POST OFFICE Cost, $77,000
COMPTON, Los Angeles Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Robt. E. McKee, 108 W. 6th St., Los Angeles.
Complete bids follow:
Robt. E. McKee, Los Angeles....$54,100
Theo. A. Beyer Corp., L. A..... 56,949
Schuler & McDonald, Oakland... 57,900
Wm. Macdonald Const. Co., St. Louis 58,181
Bannister-Field Co., Los Angeles 59,000
Bids held under advisement.

February 14, 1935

Complete Bid Listing.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Calif. D and Third Streets.
One - story, mezzanine floor and part basement post office building (65x 75 feet); steel frame, wood roof, composition roofing, one pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast stone steps, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—William Spivock, Hobart Bldg., San Francisco.
Complete bids follow:
Wm. Spivock, San Francisco...$35,500
F. J. Reilly, San Francisco..... 35,830
Leo Epp, San Francisco..... 36,941
H. L. Petersen & Claude Hoffmeyer, San Francisco..... 36,979
Barrett & Hilp, San Francisco 39,253
Robt. McCarthy, San Francisco.. 39,339
K. E. Parker, San Francisco..... 39,438
A. Nelson, Inc., San Francisco 39,719
Lelbert & Trobock, San Rafael 40,985
Frank J. Main and A. H. Seimer, San Anselmo 42,804

Wm. MacDonald Const. Co., St. Louis . . 42,810
Geo. Petersen, San Leandro 45,000
Bids held under advisement.

Complete Bid Listing
POST OFFICE Cost, $38,300
BELL, Los Angeles Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—L. F. Dow Co., 1243 25th Street, Santa Monica.
Complete bids follow
L. F. Dow Co., Los Angeles $35,000
Theo. A. Beyer Corp., L. A. 37,000
Wm. MacDonald Const. Co., St. Louis, Mo. 40,993
Schuler & McDonald, Inc., Oakland 41,347
Bids held under advisement.

BIDS WANTED
SAN BERNARDINO, Cal. — Until March 5, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at San Bernardino.
Specifications may be obtained from office and from the Custodian of the Post Office at San Bernardino.

Contract Awarded
POST OFFICE Cont. Price, $35,212
HOLLISTER, San Benito Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—K. E. Parker Co., 135 South Park St., San Francisco.
Complete bids published Jan. 29.

Late Low Bid.
POST OFFICE Cost, $69,900
WOODLAND, Yolo County, Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—George Petersen, 1841 Bancroft Ave., San Leandro.
Three low bids were:
Geo. Petersen, San Leandro.....$39,800
K. E. Parker Co., San Francisco 40,270
Wm.MacDonald Constr. Co., St. Louis, Mo. 46,220

BIDS WANTED
LUALUALEI, T. H.—Until February 20, bids will be received by Public Works Officer, Naval Station, Lualualei, T. H., for water cooling systems at the Naval Station, Lualualei, T. H. Specification No. 7817.

BIDS OPENED
PORTLAND, Oregon—A. J. Bingham, Couch Bldg., Portland, at $9945 submitted low bid to Custodian, U. S. Custom House, Portland, for cleaning exterior of the Customhouse at Portland. Complete bids follow:
A. J. Bingham.....$ 9,945
E. Bjorkman & Son..... 10,365
Dougan-Hammond Co. 10,796
E. J. Barrett 10,900
Geo. H. Buckler Co..... 11,241
Bids forwarded to Washingaon, D. C., for award.

BIDS OPENED.
SAN DIEGO, Calif.—M. H. Golden, 404 California Bank Bldg., San Diego, submitted low bid to 11th Naval District at San Diego at $24,289, for alterations to floating dry dock ARD-1 at the Naval Operating Base (Destroyer Base), San Diego; Spec. 7887. Work includes the provision of materials for and making changes and installing new work to increase the crew's accommodations on the dock, consisting in general of altering and constructing new steel plate bulkheads; changes to the present booby hatches and stairs; constructing new mezzanine floors between the safety and top decks; insulate walls and ceilings of certain areas with cork-board, cover areas of floors with ceramic tile and linoleum; provide and install galley changes, mess tables and benches, steel furniture for offices, new plumbing work and changes; new electric work and changes; new salt-water pump; new laundry equipment, and other miscellaneous correlated materials as required to complete.
The bids follow:
M. H. Golden, (1) $24,289; (2) deduct $312; (3) deduct $500; (4) deduct $425; (5) deduct $105.
B. C. Larsen, (1) $25,300; (2) $300; (3) $500; (4) $462; (5) $150.

BIDS OPENED.
SAN FRANCISCO.—Neilsen & Lahti, 2328 Acton St., Berkeley, at $2,169 submitted low bid to Superintendent of Construction, Fort Miley Hospital, for porch enclosures at the Fort Miley Hospital.
Complete bids follow:
Neilsen & Lahti, Berkeley..... $2,169
R. S. Silverberg, S. F.. 2,345
W. C. Akard, San Francisco..... 2,444
C. J. U. Koenig, San Francisco 2,500
Thos. M. Jones, San Francisco.. 2,859
Bids have been referred to Washington for award.

Bids Opened.
POST OFFICE Cost, $44,000
KINGMAN, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Robert E. McKee, El Paso, Texas.
Complete bids follow:
Robert E. McKee, El Paso, Texas, $41,700.
Wm. MacDonald Construction Co., $41,900.
Olds Bros. Lumber Co., Winslow, Ariz., $43,250.
Bids held under advisement.

BIDS WANTED
ROSEBURG, Oregon—Until March 19, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C for construction of a recreation building No. 16. Work includes walks, grading, excavating, reinforced concrete, hollow building tile, brick work cut stone, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, iron work, steel stairs, steel shelving, tile and metal roofing, metal lathing, plastering, carpentry, insect screens, window shades painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc. Bids are being taken on a general contract with separate bids for electric elevator.
Plans and specifications may be obtained from above office. No deposit required.

Complete Bid Listing
POST OFFICE Cost, $45,000
ROSEVILLE, Placer Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—K. E. Parker Co., 125 South Park, San Francisco.
Complete bids follow
K. E. Parker Co., S. F.....(1) $36,987
.....(2) 36,687
F. J. Maurer & Sons, Inc., Eureka .....(1) $39,400
.....(2) 39,000
Schuler & McDonald, Oakland .....(1) $39,747
.....(2) 39,493
Wm. MacDonald Constr. Co., St. Louis .....(1) $39,917
.....(2) 39,890

CONTRACT AWARDED.
GLOBE, Arizona. Walter J. Gamel Decorating Company, at $1,795 was awarded contract by Treasury Department for painting the U. S. Post Office at Globe.

CONTRACT AWARDED.
LOS ANGELES, Cal. Houghton & Anderson, Los Angeles, at $5,295 were awarded contract by Treasury Department for changes in the U. S. Post Office at Los Angeles.

Complete Bid Listing
POST OFFICE Cost, $117,000
SAN MATEO, San Mateo Co., Cal. SW Ellsworth and Second Avenues.
One-story concrete post office building (80x90 ft.; stucco exterior; tile roof, ornamental iron bars, two vaults, 64-ft. loading platform in rear, etc.)
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C
Low Bidder—F. J. Reilly, 0350 Fulton St., San Francisco.
Complete bids follow
(1) deduct; (2) deduct.
F. J. Reilly, S. F. $50,981
.....(1) 300
.....(2) 100
Wm. Spivock, S. F. $51,719
.....(1) 400
.....(2) 70
K. E. Parker Co., S. F. $53,200
.....(1) 331
.....(2) 168
Leo Epp, San Francisco. $56,000
.....(1) 300
.....(2) 150
F. C. Amoroso & Sons, S. F. $56,900
.....(1) 300
.....(2) 150
C. L. Wold, San Francisco. $57,200
.....(1) 240
.....(2) 150
Schuler & McDonald, Inc., Oakland $65,858
.....(1) 97
.....(2) 100
Wm. MacDonald Const. Co., St. Louis, Mo. $66,177
.....(1) 600
.....(2) 250
Bids held under advisement.

MATERIAL AWARDS APPROVED
NOGALES, Ariz.—Treasury Department has approved the following material and equipment awards for the construction of the Immigration Station at Nogales. Robert E. McKee, El Paso, general contractors:
Radiator valves to the Milwaukee Valve Co.; steam boilers to American Radiator Co., and oil burners to the Petroleum Heat and Power Co.

MATERIAL AWARDS APPROVED
SAN FRANCISCO. — Treasury Department approved the award to the Electric Products Company for motor generators for the U. S. Federal Bldg. in San Francisco. Great Lakes Construction Co., Chicago, general contractors.

MATERIAL AWARDS APPROVED
LA JOLLA, San Diego Co., Calif.—Treasury Department has approved the following building material awards for the construction of the U. S. Post Office at La Jolla. Frank L. Stimson Const. Co., La Jolla, general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler, Kelvinator Sales Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Ohio Pattern Works & Foundry Co.; offset radiator valves, Ohio Pattern Works & Foundry Co.; air valves for radiators and for ends of steam mains, American Radiator Company; nonconducting covering for plumbing, Plant Rubber & Asbestos

Works; lighting distribution panel, Square D Co.; r. c. wire, Collyer Insulated Wire Co.; receptacles, Pass & Seymour; lighting fixtures, Mutual Metal Mfg. Company.

CONTRACT AWARDED

SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego at $23,364 (Items 1, 3 and 4) awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for alterations to floating dry dock ARD-1 at the Naval Operating Base (Destroyer Base) San Diego, under Spec. No. 7887.

Complete bids published Feb. 11.

BIDS WANTED

LOS ANGELES, Cal.—Until March 5, 2:30 P. M. ,bids will be received by Veterans' Administration, Room 764, Arlington Building, Washington, D. C., for construction of alterations to Building No. 114 for regional office. Work includes reinforced concrete, hollow tile, brick work, marble work, terrazzo, floor and wall tile, linoleum, iron work, metal lathing, plastering, sound deadening, carpentry, painting, glazing, hardware, plumbing, heating, electrical work, etc.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto.

CONTRACT AWARDED

PULLMAN, Wash. — Thos. Taylor, Pullman, at $390 awarded contract by Treasury Department for painting the plaster, etc., in the U. S. Post Office at Pullman.

CONTRACT AWARDED

SAN DIEGO, Cal.—J. A. Hunt, P. O. Box 146 East San Diego, awarded contract by Bureau of Yards & Docks at $9281, for concrete floors in landplane hangars at the Naval Operating Base (Air Station), San Diego; Spec. 7855.

8— CLUB BUILDING

Construction Under Way.

CLUBHOUSE Cost, $9000
STOCKTON, San Joaquin Co., Cal.
One-story frame and stucco municipal golf clubhouse (heavy shingle roof).
Owner—San Joaquin Golf Club (Dr. Scott Ford, Vice President).
Architect—John Upton Clowdsley, Exchange Bldg., Stockton.
Mgr. of Constr.—C. A. Towne, 910 W. Park St., Stockton.
Work is being done by day's labor by the SERA.

Planned.

AUDITORIUM Cost, $——
PLACERVILLE, El Dorado Co., Cal.
Construction of American Legion auditorium.
Owner—ElDorado Post of the American Legion.
Architect—Not Selected.
An application will be filed with the PWA for a loan and grant to assist financing proposed project .

Preparing Preliminary Plans.

CLUB HOUSE, ETC. Cost, $150,000
SACRAMENTO, Sacramento Co., Cal.
McKinley Park.
Construct new swimming pool and club house at McKinley Park.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Bldg., and Starks and Flanders, Bank of America Bldg., Sacramento.
Project will be financed thru funds bequeathed the City of Sacramento by the late Mrs. Florence Cunle.

9— HOSPITALS

Plans Being Figured—Bids Close Mar. 4, 10 A. M.

WARD ADDITION Cost, $20,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition at the County Hospital (22 bed unit) composition roof, wood floors, steam heating system to connect to central heating plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Bids are being taken on a general contract.
Plans and specifications may be obtained from the architect upon deposit of $10.

Plans To Be Prepared.

ADDITION Cost, $——
OAKLAND, Alameda Co., Calif. 434 30th Street.
Construct nursery on southeast wing of first floor of hospital (to accommodate 50 bassinettes).
Owner—Peralta Hospital (Charles D. Bates, President).
Architect—Reed and Corlett, Bank of America Bldg., Oaklan.
Geo. U. Wood is superintendent of the hospital.

Planned.

ADDITION Cost, $10,000
WEIMAR, Placer Co., Cal.
Addition of children's ward at Weimar Joint Tuberculosis Sanatorium.
Owner—Counties of Placer, Sacramento and Colusa.
Architect—Not Selected.
A special sub - committee consisting of Dr. Mildred Thoren, the medical superintendent; and Supervisors Donald McDougall of Sacramento County and Charles Geisendorfer of Placer County was appointed to study the financing of the institution by Supervisors C. J. Wescott of Colusa County chaidman of the sanatorium governing committee.
Federal aid may be sought or an attempt made to make the addition a State Emergency Relief Administration project.

CONTRACT AWARDED

SACRAMENTO, Cal.—Elder's Drapery Studio, 1125 21st St., Sacramento, at $1782.60 awaarded contract by Sacramento County Board of Supervisors for linoleum flooring covering for the Home for the Aged Women in Sacramento. Harry Devine, California State Life Bldg., Sacramento, Architect.

10— HOTELS

To Be Done By Day's Work.

ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. SE Nineteenth and Franklin Sts.
Alterations to hotel building.
Owner—Leamington, Inc., Premises.
Architect—Not Given.

Contract Awarded.

REPAIR HOTEL Cost, $2000
SAN FRANCISCO. No. 342 Mason Street.
Repair fire damage to hotel.
Owner — Allied Properties, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 74 New Montgomery St., San Francisco.

12— POWER PLANTS

CONTEMPLATED

EL CENTRO, Imperial County, Cal. —A plan for a $12,000,000 PWA loan for building five hydro-electric power plants along the All-American Irrigation canal has been approved by the Imperial Irrigation District Board of Directors, according to an announcement by Evan T. Hewes, president. Engineers have recommended that applications be made for the loan. The recommendations include an expenditure of $6,620,000 on the five canal power plants, $3,667,000 in the Coachella Valley for transmission lines and $1,500,000 in expanding the stand-by plant now being constructed at Brawley.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.

ALTERATIONS Cost, $——
LIVERMORE, Alameda Co., Cal.
Alterations and additions to City Hall
Owner—City of Livermore.
Architect—Not Given.
An application will probably be filed with the SERA to furnish labor for the proposed work.

PLANNED.

CORONADO, San Diego Co., Cal.—Coronado city council has submitted to the state planning commission a program including the following proposed construction projects in Coronado: Community center playground, $50,000; new city hall and auditorium, $50,000; hospital, $35,000; park improvement, $25,000. The program is outlined for the purpose of placing the city in a position to obtain any funds that may be available for this purpose from state and federal appropriations.

PLANNED.

MONROVIA, Los Angeles Co., Cal. —City Engineer Duell, Monrovia, has included an item of $70,000 for a proposed new city hall in a survey of civic public works needs which will be forwarded to the state planning commission. The survey has been made in anticipation of the city receiving a share of further federal appropriations.

Elevator Contract Awarded.

COURT HOUSE Total Cost $1,568,878
OAKLAND, Alameda Co., Cal. Fallon, Twelfth, Oak and 13th Streets.
Twelve-story fireproof court house (structural steel frame, reinforced concrete walls, permanent and earthquake - resistive, plumbing, heating, ventilating, electric work elevators, to house all county offices and courts) three lower floors to be 176x245 ft. and upper floors 116x116 feet.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland (GLencourt 2902).
Constructing, Mechanical & Electrical Engineer—G. M. Simonson, 20 Loreta Avenue, Piedmont.
Contractor—Geo. Wagner, 181 South Park St., and K. E. Parker Co., 135 South Park St., San Francisco.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco, $104,387.

Planned.

JAIL Cost, $——
SONORA, Tuolumne Co., Calif.
Construct new jail building.
Owner—County of Tuolumne.
Architect—Not Selected.
Further details will be announced at a later date.

Plans Being Prepared.
ADDITION Cost, $
NEVADA CITY, Nevada Co., Calif.
Alterations & additions to courthouse.
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Further details will be announced shortly.

Commissioned To Prepare Plans.
ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to city hall (construct new wing and remodel present building.)
Owner—City of Roseville.
Architect — Charles Dean, California State Life Bldg., Sacramento.

BID DEPOSITORY
FRESNO, Fresno Co., Calif.—H. R. Cayford, Custodian, Central Bid Depository, Fresno area, has issued the following notice to prospective bidders on the Fresno Memorial Auditorium and Madera County Hospital:
In accordance with Chapter 1 of the Construction Industry Code, and subsequent chapters thereof, Sub-Bids will be registered and filed in the above Depository.
Your cooperation is requested on the following projects now out for bids:
Fresno Memorial Auditorium
..... **City of Fresno**
General Hospital County of Madera
These are PWA projects and complete code compliance will be necessary.
The Depository will close for the various crafts at the hour designated by their respective Divisional Codes. Sub-Bids not filed will be CUT OF COMPLIANCE and subject to protest.

PLANNED.
NEWPORT BEACH, Orange Co., Cal.—Newport Beach city council has under consideration a list of municipal improvements, including a new city hall to cost $60,000, that may be submitted to the state planning board with a request for government financing.

Plans Approved.
HALL OF RECORDS Cost, $400,000
FRESNO, Fresno Co., Cal. Van Ness Ave. and Tulare Street.
Three-story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)
Owner—County of Fresno.
Architects—Allied Architects of Fresno, 304 Kowell Bldg., Fresno.
Structural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.
Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
Plans have been approved by the PWA and bids will be asked shortly.

PROJECT APPROVED.
SAN FRANCISCO.—SERA has approved a supplementary appropriation of $7,986 for labor for city of San Francisco to be used in manufacturing and preparing all sheet metal for installation at San Francisco Hospital, Laguna Honda Home, Civic Auditorium, County Jail, Juvenile Detention Home and DeYoung Museum. The project employes one supervisor and 19 laborers.

PLANNED
NEVADA STATE—Possible PWA projects for Nevada, under the proposed new public works program, include three new buildings and a hospital at the University of Nevada, $1,500,000; Reno school building and playground, $500,000; Las Vegas elementary school and auditorium, $150,000; Yerington high school, $150,000 Reno parks, golf course, swimming pool and new city hall, $330,000; Washoe county courthouse addition and reconstruction of jail, $285,000; Goldfield public buildings, $5000

Grading Started.
LIBRARY Cost, $9000
OAKLAND, Alameda Co., Calif. Glen View Branch.
One - story frame and stucco branch library (tile roof).
Owner — City of Oakland (Library Trustees).
Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Grading has been started by SERA labor.

PLANNED
SANTA BARBARA, Cal. — Santa Barbara County building projects, to be submitted under the government's new public works program, include the following: Branch courthouse, Santa Maria, $125,000; service building county courthouse, $100,000; children's sanitarium, county hospital, $23,000; Solving memorial building, $26,000; Carpinteria memorial and county building $50,000; airport, Goleta, $100,000; Lompoc memorial building, $45,000; addition to Santa Maria branch hospital, $45,000; finish Santa Maria Veterans' building, $40,000.

14— RESIDENCES

Plans Being Figured—Bids Close Feb. 21, 3 P. M.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. No. 5720 Walnut Avenue.
One-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash, oak floors, tile baths, mahogany and pine trim.
Owner—John Peters, % Architect.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.

CONTRACT AWARDED
LOS ANGELES, Cal.—C. L. Peck, inc., builder, 354 S. Spring St., awarded contract to construct two-story, 4-room Class C brick dining hall addition to women's residence hall at 666 West 36th St. for University of Southern California, owner. John and Donald B. Parkinson, architects, and J. G. Middleton, structural engineer, 803 Title Insurance Bldg. Cost, $45,000.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each.
SAN FRANCISCO. W 33rd Ave. N Balboa Street.
Three one-story and basement frame and stucco resdnes.
Owner & Builder—Anza Home Bldg. Co., 1948 36th Avenue.
Architect—Not Given.

Contract Awarded.
ALTER RESIDENCE Cost, $——
SAN FRANCISCO. 254 Edgewood Ave.
Alterations to frame residence.
Owner—John Reynolds, 245 Edgewood Avenue.
Architect—C. G. Lundgren, 1496 Willard Street.
Contractor—G. P. W. Jensen, 320 Market Street.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 439 Spruce Street.
Two-story and basement frame and stucco residence (7 rooms).
Owner and Builder — J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Architect—Not Given.

Plans Being Figured
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame residence (8 rooms and 3 baths) brick and rustic exterior, hardwood tile baths, hardwood floors, etc.
Owner—Bank of America.
Architect—Earl MacDonald, 194 John Street, Oakland.
Bids are being received by owners.

Plans Being Figured—Bids Close Feb. 21st, 5 P. M.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. Tunnel Road.
Two - story and basement frame and brick veneer residence (12 rooms, 5 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Stanley V. W. Hiller, 2847 Russell St., Berkeley.
Architect—J. K. Ballantine, 251 Kearny St., San Francisco.
Fred. DuPuy, 110 Sutter Street, San Francisco, is figuring the plans.

Contract Awarded.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. 8 Marr Avenue.
Two - story and basement frame and stucco residence (12 rooms).
Owner—W. B. Freeman, 653 Blair Avenue, Oakland.
Architect—J. B. Norris, care owner
Contractor—John F. Hein, 4135 Gilbert St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. 1473 LeRoy.
Two-story frame and stucco residence (7 rooms).
Owner—C. B. Crane, 2673 Hilgard St., Berkeley.
Architect—Not Given.
Contractor—P. L. Crane, 1569 Arch Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. NW Farragut and Moneta Way.
Two - story and basement frame and stucco residence.
Owner—W. Seher, 234 Silver Avenue.
Architect—Not Given.
Contractor—A. Strate, 234 Silver Ave.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 22nd Avenue 50 S Judah Street.
One - story and basement frame and stucco residence.
Owner—G. H. McCarthy, 1498 36th Avenue.
Architect—Not Given.
Contractor—Anza Home Building Co., 5408 Geary Street.

Plans Being Figured.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Thousand Oaks Boulevard.
Two - story and basement frame and stucco residence (7 rooms); English style, shake roof, gas heating system, rustic exterior, hardwood floor, etc.
Owner—L. M. Hanson.
Architect—E. L. Snyder, 2101 Shattuck Avenue, Berkeley.

Commissioned To Prepare Plans.
ADDITION Cost, $10,000
SAN LEANDRO, Alameda Co., Calif
Addition to library (frame construction, brick veneer exterior).
Owner—City of San Leandro (A. E Pelton, City Manager).
Architect—E. W. Cannon, 81 Echo St., Piedmont.
Labor will be furnished by SERA and materials will be purchased by the city at a later date.

Plans Being Revised.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (6 rooms, sleeping porch, two baths, separate garage tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. Depaoli.
Architect—Otto Deichmann, 110 Sutter St., San Francisco.
Preliminary estimates of cost are now being taken.

Contract Awarded.
RESIDENCE Cost, $2500
SACRAMENTO, Sacramento Co., Cal. 2631 35th Street.
One-story frame residence.
Owner—Miss M. Cabilla.
Architect—Not Given.
Contractor — Cecchettini Bros., 1817 Larkin Way, Sacramento

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal. 560 Chaucer Street.
Two-story and basement frame and stucco residence.
Owner—J. L. Kenworthy Jr.
Architect — Leslie I. Nichols, 529 Guinda St., Palo Alto.
Contractor — E. J. Schmalling ,863 Melville Ave., Palo Alto.

Plans Being Figured.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. No. 5720 Walnut Avenue.
One-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating, system, steel sash, oak floors, tile baths, mahogany and pine trim.
Owner—John Peters, % Architect.
Architect—Chester Treichel, 896 Cle-

Plans Being Prepared.
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
Two-story frame residence.
Owner—Withheld.
Architect—F. L. Confer, 2312 Russell St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Mr. Vaughn.
Architect—F. L. Confer, 2812 Russell St., Oakland.

Cnstruction To Start Shortly
RESIDENCES Cost, $5000 each
EUREKA, Humboldt Co., Cal. G St., between Russ and Wood Sts.
Five one-story and basement frame and stucco residences.
Owner & Builder—L. Huber & Sons, Garberville, Calif.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 670 Cragmont Avenue.
Two-story frame and stucco residence (6 rooms).
Owner — A. Makower, 2419 Durant Ave., Berkeley.
Architect—Not Given.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. N Twenty-sixth St. 168 E Douglas Street.
One-story and basement frame and stucco residence.
Owner—Olga Peterson, 4386 26th St., San Francisco.
Architect—Not Given.
Contractor — Gust L. Peterson, 4386 26th St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 331 Vernon Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder — Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 7963 Oakview Drive.
Two-story frame and stucco residence (6 rooms).
Owner—A. G. Starr, 2126 St. Jarlath St., Oakland.
Architect—Not Given.
Contractor—Albert Hammarberg, 2340 LeConte Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 4035 Oakmore Road.
One-story and basement frame and stucco residence (7 rooms).
Owner—Thos. E. Scanlon, 2239 Coloma St., Oakland.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Calif. 726 Grizzly Peak Blvd.
Two - story residence (6 rooms and 2 baths) California Colonial type, shake roof, wood and stucco exterior, hot air heating system, wood windows, etc.
Owner—C. Walker.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO. Spruce and Jackson Streets.
Two-story and basement frame and brick veneer residence (16 rooms and 6 baths), copper roof, gas hot air heating system, tile baths, oak floors, etc.
Owner—John A. Sutro.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Gus F. Marshall, % Architect.

Contract Awarded.
RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); wood shingle roof, gas hot air heating system, tile baths, pine floors, etc.
Owner—Pasatiempo Estate.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Palmer & Balsinger, 254 Branciforte St., Santa Cruz.

Contract Awarded.
RESIDENCE Cost, $12,576
PALO ALTO, Santa Clara Co., Cal. University Park.
Two-story frame and stucco residence
Owner—Walter and Jessie A. Speyer.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

25— SCHOOLS

Survey Being Made.
SURVEY SCHOOLS Cost, $——
BURLINGAME, San Mateo Co., Cal.
To survey the McKinley, Howard Ave. Hoover, Roosevelt, Pershing and Coolidge schools.
Owner—Burlingame School District.
Architect—Jas. M. Mitchell, 369 Pine Street, San Francisco.
Structural Engineer—Harold B. Hammill, 381 Bush St., San Francisco.
Upon completion of survey a bond election will be held for an amount necessary to make improvements.

ALLOTMENT CHANGED.
DALY CITY, San Mateo Co., Cal.—A loan and grant of $105,000 allotted to the Jefferson School District of San Mateo County for three buildings in Daly City has been changed by the Federal Public Works Administration to a grant of $30,500.

To Ask Material Bids Within One Week.
SCHOOL Cost, $35,000
GRIDLEY, Butte Co., Calif.
Replace McKinley Primary School with one - story frame and stucco building (8 rooms); concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect — George Sellon, California State Life Bldg., Sacramento.
The grading and excavation will be started by the SERA February 18.

Commissioned To Prepare Plans.
SCHOOL Cost, $100,000
ARBUCKLE, Colusa Co., Cal.
New High School Building.
Owner — Pierce Union High School District.
Architect—W. E. Coffman, Forum Building, Sacramento.

Plans Being Completed.
REPAIR SCHOOL Cost, $50,000
SAN FRANCISCO. Hayes and Ashbury Streets.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to Lowell High School.
Owner—City & County of San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans will be completed in about 3 weeks.

Contracts Awarded.
SCHOOL Cont. Price, $176,248
SAN FRANCISCO. 150 Brompton St. (Glen Park School).
Two-story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Bldg.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer — Robert L. St. John, 544 Market Street.
Contractor—Jas. L. McLaughlin, 251 Kearny St.
Electrical Work — NePage McKenny Co., 7 Front St., at $9650.
Mechanical Equipment and Plumbing Scott Co., 243 Minna St., at $18,080
Following sub-contracts awarded:
Reinforcing Steel — Concrete Engineering Co., 1280 Indiana St., at $26,939.02.
Structural Steel—Judson Pacific Co., 609 Mission St., at $1749.
Incinerator — Kerner Incinerator Co., 450 Clementina St., $150.
Roofing and Waterproofing — C. L. Frost, Palo Alto, $1995.

Terra Cotta—Gladding McBean & Co., 660 Market St., $2950.
Sheet Metal—Guilfoy Cornice Works, 1231 Howard St., $3695.
Marble—J. E. Buck Co., Inc., 1533 San Bruno Ave., $4283.
Tile Work — Erl H. Richardson, 557 Market St., $4151
Terrazzo—Consolidated Terrazzo Co., 557 Market St., $5947.
Acoustic Tile—Acoustical Engr. Co., 557 Market St., $8546.
Miscellaneous and Ornamental Iron—Fair Mfg. Co., 617 Bryant St., $2054.
Blackboards — American Seating Co., 521 Mission St., $2740.
Rolling Doors—Chas. Christenson Co., 557 Market St., $100.
Glass — Habenicht & Howlett Glass Co., 529 Clay St., $1758.
Painting—R. P. Paoli, 3159 Fillmore St., $4899.
Linoleum, Asphalt Tile and Hardwood Floors—Royal Floor Co., 475 Sutter St., $5778.
Shades—Bates Carpenter Co., 604 Mission St., $2362.
Stage Equipment—American Studios, 557 Market St., $479.
Kitchen Equipment—Dohrmann Hotel Supply Co., 972 Mission St., $1120
Finish Hardware — Palace Hardware Co., 581 Market St., $6550.
Waste Moulds — August Dackert & Co., 1450 15th St., $483.
Sleepers—Leroy Olson Co., 170 Hooper St., $343.
Mill Work—(1) Anderson Mros., Planing Mill, Quint and Custer Sts., $12,655; (2) Pacific Mfg. Co., Monadnock Bldg., $10,285; (3) Pacific Mfg. Co., Monadnock Bldg., $9324.
Asphalt Finish—Fay Improvement Co., Phelan Bldg., (sq. ft.) $.0325.
Plastering—John Shimmon, 26 Fairfield Way, $16,170.
Window Hardware — Universal Window Co., 950 Parker St., Berkeley, $1684.
Metal Fence—Rolph Mills & Co., 525 Market St., $2,424.95.

Electrical Work

Fire Alarms—Autocall Co., Shelby, O., $771.10.
Special Fixtures — Phoenix Day Co., 729 Mission St., $978.22.
Clocks—Standard Electric Time Co., 950 Parker St., Berkeley, $1,090.
Telephones—Sierra Equip. Corp., 361 Ninth St., $557.95.
Telephone Connections—Economy El. Co., 327 Commercial St., $80.00.
Switch Boards—Drendell - Trumbull Electric Mfg. Co., 260 Van Ness Ave. South, $955.94.
Stage Equipment—Holtzmueller Elec. Co., 1108 Howard St., $485.00.

Mechanical Work

Plumbing—Asbestos Co. of California, 1184 Harrison St., $158.00.
Heating—Asbestos Co. of California, $700.00.
Temperature Control — Johnson Service Co., Rialto Bldg., $492.00 .
Oil Burner—Ray Burner Co., 401 Bernal Avenue, $398.00.

PLANNED.

ALBANY, Alameda Co., Cal.—School directors will submit proposal to finance a five-year building program by special tax levy at an election on March 18. Levy to raise approximately $17,000 annually will be proposed.

Funds will be used with PWA grant to complete high school wing, partially constructed; replacement of obsolete building at Garfield and Pomona Avenues, and new building on Key Route boulevard site.

Dragon and Schmidts, 2068 Allston Way, Berkeley, architects.

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until February 28, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstructing, rehabilitating and strengthening the practical arts building, annex building and power plant at the Huntington Park High School site. Geo. M. Lindsey, 609 Union Insurance Bldg., architect, and Murray Erick, 811 W 7th St., structural engineer. Cost, $110,000.

LOW BIDDER

LOS ANGELES, Cal.—J. W. Flanagan, 1723 W. 52nd St., submitted low bid at $81,900 to the Los Angeles board of education for construction of three frame and stucco school buildings at the Western Avenue school site, 1724 W. 53rd St. Myron Hunt and H. C. Chambers, 408 S. Spring St., architects, and Clyde C. Deuel, 405 Douglas Bldg., structural engineer.

Plans Approved.

SCHOOL Cost, $75,000
HEALDSBURG, Sonoma County, Cal. Luce Estate Property (6.8 acres).
One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.
Owner—Healdsburg Grammar School District.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Bids will be asked immediately.

BIDS WANTED

VAN NUYS, Los Angeles Co., Cal.—Until March 1, 11:30 A. M., bids will be received by purchasing bureau of Los Angeles board of education, 1425 S. San Pedro St., for two one-story, frame and stucco school buildings to be built at the Van Nuys elementary school, 6464 Sylmar Ave., Van Nuys. Gilbert S. Underwood, 408 S. Spring St., architect. Cost is $103,515.

LOW BIDDER

LOS ANGELES, Calif.—Contracting Engineers, Inc., 2310½ West Vernon Ave., submitted low bid at $49,042 to Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main building at the 24th St. school, 2055 W. 24th St. Kemper Nomland, 615 Architects' Bldg., architect, and Clyde C. Deuel, 405 Douglas Bldg., structural engineer and Henry P. Schoeller, engineer, Palmdale.

AWARDS APPROVED.

LOS ANGELES, Cal.—Public Wks Administration has approved the contracts between the Los Angeles board of education and contractors for the following school projects: Chatsworth Park school, main building, George Mittry, contractor, amount $36,007; Heliotrope Avenue main building reconstruction, Richards-Neustadt Construction Co., contractor, amount $38,281; Phinnaes Banning hlgs school shop reconstr., L. W. Odell, contractor, amount $11,670; Polytechnic high school auditorium reconstruction, R. E. Campbell, contractor, amount $186,750; Jacobs A. Riis high school shop reconstruction, R. J. Daum, contractor, amount $22,430; Wm. McKinley, junior high school administration and auditorium bldg. reconstruction, Geo. Hess, contractor, amount $144,325; Venice high school buildings, Clinton Const. Co., contractor, amount $322,300.

Bid Opening Date Postponed Until February 26, 8 P. M.

SCIENCE BLDG. Cost, $56,000
WASCO, Kern Co., Cal. High School Grounds.
One-story reinforced concrete science bldg. (to contain classrooms, laboratories, assembly hall) reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors, tile toilet room floors, heating plant, etc.
Owner—Wasco Union High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Date was previously set for Feb. 18, 8 P. M.
Plans and specifications may be obtained from the architect. Certified check or bid bond for 10% must accompany each bid. Bonds in amount of $42,000 were sold October 13.

Preparing Preliminary Plans.

SCHOOL Cost, $25,000
COLFAX, Placer Co., Calif.
One-story elementary school (5 classrooms) type of construction not determined).
Owner—Colfax Elementary School District.
Architect — George Sellon, California State Life Bldg., Sacramento.

Low Bidders.

DORMITORY Cost, $100,000
OAKLAND, Alameda Co., Cal. Mills College Campus.
Two - story dormitory (wood frame construction; 60 beds).
Owner—Mills College.
Architect—W. H. Ratcliff, Chamber of Commerce Bldg., Berkeley.
Supt. of Const.—John Brown, Mills College, Oakland.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Low bidders follow:
Grading—Ariss Knapp Co., 961 41st St., Oakland, $840.00.
Ornamental Iron — California Ornamental Iron Works, 835 8th Ave., Oakland, $400.
Stone Work—Geo. Pittock & Son, Ltd. Sacramento and Oregon Streets, Oakland, $699.
Glass and Glazing—W. P. Fuller and Co., 259 10th St., Oakland, $1,579.
Painting—A. A. Zelinsky, 3011 Steiner St., San Francisco, $2,194.
Linoleum—Higgins Awning and Linoleum Co., 2335 Broadway, Oakland, $983.00.
Tile Roof—A. K. Goodmanson, 45th Ave. and Clement St., Oakland, $3,377.
Sheet Metal—Yager Sheet Metal W'ks and Richmond Sheet Metal Works 3521 Chestnut St., Oakland (price not given).
Lumber—Sunset Lbr. Co., 400 High St., Oakland, $4,067.
Mill Work—Sunset Materials Co., 400 High St., Oakland, price not given
Concrete—Nat Lena, 1174 19th Street, Oakland, $5,030.
Tile Floors — Rigney Tile Co., 3012 Harrison St., and Superior Tile Co., (prices not given).
Heating & Ventilating—Schuster and Hudson, George Bell and Pacific Heating and Ventilating Co. (prices not given);
Insulation—Boorman Lbr. Co., 10035 E 14th St., Oakland, $422.77.
Lathing — (Bedroom units) Western Lathing Co., 666 Mission St., San Francisco, $6,000.
Lathing and Plastering — (All other partions excepting bedroom units) J. Casey, 2706 Logan St., Oakland, $10,588.
Brick Work—Herschel & Reinecke, 830 E 11th St., Oakland, $677.
Steel Sash—Soule Steel Co. 1750 Army St., San Francisco, $2,162.59.
Steel Bldg. Frames—Soule Steel Co., $11,918.
Hardwood Floors—Higgins Lbr. Co., 428 6th St., Oakland, $1,835.
Reinforcing Steel—McGrath Steel Co. 354 Hobart St., Oakland, $1,528.46.
Roads—Heafey - Moore Co., 344 High St., Oakland, $3,208.
Plumbing—Harry Kyle, 1635 E 12th St., Oakland (cost plus basis).

CONTRACT AWARDED

LOS ANGELES, Cal. — Atlas Construction Co., 39 Congress St., Pasadena, awarded contract at $33,000 by Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of shop building at the John C. Fremont High School, 7676 S. San Pedro St. A. S. Nibecker Jr., architect, and Geo. J. Fosdyke, 112 N. Main St., structural engineer.

16— BANKS, STORES AND OFFICES

To Be Done By Day's Work.
OFFICE BLDG. Cost, $——
SAN FRANCISCO. Sixth and Channel Streets.
One-story frame and stucco office bldg. (tar and gravel roof, wood floors)
Owner and Builder—John Cassaretto, Sixth and Channel Streets.
Architect—Hertzka and Knowles (W. Hertzka, architect) 982 Bryant St.
Work will be done by day's labor by the owner's own forces.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Market, Post and Montgomery Streets.
Alterations for offices.
Owner—Crocker Estate Company.
Architect—F. Eugene Barton, Crocker Building.
Lessee—Schwabacher Company.
Contractor—Jacks & Irvine, 74 New Montgomery Street.
Construction will not start for 30 days.

Construction Started.
ALTERATIONS Cost, $25,000
SAN FRANCISCO. 111 O'Farrell St.
Alterations and additions to present building for club.
Owner—Kohler & Chase, 36 O'Farrell Street (Geo. O. Chase).
Architect—Fred H. Meyer, 525 Market Street.
Lessee—Town Club of San Francisco (W. O. Brown in charge) 111 O'Farrell Street.
Contractor—Alf. J. Hopper, 1769 Pleasant Valley Road, Piedmont.

CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. Simpson Constr. Co., builder, Architects' Bldg., awarded contract to erect 7-story, 98-room Class A reinforced concrete office building (93x167 ft.) at 707 West 5th St., for California Fruit Growers' Exchange, owner, Consolidated Realty Bldg. A. R. Walker and P. A. Eisen, Ltd., Architects, 708 Pacific Commerce Bldg. Cost, $254,000.

Contract Awarded.
ALTERATIONS Cost, $1738
SAN FRANCISCO. No. 316 Post St.
Alterations to store (work involves painting, finishing, tinting, etc.)
Owner—Pacific States Savings & Loan Assn., 745 Market St., S. F.
Architect—Not Given.
Contractor — Seymour Showcase & Fixture Co., 604 Mission St., S. F.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Westerly side El Camino Real at Stanford Avenue.
One-story reinforced concrete office building (45x75 feet) to contain 13 offices and clinic treatment facilities.
Owner — Dr. Granville Wood, 2265 El Camino Real, Palo Alto.
Architect—H. C. Collins, Decker Oak Bldg., Palo Alto.
Contractor—George Moors, 431 Stanford, Palo Alto.
Roofing — C. L. Frost Roofing Co., Palo Alto.
Sheet Metal — Spangler Shreet Metal Works, Palo Alto.
Tile Work—Palo Alto Tile Co., Palo Alto.
Window Shades and Venetian Blinds ——Geo. W. Petty, Palo Alto.
Lumber—McElroy-Cheim, Palo Alto.
Lathing & Plastering—Ira T. Bridges Palo Alto.
Finish Materials and Mill Work — Pacifice Mfg. Co., Santa Clara.

Planned.
ALTERATIONS Cost, $——
PETALUMA, Sonoma Co., Calif.
Alterations to store in the Hess Bldg. (work involves new shelving, counters, etc.)
Owner — Frank Rosenberg, Economy Market, Petaluma.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Arguello and Clement Street.
Alterations to store and hall.
Owner—Richmond Masonic Temple Co. of San Francisco.
Architect — Bernard Joseph, 74 New Montgomery Street.
Contractor—Ira W. Coburn, 2048 Market Street.

BIDS OPENED.

SAN FRANCISCO. — F. M. Sauer, 725 Santiago St., at $443.00 submitted low bid to the Department of Public Works for basement shelving for the controller's office in the City Hall.
Complete bids follow:

F. M. Sauer	$443.00
M. E. Vukicevich	446.00
Monson Brothers	452.00
Fred. DuPuy	538.00

Bids held under advisement.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 17th Street and Broadway.
Recondition two offices in the Great Western Power Building.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by Engineering Dept. of Owner.

To Be Done By Day's Work.
ALTER STORE Cost, $——
SAN FRANCISCO. E Mission St. bet. 22nd and 23rd Streets.
Alterations to store and market building (45x122 ft.) modernize for markets, etc.
Owner — Martin Stelling, 333 Montgomery Street.
Architect—Not Given.
Work will be done by day's labor under the supervision of the owner.

TO ASK BIDS

SANTA MONICA, Los Angeles Co., Calif.—Architects Morgan, Walls and Clements, 1135 Van Nuys Bldg., Los Angeles, completing plans and will take bids next week for a new two-story reinforced concrete market bldg. to be erected on the southeast corner of Wilshire Blvd. and Third St., Santa Monica, for Ralph Grocery Co. Estimated cost, $60,000.

Plans Being Figured.
STORE Cost, $——
SAN MATEO, San Mateo Co., Calif. Third Street.
One - story reinforced concrete store building (2 stores) 50x70ft.; composition and tile roof, oak floors.
Owner—Martin Stelling, Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
William Martin, 666 Mission Street, San Francisco, is figuring the plans.

Plans Being Completed.
ALTER STORE Cost, $——
SALINAS, Monterey Co., Cal. Main Street.
Alterations to store building (new store front, plate glass, bars, steel girders, vitrolite, etc.)
Owner—Jensen Furniture Co., Salinas
Architect — Chas. Butner, 51 Maple St., Salinas.
Bids will be asked from local contractors in about one week.

Contract Awarded.
ALTERATIONS Cost, $1500
PALO ALTO, Santa Clara Co., Cal. No. 124-126 University Ave.
Alterations to store building.
Owner—Paul Merner, 795 State Highway, Palo Alto.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Mattock, 210 Clara St., San Francisco.

Plans Completed.
ALTERATIONS Cost, $2000
SAN FRANCISCO. 820 Mission St.
Alterations to store building.
Owner—J. Malfanti, et al.
Architect—Carl Geilfuss, 1095 Market Street.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 1035 Post St.
Alterations to store building.
Owner—M. E. Glucksman.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $4575
SAN FRANCISCO. 757-759 Market St.
Alterations & additions to store (new store front, interior alteratios, plumbing, electrical work, mill work, plastering, vestibule flooring, plate glass, white metal work, hardware, painting, sanding floors, electric reflectors, skylights, etc.
Owner—Vera Duminy.
Architect—Not Given.
Contractor—Seymour Showcase & Fixture Corp., 604 Mission St.

Contract Awarded
ALTERATIONS Cost, $2500
SAN FRANCISCO. 457 Powell Street.
Alterations to store building.
Owner—Lauriston Inv. Co., 500 Monadnock Building.
Architect—Edward G. Bolles, 681 Market Street.
Cotractor—Royal Show Case Co., 770 McAllister Street.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. 820 Mission Street
Alterations to store building.
Owner—J. Malfanti, et al.
Architect—Carl Geilfuss, 1095 Market Street.
Contractor — Peter Sartorio, Monadnock Building.

Plans Being Awarded.
ALTER OFFICE Cost, $3500
HEALDSBURG, Sonoma Co., Cal.
Alterations and additions to office building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner

18— WHARVES & DOCKS

Plans Being Revised.
EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed

tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
The PWA has suggested slight revisions in the plans and upon completion of changes plans will again be submitted to the PWA for approval.

Plans Awaiting Approval.
EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall, asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Plans have been submitted to the PWA and upon approval bids will be asked.

Planned.
YACHT HARBOR Cost, $50,000
ALAMEDA, Alameda Co., Calif. Municipal Tidelands, west of Alameda Airport.
Construction of yacht harbor, breakwater, etc. (will comprise an area 2000 ft. long and 3000 ft. wide).
Owner—Group of men headed by Wm. Henderson, 312 California St., San Francisco.
Engineer—Francis R. Smith, 58 Sutter St., San Francisco.
An application has been filed with the Alameda City Council for permission to construct the project.

Plans Being Prepared—Contract Awarded.
WHARF Cost, $——
ESTERO BAY, San Luis Obispo Co.
Wharf (1100 ft. in length) part timber and part steel construction, creosoted piling, etc.
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Calif. —Earl Heple, 484 Delmas Street, San Jose, at approximately $1,500 awarded contract by Masonic Temple Assn. to construct sidewalk over basement at 269 South First St., San Jose.

PLANNED.
SONORA, Tuolumne Co., Cal.—City Engineer C. W. Terry preparing estimate of labor and material costs for construction of municipal swimming pool, 100x50 ft. City has fund of $2,500 for materials and will apply for SERA labor to construct pool.

Sub-Contracts Awarded.
IMPROVE TRACK
Cost, Approx., $75,000
SAN BRUNO, San Mateo Co., Calif. Tanforan Race Track.
Improvements and addition at Tanforan race track (move back grandstand, etc.)
Owner—Pacific Coast Breeders Association (J. Marchbank).
Architect—Not Given.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Plastering—M. J. King, 666 Mission St., San Francisco.
Fencing—Standard Fence Co., 440 Bay Shore Blvd., San Francisco.
Lumber—McCormick Supply Co., 461 Market St., San Francisco.
Pipe Railings—Pioneer Pipe Co., 634 Townsend St., San Francisco.
Miscellaneous Iron—San Mateo Forge Co., 500 3rd St., San Mateo.
Concrete Materials—McNulty Lumber Co., 561 Huntington Ave., San Bruno.
Electric—San Bruno Electric Co., 737 San Mateo Ave., San Bruno.
Concrete Cutting — Emsco Concrete Cutting Corp., 260 Clementina St., San Francisco.

CONTRACT AWARDED
PARKER DAM, Cal. — Baker Ice Machine Co., 351 S. Anderson St., Los Angeles, has been awarded a contract by the Bureau of Reclamation, at $4613.72 (Item 2), for air cooling and ventilating equipment to be installed in office and dormitory buildings at the government camp, Parker Dam Project; Specification No. 650-D.

Planned.
MUSEUM Cost, $10,000
MARYSVILLE, Yuba Co., Cal. Napoleon Square.
Construct new museum.
Owner—Trails of '49 Association.
Architect — Chas. Dean, California State Life Bldg., Sacramento.
Further details will be announced shortly.

Planned.
ADDITION Cost, $——
CHICO, Butte Co., Cal.
Addition to Chico Memorial Mausoleum (add 140 additional crypts).
Owner — Chico Memorial Mausoleum Association.
Architect—Not Given.
Directors of the association are:
Dr. J. O. Chiapella, president; Lee Richardson, vice president; John Donohoe, secretary, W. G. Downing, H. C. Bicknell, C. C. Richardson, W. V. West, D. L. Westfall, Frank M. Moore and Dr. J. L. Doyle.

FOR SALE.
SAN FRANCISCO.—Director of Property, Joseph J. Phillips, City Hall will sell at auction on February 15, 9 A. M. city-owned buildings located at 629, 631, 633 and 635 Vermont St.

To Ask Sub-Bids In Ten Days.
MAUSOLEUM Cost, $100,000
MONTEREY, Monterey Co., Cal. Mission Memorial Tract.
One - story reinforced concrete and marble mausoleum (marble exterior, marble and bronze interior) 120x40 feet, to contain 400 crypts.
Owner — Mission Memorial Cemetery (Roaslyn Jones).
Architect—H. A. Schary, 605 Market St., San Francisco.
Contractor — Howard Seidell, Georgia Marble Co., 471 Yerba Buena Avenue, San Francisco.
Construction will start in 3 weeks.

Bids Rejected—Plans To Be Revised.
CONVENIENCE STA. Cost, $——
SAN FRANCISCO. Land's End.
One-story convenience station at Land's End.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park B. P. Lynch, Secretary).
Architect—To Be Selected.
On previous bid opening lowest bid was submitted by the Board of Park Commissioners at $4,675.

CONTRACT AWARDED
LOS ANGELES, Cal.—Commercial Electric Co., 616 W. 9th St., Los Angeles, awarded contract by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, January 30 at $1920, for constructing a 6900 - volt transmision line, 4.4 miles in length, to supply power for deep well pumping plants at the San Xavier Indian Reservation, 10 miles from Tucson Materials to be furnished by the government P. F. No. 200 Bid No. 0122 The bids were opened January 30.

BIDS WANTED
REDDING, Shasta Co., Cal.—Until February 25, 6 P. M., bids will be received by Winfred Wright, City Clerk Redding, for moving three houses at 1049, 1059 and 1071 Market Street in Redding.

Project Approved.
POOL, ETC. Cost, $16,000
GRASS VALLEY, Nevada Co., Cal.
Construct swimming pool and city park project.
Owner—City of Grass Valley.
Architect—Not Given.
Work will be done by day's labor by the SERA, who has just approved the project. The city will contribute $1700 for materials.

February 14, 1935

Planned.
LUMBER MILL Cost, $50,000
MADERA, Madera Co., Calif. Madera Yosemite Road.
Construction of wood lumber mill.
Owner—Sierra Sugar Pine Company.
Plans by Engineering Dept. of Owner.

Commissioned To Prepare Plans.
CONVENIENCE STA. Cost, $——
SAN FRANCISCO. Land's End.
One-story convenience station at Land's End.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park (B. P. Lynch, Secretary).
Architect—George Kelham, 815 Montgomery Street.
On previous bid opening lowest bid was submitted by the Board of Park Commissioners at $4,675.

Planned.
IMPROVE AIRPORT Cost, $——
ALAMEDA, Alameda Co., Cal. Alameda Airport.
Extension and improvements to airport (new hangar, radio equipment, etc.)
Owner—Pan American Airways (Mr. Grootch, in charge) Saint Francis Hotel, San Francisco.
Engineer — F. McKenzie, Alameda Airport, Alameda.
Proposed work is in a very preliminary stage.

PROJECT APPROVED.
OAKLAND, Calif.—SERA has approved appropriation of $4,564 for a survey and model of the East Bay Area showing existing, proposed, and recommended parkways; arterials, transportation; recreation centers; bayshore development, etc. Project will be supervised by E. M. Vail of the Oakland Planning Commission and will employ 9 architects, draftsmen, modelers, sculptors, artists, etc.

20— MISC. SUPPLIES AND MATERIALS

BIDS OPENED.
LOS ANGELES, Cal.—Eighteen bids were submitted to the Metropolitan Water District, Los Angeles, Feb. 11 for furnishing, fabricating and delivering as required deformed concrete reinforcement bars for use in the construction of the Colorado River Aqueduct, Spec. No. 87. All bids were identical in price with one exception (noted below3, although some firms bid only on certain schedules.
The bidders were
Soule Steel Co.: Maximum delivery per day. Schedule 1. 500 tons; Sched-

ule 2, 1500 tons; Sch. 3, 150 tons; Sch. 4, 30 tons. Discount standard code terms. Rolling mills, Columbia Steel Co. and Pacific Coast Steel Co.

J. W. Black Co., Long Beach: Sch. 3 only, maximum, 40 tons per day. Ship from Pittsburgh, Pa., Jones & Laughlin. Discount, ½ of 1% 10 days.

Trojan Steel Co., Los Angeles: Sch. 1, 100 tons per day; ship from Los Angeles, Pacific Coast Steel Co. Sch. 2, 50 tons per day; shipment from San Francisco, Simmons Steel Co. Discount, net cash 30 days or ½ of 1% 10 days.

Concrete Engr. Co., Los Angeles: Sch. 1, 1000 tons per day, shipment Los Angeles, rolled at Torrance by Columbia Steel Co. and Pacific Coast Steel Co. Sch. 2, 2400 tons per day, listing 12 rolling mills. Sch. 3, 330 tons per day; shipment from Los Angeles; rolled at Los Angeles and Torrance by Columbia Steel Co. and Pacific Coast Steel. Sch. 4, 160 tons per day; shipment from Los Angeles; Columbia Steel and Pacific Coast Steel Co. Discount, standard code.

West Virginia Rail Co., Huntington, W. V. Sch. 2 only, 100 tons per day; shipment from Huntington, W. Va.; rolled by bidder's factory. Net 30 days.

Blue Diamond Corp., Ltd., Los Angeles: Sch. 1, 500 tons per day; shipment from 1650 S. Alameda St.; rolled at Pacific Coast Steel Co. or Columbia Steel Co. plant. Sch. 2, 1000 tons per day; shipment from 1650 S. Alameda, either at bidder's plant or direct from plant of several rolling mills. Sch. 3, 150 tons per day. Sch. 4, 30 tons per day; shipment from 1650 S. Alameda St., Columbia Steel and Pacific Coast Steel Co. Discount standard code.

Ducommun Corp., Los Angeles: Sch. 1, 500 tons per day; shipment from Torrance and Los Angeles; Columbia Steel Co. and Pacific Coast Steel Co. Sch. 2, 350 tons per day from Moline and Danville, Republic Steel Corp. and Bethlehem Steel Co. Discount, all rail 30 days net or ½ of 1% 10 days on basic point value; rail and ocean, 60 days net or ½ of 1% 40 days.

A. M. Castle & Co., Los Angeles: Sch. 1, 500 tons per day, fob Torrance; Columbia Steel Co. and Pacific Coast Steel Corp. Sch. 2, 500 tons per day, Youngstown, O., Moline, Ill., and Danville, Pa. Discount, standard code.

Inland Steel Co., Chicago, Ill.: Sch. 2 only, 250 tons per day; shipment from Chicago. Discount, standard code.

Security Materials Co., Los Angeles: Sch. 1, 450 tons per day; Pacific Coast Steel and Columbia Steel Co. Sch. 2, 500 tons per day; shipment from 11 listed mills. Discount, all rail, ½ of 1% published basic price 10 days from date of invoice; rail and water, ½ of 1% 40 days.

Republic Steel Corp., Youngstown, Ohio: Sch. 1, 200 tons per day; shipment from South Chicago. Sch. 2, 200 tons per day; Moline, Ill. Discount, all rail, 30 days net; ½ of 1% cash 10 days; rail and ocean, 60 days net; ½ of 1% cash 40 days. Freight rates: $4.60, Freda; $8.30, Mecca; $2.60 Garnett and Palm Springs; $2.40, San Jacinto and Lakeville.

Graham Bros., Los Angeles: Sch. 1, 500 tons per day; shipment from Los Angeles; rolled at Torrance and Los Angeles by Pacific Coast Steel and Columbia Steel Co. Sch. 2, 60 tons; shipment same. Sch. 3, 150 tons; shipment same. Sch. 4, 50 tons shipment same. Discount, standard code.

Gulf States Steel Co., Birmingham, Ala.: Sch. 2, only, 40 tons per day; shipment from Alabama City, Ala. Discount, standard code.

California Hardware Co., Los Angeles: Sch. 1, 250 tons per day; shipment from Los Angeles; Pacific Coast Steel Co., 180 tons; shipment from Youngstown; Columbia Steel Co., 200 tons; shipment from South Chicago; Republic Steel Co. Sch. 2, 150 tons; Danville, Pa., 180 tons; Youngstown, 200 tons; Moline, Ill.

Union Hardware & Metal Co., Los Angeles: Sch. 1, 250 tons per day; shipment from Los Angeles; Pacific Coast Steel Co. Sch. 2, 150 tons; shipment from Danville, Pa.; Bethlehem Steel Co. Discount, ½ of 1%; net 30 days.

Patten-Blinn Lumber Co., Fullerton, Calif.: Sch. 1, 300 tons; shipment from Los Angeles; Pacific Coast Steel Co. Sch. 2, 700 tons; shipment from six listed mills. Sch. 3, 150 tons; shipment from 26th and Sota Sts.; Pacific Coast and Jones & Laughlin. Discount, standard code.

Truscon Steel Co.: Sch. 1, 500 tons per day; Torrance and Los Angeles; Columbia Steel and Pacific Coast Steel Co. Sch. 2, 500 tons per day; 12 mills. Sch. 3, 150 tons; shipment from Los Angeles and Torrance; Republic Steel Co., Pacific Coast Steel Co. and Judson Steel Co., Emeryville, Calif. Sch. 4, 30 tons per day; shipment Los Angeles and Torrance; same mills.

Los Angeles Iron & Steel Co.: Check insufficient—bid was not dclard.

Th schedules and items were:

SCHEDULE NO. 1

Hard grade billet-steel concrete reinforcement bars cut to lengths as ordered.

(1) (a) 2700 tons ¾-in. bars ,fob cars, Rice or Freda;

(1b) 1150 tons ⅝-in. bars do;
(2) 5 tons ⅝-in. bars, fob cars Mecca;
(3) (a) 90 tons ¾-in. bars, fob cars Garnet or Palm Springs;

(8b) 15 tons ½-in. bars do;
(4a) 470 tons ¾-in. bars, fob cars, San Jacinto or Lakeview;

(4b) 20 tons ½-in. bars do;

SCHEDULE NO. 2

Rail - steel concrete reinforcement bars cut to lengths as ordered.
(5a) 2700 tons ¾-in. bars, fob cars, Rice or Freda;

(5b) 1150 tons ⅝-in. bara, do;
(6) 5 tons ⅝-in. bars, fob cars Mecca;
(7a) 90 tons ¾-in. bars, fob cars, at Garnett or Palm Springs;
(7b) 15 tons ½-in. bars, do;
(8a) 470 tons ¾-in. bars, fob cars, San Jacinto or Lakeview;
(8b) 20 tons ½-in. bara, do.

SCHEDULE NO. 3

Intermediate grade billet-steel concrete reinforcement bars, and cutting and bending same.
(9a) 650 tons ¾- to 1¼-in. bars, fob Rice or Freda;
(9b) 15 tons ⅝-in. bars do;
(9c) 45 tons ½-in. bars, do;
(10a) 5 tons ¾- to 1¼-in. bars, fob cars, Mecca;
(10b) Does not apply here;
(10c) 2 tons ½-in. bars, fob cars Mecca;
(10d) 23 tons ¾- to 1¼-in. do,
(11a) 35 tons bars ¾- to 1¼-in., fob Garnet or Palm Springs;
(11b) 5 tons ⅝-in. bars, do;
(11c) and (11d) Do not apply here.

Amounta to be added for delivering fob truck or trailer at sites along the aqueduct at option of district:
(9) Stations 2265 to 4954;
(10) Stations 5125 to 7252;
(11) Stations 8235 to 9850.

SCHEDULE NO. 4

Intermediate grade billet-steel concrete reinforcement bars and fabricating same into circular hoops.
(12a) 85 tons furnish and form hoops 13 ft. 10-in. dia. or 1-in. bars, fob Rice or Freda;
(12b) 1310 butt-welded joints (one per hoop);
(12c) 130 testing welded joints;
(13a) 340 tons furnish steel and form circular hoops, 13 ft. 4-in. dia. and 13 ft. 5 in. dia. of 1- and 1¼ in. bars, fob cars Garnet or Palm Springs;
(13b) 5450 butt-welded joints (one per hoop) of 1-in. bars;
(13b) 130 do 1⅛-in. bars;
(13c) 560 welded joints tested;
(14a) 1375 tons furnish steel and form hoops 12 ft., 13 ft. 4in., 13 ft. 5 in. and 14 ft. dia. of ⅞- and 1-in. bars;
(14b) 120 do. ⅞-in. bars;
(14b2) 23,400 do;
(14c) 2350 welded joints tested.

Amounts to be added for delivery fob truck or trailer at sites along the aqueduct at option of district:
(12a) Stations 2265 to 4954;
(13a) Stations 8235 to 4954;
(13a) Stations 8235 to9850;
(14a) Stations 9850 to 12,074.

The unit prices and totals for each schedule were:

Sch. 1, Item	(1a)	$53.60
	(1b)	55.60
	(2a)	59.30
	(3a)	51.60
	(3b)	55.60
	(4a)	51.40
	(4b)	55.40
Total Schedule 1		$239,700.50
Sch. 2, Item	(5a)	$50.60
	(5b)	52.60
	(6a)	56.30*
	(7a)	48.60
	(7b)	52.60
	(8a)	48.40
	(8b)	52.40
Total Schedule 2		$226,350.50

(*Exceptiion: West Virginia Rail Co. bid $58 on Item (6a), making total of Sch. 2 $226,334.)

Sch. 3, Item	(9a)	$57.29
	(9b)	59.29
	(9c)	61.29
	(10a)	55.69
	(10c)	59.69
	(10d)	56.94
	(11a)	52.29
	(11b)	57.29
Total Schedule 3		$44,814.95

Additions for truck or trailer deliveries:

	(9)	$ 2.00
	(10)	2.00
	(11)	2.00
Sch. 4, Item	(12a)	$58.60
	(12b)	.09
	(12c)	.15
	(13a)	57.00
	(12b1)	.09
	(18b2)	.11
	(13c)	.15
	(14a)	56.40
	(14b1)	.07
	(14b2)	.09
	(14c)	.15
Total Schedule 4		$105,104.10

Additional for weld:

¾-in.	$ .0525
⅞-in.	.07
1-in.	.09
1⅛-in.	.11
1¼-in.	.13

Additions for trucks or trailer deliveries:

(12a)	$ 2.06
(13a)	2.00
(14a)	2.00

BIDS OPENED.

BERKELEY, Alameda Co., Calif.—Western Auto Supply Co., 2355 Broadway, Oakland, at $1,850 submitted the only bid received by the Berkeley City Council for furnishing 40 new radio receiver sets.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Cal.—Opperman & Kampe, 1901 Oregon St. Bakersfield, awarded contract by the Bakersfield Board of Education Feb. 5, at $10.50 per cu. yd., or a total of $2226 for furnishing and placing rough concrete for Fremont school underpass. Edwin J. Symmes, 215 Haberfelde Building, Bakersfield, architect. The other bids were:

Williams and Greenough, Bakersfield, $10.70.

Rocca & Co., Box 113, Bakersfield, $10.95.

CONTEMPLATED.

LOS ANGELES, Cal.—The Los Angeles city council has ordered the city engineer to present to state and federal authorities for consideration as PWA projects a program of bridge, subway and grade separation projects as follows:

Grade separations, 43 in number, costing $14,601,000; plans to be completed in between 30 to 180 days. The principal grade separation projects are:

Aliso Street viaduct over the river, certain streets and railroad tracks, $2-000,000.

Main St. over the river and tracks, $1,500,000.

Allesandro Street, $1,100,000.

Cahuenga Blvd. and Highland Ave., $500,000.

Glendale Blvd., $470,000, and Los Feliz Blvd., $400,000, at the Southern Pacific tracks.

Figueroa St. over San Fernando Road and the tracks, $900,000.

Mission Road over the Pacific Electric tracks, $400,000.

Ninth St. under Lemon St. at the Union Pacific tracks, $500,000.

La Brea Ave. and Redondo Blvd. over Pacific Electric tracks, $550,000.

Glendale Blvd. over Riverside Drive, $350,000.

Los Feliz Blv. over Riversida Dr., $300,000.

First St. over Glendale Blvd., $200,-000.

Subways, 56 separate projects, ranging in cost from $8710 to $55,500, totaling $805,640. About 30 days will be required to prepare these plans.

New bridges or replacements of old structures will be planned as follows:

Main St. over Los Angeles river, $1-500,000.

Cahuenga Ave. over Highland Ave., $500,000.

First St. over intersection of Glendale and Beverly Blvds., $200,000.

Mission Road over Pacific Electric tracks near Aliso St., $400,000.

Anaheim and Gaffey Sts., $83,000.

Eastern Ave. over Alhambra Ave., $300,000.

Huntington Drive and Harriman St. $54,000.

Over Pacific Electric tracks in Boyle Heights, Charlotte St., $15,000.

Lord Street, $100,000.

Cornwell Street, $60,000.

Baxter Street, $25,000.

Three structures over the railroad tracks on East Washington Blvd., $250,000.

BIDS WANTED

DOUGLAS, Arizona—Until February 28, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for the construction of a concrete bridge and approaches at the U. S. Inspection Station, Douglas, Arizona.

Plans and specifications obtainable from the above office, W. E. Keynolds Assistant Director of Procurement; or from the custodian of the building at Douglas.

22—DREDGING HARBOR WORKS EXCAVATION

BOND ELECTION

REDONDO BEACH, Los Angeles Co., Cal.—An election to vote on a $27,000 bond issue to finance the purchase of materials for constructing an extension to the municipal pier and other beach front improvements will be held April 8.

AWARD RECOMMENDED

MARTINEZ, Contra Costa Co., Cal. —The Martinez City Council has made a revised recommendation to the PWA for award of contract to Duncanson & Harrelson, 1405 deYoung Bldg., San Francisco, for the construction of the municipal yacht harbor.

CONTEMPLATED

NEWPORT BEACH, Orange Co., Cal.—The following projects will be included in a list of applications for PWA funds:

Extension of Balboa pier, due to the deposit of dredge material, $30,000.

Sea wall on Balboa Island, $125,000.

R. L. Patterson, City Engineer.

BIDS WANTED

SACRAMENEO, Cal.—Until Feb. 21, 3:30 P. M., to be opened at 4 P. M., bids will be received by Board of Directors of the American River Flood Control District, C. H. Merry, Secretary, Room 410, State Bldg., Sacramento, for construction of drainage ditches "A", "B" and "C". The work involves:

(1) 16,000 cu. yds. excavation;
(2) 1 36-in. diameter corrugated culvert, 50 ft. long;
(3) 1 30-in. diameter corrugated culvert, 48 ft. long,
(4) 1 40-in. diameter corrugated culvert, 40 ft. long.

Plans and specifications obtainable at Room 926 Forum Bldg., Sacramento, upon deposit of $5. Joseph E. Spenk, Assistant Engineer.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

23— IRRIGATION PROJ.

CONTEMPLATED.

GRANTS PASS, Ore.—The Applegate Valley Improvement District will submit a list of projects totaling $1,-420,00 to C. C. Hockley, Oregon State PWA Engineer, in the near future.

Principal projects included are:

(1) Construction of irrigation system for the valley, together with ditches, wiers, head boxes, etc.; estimated at $400,000.

(2) Development of power in connection with dam.

(3) Comprehensive survey and study of area, approximately $20,000.

(4) Irrigation development for Ruch, Williams Creek and adjoining areas, totaling 30,000 acres, $1,000,000.

Frank P. Farrell is attorney for the District.

TO ASK FUNDS

OAKDALE, Stanislaus Co., Calif.—Oakdale Irrigation District will apply to SERA for labor to complete $300,000 improvement program, including concrete ditch lining, construction of two reservoirs and pipe-line extensions.

CONTRACT AWARDED

HYRUM, Utah — Knowlton & Rupert, Layton, Utah, at $26,997.50 awarded contract by the Bureau of Reclamation, Hyrum, Utah, under Spec. No. 606, for the construction of a pumping plant, structures, and canal lining on the Hyrum-Mendon, Hyrum Feeder, and Wellsville Canals, Hyrum Project, Utah.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of January, 1935:

4452, Application 8060 (Mendocino

domestic purposes. Est. cost, $3000.

8221 (Trinity County) Geo. A. Grotefend, Redding, for 2.95 cfs from Cedar Creek tributary to East Fork of the Trinity River to be diverted for irrigation purposes on 97 acres. Est. cost, $100.

8222 (Trinity County) Geo. A. Grotefend, Redding, for 2.95 cfs from Cedar Creek tributary to East Fork of the Trinity River, to be diverted for mining purposes. Est. cost, $100.

8223 (Amador County) Raymond Silva, 2216 22nd St., Sacramento, for 270,000 ac. ft. per annum from Cosumnes river, tributary to Mokelumne river, to be diverted for power purposes; 13,360-thp to be developed.

8224 (Amador County) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes river tributary to Mokelumne river, to be diverted for municipal purposes in Sacramento Municipal Utility iDstrict.

8225 (Fresno County) U. S. Sequoia National Forest, Porterville, for 0.1 cfs from Mill Creek, tributary to the Kings River, to be diverted for domestic purposes. Est. cost, $2500.

8226 (Santa Clara County) P. M. Hickok, Los Gatos, for 2.5 cfs from Arroyo Creek, tributary to Alamitos and Guadalupe creeks, to be diverted for irrigation on 55.07 acres.

Co.) Issued to Alonzo Rusk, Ferndale, January 2, for 3 cfs from Cedar Creek, for power purposes. Estimated cost, $500.

4453, App. 8061 (Butte Co.) Issued to S. L. Elliott, Oroville ,January 2, for 0.12 cfs and 1 ac. ft. per annum for storage from Schwartz Creek, for mining and domestic purposes. Est. cost, $750.

4454, App. 8128 (Inyo Co.) Issued to Chas. G. Kibbe, Jr., Long Beach, Jan. 3, for 200 gals. per day from an unnamed stream, for domestic purposes. Est. cost, $60.

4456, App. 8132 (Siskiyou Co.) Issued to U. S. Shasta National Forest, Mt. Shasta, Jan. 4, for 25,000 gals. per day from Cold Springs, for domestic and fire control purposes and irrigation of two acres. Est. cost, $10,000.

4457, App. 8117 (Calaveras County) Issued to Comanche Gold Dredging Co., Los Angeles, Jan. 7, for 2.0 cfs from Mokelumne river for mining purposes. Est. cost, $5500.

4458, App. 8152 (Mendocino County) Issued to Margaret G. Hilson and W. H. Howard, Piepcy, Jan. 11, for 1.0 cfs from Dora Creek, for power and domestic purposes. Est. cost $500.

4459, App. 8141 (Yolo Co.) Issued to H. J. Hill, Jr., Los Altos, Jan. 14, for 5.0 cfs from Sacramento River, for irrigation of 366.22 acres.

4460, App. 7502 (Humboldt County) Issued to Geo. E. and Ora E. Parrish, Trinidad, Jan. 14, for 3000 gals. per day from McNeill Creek, for domestic purposes.

4461, App. 8053 (Siskiyou Co.) Issued to Alice Livesay, Fort Jones, Jan. 14, for 3.0 cfs from Boulder Creek, for recreational and domestic purposes. Est. cost, $200.

4462, App. 7995 (Santa Clara County) Issued to American Trust Co., San Francisco, Jan. 31 for 2.0 cu. ft. per second from Calero Creek for irrigation of 80.94 acres. Est. cost, $800.

4463, App. 7980 (Amador Co.) Issued to S. D. S. Mining Co., San Francisco Jan. 21, for 3.0 cfs from Slaughter House Gulch, for mining and domestic purposes. Est. cost, $300.

4464, App 8164 (Stanislaus County) Issued to H. B. Eachus, Patterson, Jan. 24, for 3.0 cfs from Del Puerto Creek, for irrigation of 255 acres. Est. cost $1000.

4465, App. 7981 (Plumas Co.) Issued to Frank W. Ingram, Reno, Nev., Jan. 24, for 3.0 cfs from Fells Creek, for mining and domestic purposes. Est. cost, $500.

4466, App. 8136 (Santa Barbara Co.) Issued to Geo. O. Knapp, Santa Barbar Jan. 24 for 7200 gals. per day from an unnamed spring for domestic purposes. Est. cost, $1600.

4467, App. 8139 (Siskiyou Co.) Issued to Happy Camp Property Owners Assn., Happy Camp, Jan. 24 ,for 1.0 cfs from Elk Creek, for municipal purposes. Est. cost, $15,000.

4468, App. 8135 (Lake County) Issued to Division of Highways, Eureka Jan. 28, for 10,000 gals. per day from an unnamed spring for recreational purposes. Est. cost, $20. 23

APPLICATIONS FILED.

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during January, 1935:

8204 (Trinity Co.) Henry B. Campbell, 266 Lenox Ave., Oakland, for 3 cfs from Little Mule Creek, tributary to Big Mule Creek, to be diverted for mining and domestic purposes.

8205 (San Diego Co.) Carlsbad Mutual Water Co., Carlsbad, for 15 cfs from San Luis Rey river, tributary to Pacific Ocean to be diverted for municipal purposes.

8206 (Tuolumne Co.) Division of Fish and Game, Dept. of Natural Resources, San Francisco, for 2.5 cfs from North Fork Tuolumne river tributary to Tuolumne river, to be diverted for recreational and domestic purposes.

8207 (Tuolumne County(Division of Fish and Game, Dept. of Natural Resources, San Francisco, for 3 cfs from Basin Slope creek tributary to North Fork Tuolumne river, to be diverted for recreational & domestic purposes.

8208 (Lassen County) C. M. Wickham, 4541 NE Sandy Blvd., Portland, Ore., for 20,000 ac. ft. per annum from Deep Cut creek tributary to Secret Creek, to be diverte for irrigation purposes on 3880 acres. Est. cost, $45-000.

8209 (Siskiyou County) Strouss Bros. Clear Creek, for 0.5 cfs from Carter Creek tributary to Klamath River, to be diverted for irrigation and domestic purposes on 13 acres. Est. cost, $300.

8210 (Amador County) S. D. S. Mining Co., 319 Matson Bldg., San Francisco, for 3 cfs from two unnamed ravines tributary to North Fork Mokelumne river, to be diverted for mining and domestic purposes. Est. cost $300.

8211 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, for .004 cfs from Indian Canyon spring tributary to Santa Clara river to be diverted for recreational and fire protection purposes. Est. cost, $600.

8212 (Santa Clara County) Theo. J. Hoover, Stanford University, for 100 ac. ft. per annum from Waddell Creek tributary to Pacific Ocean to be divert for irrigation purposes on 222.9 acres.

8213 (Butte County) Alice P. Sullivan Corp., care Cushing & Cushing, attorneys, San Francisco, for 3 cfs from Sacramento River tributary to Suisun Bay, to be diverted for irrigation on 117 acres. Est. cost, $50,000.

8214 (Marin County) A. C. Gollan, 328 Clay St., San Francisco, for 7000 gals. per day from a spring tributary to Lagunitas Creek to be diverted for irrigation and domestic purposes.

8215 (Inyo County) Theo. Peterson, Darwin, for 1 cfs from Darwin Wash, tributary to no stream, to be diverted for recreational purposes. Est. cost $800.

8216 (San Diego County) City of Oceanside for 25 cfs from San Luis Rey river, for municipal purposes.

8217 (Mono County) Dept. of Water & Power of City of Los Angeles, for 64 ac. ft. per annum from two springs tributary to Owens River to be diverted for domestic purposes. Estimated cost, $4500.

8218 (Mendocino Co.) Alonzo Rusk, Ferndale, for .36 cfs from Cedar Creek tributary to Eel river to be diverted for fish hatchery purposes. Est. cost $50.

8219 (Siskiyou County) Alice Livesay, Ft. Jones, for 2 cfs from Boulder Creek tributary to Scott River, to be diverted for power purposes; 45.5-thp to be developed. Est. cost, $700.

25—MACHINERY AND EQUIPMENT

LOW BIDDERS.

MARE ISLAND, Cal.—Star Iron & Steel Co., 435 E 11th St., Tacoma, at $75,300 submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7855, for one 40-ton outdoor electric gantry crane and runway at Mare Island Navy Yard.

R. W. Kaltenbach Corp., Bedford, Ohio, at $87,000 submitted second low bid.

BIDS OPENED.

BOULDER DAM, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colorado, February 6, under Spec. No. 654-D, for furnishing deep well turbine pumping units for Boulder Dam and Power Plant:

Stearns Rodger Mfg. Co., (Fob pt.) Boulder City; (Bid) $15,836.

Byron Jackson Co., Boulder City: $15,769.90.

Johnston Pump Co., Boulder City; $10,062.50.

Victor Equipment Co., Boulder City; $10,070.62.

Fairbanks Morse and Co., Boulder City; $10,394.61.

Fairbanks Morse and Co., Boulder City; $9,819.27.

Worthington Pump & Mchy. Corp., Boulder City; $15,344.70.

American Well Works, Boulder City $10,357.48.

Layne & Bowler, Boulder City; $15-344.70.

Layne & Bowler, Boulder City; $16-096.95.

Aurora Pump Co., Aurora, Ill., (discount) 2%; $13,212.00.

Food Machinery Corp., Boulder City $10,322.36.

Bids held under advisement.

SANTA BARBARA — CAST IRON PIPE — (CITY)

SANTA BARBARA, Santa Barbara Co., Cal.—Bids for furnishing cast iron pipe and fittings were opened by the Santa Barbara City Council Feb. 7. The quantities were:

(1) 3300 ft. 12-in. pipe;
(2) 1500 ft. 6-in. pipe;
(3) 200 ft. 8-in. pipe;
(4) 200 ft. 4-in. pipe;
(5) 1 18-in. wye branch;
(6) 1 18-in. tee flange outlet;
(7) 1 12x8-in. tee, flange outlet;
(8) 1 18-in. blind flange;
(9) 1 18x12-in. reducer;
(10) 1 18-in., 45-degree curve;
(11) 1 12-in., 45-degree curve, one bell
(12) 2 12-in., 45-deg. curves, all bells;
(13) 10 12-in., 11½-degree curves.

The bidders were:

(A) American Cast Iron Pipe Co.
(B) Alhambra Foundry Co.
(C) Reliable Iron Foundry Co.
(D) Utilities Supply Co.
(E) Johns-Manville Co.
(F) Pacific States Cast Iron Pipe Co. (McWayne pipe).
(G) U. S. Steel Pipe & Foundry Co.

The bids, showing totals for each item, were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$6006.00	$	$	$6006.00	$	$6138.00	$6138.00
(2)	1065.00	.....	.....	1065.00	1927.50	1095.00	1095.00
(3)	212.00	.....	.....	212.00	175.60	220.00	218.00
(4)	94.00	.....	.....	98.00	91.60	96.00	98.00
(5)	99.18	95.45	95.45	95.45	.....	.....	101.50
(6)	59.96	61.30	61.30	61.30	.....	.....	61.50
(7)	33.38	28.55	28.55	28.55	.....	.....	34.50
(8)	12.63	16.85	16.85	61.85	.....	.....	13.00
(9)	18.23	20.07	20.07	20.07	.....	.....	19.50
(10)	25.05	31.59	31.59	31.59	.....	.....	26.00
(11)	12.19	12.90	12.59	12.59	.....	13.25	13.00
(12)	28.24	29.20	29.20	29.20	.....	30.00	30.00
(13)	121.90	161.40	161.40	161.40	.....	137.50	130.00

BIDS OPENED.

BOULDER DAM, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colorado, February 7, under Spec. No. 609, for furnishing control cable supports and control tunnel car for the Boulder Power Plant:

Midwest Steel & Iron Works Co., (Fob Pt.) Boulder City; (Discount) ½%; (Item No. 1) $23,950.00.

John W. Beam, see notes; ½%; $29-000; (Item No. 2) $2,400; (Combination Bid) $31,200.

Pittsburg-Des Moines Steel Co., see notes; ½%; (Item No. 1) $26,320.

The Atlas Car & Mfg. Co., Cleveland; (No. 2) $1,920.

The C. S. Card Iron Works Co., Denver, Colo.; 1%; (No. 2) $1,160.00.

The C. S. Card Iron Works Co., Denver, Colo.; (No. 2) $1,260.00.

A. J. Bayer Co., Los Angeles; (No. 1) $26,980; (No. 2) $2,390; (No. 3) $29.-300.00.

Duffin Iron Co., Chicago; ½%; (No. 1) $26,639; (No. 2) $2,700; (No. 3) $29-200.

Minneapolis - Moline Power Implement Co., Boulder City; (No. 1) $34,-700; (No. 2) $1,920.

Lakeside Bridge & Steel Co., Milwaukee; (No. 1) $23,980; (No. 2) $1,-495; (No. 3) $25,475.

Bethlehem Steel Co., Boulder City; ½%; (No. 2) $470.

Milwaukee Bridge Co., Boulder City (No. 1) $29,967; (No. 2) $2,155; (No. 3) $32,122.

McClintic-Marshall Corp., Chicago; (No. 1) $33,800.

Consolidated Steel Corp., Ltd., Los Angeles, (No. 1) $29,800; (No. 2) $2,-600.

American Bridge Co., Boulder City; (No. 1) $36,114; (No. 2) $2 773.

Mississippi Valley Structural Steel Co.; see notes; (No. 1) $27,542; (No. 2) $1,888; (No. 3) $29,074.

Ogen Iron Works Co., Ogden, Utah; 1%; (No. 2) $1,540.83.

Worden - Allen Co., Boulder City; ½%; (No. 1) $26,942; (No. 2) $2,100; (No. 3) $28,960.

The Ingalls Iron Works Co., Boulder City; (No. 1) $28,635; (No. 2) $2,100; (No. 3) $30,425.

E. Burkhart & Sons, Denver, Colo.; ½%; (No. 1) $32,582; (No. 2) $1,439; (No. 3) $34,021.

Fob points:

John W. Beam: Item No. 1, Pectone Ill.; No. 2, Denver, Colo.

Pittsburg-Des Moines Steel Co. ,100-000 lbs., Chicago; 7,000 lbs., Kansas City; 400,000 lbs., Des Moines Ia.

Mississippi Valley Struc. Steel Co., Item 1, Boulder City; Item 2, Saint Louis; Combination, Boulder City.

Bids held under advisement.

BIDS OPENED

GRAND COULEE DAM, Washington—Following bids received by the Bureau of Reclamation, Denver, Colo., February 7, under Spec. No. 653-D, for furnishing one 7½-ton traveling crane for the Government Warehouse at Grand Coulee Dam:

Bedford Foundry & Machinery Co., (f.o.b. point), Bedford, Ind., (disc.) ½; $2596.

Northern Engineering Works; Detroit Mich., $3475.

Conco Engineering Works; Mendota, Ill; $3390.

Maris Brothers, Inc.; Philadelphia, Pa.; discount 1; $3010.

Lakeside Bridge & Steel Co., Almira, Wash.; $6325.

Harnischfeger Sales Corp.; Milwaukee, Wis.; $4574.

Granger Machinery Corp.; Reading, Pa.; $3939.

Ederer Engineering Co.; Seattle, Wash $3875.

Shaw-Box Crane & Hoist Co., Inc.; Muskegon, Mich.; $4564.

Euclid-Armington Corp.; Euclid, O.; $4200.

Judson-Pacific Co.; San Francisco; $4285.

Erie Steel Constr. Co.; Erie, Pa.; $4364.

Erie Steel Constr. Co.; Erie, Pa.; 3835.

Shepard-Niles Crane & Hoist Corp., Montour Falls, N. Y.; ½; $3997.

Whiting Corporation; Harvey, Ill.; $5355.

Bids held under advisement.

CONTRACTS AWARDED

EUREKA, Humboldt Co., Calif.—Contracts for the rental of six 3-yard dump trucks for 500 hours each, have been awarded by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, as follows:

Two trucks to be used near Eureka: W. E. Sinclair, Miranda, at $2.55 per hour.

Two trucks to be used near Garberville: J. Starkenburg, Los Angeles at $2.55 per hour.

Two trucks to be used in Mendocino and Lake Counties: Paul Entremont, Colusa, at $2.55 per hour.

Awards were determined by drawing lots.

BIDS OPENED

NORTH HOLLYWOOD, Cal.—Following bids received by the State Purchasing Agent, Sacramento, February 5, under Quotation 27568, Req. 6970, for furnishing one trailbuilder f.o.b. North Hollywood:

Gar Wood: "RH", $1147.50; "RV", $1232.50; 5% 30 days.

Mack Wooldridge: $1232.50; 5% 30 days.

Brown-Bevis: $1149.50; 2% 30 days.

Shepherd Tractor & Equipment Co.: "35", $1400 (delivered and installed); "LeTourneau Angledozer", $1478; 2% 30 days.

Crook Co.: $1400 (delivered and installed); 2% 30 days.

Smith Booth Usher: "Isaaeson" $1,-149.50, net; "Wooldridge", $1232.50, 5 per cent 15 days.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the State Purchasing Agent, Sacramento, February 7, under Quotation 27716, Req. 9886, for furnishing one pneumatic-tired one-man motor grader with 12-ft. moldboard. Alternate bids are for 10-ft. moldboards:

Edward R. Bacon Co.: Wehr G.8.250, $4138.25 alt., $4127.75; 12 days delivery.

J. D. Adams Road Machinery Co.: Adams No. 301; $4148.50; alt., $4138; 15 days.

Weaver-Rye Tractor Co.: Cat. Auto Patrol No. 10; $4275.50; alt., $4265; 15 days.

Associated Equipment Co.: Warco: $4275.50; alt., $4265; 9 days.

Austin Western Co.: Austin 77 Jr.: $4275.50; alt., $54265; 15 days.

Jenison Machinery Co.: Galion: $4,-148.50; alt., $4138; 16 days.

All bidders offered discount of 2% 30 days.

Bids held under advisement.

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—W. E. Karstedt, 668 Morse St., San Jose, at $5 per hour, submitted low bid to the Department of Public Works, Division of Highways, a the office of Jno. H. Skeggs, district engineer, Room 211, State Building San Francisco, for rental for a period of approximately 500 hours of one tractor (not less than 60-hp), equipped with bulldozer. Equipment to be immediately available for use in Santa Cruz County. Complete bids follow:

W. E. Karstedt, San Jose	$5.00
S. Carruthers, San Mateo	5.50
E. W. Hepple, San Jose	6.25
A. J. Raisch, San Francisco	6.25
Granfield-Farrar & Carlin, S. F.	6.50
R. A. Farish, San Francisco	6.50

Bids held under advisement

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—W. E. Karstedt, 668 Morse St., San Jose, at $6 per hour, submitted low bid to the Department of Public Works, Division of Highways, at the office of Jno. H. Skeggs, district engineer, State Building, San Francisco, for rental for a period of approximately 500 hours of one power shovel, not less than 1 cubic yard capacity, complete with dragline boom and bucket; also shovel boom and bucket. Equipment to be immediately available for use in Santa Cruz County. Complete bids follow:

W. E. Karstedt, San Jose	$6.00
Eaton & Smith, San Francisco	7.00
E. W. Hepple, San Jose	7.82
Granfield-Farrar & Carlin, S. F.	800

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1334, for furnishing 30 1-in. and 50 2-in. water meters, including credit allowance on 8 2-in. and 14 1-in. old meters.

Pittsburg Equitable Meter Co., Oakland, $3228.

Hartenstein-King Co., San Francisco, $3165.20.

Hersey Mfg. Co., South Boston, Mass. $3228.

Neptune Meter Co., San Francisco, $3228.

Crane Co., San Francisco, $3660.

National Meter Co., Brooklyn, New York, $3449.

Bids held under advisement.

30—RESERVOIRS & DAMS

BONDS DEFEATED

VENTURA, Ventura Co., Calif.—The $1,150,000 bond issue to provide funds for a dam and reservoir at the Hoffman site on the Santa Ana river and appurtenant works for an additional water supply was defeated at the election February 5. The issue failed by 240 votes to receive the required majority of the 2566 votes cast.

SPECIFICATIONS COMPLETED

SANTA CLARA COUNTY, Calif.—Fred H. Tibbetts, chief engineer for the Santa Clara Water Conservation District, has submitted completed specifications for gates, valves and appurtenances for five dams to PWA for approval. Bids will be asked as soon as federal approval is received. The equipment is for Almaden, Calero, Guadulupe, Stevens Creek and Coyote dams which are under construction or will be contracted short-58.63c.

31—PIPE LINES & WELLS

TO AWARD CONTRACTS

TACOMA, Wash. — It is reported that contracts for the construction of about nine miles of the Green River Gravity Pipe Line, from the intersection of Collins and Meridian Roads to a junction with the old line at South 64th St. and Park Ave., Tacoma, will probably be awarded as follows:

Proposition 1, Section N: 42-inch steel pipe, paint coating: Puget Sound Machinery Depot, 322 First S, Seattle at $108,011. (Parker-Schram Co., Portland, were permitted to withdraw their low bid of $69,618 on this section due to error.)

American Concrete Pipe Co., Tacoma, will probably be awarded the balance. Proposal 7, Section M, all 54-in. concrete, at $526,224.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until February 25, 2 P. M., bids will be received by the Citrus Heights Irrigation District, Citrus Heights Community Club Bldg., Sylvan Road, R. F. D., Roseville, for furnishing and installing pipe and auxiliary apparatus.

Specifications obtainable from J. C. Boyd, Engineer, 406 Mitau Building, Sacramento.

COMPLETE BID LISTING

CLARK COUNTY, Nevada—Silver State Construction Co., Fallon, Nev., at $7946, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, S. C. Durkee, State Highway Engineer, February 6, for the construction of a pipe line and tree pits in Clark County, Route 6, Section C2, a length of 1.65 miles. Bids were taken as follows:

(1) 17,500 lin. ft. 2-in. pipe;
(2) 98 ¾-in. outlet risers;
(3) 195 8-ft. tree pits;
(4) 40 4-ft. tree pits.

Total bids follow:

(A) Silver State Constr. Co., Fallon, $7946.
(B) W. J. Rhoads, Las Vegas, $9482.96
(C) Engineer's Estimate, $9064.

Unit bids follow:

(1)	$ .30	$ .385	$ .35
(2)	2.00	3.12	3.00
(3)	12.00	11.90	13.00
(4)	4.00	2.98	2.75

COMPLETE BID LISTING

CLARK COUNTY, Nev.—Joe Evans, Las Vegas, Nevada, at $2404, as previously reported, submitted only bid & awarded contract by Nevada State Highway Directors, Carson City, S. C. Durkee, State Hiwhway Engineer, February 6, for drilling a water well for irrigation purposes in Clark County, 1.7 miles south of Las Vegas city limits, Route 6, Section C2. The work consists of drilling the water well with casing ready for pump installation. Total bids follow:

(A) Joe Evans, Las Vegas, $2404.
(B) Engineer's Estimate, $2430.

Unit bids follow:

(1) 600 lin. ft. drilling well (A) $2.30; (B) $2.50.
(2) 200 lin. ft. 10-in. well casing (A) $2.195; (B) $2.00.
(3) 200 lin. ft. 8-in. well casing (A) $1.70; (B) $1.40.
(4) 200 lin. ft. 6-in. well casing (A) $1.225; (B) $1.25.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until February 25, 2 P. M., as previously reported, bids will he received by the Citrus Heights Irrigation District, Citrue Heights Community Club Bldg. Sylvan Road, R.F.D. No. 1, Roseville, for furnishing and installing pipe and auxiliary apparatus for the district's pipe line lateral.

The work includes 2600 feet of 12-" welded and soil-proofed steel pipe, with gates at each end; to attach at right angles to a 24-in. main and at the opposite end to a 9-in. continuation lateral. The outlets for 4-in. and 6-in. laterals will be requirtd.

Excavation and backfilling probably will be done by SERA labor.

Specifications obtainable from J. C. Boyd, Engineer, 406 Mitau Bldg., Sacramento.

CONTRACT AWARDED

ENCINTAS, San Diego Co., Calif.—Southern Pipe & Casing Co., Azusa, awarded contract by the San Dieguito Irrigation District, Encinitas, Feb. 5, for furnishing 4800 ft. 4-in. I. D. and 5400 ft. 6-in. I. D. welded steel pipe, 12-ga., 7-64-in., dipped and wrapped.

The bids were taken as follows:

ALTERNATE BID NO. 1

4800 ft. 4-in. ID, electric welded, 7/64-in., 12-gauge steel pipe (dipped and wrapped);
5400 ft. 6-in. ID, electric welded, 7/64-in., 12-gauge steel pipe (dipped and wrapped);
Delivery not later than Feb. 12, 1935, on 4-in.
Not later than Feb. 28, 1935, on 6-in.

ALTERNATE BID NO. 2

4800 ft. 4-in. ID, electric welded, ⅛-inch 11-gauge steel pipe (dipped and wrapped);
5400 ft. 6-in. ID, electric welded, ⅛-inch 11-gauge steel pipe (dipped and wrapped);
Delivery not later than Feb. 12, 1935, on 4-in.
Net later than Feb. 28, 1935, on 6-in.

ALTERNATE BID NO. 3

4800 ft. 5-in. OD, lap welded, 5/32-in. (.134) gas line steel pipe (dipped and wrapped).
5400 ft. 7-in. OD, lap welded, 3/16-in. (.149) gas line steel pipe (dipped and wrapped).
Delivery not later than Feb. 12, 1935, on 5-in.
Not later than Feb. 28, 1935, on 7-in.

The bids were:

Southern Pipe & Casing Co., Azusa: Alt. 1, Item (1) 4-in., 27.1c; (2) 6-in. 36.4c; fob plant .

American Pipe & Steel Co., Alhambra: Alt. 1, (1) 30.75c; (2) 37c.

Western Metals Co.: Alt. 3 (1) 5-in., 34.48c; (2) 7-in., 54.63c; less sales tax; delivery, 6 to 7 weeks.

Crane Co.: Alt. 3, (1) 5-in., 34.93c.

Ducommun Corp.: Alt. 3, (2) 7-in.,

32—SEWERS & SEWAGE DISPOSAL PLANTS

February 8, 1935

CONTRACT AWARDED

LOS ANGELES, Cal. — International Derrick & Equipment Co. of Calif, 417 S. Hill St., awarded contract by the Los Angeles Board of Public Works, Feb. 6, at $4700, for construction of the gas holder at Terminal Island Sewage Treatment Plant PWA Project No. 5633, Unit No. 3C. The bids were opened January 9.

CONTEMPLATED

NEWPORT BEACH, Orange Co., Cal.—R. L. Patterson, City Engineer, has included the following in a list of projects to be included in the new city applications to be made to the PWA for funds for municipal improvements:

Sewer protection along the ocean front, $150,000.

Sewage plant and extension of mains, $170,000.

CONTRACT AWARDED.

ONTARIO, San Bernardino Co., Cal.—H. A. Teget, 132 Princeton Avenue, Ontario, at $34,770 awarded contract by the Ontario City Council for all construction incident to the completion of the sewage disposal plant.

ALLOTMENT CHANGED.

BURLINGAME, San Mateo Co., Cal.—The Federal Public Works Administration has announced the change of a loan and grant of $147,000 to the City of Burlingame for sewer construction to a grant of $40,000.

CONTRACT AWARDED

SAN FRANCISCO.—Bay Shore Construction Co., Inc., 255 Bay Shore Blvd., at $1,365.60 awarded contract by the Department of Public Works, City Hall, for the reconstruction of a sewer on 22nd Street between Potrero Ave. and San Bruno Ave.

February 11, 1935

GRANT REDUCED.

ROSEVILLE, Placer Co., Cal.—The Federal Public Works Administration has reduced a grant to the City of Roseville for waterworks improvements from $55,000 to $19,000, due to a revision in plans by the City.

BIDS OPENED

LOS ANGELES, Cal.—V. C. K. Construction Co., 5629 Via Corona, submitted low bid to the Los Angeles Board of Public Works, February 6, at $1283.40 for constructing a sewer in G Street, from Fickett to Figueroa Sts., for a distance of 505 feet, under the 1911 act. The work involves:

(1) sewer mains complete;
(2) 160 l.f. house sewers;
(3) 22,080 sq. ft. Class AA resurfacing.

The total bids were:

(A) V. C. K. Const. Co., $1283.40.
(B) Mike Radich, $1546.20.
(C) Nick Chutuk, $1630.80.
(D) John Grancich, $1711.60 .
(E) Engineer's estimate, $1629.40.

The unit bids were:

	(1)	(2)	(3)
(A)	$ 737.00	$1.00	$.0175
(B)	1015.00	1.25	.015
(C)	754.00	.65	.035
(D)	1097.20	1.08	.02
(E)	767.00	1.25	.03

33— WATER WORKS

BIDS OPENED

SOUTH PASADENA, Los Angeles Co., Cal.—A complete tabulation of the bids received by the South Pasadena City Council, February 6, for furnishing cast iron pipe, gate valves and fittings, for use in the construction of the Raymond Avenue water system is on file at the office of DAILY PACIFIC BUILDER.

CONTRACT AWARDED

SOUTH PASADENA, Los Angeles Co., Cal.—U. S. Pipe & Foundry Co., awarded contract by the city council February 6, at $7617.50 for furnishing cast iron pipe for the Raymond Ave. water system, involving 5500 ft. 10-in. at $1.32 ft.; 2000 ft. 8-in. at 98.5c ft.; and 550 ft. 6-in. at 65c ft. Contract for the valves and fittings will be awarded at the next meeting Feb. 13.

TO ASK FUNDS

LOMPOC, Santa Barbara Co., Cal.—The Lompoc Light & Water Department has announced that application will be made to the PWA for funds to finance improvements to the water system. These include:

New pumping unit to replace the small one new in operation in Miguelito Canyon and extensions to the mains, $5425.

Construct larger mains in the Lafayette Square district and north of the railway tracks near the S. P. Milling Co., $20,000.

Soft water pumping plant, including purchase of land, drilling a well and installing piping, $30,000.

E. A. Vaughn is city manager.

CONTEMPLATED

NEWPORT BEACH, Orange Co., Cal.—One hundred and twenty thousand dollars for the construction of a water supply project will be included in a list of applications for PWA funds, according to R. L. Patterson, City Engineer.

BIDS WANTED

SEATTLE, Wash.—Until Feb. 19, 8 P. M., bids will be received by J. C. Colburn, 12207 22nd Avenue S., Secretary of Water District No. 20, Seattle for the construction of water mains. The work involves 1500 ft. 2-in. galvanized water main; 14,200 ft. 3-in. steel water main, and 6,100 ft. 4-in. water main.

Plans and specifications obtainable from the Miller Engr. Co., 745 21st Ave. No., Seattle.

PROJECT APPROVED.

NORTH SACRAMENTO, Cal.—S. E. R. A. has approved appropriation of $1513 for survey of North Sacramento water system and preparation of preliminary plans for municipal water distribution system. Project supervised by Carl L. Knight and will employ two draftsmen, one engineer and three laborers. 1

34— PARKS & PLAY-GROUNDS

CONTEMPLATED

NEWPORT BEACH, Orange Co., Cal.—R. L. Patterson, City Engineer, has announced that a request for $30,000 for improvement of parks will be included in a list of applications for PWA funds.

35— TUNNELS

CONTEMPLATED

LOS ANGELES, Cal.—The Los Angeles City Council has directed the City Engineer to present to state and federal authorities for consideration as PWA projects, a program of tunnel construction totaling $1,640,000. The individual projects are:

Castellar St. Tunnel(between Hill and Temple Sts.)— $760,000.

Fourth St. under Bunker Hill—$1,835,000.

Hill St. Tunnel (north of Temple St.), widening, reconstructing, for automobile Traffic—$625,000.

Third St. Tunnel, widening — $1,000.

29—STREETS AND HIGHWAYS

BIDS OPENED.

SAN FRANCISCO.—D. C. McCabe, 74 New Montgomery St., at $247 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18835, for constructing an asphaltic sidewalk on the easterly side of Bay Shore Blvd. between Waterloo and Marengo Streets.

The other bids were:

E. J. Treacy, San Francisco	$312.00
Fay Imp. Co., San Francisco	385.00

Bids held under advisement.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until February 26, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing approximately 300 tons liquid asphaltic road material Type S.C-2, and 1100 tons liquid asphaltic road material Type M.C.-4 and/or Type M.C-5, for use on Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Arizona.

Specifications obtainable from the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, or 802 Title & Trust Bldg., Phoenix.

February 14, 1935

BIDS WANTED

SAN FRANCISCO. — Until Feb. 27, 2:30 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, for improvement of Kramer Pl. between Greenwich Street and the southerly termination of Kramer Pl., and of Pardee Alley between Kramer Place and Grant Ave. Estimated cost $1,700.

The work involves:

(1) 30 c.y. sand fill;
(2) 8 l.f. 10-in. vitrified clay pipe culvert in place;
(3) 3 8x6-in. wye branches in place;
(4) 1 brick manhole complete;
(5) 15 l.f. vitrified clay pipe side sewers in place;
(6) 1 brick catchbasin complete;
(7) 296 l.f. armored concrete curb;
(8) 200 lbs. bar reinf. steel in place;
(9) 20 c.y. Class B concrete in stairs and wall;
(10) 50 l.f. 1½-in. stand 3-pipe railing, including 10 concrete posts,
(11) 500 sq. ft. 1-course concrete sidewalk;
(12) 140 sq. ft. 6-in. Class E concrete pavement.

Plans and specifications available from John J. Casey, City Engineer, Rm. 353, City Hall, upon deposit of $10.

CONTEMPLATED

CORONADO, San Diego Co., Cal.—Public Works projects which the Coronado City Council will include in a list of applications to be submitted to the State Planning Commission are:

Construction of a storm drain, $28,000.

Street lights for Orange Ave., $25,-

Construction of four streets, $80,000 with $16,000 for rights-of-way and including road through Tent City.

Street resurfacing, $150,000.

New sidewalks, curbs and gutters, $60,000.

Improvements of yacht harbor in Glorietta Bay $450,000.

Construction of ocean pier, $35,000.

A. E. Ingham, City Manager. '9

CONTRACT AWARDED

ISLAND COUNTY, Wash.—H. P. Dorsey Co., 2006 State St., Bellingham, at $27,614.50 submitted low bid and awarded contract by L. V. Murrow, State Director of Highways, Olympia, Wash., for grading, surfacing with crushed stone, constructing a bituminous surface by the road mix method and the application of a dust palliative on about 4.9 miles of the county road, Stanwood to Utsalady, U.S.P.W. Project NRS 218-A, in Island County.

Complete bids follow:

H. P. Dorsey Co., Bellingham	$27,614
F. E. Wilder, Olympia	27,953
James Borin, Portland	27,9[illegible]
J. D. Harms, Seattle	29,314
Wilder & Montfort, Blaine	29,814
L. Colucciо & Co., Seattle	30,462
John Otteson, Seattle	30,719
Eldral Const. Co., Seattle	31,913
Hallstrom & Hallstrom, Seattle	33,960
E. J. Templeton, Everett	34,448

BIDS WANTED

SAN FRANCISCO.—Until Feb. 15, 1:45 P. M., informal bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Room 251, City Hall, for the construction of an asphalt macadam sidewalk from Van Ness Avenue to Dock 4, Fort Mason. Plans and specifications obtainable from John J. Casey, City Engineer, Room 351, City Hall, upon deposit of $10.00.

SAN FRANCISCO—Submarine Section of Bay Crossing Pipe Line No. 2 — (BIDS WANTED)

SAN FRANCISCO—Until Mar. 6, 3 P. M., bids will be received by Public Utilities Commission Rm. 287, City Hall, Felton Taylor, Secty. under Spec. W.D.53, for construction of a double line of 54-in. submirine pipe, approx. 2800 feet in length, across the southerly arm of San Francisco Bay at Dumbarton Strait, from a point located on the easterly shore of San Francisco Bay, about 3½ miles westerly from the town of Newark in Alameda County, to the existing caisson at the easterly end of the San Francisco Water Department's steel bridge, about 7 miles easterly from Redwood City, San Mateo County; and a single line of 54-in. pipe, approximately 435 feet long, across Newark Slough, a navigable channel, at a point about 2 miles westerly from the town of Newark.

The proposed submarine pipes will be laid northerly of and in general parallel to the existing 42-in. cast iron submarine pipe line of the San Francisco Water Department, which is located northerly of the Southern Pacific Company's railroad bridges at these crossings.

The contract covers, in addition to the furnishing and installing of the submarine pipe lines proper: the furnishing and or installing of the necessary valves, fittings and pipe connecting with the 60-in. and 76-in. pipe on the bridge and extending down through the caisson to the submarine outlets, including all auxiliary piping and appurtenances, all steel work and concrete supports, all electrical work, and the housing structure over the caisson; the removal of certain portions of the existing 16-in. submarine pipe lines of the San Francisco Water Department; the furnishing and installing of the connections between the submarine pipes at the east shore of the Bay with the existing 60-in. pipe and the 66-in. pipe being constructed under Contract No. W. D. 16; the furnishing and installing of the connection with the new 66-in. line on both side of Newark slough; all excavation and backfill; furnishing and installing the necessary support for the pipe including pile trestles, rock fill and tremie concrete; the satisfactory testing of the line and its delivery to the City complete and ready for service.

Alternate Propositions

Three general proposition, designated herein as Propositions A, B, and C, will be considered for the construction of the required submarine pipe line with the necessary fittings and appurtenances. The propositions all include the necessary construction and installation at the caisson and differ only in the type of construction to be used for the submarine work and its support.

Proposition "A"

Under Proposition "A" the required submarine pipe construction shall consist of pipe with flanged joints supported on submarine pile trestles. The pipe shall be fabricated of ¾-in. steel plates, coated outside with bituminous enamel and a jacket of reinforced gunite 6-in. thick. The inside of the pipe shall be coated with a spun bituminous enamel lining. The length of sections in which the pipe is to be fabricated and laid is optional with the Contractor. Joints will be made by means of flanges, bolted up under water and encased in blocks of tremie concrete. The pile trestle supporting the pipe shall be composed of pile bents spaced generally on 20-ft. centers, plus or minus, placed in trenches dredged for the purpose; the trenches are to be backfilled with excavated material after the pipe lines have completed and tested.

Proposition "B"

Under Proposition "B" the required submarine pipe construction shall consist of cast iron pipe coated inside and outside with bituminous enamel and having special flexible joints. The pipe walls shall be 2.50 inches in thickness, except as other-

wise provided for in these specifications, and is to be laid in not less than 12 foot lengths. Each line shall be laid in a dredged trench and on a crushed rockfill; backfill over the pipe is to be made with excavated material.

Proposition "C"

Under Proposition "C" the required submarine pipe construction shall consist of a flexible joint steel-cylinder concrete pipe. The steel cylinder shall be ¾-in. thick, covered on the outside with a coating of bituminous enamel and a reinforced concrete jacket 4-in. thick, and on the inside with a centrifugally spun concrete lining 2-in. thick. The laying length of each section shall be not less than 12 ft. The requirements for excavation, backfill, rock fill and joints shall be as prescribed in Proposition "B".

Bidders may submit proposals on any or all propositions.

The requirements under Contract Items 20 to 30, inclusive, apply without change to all the work under all propositions.

The work to be performed under this contract is being financed in part by the Federal Emergency Administration of Public Works under provisions of the National Industrial Recovery Act.

Bids will be received as follows:

No.	Item	Unit	Proposition A	Proposition B	Proposition C
(1)	Excavation between shore line at Dumbarton Strait;	cu. yd.	100,000	118,000	132,000
(2)	Excavation between shore lines at Newark slough;	cu. yd.	6,000	7,000	8.000
(3)	Excavation on land;	cu. yd.	100	100	100
(4)	Rock-fill;	cu. yd.	530	24,500	26,500
(5)	Furnish untreated piles;	lin. ft.	800	500	500
(5)	Furnishing untreated piles;	lin. ft.	52,000	11,500	9,700
(7)	Driving piles;	each	880	200	170
(8)	Furnishing and installing untreated timber;	M.B.M.	10.0	5.0	5.0
(9)	Furnishing and installing treated timber;	M.B.M.	70.0	20.0	20.0
(10)	Tremie concrete, Class A;	cu. yd.	1,425	130	125
(11)	Tremie concrete, Class B;	cu. yd.	25	525	550
(12)	Extra cement;	bbl.	125	50	75
(13)	Removing existing 16-in. submarine pipes in the channel of Dumbarton strait between Stations 5+00 and 17+00;	lin. ft.	2.600	2,600	2,600
(14)	Removing existing 16-in. submarine pipes in Dumbarton strait between the westerly shore line and Station 5+00 and the easterly shore line and Station 17+00;	lin. ft.	12,000	12,000	12,000
(15)	Furnishing and laying 54-in. flanged joint steel pipe with gunite jacket in Dumbarton Strait;	lin. ft.	5,600	.....	.....
(16)	Furnishing and laying 54-inch flanged joint steel pipe with gunite jacket in Newark slough;	lin. ft.	435	.....	.....
(17)	Constructing angles in 54-in. flanged joint steel pipe line;	each	28	.....	.....
(18)	Furnishing and laying 54-in. flexible joint cast iron pipe in Dumbarton Strait;	lin. ft.	....	5,600	.....
(19)	Furnishing and laying 54-in. flexible joint cast iron pipe in Newark slough;	lin. ft.	..	435	.....
(20)	Furnishing and laying 54-in. flexible joint steel cylinder concrete pipe in Dumbarton strait;	lin. ft.	....	.....	5,600
(21)	Furnishing and laying 54-in. flexible joint steel cylinder concrete pipe in Newark slough;	lin. ft.	....	.....	435
(22)	Structural steel substructure;	lb.	20,000	20,000	20,000
(23)	Furnishing and installing steel pipe, tapers and castings;	lump sum	lump sum	lump sum	lump sum
(24)	Installing gate valves and operating mechanisms furnished by the city;	lump sum	lump sum	lump sum	lump sum
(25)	Furnishing and installing valves, fittings and auxiliary piping for water motors and ejector;	lump sum	lump sum	lump sum	lump sum
(26)	Power plant and electrical installation;	lump sum	lump sum	lump sum	lump sum
(27)	Constructing superstructure;	lump sum	lump sum	lump sum	lump sum
(28)	Furnishing and installing traveling crane and hoist;	lump sum	lump sum	lump sum	lump sum
(29)	Steel floor grating;	sq. ft.	1,600	1,600	1,600
(30)	Furnishing and installing steel stairway and hand rallings;	lump sum	lump sum	lump sum	lump sum

Plans and specifications obtainable at Room 605, San Francisco Water Department Building, 425 Mason St., upon deposit of $20.

Nelson A. Eckart, chief engineer.

CONTRACT AWARDED

COCHISE COUNTY, Arizona—Martin & Co., Box 934, Tucson, Arizona, awarded contract by Arizona State Highway Commission, Phoenix, Ariz., Jan. 31, at $6532.60, for improving the Benson-Douglas Highway AFE 502, NRM 79-I (1935). The work, which is located within the city limits of Bisbee, consists of replacing paved dip with a concrete box and incidental work. The work involves:

(1) 738 sq. yds. grading under pavement;
(2) 225 cu. yds. struct. excavation, (unclass.);
(3) 100 cu. yds. imported borrow (CIP);
(4) 90 cu. yds. Class A concrete (including cement);
(5) 6375 lbs. reinf. steel (bars) (CIP)
(6) 750 sq. yds. removal of old pavement;
(7) 738 sq. yds. 6-in. concr. pavement (CIP);
(8) 2 cu. yds. removal of old concr.;
(9) 1 lump sum raising retaining wall (CIP) (including concrete and dowels);
(10) 1 lump sum resetting 2-in. pipe handrail (CIP);
(11) 6750 lbs. struct. steel for catch-basin (CIP).

Total bids were:

(A) Martin & Co., $6532.60.
(B) Borderland Constr. Co., Tucson, Ariz., $6561.45.
(C) Wm. Peper Constr. Co., Phoenix, Ariz., $6756.58.
(D) Lewis Bros. Contractors, Inc., Phoenix, Ariz., $6861.15.

Unit bids were:

	(A)	(B)	(C)	(D)
(1).....	$ .20	$ .35	$ .15	$ .30
(2).....	2.50	2.50	2.50	2.20
(3).....	1.50	1.00	1.50	1.00
(4).....	28.00	22.00	26.00	20.00
(5).....	.08	.07	.065	.05
(6).....	.25	.75	.45	2.50
(7).....	2.50	2.55	3.00	2.00
(8).....	5.00	15.00	10.00	30.00
(9).....	50.00	50.00	100.00	100.00
(10).....	10.00	15.00	35.00	10.00
(11).....	.08	.10	.07	.06

CONTRACT AWARDED

GRAYS HARBOR COUNTY, Wash.—Macri & Steffensen, 6714 First Ave. N. W., Seattle, at $33,973.24 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Washington, for paving with Portland cement concrete and retopping existing pavement with asphaltic concrete on about 0.6 mile of State Road No. 9, Pioneer Ave. from Sylvia to Seveith Sts., in the City of Montesano, U.S.P.W. Project NRM-54-E in Grays Harbor County.

Complete bids follow:

Macri & Steffensen, Seattle.....	$33,973
Goetz & Brennan, Seattle.....	34,623
H. P. Dorsey Co., Bellingham..	37,874
L. Coluccio & Co., Seattle.....	38,709
Erickson Paving Co., Seattle....	40,503
J. B. Covello, Seattle.....	41,108

NOTICE TO BIDDERS

IMPERIAL COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Imperial County, between E. Highline Canal and Sand Hills, road XI-Imp-27-A, for which bids are to be received in Los Angeles on February 28.

Said representative will meet prospective bidders at the Barbara Worth Hotel in El Centro on Thursday Feb. 14 and Thursday Feb. 21, at 9:00 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above dates.

BIDS WANTED

LOS ANGELES CO., Calif.—Until March 14, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete tunnel arch at Ocean Ave. and Colorado Ave., and about 0.2 mile of grading and paving with Portland cement concrete and asphalt concrete, in Los Angeles County

The work involves:

(1) 8 stations clearin gand grubbing;
(2) 38,000 c.y. excavation, unclass.;
(3) 1,200 c.y. concrete to be removed and disposed of;
(4) 14,160 l.f. reinf. concrete piles,
(5) 15,000 c.y. backfill;
(6) 7,400 sq. yds. subgrade for pavement;
(7) 6,600 c.y. Class A Portland cement concrete (structures);
(8) 870 c.y. do (pavement);
(9) 200 c.y. do (curbs, gutters and sidewalks);
(10) 880 tons asphalt concrete (base levelling and Type A surface courses);
(11) 25 tons asphalt concrete (Type B surface course);
(12) 5 tons fuel oil (subgrade treatment);
(13) 8 tons Grade E asphalt;
(14) 300 sq. yds. asph. paint binder;
(15) 835,000 lbs. bar reinf. steel;
(16) 900 each paveme. t dowels;
(17) 2,500 lbs. misc. iron and steel;
(18) 1,400 lbs. copper strips;
(19) 260 l.f. 4-in. cast iron pipe;
(20) 4 l.f. 12-in. reinf. concrete pipe;
(21) 144 l.f. 18-in. do;
(22) 170 l.f. 8-in. perf. metal pipe underains;
(23) 26 l.f. 8-in. CMP;
(24) 44 l.f. 12-in. CMP;
(25) 570 sq. yds. tile work;
(26) 1 lot ornamental iron railing;
(27) 700 M. gals. water;
(28) 1 lot lighting equipment;
(29) 12 stations finishing rdwy.;
(30) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

YUBA COUNTY, Cal.—Until March 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for widening seven reinforced concrete bridges between Wheatland and Marysville in Yuba County.

The work involves:

(1) 2,500 c.y. structure excavation;
(2) 2,150 c.y. imported borrow;
(3) 75 c.y. existing surfacing to be removed and disposed of;
(4) 414 c.y. existing concrete to be removed and disposed of;
(5) 225 c.y. Class A Portland cement concrete (footing blocks);
(6) 1,210 c.y. Class A do (struc.);
(7) 165 c.y. do (slope paving);
(8) 238,000 lbs. bar reinf. steel;
(9) 175 tons crushed gravel or stone;
(10) 10 tons cut back asphalt;
(11) 1,674 l.f. temporary railing;
(12) 1,674 l.f. timber railing;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

PLANNED.

SANTA ROSA, Sonoma Co., Cal.—Paving of six and one-half miles of streets in Santa Rosa is planned as an SERA project. Petitions are being circulated among property owners seeking their agreement to pay for materials. City Engineer A. P. Noyes has prepared specifications for a 4-inch rock base and 2-inch Basite surfacing.

BIDS WANTED

LOS ANGELES CO., Calif.—Until March 7, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 0.7 mile grading and paving with Portland cement concrete and asphalt concrete in the cities of Long Beach and Signal Hill between Stanley Avenue and Lomo Avenue.

The work involves:

(1) 38 stations clearing and grubbing right of way;
(2) 16,000 c.y. rdwy. excav., unclass.;
(3) 850 c.y. structure excavation;
(4) 18,000 sq. yds. subgrade for pave
(5) 13,000 sq. yds. asph. paint binder
(6) 7,960 tons asphalt concrete;
(7) 800 c.y. Class A Portland Cement concrete (curbs, gutters, sidewalks, and driveways);
(8) 75 c.y. do (structures);
(9) 920 c.y. do (pavement);
(10) 6,000 lbs. bar reinf. steel (pavement and structures);
(11) 1,300 each pavement dowels;
(12) 9,200 lbs. misc. iron and steel structures;
(13) 650 l.f. 18-in. CMP;
(14) 130 l.f. 24-in. CMP;
(15) 1,330 c.y. removing and disposing of concrete;
(16) 300 tons mineral aggregate (bituminous treated surfacing);
(17) 16 tons cut back asphalt (do);
(18) 5 tons fuel oil;
(19) 8 tons Grade E asphalt;
(20) 300 M. gals. water;
(21) 900 l.f. curb armor;
(22) 15 each adjusting manholes to grade;
(23) 38 stations finishing rdwy..

Plans and specifications obtainable from the State Highway Commission, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

TULARE CO., Cal.—Until March 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of crusher run base borders and bituminous treated surfacing applied, on about 6.1 miles in Tulare County between one mile and seven miles east of Tulare.

The work involves:

(1) 1,500 c.y. rdwy. excav., unclass.;
(2) 1,500 c.y. crusher run base (borders);
(3) 18 tons fuel oil, SC-1A;
(4) 225 tons emulsified asphaltic road oil (bituminous surf. treatment)
(5) 2,350 tons screenings (do);
(6) 30 tons emulsified asphaltic road oil (seal coat).

Plans and specifications obtainable from the State Highway Commission, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

COMPLETE BID LISTING.

YUBA COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $5,063, as previously reported, submitted low bid to the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, Marysville, for 0.2 mile of surfacing with crusher run base and bituminous treated crushed gravel or stone in Yuba County between Buchanan St., Marysville, and a point about 0.04 mile north of the northerly city limits.

The work involves:

(1) 135 c.y. roadway excavation;
(2) 2,350 c.y. imported borrow;
(3) 40 c.y. structure excavation;
(4) 495 tons crusher run base,
(5) 370 tons crushed gravel or stone;
(6) 19 tons cut-back asphalt;
(7) 800 c.y. emulsified asphalt paint binder;
(8) 2 tons fuel oil;
(9) 4 c.y. Class A Portland cement concrete,
(10) 125 lbs. bar reinf. steel.
(11) 20 l.f. 12-in. CMP.
(12) 24 l.f. 36-in. CMP.
(13) 55 M. gals. water.
(14) 10 sta. finishing roadway.

Total bids follow:

(A) Hemstreet & Bell, Marysville, $5,063.00.
(B) A. Teichert & Son, Inc., Sacramento, $5,717.50.

Unit prices follow:

	(A)	(B)
(1)	$ .60	$ .60
(2)	.50	.60
(3)	2.00	2.00
(4)	2.90	3.00
(5)	4.00	5.00
(6)	15.00	15.00
(7)	.05	.05
(8)	20.00	20.00
(9)	30.00	30.00
(10)	.08	.08
(11)	2.00	2.00
(12)	6.00	6.00
(13)	1.50	1.50
(14)	5.00	5.00

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on February 27 and in Los Angeles on February 28, 1935:

III-Gle-7-B,C bet. 3 miles North of Willows and Orland. Bids to be received in Sacramento. (PLANS) No. of sheets, 7; cost, $0.70; (CROSS-SECTIONS), No. of sheets, 9; cost, $0.90; total, $1.60.

VII-L.A-60-A, bet. Winter Canyon and Las Flores Canyon. Bids to be received in Los Angeles : (PLANS), No. of sheets, 17; cost $1.70; (CROSS-SECTIONS) No. of sheets, 65; cost, $6.50; Total, $8.20.

VIII-S.Bd-26-D., bet. Riverside Ave. and Colton. Bids to be received in Los Angeles: (PLANS) No. of sheets, 10; cost, $1.00; (CROSS-SECTIONS), No. of sheets, 40; cost, $4.00; total, $5

IX-Iny-23-F, bet. ¾ mile South of Nthly. Bdy. and Nthly Bdy. Bids to be received in Sacramento: (PLANS) No. of sheets, 6; cost, $0.60; (CROSS-SECTIONS) No. of sheets, 24; cost, $2.40; Total $3.00.

XI-Imp-27-A, between E Highline Canal and Sand Hills. Bids to be received in Los Angeles: (PLANS), none; (CROSS-SECTIONS) , none.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

CONTRACT AWARDED

HUMBOLDT COUNTY, Calif.—Pacific States Const. Co., 708 Call Bldg., San Francisco, at $35,437.85 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing crushed gravel base course on Sections A and B of Route 51, the Hoopa National Forest Highway, Trinity National Forest, Humboldt County.

CONTRACT AWARDED

MADERA COUNTY, Calif.—Militry Bros Const. Co., 5581 Downey Road, Los Angeles, at $123,144.80 (second low bidder) awarded contract by the State Highway Commission, Sacramento, for 3.7 miles of grading in Madera County between Coarse Gold and Hawkins School.

BIDS WANTED.

COCONINO COUNTY, Ariz.—Until March 7, 10 A. M., bids wil be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for placing a bituminous treated crushed rock surfacing on 14.437 miles of Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino Co., Ariz.

The work involves:

(1) 11,000 tons subgrade reinforcement
(2) 4,000 tons crushed material for shoulders;
(3) 200 tons supplemental crushed material for shoulders;
(4) 23,500 tons bituminous treated crushed rock;
(5) 1,200 tons supplemental crushed rock;
(6) 300 tons applying Government furnished asphaltic material price coat;
(7) 80 tons applying Government furnished asphaltic material seal coat;
(8) 1,500 M. gallons watering.

Plans and specifications obtainable from the Bureau of Public Roads at 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market Street, San Francisco, upon deposit of $10.00.

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, was awarded the contract by the Arizona State Highway Commission, Phoenix, January 31 at $8112.40 for improving the Tempe-Mesa Highway (Tempe streets) NRM 8-A (1935) Schedule 1 (APE 535). The work, which lies in Tempe and extends from 2rd St. southerly on Mill Ave. to First St., consists of the widening and resurfacing of the existing pavement with cutback asphalt and incidental work.

The work involves:

(1) 748 c.y. rdwy. excav. (unclass.) including haul;
(2) 1331 l.f. combined curb and gutter (type A or F) CIP;
(3) 375 c.y. select material (CIP);
(4) 25 M. gals. sprinkling (CIP);
(5) 25 hours rolling;
(6) 600 sq. ft. removing old timber railroad crossing;
(7) 687 c.y. 3-in. plant mix (CIP, except cutback asphalt);
(8) 2401 sq. yds. 2-in. plant mix. base course (including sidewalk) CIP;
(9) 4799 sq. yds. 1-inch special plant mix (surface course) CIP;
(10) 2972 sq. yds. leveling course (special plant mix) CIP;
(11) 14 tons ctuback asphalt (MC-4, for 2-in. and 3-in. plant mix) CIP in mixer);
(12) 13 tons cutback asphalt (MC-5 for 1-in. special plant mix and leveling course) CIP in mixer;
(13) 11 tons emulsified asphalt (Class A for seal cnat) CIP on road;
(14) 37 c.y. screenings (CIP on road)
(16) 1331 l.f. formation and finishing shoulders.

The total bids were:

(A) Phoenix-Tempe Stone Co., $8,112.40.
(B) R. C. Tanner and W. E. Hall Co., Phoenix, $9428.53.

The unit bids were:

	(A)	(B)
(1)	$ .70	$ .90
(2)	1.15	1.35
(3)	1.20	.85
(4)	4.00	2.50
(5)	4.00	3.50
(6)	.15	.15
(7)	.45	.75
(8)	.40	.55
(9)	.30	.37
(10)	.30	.35
(11)	25.00	37.00
(12)	25.00	37.00
(13)	45.00	42.00
(14)	4.00	4.00
(15)	.30	.10

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal. — Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $107,081.30 (Alt. A. for asphaltic concr. awarded contract by State Highway Commission, Sacramento, for 3.7 miles grading and paving with asphalt concrete or Portland cement concrete in Los Angeles County, between State Street and Los Angeles Street.

AWARD RECOMMENDED.

AMADOR, Calaveras, Stanislaus & Tuolumne Counties, Cal.—Sheldon Oil Co., Suisun, at $2.29 per barrel, total $2,851.05 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying Diesel oil to roadside vegetation over a distance of about 189.9 roadside miles in Amador, Calaveras, Stanislaus and Tuolumne Counties. The work requires 1,245 bbls. of Diesel oil in place.

Complete bids follow:

Sheldon Oil Co., Suisun (per bbl.) $2.29; (Total) $2,851.05.

Hayward Bldg. Material Co., Hayward, $2.38; $2,963.00.

Tiffany Const. Co., San Jose, $2.44; $3,037.80.

Lambs Transfer Co., Long Beach, $2.59; $3,224.55.

J. P. Breen, Sacramento, $2.64; $3,286.80.

Lee J. Immel, Berkeley, $2.67; $3,324.15.

BIDS OPENED

MERCED, MARIPOSA AND STANISLAUS COUNTIES, Cal. — Identical low bids at $2.40 per bbl., total $2,517.60 were submitted by the Tiffany Constr. Co., 535 N. 7th St., San Jose, and the Hayward Bldg. Material Co., Atherton and Jackson Sts., Hayward, to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for applying Diesel oil to roadside vegetation over a distance of about 147.6 roadside miles in Merced, Mariposa, and Stanislaus Counties. Complete bids follow. (1) per bbl; (2) total:

Tiffany Constr. Co., San Jose, (1) $2.40; (2) $2517.60.

Hayward Bldg. Material Co., Hayward, (1) $2.40; (2) $2517.60.

Lambs Transfer Co., Long Beach, (1) $2.44; (2) $2559.56.

Sheldon Oil Co., Suisun, (1) $2.52; (2) $2643.48.

Lee J. Immel, Berkeley, (1) $2.63; (2) $2758.87.

MONTEREY COUNTY — BRIDGE — (STATE)

MONTEREY COUNTY, Cal.—Thos. J. Doyle, 1527 17th Ave., and Theodore Johanns, 2020 15th St., San Francisco, bidding jointly at $23,737 submitted low bid to the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across Malpaso Creek, 9 miles south of Monterey, consisting of one 117-foot open spandrel arch span and six 13-ft. 10-in. approoach spans.

The work involves:

(1) 1 only existing bridge to be shifted;
(2) 350 c.y. stripping;
(3) 450 c.y. structurc excavation;
(4) 450 c.y. rdwy. excavation, unclass.
(5) 75 bbls. fuel oil;
(6) 1,050 sq. yds. preparing, mixing, and shaping roadbed;
(7) 11 tons screenings;
(8) 7 bbls. emulsified asph. road oil;
(9) 535 c.y. Class A Portland cement concrete (structures);
(10) 110 c.y. do (arch ribs and struts)
(11) 13 c.y. do (railing);
(12) 120,000 lbs. bar reinf. steel;
(13) 196 lbs. bronze expansion plates;
(14) 1 only existing bridge to be removed and d'sposed of;
(15) 1 lot misc. items of work.

Total bids follow:

(A) Thomas J. Doyle and Theodore Johanns, San Francisco, $23,737.
(B) A. H. Siemer, San Anselmo and John Carcano, San Rafael, $24,549.25.
(C) C. W. Caletti & Co., San Rafael, $26,908.75.
(D) B. A. Howkins & Co., San Francisco, $27,835.00.
(E) L. C. Seidel, Oakland, $28,414.00.
(F) M. B. McGowan, Inc., San Francisco, $28,646.10.
(G) Bodenhamer Const. Co., Cakland $29,936.00.
(H) Harry J. Oser, San Francisco, $31,363.50.
(I) Lynch-Cannon Engr. Co., Los Angeles, $32,472.50.
(J) F. C. Amoroso & Sons, San Francisco, $32,874.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$1500.00	$1000.00	$ 700.00	$1685.00	$ 600.00	$1000.00	$ 900.00	$1735 00	$3000.00	$2600.00
(2)	3.00	1.25	1.50	1.50	1.50	1.40	1.25	2.50	1.00	2.00
(3)	3.00	1.25	1.50	2.50	2.50	2.00	2.25	4.00	2.50	3.00
(4)	1.00	1.00	.75	.75	.70	1.00	1.00	.60	.75	1.50
(5)	3.00	3.00	3.00	3.50	5.00	5.00	4.00	3.50	3.50	2.50
(6)	35	.10	.20	.15	.30	.125	.10	.18	.50	.30
(7)	4.00	3.00	4.00	5.00	6.00	4.75	4.00	4.00	4.50	5.00
(8)	5.00	6.00	5.00	10.00	10.00	10.00	12.00	10.00	12.50	12.00
(9)	18.50	21.75	26.25	24.00	25.00	25.00	28.00	26.00	24.50	24.00
(10)	25.00	28.50	26.25	28.00	40.00	35.00	31.00	43.00	50.00	31.00
(11)	45.00	50.00	40.00	50.00	50.00	60.00	55.00	60.00	60.00	60.00
(12)	.04	.0425	.0425	.0475	.045	.048	.05	.45	.05	.05
(13)	.30	.50	.50	.50	.50	.35	.50	.50	.50	.40
(14)	250.00	600.00	1063.00	750.00	300.00	844.00	600.00	600.00	500.00	2000.00
(15)	374.20	475.00	450.00	500.00	800.00	500.00	800.00	600.00	750.00	1800.00

BURLINGAME — SEWER SYSTEM — (CITY)

BURLINGAME, San Mateo Co., Cal. —Following is a complete tabulation of the bids received by the Burlingame City Council, February 11, for the construction of a sewage treatment plant and sewer system.

The work involves:

(a) 40 l.f. 4-in. vitrified clay pipe sewer
(b) 60 l.f. 6-in. do;
(c) 2520 l.f. 8-in. do;
(d) 1934 l.f. 12-in. do,
(e) 690 l.f. 15-in do;
(f) 24 l.f. 21-in. do;
(g) 997 l.f. 24-in. do;
(h) 4105 l.f. 27-in. do;
(i) 44 l.f. 36-in. do;
(j) 38 8x4-inch wye branches;
(k) 288 c.y. Class C concrete mat only for $8 per c.y.;
(l) 7 standard shallow brick manholes not exceeding 6-ft. in depth;
(m) 2 shallow standard brick manholes not exceeding 6-ft. in depth, equipped with pressure manhole covers;
(n) 4 standard brick manholes exceeding 6-ft. in depth and not more than 8-ft. in depth;
(o) 6 standard brick manholes exceeding 8-ft .in depth and not more than 10-ft. in depth;
(p) 14 standard brick manholes exceeding 10-ft. in depth and not more than 12½-ft. in depth;
(q) 2 special brick manholes 5-ft. in diameter;
(r) 1 special screen manhole, complete
(s) 1 special drop manhole, complete;
(t) 1 relift station, complete, lump sum;
(u) 1 sewage pumping plant, do;
(v) 1 20-in. cast iron force main, do;
(w) 1 sewage treatment works, do;
(x) (1) 28,000 c.y. fill material in place
(2) 2000 c.y. loose rock riprap in place;
(y) 1 digester gas and heating equipment, lump sum;
(z) 1 chlorination equip., lump sum;
(aa) 1 gas holder, lump sum;
(bb) 1 gas engine-generator unit, do;
(cc) (1) Class A extra foundation concrete;
(2) Class B do;
(3) Class C do.

Bids were taken as follows:

PROPOSAL SCHEDULE NO. 1: The complete "Municipal Sewage Disposal Project; Items (a) to (cc), inclusive.

PROPOSAL SCHEDULE NO. 2: The pipe sewers and sewage relift station only; Items (a) to (t) inclusive, and (cc).

PROPOSAL SCHEDULE NO. 3: Fill from imported borrow for roadway and general fill; loose rock riprap for slope protection; Item (x) only.

PROPOSAL SCHEDULE NO. 4: The Sewage Disposal Works, including all the items not listed under Schedules No. 2 and 3, above; Items (u) (v) (w) (y) (z) (aa) (bb) and (cc).

PROPOSAL SCHED. NO. 5: Sewage Disposal Works complete and fill from imported borrow for roadway and general fill; loose rock riprap for slope protection; Items (u) to (cc), inclusive.

A combination bid of H. E. Conner, 1222 Whipple Ave., Redwood City, on Schedule 2, at $38,941; C. W. Caletti & Co., P. O. Box 243, San Rafael, on Schedule 3, at $14,200, and Fredrickson & Watson Constr. Co., 873 81st Ave., Oakland, on Schedule 4 at $83,-250, a total of $136,391 apparently was the low proposal received by the Burlingame City Council (as previously reported)

Total bids follow

SCHEDULE NO. 1

(A) Fredrickson & Watson Const. Co 873 81st Ave., Oakland, $138,355.70
(B) Robt B. McNair, and H. Gould, Oakland, $138,704.50.
(C) MacDonald & Kahn Co., Ltd., San Francisco, $145,487.15.
(D) Jones Gas Process Corp., San Francisco, $152,422.00.

SCHEDULE NO. 2

(E) H. E. Conner, 1222 Whipple Ave., Redwood City, $38,941.07.
(F) W. J. Tobin, Oakland, $43,954.64
(G) Bay Shore Const. Co., San Francisco, $49,086.55.

SCHEDULE NO. 3

(H) C. W. Caletti & Co., P. O. Box 243, San Rafael, $14,200.00.
(I) H. E. Casey, Redwood City, $14,-830.00.
(J) Bay Shore Const. Co., San Francisco, $27,880.00.

SCHEDULE NO. 4

(K) Fredrickson & Watson Const. Co. 873 81st Ave., Oakland, $83,250.
(L) MacDonald & Kahn Co., Ltd., San Francisco, $91,677.00.

SCHEDULE NO. 5

No bids received.

NOTE: Items (y) to (bb), inclusive, are optional and any or all may be omitted from the award with a deduction equal to the bid price, due to lack of sufficient funds.

The chlorination equipment and gas engine - generator unit probably will not be purchased at this time.

Bids were referred to City Engineer Charles M. Thomas for recommendation at the council meeting February 18, 8 P. M.

	—SCHEDULE NO. 1—				—SCHEDULE NO. 2—				SCHED. NO. 3			SCHED. NO. 4	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)		(H)	(I)	(J)	(K)	(L)
(a)	$ .50	$ 1.00	$ .57	$ .60	$ .50	$ .50	$ 1.00		$	$	$		$
(b)	.60	1.00	.57	.80	.50	.60	1.00						
(c)	1.00	1.00	1.00	1.00	.74	1.00	1.10						
(d)	1.50	1.75	2.17	1.50	1.29	2.39	1.50						
(e)	2.00	1.85	1.94	2.20	1.73	2.39	2.10						
(f)	2.75	3.50	3.42	3.30	2.64	3.50	4.00						
(g)	3.60	4.25	3.42	4.70	3.76	4.24	4.20						
(h)	5.00	5.55	4.67	6.40	5.15	6.00	6.85						
(i)	10.00	8.50	9.12	9.60	7.52	9.51	10.50						
(j)	1.75	1.75	1.14	1.60	1.50	.75	2.00						
(k)	8.00	8.00	8.00	8.00	8.00	8.00	8.00						
(l)	72.00	80.00	85.00	78.00	65.00	50.00	80.00						
(m)	72.00	90.00	97.00	83.00	72.00	60.00	90.00						
(n)	95.00	80.00	92.00	89.00	72.00	70.00	100.00						
(o)	110.00	90.00	103.00	94.00	100.00	85.00	120.00						
(p)	120.00	100.00	142.00	120.00	114.00	110.00	140.00						
(q)	120.00	150.00	114.00	83.00	150.00	100.00	150.00						
(r)	180.00	285.00	228.00	189.00	150.00	125.00	200.00						
(s)	120.00	200.00	228.00	120.00	160.00	150.00	200.00						
(t)	1,850.00	2,100.00	2,050.00	1,700.00	2,000.00	2,000.00	2,100.00						
(u)	11,500.00	11,000.00	11,380.00	10,800.00								11,500.00	11,380.00
(v)	12,500.00	11,000.00	15,259.00	12,500.00								12,500.00	15,259.00
(w)	48,000.00	48,700.00	50,730.00	39,000.00								48,000.00	54,900.00
(x-1)	.50	.43	.57	.97					.45	.485	.755		
(x-2)	.75	1.40	1.00	2.90					.80	.625	3.37		
(y)	2,500.00	2,100.00	2,425.00	1,590.00								2,500.00	2,425.00
(z)	2,000.00	1,750.00	1,725.00	1,940.00								2,000.00	1,725.00
(aa)	3,750.00	3,550.00	3,000.00	3,610.00								3,750.00	3,000.00
(bb)	3,000.00	2,750.00	2,988.00	3,700.00								3,000.00	2,988.00
(cc-1)	22.00	19.00	14.00	20.00	18.00	20.00	20.00					22.00	14.00
(cc-2)	21.00	18.00	13.50	19.00	17.00	18.00	18.00					21.00	13.50
(cc-3)	14.00	16.50	13.00	18.00	15.00	16.00	15.00					14.00	13.00

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Tilton Bldg., Prescott, Ariz., were awarded the contract by the Arizona State Highway Commission, Phoenix, Jan. 31, at $39,-975.56, for improving the Prescott-Flagstaff Highway, NRH 96-B (1935). The work, which extends from Cottonwood southeasterly about 3 miles to the Verde river, consists of the grading and draining and placing of aggregate base course. The work involves:

(1) 18,487 c.y. roadway excav., (unclassified);
(2) 677 c.y. drainage do;
(3) 776 c.y. structure do;
(4) 4562 sta. yds. earthwork overhaul;
(5) 331 c.y. mile earthwork haul;
(6) 1000 c.y. stripping pits;
(7) 6200 c.y. imported borrow;
(8) 2142 c.y. mi. imported borrow, haul;
(9) 100 c.y. mi. haul of do;
(10) 100 c.y. mi. haul of do;
(11) 12,364 c.y. aggregate base course (CIP);
(12) 241 c.y. Class A concrete (including cement);
(13) 19,278 lbs. reinf. steel bars (CIP)
(14) 86 l.f. 18-in. CMP (CIP, including bands);
(15) 120 l.f. 18-in. do;
(16) 28 l.f. 30-in. do;
(17) 262 l.f. 36-in. do;
(18) 16 l.f. 42-in. do;
(19) 48 l.f. resetting 18-in. CMP (CIP including materials);
(20) 140 l.f. cable road guard (CIP);
(21) 4975 l.f. standard line fence (CIP)
(22) 3 each standard line fence gates (CIP);
(23) 70 l.f. rail bank protection (type A) CIP;
(24) 10 c.y. removal of old concrete;
(25) 86 c.y. Class A concrete for concrete lined ditch;
26) 804 sq. yd. 6-6, 10-10 electric welded wire mesh (CIP);

(27) 36 each guide posts (CIP);
(28) 43 each right of way markers (CIP);
(29) 645 l.f. resetting 4-in. water main (CIP);
(30) 290 l.f. resetting 1¼-in. do;
(31) 100 hours rolling;
(32) 118 M. gals. sprinkling (CIP);

Structures Over 20-ft. Clear Span

(33) 2400 c.y. drainage excav., (unclassified);
(34) 521 c.y. structure do;
(35) 521 c.y. Class A concrete (including cement);
(36) 39,460 lbs. reinf. steel bars (CIP)
(37) 885 sq. yds. 6-6, 8-8 electric welded wire mesh (CIP);
(38) 1 lump sum removal of concrete box walk and apron at Sta. 165;

Alternate (In Lieu of Item 20)

(20a) 140 l.f. steel plate road guard (CIP).

The total bids were:

(A) Pearson & Dickerson, $39,975.56; alternate same.
(B) K. Dewitt, Mesa, Ariz., $42,364.77; alternate same.
(C) R. C. Tanner and W. E. Hall Co., Phoenix, $43,247.18; alt. same.
(D) Hodgman & MacVicar, Pasadena, $46,688.60; alternate same.
(E) Lee Moor Contr. Co., El Paso, $47,196.10; alternate same.
(F) Dell E. Webb Const. Co., Phoenix $48,147.18; alternate same.
(G) All-Arizona Engr. & Const. Co., Clifton, Ariz., $49,132.78; alternate $49,167.78.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .195	$ .27	$ .32	$ .25	$ .35	$ .35	$ .35
(2)	.245	.24	.25	.25	.35	.30	.30
(3)	.92	.90	1.00	.95	.75	1.50	1.00
(4)	.025	.03	.04	.03	.025	.05	.04
(5)	.37	.20	.25	.30	.20	.50	.40
(6)	.37	.20	.25	.25	.24	.30	.20
(7)	.18	.24	.16	.15	.24	.20	.30
(8)	.185	.25	.35	.30	.19	.45	.30
(9)	.60	.1.50	2.00	1.00	1.25	1.00	1.00
(10)	.92	.30	.25	.20	.50	.20	.50
(11)	.47	.70	.70	.90	.66	.60	.75
(12)	17.75	17.00	18.00	19.00	21.00	20.00	19.50
(13)	.05	.0475	.05	.05	.05	.06	.05
(14)	1.65	1.80	1.70	2.00	2.10	2.00	2.25
(15)	2.55	2.70	2.50	3.00	3.00	3.00	3.30
(16)	3.25	3.50	3.15	4.00	3.75	4.00	4.00
(17)	5.00	5.45	4.50	5.50	6.00	5.00	6.00
(18)	6.00	7.00	5.75	6.50	6.50	7.00	8.50
(19)	1.25	1.00	1.00	1.00	.75	1.00	1.00
(20)	1.05	1.00	1.00	1.25	1.25	1.00	1.00
(21)	.055	.06	.07	.07	.08	.10	.10
(22)	6.00	5.00	16.00	20.00	15.00	15.00	18.00
(23)	5.00	2.90	2.25	3.30	2.50	3.00	3.00
(24)	3.50	5.00	8.00	4.00	5.00	10.00	5.00
(25)	20.00	21.00	19.00	24.00	21.00	22.00	27.00
(26)	.216	.26	.20	.21	.20	.20	.25
(27)	1.85	2.50	1.50	1.50	1.50	3.00	2.00
(28)	2.50	2.50	2.00	2.00	3.00	3.00	2.00
(29)	.55	.30	.30	.65	.60	1.00	.45
(30)	.33	.30	.25	.55	.40	1.00	.20
(31)	2.50	3.00	3.50	2.50	5.00	4.50	7.00
(32)	1.85	2.50	2.00	2.00	2.50	3.00	3.00
(33)	2.45	.24	.25	.25	.35	.30	.30
(34)	.92	.90	1.00	1.25	1.25	1.50	1.00
(35)	17.75	17.00	18.00	19.00	21.00	20.00	19.50
(36)	.05	.0475	.05	.05	.05	.06	.05
(37)	.26	.31	.20	.21	.25	.20	.30
(38)	430.00	250.00	350.00	225.00	250.00	250.00	400.00
(20a)	1.05	1.00	1.00	1.25	1.25	1.00	1.25

LOS ANGELES — Distribution Transformers — (City)

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Rm. 710, 207 S. Broadway, Feb. 8, for furnishing pole type distribution transformers furnished without oil but including accessories, under Specification No. 1601. The items were:

(1) 30 only 7½ kva. 4600 volts primary, 230/115 volts secondary, pole type transformers;
 (a) f.o.b. cars bidder's shipping point;
 (b) f.o.b. cars or trucks department's warehouse, 1630 North Main St., Los Angeles;
(2) 10 only 37½ kva, 4600 volts prommary, 230/115 volts secondary, pole type transformers;
 (a) f.o.b. cars bidder's shipping point;
 (b) f.o.b. cars or trucks department's ware house, 1630 North Main St., Los Angeles;
(3) 3 only 25 kva, 4600 volts promary, 460/230 volts secondary, pole type transformers;
 (a) f.o.b. bidder's shipping point
 (b) f.o.b. cars or trucks department's warehouse, 1630 North Main St., Los Angeles;
(4) 10 only 37½ kva, 4600 volts promary, 460/230 volts secondary, pole type transformers;
 (a) f.o.b. cars bidder's shipping point;
 (b) f.o.b. cars or trucks department's warehouse, 1630 North Main St., Los Angeles.

The bidders were:

(A) Maloney Electric Co.
(B) Wagner Electric Corp.
(C) Westinghouse Elec. & Mfg. Co.
(D) Pennsylvania Transformer Co.
(E) Standard Transformer Co.
(F) Westinghouse Elec. & Mfg. Co. Alternate bid for type SP.

The bids were:

		(A)	(B)	(C)	(D)	(E)	(F)
(1)	(a)	$ 87.15	$ 90.37	$	$ 83.83	$ 84.86	$.....
	(b)	91.00	93.33	93.59	28.38	87.84	115.36
(2)	(a)	272.00	278.36	.....	258.89	262.61	.....
	(b)	281.00	287.52	826.85	269.88	271.77	308.62
(3)	(a)	203.75	208.27	.....	193.99	196.10	.....
	(b)	210.00	215.11	212.22	202.00	202.94	233.99
(4)	(a)	272.00	278.36	.....	358.89	262.61	.....
	(b)	281.00	287.52	286.84	269.88	271.77	308.62

All bids were net.

CONTRACT AWARDED

APACHE COUNTY, Ariz. — Heuser & Garnett, 816 Allen Ave., Glendale, Calif., were awarded the contract by the Arizona State Highway Commission, Phoenix, January 31 at $33,397.29, for highway construction on NRS 113-A (1935), AFE 6101. The work begins approximately one mile northeast of St. Johns and extends northerly about 5⅔ miles and consists of grading, draining and placing of select material.

The work involves:

(1) 22,029 c.y. rdwy. excav., unclass.;
(2) 11,223 c.y. drainage do;
(3) 414 c.y. structural do;
(4) 16,392 sta. yds. earthwork overhaul;
(5) 2310 cy. mi. earthwork haul;
(6) 20,307 cy. mi. imported borrow;
(7) 14,734 cy. mi. do haul;
(8) 20,301 c.y. select material;
(9) 25,112 cy. mi. do haul;
(10) 82 c.y. Class A concrete (including cement);
(11) 6704 lbs. reinf. steel bars (CIP);
(12) 218 l.f. 18-in. CMP, including bands (CIP);
(13) 418 l.f. 24-in. do;
(14) 72 l.f. 30-in. do;
(15) 180 l.f. 36-in. do;
(16) 7 MBM treated timber (CIP);
(17) 3800 l.f. grader ditches;
(18) 24 each right of way markers, (CIP);
(19) 1080 l.f. standard line fence (CIP)
(20) 206 c.y. rock baskets for fords (CIP);

Structures Over 20-ft. Clear Span

(21) 680 c.y. drainage excav., unclass.;
(22) 255 c.y. structural do;
(23) 10 c.y. Class B concrete (including cement);
(24) 17 MBM treated timber (CIP);
(25) 1 MBM untreated timber (CIP);
(26) 187 l.f. treated piling in timber bents (CIP);
(27) 100 sq. yds. furnish and place oil mix;
(28) 225 gals. road oil (oil mix and seal coat) CIP;
(29) 1 each water barrels (CIP).

The total bids were:

(A) Heuser & Garnett, $33,397.29.
(B) Lee Moor Contr. Co., El Paso, Texas, $33,413.03.
(C) Hodgman & MacVicar, Pasadena, Calif., $35,208.76.
(D) All-Arizona Engr. & Const. Co., Clifton, Ariz., $42,826.93.
(E) Pearson & Dickerson, Prescott, $43,652.24.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .21	$ .25	$ .23	$ .30	$ .437
(2)	.21	.30	.23	.25	.35
(3)	.75	.75	.80	1.00	.70
(4)	.05	.025	.03	.05	.03
(5)	.30	.20	.30	.30	.27
(6)	.18	.15	.18	.23	.23
(7)	.18	.175	.14	.25	.27
(8)	.25	.15	.30	.35	.22
(9)	.15	.175	.12	.20	.16
(10)	24.00	20.00	25.00	25.00	27.00
(11)	.06	.07	.07	.08	.07
(12)	1.70	2.15	2.00	2.25	2.00
(13)	2.60	3.25	3.00	3.30	3.50
(14)	3.20	4.00	4.00	4.00	5.50
(15)	6.00	6.25	5.50	6.00	7.00
(16)	100.00	124.00	125.00	115.00	120.00
(17)	.04	.05	.04	.05	.03
(18)	2.50	3.00	2.00	2.00	3.00
(19)	.075	.08	.08	.10	.07
(20)	3.00	2.50	7.00	5.00	5.00
(21)	.21	.30	.23	.25	.35
(22)	.75	1.00	.80	1.00	.70
(23)	24.00	20.00	25.00	25.00	22.00
(24)	100.00	124.00	125.00	115.00	120.00
(25)	80.00	90.00	100.00	100.00	120.00
(26)	1.25	1.10	1.00	.90	1.00
(27)	.50	1.00	.66	.50	1.00
(28)	.20	.15	.16	.18	.60
(29)	10.00	15.00	8.00	10.00	15.00

BIDS WANTED

VALLEJO, Solano Co., Cal. Until February 28, 10 A. M. (to be opened at 11 A. M.) bids will be received by the Vallejo City Council, City Hall, Vallejo, for the improvement of Napa Road from the northern line of Tennessee Street to the northern boundary of the city, including all intervening crossings. Estimated cost, $21-200.

The work involves:
(1) 1,026 c.y. grading;
(2) 800 c.y. structure excavation;
(3) 25,645 sq. ft. subgrade preparation;
(4) 620 tons crusher run sub-base;
(5) 540 tons asphaltic concrete base, 4-inch;
(6) 600 tons asph. concrete top, 2-in.
(7) 484 c.y. Portland cement concrete
(8) 1,910 l.f. curb bar;
(9) 916 l.f. 15-in. CMP;
(10) 903 l.f. 12-in. CMP;
(11) 11 drainage inlets;
(12) 1 manhole, CIP;
(13) 6,750 lbs. reinforcing steel.

Plans and specifications obtainable from the City Engineer upon deposit of $5.00.

CONTRACT AWARDED

EL CENTRO, Imperial Co., Calif.—O. U. Miracle, 4751 Monroe Street, San Diego, awarded contract by the El Centro city council February 6 at $4,-243.02, for the construction of pavement, curbs, culverts and catchbasins in and for grading a certain portion of Imperial Ave. in accordance with plans and specifications for Project No. 394.

The work involves:
(1) 2521 l.f. curb;
(2) 648 c.y. grading;
(3) 2 catchbasins;
(4) 2 part circle culverts, 80 ft. long;
(5) 147 tons asphaltic emulsion pavement.

The bids were:
O. U. Miracle, (1) $.65 ;(2) $.94; (3) $143.75; (4) $750; (5) $7.50; (Total) $4,-243.02.
Cummings-Butterfield Co., (1) $.60; (2) $.70; (3) $168.32; (4) $934.60; (5) $8.75; (Total) $4355.37.
R. E. Hazard Contr. Co., (1) $.75; (2) $.70; (3) $250; (4) $850; (5) $14; (Total) $5502.35.

BIDS WANTED

COCONINO & Gila Cos., Ariz.—Until March 12, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, Arizona, for placing subgrade reinforcement on Section D of Route 10, the Pine-Winslow National Forest Highway, Coconino and Tonto National Forests, Coconino and Gila Counties, Ariz. The length of the project is approximately 6.585 miles, and involves:
(1) 1,500 c.y. unclassified excavation;
(2) 1,150 c.y. ml. hauling do;
(3) 30,000 tons subgrade reinf.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title and Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

CONTRACT AWARDED

ALAMEDA, CONTRA COSTA, AND Santa Clara Counties, Cal.—Hayward Building Material Co., Atherton and Jackson Sts., Hayward, at $2000 awarded contract by the State Highway Commission, Sacramento, for applying Diesel oil to roadside vegetation over a distance of about 75.5 roadside miles at various locations in Alameda, Contra Costa and Santa Clara Counties.

The work requires approximately 1000 barrels of Diesel oil in place.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal. — Matich Bros., Elsinor, at $139,803.60 awarded contract by the State Highway Commission, Sacramento, for 16.8 miles grading, portions to be paved with cement concrete and portions surfaced with oil treated crushed gravel or stone plant mix, in Riverside County, between one mile east of Beaumont and Whitewater.

CONTRACT AWARDED

SAN JOAQUIN, STANISLAUS, Calaveras, Amador, Tuolumne and Mariposa Counties, Cal.—Sheldon Oil Co., Suisun, at $3257 awarded contract by the State Highway Commission, Sacramento, for applying Diesel oil to roadside vegetation over a distance of about 199.7 roadside miles at various locations in San Joaquin, Stanislaus, Calaveras, Amador, Tuolumne and Mariposa Counties.

CONTRACT AWARDED

SOLANO & SAN JOAQUIN COUNTIES, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $2459.46 awarded contract by the State Highway Commission, Sacramento, for applying diesel oil to roadside vegetation over a dstance of about 129.9 miles at various locations in Solano and San Joaquin Counties. The work requires approx. 1074 bbls. Diesel oil in place.

Complete bids published Jan. 30.

COMPLETE BID LISTING.

SUTTER Co., Cal.—Hemstreet and Bell, 501 11th St., P. O. Box 559, Marysville, at $2,295, as previously reported, submitted low bid to the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, Marysville, for constructing borders on about 0.5 mile in Yuba City between the west city limits and State Highway Route 3.

The work involves:
(1) 45 stations trenching;
(2) 570 tons crusher run base;
(3) 4 tons fuel oil.

Complete bids follow:
Hemstreet & Bell, Marysville: (1) $4; (2) $3.50; (3) $30; total, $2,295.
A. Teichert & Son, Inc., Sacramento: (1) $6; (2) $3.60; (3) $29; total, $2,438.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Youngstown Steel Car Corp., 1580 E. Slauson Ave., Los Angeles, submitted low bid to the Metropolitan Water District, Los Angeles, February 11, at $51,787.50, or $13.81 per rib, f.o.b. Niles, Ohio (discount 1% 10 days), for furnishing 3725 structural I-beam steel ribs, splice plates, and base plates, for support in 16 ft. tunnel, complete with bolts and nuts, in accordance with Specifications No. M-2038. Bid No. 32267. The other bids were:

Commercial Shearing & Stamping Co. — $52,500 ($14 per rib), f. o. b. Youngstown. Discount 1% 10 days.

Consolidated Steel Corp., Ltd. — $72,-637.50 ($19.37 per rib), f.o.b. Los Angeles. Net 30 days, add sales tax.

Pacific Coast Steel Corp.—$78,412.50 ($20.91 per rib), f.o.b. Los Angeles. No discount. Exclusive of Calif. state sales tax.

Truscon Steel Co.—$91,800 ($24.48 per rib), f.o.b. Youngstown. Discount, ½ of 1% 10 days.

CONTRACTS AWARDED

SAN FRANCISCO — U. S. Forest Service, awarded following contracts for furnishing 48 ready-cut frame lookout buildings for various deliveries in the State of California.

Tilden Lumber & Mill Co., 400 High St., Oakland, thirty-six houses at $455 each.

Carlton Lumber Co., Portland, Ore., twelve houses at $457.80 each.

CONTRACT AWARDED

LOS ANGELES, Cal.—J. H. Baxter & Co., awarded contract by H. E. Russell, Los Angeles County Purchasing Agent, at $2716.05 for treated ties. Specification No. 8682. Other bids were:

Consolidated Lumber Co., $2733.81.
Pan Pacific Piling & Construction Co., $2794.16.
Patten-Blinn Lumber Co., $2840.68.
Hammond Lumber Co., $3053.32.
E. K. Wood Lumber Co., $3124.31.

CONTRACT AWARDED

PITTSBURG, Contra Costa Co., Cal. Diamond Building Materials Co., Antioch Road and Harbor, Pittsburg, at $1,433 awarded contract by Pittsburg City Council February 11 for furnishing the following:
(1) 40 tons more or less, crushed rock grade 1½-in. to 3 mesh;
(2) 75 tons do. 1½-in. to 10 mesh;
(3) 250 tons do. 2½-in. to 1½ mesh;
(4) 325 tons do. 1½-in. to 1 mesh;
(5) 150 tons do. ¾-in. to ½ mesh.

Shell Oil Co. at 5½c per. gal. (tank truck at Martinez refinery) awarded contract for furnishing approximately 14,000 gallons of emulsified asphalt. The American Bitumuls Co. submitted the only other bid at 7½c per gal. at Pittsburg.

Reinforcing Steel

Cut, Bent, Delivered and Installed

BUILDING MATERIALS

GUNN, CARLE & CO.

20 Potrero Avenue : San Francisco

Phone UNderhill 5480

GUNN, CARLE & CO. MANUFACTURERS AGENTS BUILDING MATERIALS

Section 436 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3084

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

$8,128,000 For Treasury Building in West

5 percent State Home Loan Fund Proposed

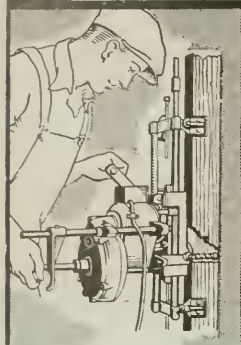
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

UARY 23, 1935

Vol. XVIII—No. 7

WAPPAT Electric TOOLS



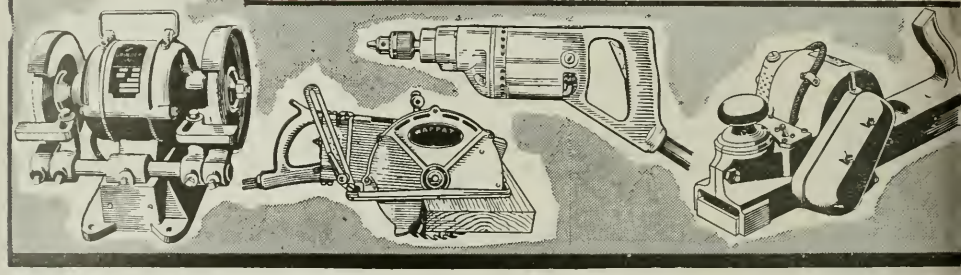
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., FEBRUARY 23, 1935 No. 8

Six Highway Contracts Advertised; Bids To Be Received March 13 and 14

SACRAMENTO, Feb. 19.—Advertising of six construction contracts was authorized today by the State Highway Commission. Four of the jobs are located in Northern California counties and two in southern counties. Bids will be received in Sacramento March 13 and in Los Angeles, March 14.

The projects are: (Complete description, including list of bid items, appears in Advance Report Section.)

San Mateo County: Grading and surfacing with bituminous treated crushed gravel or stone on crusher run base, 7.1 miles between Daly City and Thornton.

Kern County: Grading and placing bituminous treated surfacing, 4.5 miles between one-half mile south and four miles east of Western Water Works pumping station.

Del Norte County: Surfacing with crusher run base and bituminous seal coat applied, 8.7 miles between the foot of Oregon Mountain and Oregon state line.

San Joaquin County: Construct undergrade crossing beneath the tracks of the A. T. & S. F. railway at Fresno avenue near the city of Stockton, consisting of one steel stringer span with timber deck on concrete abutments with wing walls.

Ventura County: Grading and treating road bed with fuel oil, seal coat to be applied, 1.7 miles between Camarillo State Hospital and Lewis road.

San Diego County: Grading and paving with asphalt concrete 0.8 mile between Emerald avenue and the east city limits of El Cajon.

WAGE SCALE CHANGE DELAYS ROAD JOB

Nevada State Highway Directors cancelled a call for bids to have been received February 20 on a contract for construction between Schurz and Fallon, estimated to cost approximately $200,000.

The cancellation followed passage of a bill in the state legislature fixing the prevailing wage for unskilled labor at 62½ cents an hour. The minimum specified in the call for bids was 50 cents.

The project has been referred to the U. S. Bureau of Public Roads at San Francisco for approval of the higher wage scale and authorization to readvertise.

$5,000,000 WORK AT GOVT. ISLE

Washington Reports Say Extensive Building Program Contemplated

The United States Government plans to expend more than $5,000,000 in the near future for construction at Government Island, it is reported in dispatches from Washington. Funds will provide for expansion of Coast Guard and Forest Service quarters already established on the island and to build headquarters for at least two new federal departments.

The expansion plans, now near completion at the National Capital, call for construction of bases for the U. S. Park Service and the U. S. Bureau of Entomology, as well as increased facilities for the Coast Guard and Forest Service.

At the same time, the Coast Guard appropriation, which would construct a bulkhead, 1600-ft. concrete wharf, and widen and deepen the channel on the south side of the island, is expected to be authorized.

Major Phillip Fleming, assistant to PWA Administrator Ickes, has advised Admiral Harry G. Hamlet at Washington to request the low bidder on the bulkhead to keep his bid open until a decision has been made on the dredging proposal.

U. S. Senator Hiram Johnson and Representative A. E. Carter, both of whom are sponsoring the Coast Guard dredging project, are urging the additional appropriation on the grounds that the full value of the bulkhead can not be utilized without the dredging, which would permit ships to dock at the bulkhead.

DINWIDDIE LOW ON AUDITORIUM; BIDS $442,900

Proposals For Fresno Municipal Hall Exceeds Funds Available

FRESNO, Feb. 21.—Dinwiddie Construction Co., Crocker Building, San Francisco, today submitted the low bid to the Fresno City Commission on the general contract for construction of the Municipal Auditorium. Their proposal for the work was $442,900.

The only other bid received on the general contract was that of Fredrickson & Watson of Oakland at $458,900.

Low bid for electrical work was submitted by Wessell Electric Co. of Fresno at $109,960. Other bids on this portion of the work were: Newberry Electric Co., Los Angeles, $110,961, and Roy Butcher, San Jose, $111,720.

For mechanical work Scott Company of San Francisco was low bidder, with a proposal of $88,373. Other bids for mechanical work were: Hately and Hately, Sacramento, $89,5555, and Barrett-Hicks, Fresno, $89,885.

The bids apparently exceeded available funds, although possible deductions contained in alternate proposals may lower the price somewhat. The City Commission took the bids under consideration until Saturday, when they will meet again.

According to plans prepared by the Allied Architects of Fresno, the building will be a one-story, basement, mezzanine floor and balcony auditorium with a seating capacity of 2300 on the main floor and 1200 in the balcony. A 56-foot stage is provided, together with an art gallery, little theater, committee rooms, kitchen and banquet rooms, and a central telephone system.

The building will be 250 by 162 feet in size, of steel frame construction with reinforced concrete walls and floors. Ceiling height in the main auditorium will be 47 ft.

F. W. Kellberg and Clarkson Swain are structural engineers and A. Coddington is mechanical engineer for the building. All are of San Francisco.

33 Treasury Building Projects In Western Program; $8,128,000 Allotted

Appropriations totaling $8,128,305 have been made for thirty-three government building projects in the five far-western states which are now out for bids or for which plans have been prepared or sites selected and surveys ordered, according to the last report on the Treasury Department building program.

Of the thirty-three projects lished twenty-four are located in California, three in Arizona, three in Washington, two in Oregon and one in Nevada.

The projects, which are included in the two Treasury Department building programs, the regular and the emergency program, include post offices, courthouses and the $1-225,000 San Francisco mint building.

A summary of the status of projects on which bids have not yet been received, together with the amounts appropriated for each, follow:

Projects on Market

Inglewood	$ 90,000
Oceanside	55,000
Winslow, Arizona	49,500
Total	$ 194,500

Preparing Specifications

Hollywood	$ 214,500

Preparing Plans

Anaheim	$ 120,000
Alhalmbra	178,415
Ely, Nevada	45,000
Lodi	55,000
Madera	50,600
Marshfield, Oregon	92,400
Montebello	45,100
Phoenix, Ariz., Ct. H.	40,000
Redding	79,200
Salinas	83,600
San Francisco Mint	1,225,000
San Gabriel	57,200
San Pedro	568,840
Santa Cruz	115,750
Santa Monica	130,900
South Pasadena	63,800
Van Nuys	57,200
Ventura	85,800
Whittier	71,500
Flagstaff, Ariz.	137,000
Grants Pass, Ore.	150,000
Hayward	89,000
Pasadena	215,000
San Diego	410,000
Tracy	67,000
Total	$4,233,305

Sites Selected

Bremerton, Wash.	$ 121,000
Los Angeles	2,600,000
Port Angeles, Wash.	115,000
Spokane, Wash.	650,000
Total	$3,486,000
Grand Total	$8,128,305

Since the first of the year blds have been opened on the following:

Sebastopol, Robt. McCarthy, low at $33,930;

Turlock. K. E. Parker Co. low at $39,670;

South Pasadena, bids rejected and plans being revised;

Prosser, Wash. awarded to Standard Const. Co., at $36,498.

McMinnville, Ore., Hoffman Construction Co. low at $41,580;

Hollister, K. E. Parker Co. low at $35,400;

Bell, L. F. Dow Co. low at $35,000

Woodland, Geo. Petersen lw at $39,800;

San Mateo, Frank J. Reilly low at $50,981;

Kingman, Ariz., Robt. E. McKee low at $41,700;

Roseville, K. E. Parker Co. low at $36,987;

Compton, Robt. E. McKee low at $54,100;

San Rafael, Wm. Spivock low at $35,500;

Baker, Oregon, Wm. MacDonald Co. low at $43,800;

Mt. Vernon, Wash., Henrickson-Alstrom Co. low at $44,530;

Puyallup, Wash., Henrickson-Alstrom Co. low at $43,690;

North Hollywood, Robert E. McKee low at $44,700;

Phoenix, Ariz., Great Lakes Construction Co. low at $428,820;

Kelso, Wash., Consolidated Engr. Co. low at $50,980.

COMMISSION LETS FOUR CONTRACTS

SACRAMENTO, February 20.—Four contracts totalling approximately $175,000 were awarded by the State Highway Commission. The largest is that to J. E. Haddock, Ltd., Pasadena, at $123,729 for grading and paving with portland cement concrete 1.1 miles in Laguna Beach, Orange county. J. L. McClain, Los Angeles, at $48,389 received an award for grading and paving eight-tenths mile in Los Angeles county.

Two district contracts for applying diesel oil to roadside vegetation were awarded to Tiffany Construction Co., San Jose, at $2,517 for a distance of 147 miles and to Sheldon Oil Co., Suisun, at $2,851 for a distance of 190 miles.

LUMBER SURVEY SHOWS INCREASE IN BUILDING

First Quarter Will Continue Residential Gain Is Prediction

New residential construction, including recorded modernization and repair projects, measured in floor space, during the fourth quarter of 1934 was 12 percent above that of the third quarter, but 15 percent below floor space recorded in the last quarter of 1933, according to estimates of the Lumber Survey Committee of the Timber Conservation Board.

Comparison of the 1934 totals for all types of building with those of other years is provided by the committee as follows:

RESIDENTIAL

	Fl. Space	Valuation
1934 % of 1933	88%	99.8%
1934 % of 1932	87%	89.0%
1934 % of 1931	34%	31.0%
1934 % of 1928	11%	9.0%

ALL CONSTRUCTION

	Fl. Space	Valuation
1934 % of 1933	104%	123.0%
1934 % of 1932	98%	114.0%
1934 % of 1931	42%	50.0%
1934 % of 1928	16%	23.0%

In 1934 publicly-owned construction represented 63 percent of the total; in 1933 it was 54 percent of the total and in 1931, was 57 per cent.

In 1934 of the total valuation of 1½ billion dollars of total construction contracts, 49 percent was for public works and utilities, in 1933 of total valuation of 1¼ billion, public works and utilities contracts were 48 percent.

During the first quarter of 1935 the board estimates that residential building contracts will exceed those of similar period of 1934 by 12 to 20 percent in value and that the proportionate distribution of new building to alterations and repairs will be 80 percent to 20 per cent as during the last quarter of 1934.

"Although residential rents have improved somewhat, they are scarcely yet high enough to encourage much speculative building at present," states the report. "It will not be surprising if contract totals during the first quarter of 1935 fail to show increase over the first quarter of 1934 due to the tapering off of the old public works program and the necessary lag in getting the new one under way."

ZELINSKY SAILS FOR CANAL ZONE

Mr. and Mrs. M. G. Zelinsky are on board the Panama-Pacific liner "California," which sailed from San Francisco February 16, enroute to the Panama Canal Zone.

Mr. Zelinsky is secretary-treasurer of D. Zelinsky & Sons, Inc., painters and decorators, and is making this voyage a combined business and pleasure trip.

Employment Figures Requested By Code Authority From Contractors

Accompanied by a letter of explanation from the Construction Code Authority, the first statistical questionnaire requesting employment and payroll figures is being mailed to the hundred and fifty thousand registered employers of the construction industry.

The form of the questionnaire has been kept very simple so that the contractors will not be unduly burdened in supplying this highly important information. It asks for the number of employees who have worked any part of a one week's period ended nearest to January 15 and the total amount of payroll and the total number of man-hours for the four-week period ended Jan. 26. These three items are to be given separately for: (1) journeymen and mechanics; (2) helpers and apprentices; (3) common labor; and (4) office workers. In addition, the contractor is asked to give the dollar value of contracts received during the calendar month of January, the dollar value of work performed during January with his own forces, and the dollar value of incompleted work as of January 31. The purpose of these figures is to indicate the proportion of all construction work reported upon through the questionnaires, and by reference to authoritative records of work awarded, to supply the factor by which the summation of replies may be computed to a total report on employment in the construction industry during January. These dollar value figures are to be listed on the four major classifications: (1) one- and two-family houses; (2) other building; (3) heavy construction; and (4) highways.

In order to afford a comparison of employment and payrolls between 1935 and 1934, the contractor is also asked to give for 1934 only the number of employees who worked any part of the week ended nearest to January 15, 1934, and the total amount of payroll for the four weeks period ended nearest to January 27, 1934.

The report is to include new construction, re-modeling, repairs and maintenance without any exceptions regarding the size of the orders except that Federal Government projects are not to be reported, nor any projects financed by PWA or RFC funds, employment on which is already being reported to the government. Contractors maintaining more than one office, other than field offices, are requested to make a separate report for each office. If work is being done in more than one metropolitan area, space is provided for listing each area separately, or for listing work outside such metropolitan areas by separate States. A list of metropolitan areas is attached to the questionnaire, showing the counties included therein; but any city of one hundred thousand or more in population ,and the county in which such city is located, is to be considered as a metropolitan area.

The questionnaire has been developed as a result of exhaustive study and consideration by the Construction Code Authority's Research and Statistics Committee and staff statistician, together with an outstanding group of statistical consultants. This later group is comprised of Thos. S. Holden, Vice President in Charge of Statistics and Research of the F. W. Dodge Corp.; Dr. Isador Lubin, Commissioner of Labor Statistics, Department of Labor; Colonel Donald H. Sawyer, Federal Employment Stabilization Board head, and Peter A. Stone of the NRA Division of Research and Planning.

The questionnaire has been approved by the National Recovery Administration and the Central Statistical Board. The information is to be summarized by the Bureau of Census. Every precaution is to be taken to keep the reports of the individual contractors strictly confidential in accordance with the Code. As a means of accomplishing this, a tab is attached for recording the name and address of the contracting firm, and this tab will be detached by the Construction Code Authority on recepit of the questionnaire so that the record as it goes to the tabulating organization will be strictly impersonal. Only compiled summaries for the entire industry will be published.

While the Construction Code specifically provides for the collection from members of the industry by various code authorities under the Code of the necessary statistical information requested by NRA or required by various governmental departments, the questionnaire is accompanied by a letter from the Construction Code Authority not based on this Code requirement, but emphasiing the value to the contractor of the information so collected. It states that each contractor's business may be profitable or unprofitable this year, depending upon the help that the government gives the construction industry. Important decisions may hinge upon the reliability and scope of factual information concerning employment and other conditions in the industry. Attention is directed, particularly, to the fact that the information furnished will be held strictly confidential. Franked, self-addressed envelopes are enclosed for the replies.

The 150,000 contractors to whom the questionnaire is being sent include 23,000 general contractors, 40-000 painters, 23,000 electrical contractors, 25,000 plumbers, 8,300 heating and piping contractors, 9,-000 roofing and sheet metal contractors, 8,500 plasterers, and a smaller number of the various other divisions.

CONTRACTORS LAUNCH FIGHT ON DAY-LABOR

Industry Will Be Organized For Opposition To New SERA Legislation

Concerned with the growing threat of day-labor projects to the contract system of executing public works, members of Central California Chapter, Associated General Contractors, at their annual meeting Friday, started a special fund to be devoted to a legislative compaign against bills proposing to liberalize the regulations under which public officials may spend money for construction.

Particularly the defense of the contract system will center in opposition to Assembly Bill 146 introduced in the California legislature by Assemblyman Breed of Alameda county. This measure would amend the school code to authorize school trustees to build and recondition schools with SERA labor, without calling for competitive bids, regardless of the cost of the project. Materials only would be purchased by competitive bidding.

"We propose to fight this bill to the last ditch," declared George Greenwood, president of the chapter.

The act is supported by school authorities of Berkeley and Oakland with the intention of obtaining SERA labor to execute school reconditioning programs amounting to more than $5,000,000.

An example of the complete lack of efficiency and excess cost in day-labor methods in Santa Clara county was cited by Dave Bunker, secretary of the San Jose Builders' Exchange. A small addition built for the county hospital required the expenditure of at least three times the estimated cost if done by contract. It was started by the CWA and left incomplete when CWA was disbanded. The building was completed nearly a year after it was started with supplemental appropriations by SERA.

Mr. Bunker said $565,000 had been spent by SERA on 113 projects in Santa Clara county, of which 40 are in building construction. It is estimated that $1,340,-000 will be required to bring authorized projects there to completion.

E. C. Moore of W. S. Dickey Co., pointed out that SERA competition with invading the mterial dealers field as well as that of the contractors. The Clay Products Institute of California has filed a protect in Washington against operation of a clay tile factory in San Luis Obispo county by SERA, he said.

A resolution of protest was adopted by the meeting and President Greenwod announced a definite program would be proposed by the chapter immediately for combating tions.

MacDonald & Kahn Low at $565,565 For Construction of Marina Jr. High School

Low bid for construction of the Marina Junior High School was submitted to the San Francisco Department of Public Works yesterday by MacDonald and Kahn Company, Ltd., with a proposal of $565,565 for the job complete, including electrical, mechanical and plumbing work.

Second low bid was submitted by Dinwiddie Construction Company, at $579,400, on the same basis as MacDonald and Kahn's proposal. A combination of three low bids, submitted on a segregated basis by K. E. Parker Company at $468,800 for general work, Scott Company at $92,807 for mechanical, and Dowd-Seid Electric Company for electrical work was the third lowest proposal, the total of the three being $589,702.

Contracts were advertised for the work complete, for general work only, electrical work only and mechanical work only. Altogether twenty-nine bids were received for various portions of the work.

Total bids submitted for the work complete, including electrical and mechanical work were:

MacDonald & Kahn	$565,565
Dinwiddie Construction Co.	579,400
Clinton Construction Co.	604,500
Barrett & Hilp	606,666

Total bids for general work only were as follows:

K. E. Parker Company	$468,800
Clinton Construction Co.	481,900
Fredrickson & Watson Construction Co., Oakland	486,526
P. J. Walker Company	486,615
Lindgren & Swinerton	511,000

Bids submitted for mechanical work were:

Scott Company	$ 92,807
Herman Lawson	92,814
Alta Elec. & Mechanical Co.	94,060
M. Desiano	94,666
Anderson & Rowe	94,731
Fred. W. Snook	96,503
James A. Nelson	98,645
Schuster & Hudson, Oakland	106,839

Bids for electrical work were submitted as follows:

Dowd Seid Electric Co.	$28,095
Victor Lemoge	28,409
American Electric Co.	28,440
G. H. Armstrong	28,990
Enterprise Electric Co.	29,736
R. Flatland	30,065
Scott Buttner Co.	30,085
Crown Electric Co.	31,162
Abbett Electric Co.	31,460
Severin Electric Co.	33,051
Chas. Langlais	33,268
Spencer Electric Co.	34,626

The buildings, cost of which previously had been estimated at approximately $530,000 will be a three-story reinforced concrete academic building and a steel frame gymnasium. The academic building will contain 28 classrooms, 15 special rooms and two choral rooms. Work includes tar and gravel roofs, steam heating system, wood and linoleum floors, wood and steel sash and wood trim.

Architects for the building were George Kelhm and W. P. Day, and Leland and Haley were mechanical engineers.

OPEN BIDS ON TWO L. A. JOBS

LOS ANGELES, Feb 21.—R. R. Bishop of Long Beach today submitted low bid to the State Highway Engineer for widening a reinforced concrete bridge across Malibu Creek about ten miles northwest of Santa Monica in Los Angeles county. The amount of the low bid was $25,270. Second and third low bidders, respectively, were Lynch-Cannon Engineering Co. at $27,850 and Byerts and Dunn at $37,065. At the same time bids for bituminous surfacing of about one and one-tenth miles on Hill street in Oceanside, San Diego county, were opened, Southwest Paving Co. of Los Angeles being low bidder for the work at $11,105. On this contract Griffith Co. at $14,775 and R. E. Hazard Contracting Co. at $14,950 submitted second and third low bids, respectively.

$675,000 FUND FOR S. F. SCHOOL CONSTRUCTION

An appropriation of $675,000 for San Francisco school construction during the fiscal year 1935-36 is included in the budget tentatively adopted by the Board of Education this week.

Altogether $1,000,000 is provided in the budget for school buildings, the $325,000 balance being alloted to general maintenance.

Work at the following schools is allowed for in the new budget:

George Washington High School, additional work, $275,000.

Marina Junior High School, additional work, $220,000.

Aptos Junior High School, $80,000.

Girls' High School and Lowell High School, $70,000.

Daniel Webster School, construction of an auditorium, $30,000.

The budget tentatively adopted includes only expenditures to be made between July 1, 1935 and July 1, 1936. Total expenditures of the Board of Education under the new budget will be $9,749,176; during the past year they were $9,202,032

The budget will not be finally adopted until next August, but it is anticipated that little change will be made in the provisions as they stand at present.

Possible projects to be undertaken under the federal emergency program are not included in the budget, only the regular necessary expenditures of the board being provided for.

BERKELEY PWA PROJECT LIST TOTALS $1,500,000

Extensive Civic Improvement Program Offered For U. S. Assistance

The city of Berkeley has forwarded to State Engineer A. D. Wilder requests amounting to $1,500,000 for federal aid in municipal construction projects, according to City Manager Hollis Thompson.

The projects include the construction of new buildings, sea wall fire houses, natatroium, painting of fire houses, installing 50 new fire alarm boxes, playground and park improvements and the construction of a branch library building.

It is estimated that the police administration building will cost $300,000. Other projects and their estimated costs are: Railway underpass at Third St. and University Ave., $175,000; railway underpass at Ninth St. and Ashby Ave., $175,000; Ashby Ave. sewer extension, $15,000; Ashby Ave. sewer sepair, $6,000; construction of guard rails, fences and reconstruction of streets in the hill area, $3,000; new culverts at street corners, $120,000.

Reconstruction of catchbasins, $6,000; sidewalk repairs, $10,000; fire alarm extension, $5,000; pedestrian underpass at University and San Allston Way, $20,000; pedestrian underpas at University and San Pablo Avenues, $20,000; pedestrian underpass at Bancroft Way and Milvia St., $15,000.

Construction of a sea wall at the garbage fill, $40,000; construction of two new fire houses, $17,500; construction of a drill tower and school for firemen, $9500; painting nine fire houses, $3500; tar and gravel the roof of the Durant Ave. fire house, $1200; installing 50 fire alarm boxes, $10,000; sprinkling system at San Pablo Park, $47,800.

Sprinkling system at James Kenney Playgound, $10,700; install lights at San Pablo Playground, $5,800; lights at James Kenney Playground, $3900; lights on tennis courts at Codornices Playground, $3950; lights at Grove Street Playground, $950; natatorium, $150,000, and a new branch library building, $50,000.

WALTER KOETITZ NAMED MANAGER

Walter P. Koetitz, civil engineer of Alameda, will become city manager there tomorrow, succeeding Ralph M. Bryant, resigned.

Mr. Koetitz is known in the construction industry in connection with various projects, among them the Los Angeles-Hollywood storm drainage system, the Dallas dam for the Modesto-Turlock Irrigation District, harbor buildings at Oakland, Richmond and Vallejo, San Francisco harbor buildings and subway, and a State bridge across the San Joaquin River.

Construction Industry To Sponsor State Home Buildng Loans At 5 1-2 % Interest

Funds for building small homes are to be made available to all residents of California at a 5½% interest rate and on the liberal terms now offered war veterans of this state under a program which will find its way into the state legislature at the present session under sponsorship of the general building contractors and allied interests.

Announcement of the plan and of its endorsement by leading members of the building industry was made at the annual dinner Friday night of the Central California Chapter, Associated General Contractors. William E. Hague, secretary-manager of the chapter, who presented the plan, said an issue of revenue bonds amounting to 100 million dollars or more could be used to initiate the financing, in the opinion of legislators who have been interviewed. Bond proceeds would be loaned to those who wish to build and the issue would be retired by monthly payments over a period of twenty years in the same procedure that has been applied successfully to veterans home financing for the past 13 years.

The loan limit on any property would be 90 per cent of the appraisal for land and improvements up to a maximum of $6,000. The owner would be allowed to invest up to $2500 additional in the building.

Mr. Hague presented the plan at the dinner meeting of the annual Central California Chapter in the Engineers Club, which followed the annual business session of the chapter. The evening meeting was attended by more than sixty contractors, associated material and equipment dealer members, and architects.

George Greenwood, chapter president, was chairman of the evening.

The essential points of the state home loan proposal were outlined by Mr. Hague as follows:

(1). Revenue bonds to be sold as needed up to 200 million dollars. Interest to be five per cent. (Note: It is expected that the bonds will bring a premium which will reduce the interest rate to 4½% or less.)

(2) Purchasers' interest rate to be 5½%.

(3). A maintenane fee of five per cent to be charged the buyer at time of making the loan.

(4). A 10 per cent down payment to be made by buyer at time of making the loan.

(5). A mortgage amortized over twenty years, secured by the land and improvements, to be given by the buyer at time of completing the loan.

(6). Full tax rates to be paid by all buyers.

(7). The difference in interest rates between the actual net interest rate paid on the bonds and the five percent rate paid by the purchaser to be placed in a reserve or insurance fund to be applied to reducing the amortization period of the mortgage.

(8). State to own the property and to make the mortgage.

(9). No second mortgage to be allowed.

(10). No old home purchases to be allowed. The loans are for new construction to create relief of unemployment.

(11). Purchaser to have the privilege of selecting his own lot.

(12) Value of the lot to be tentatively appraised prior to construction being started.

(13). Tentative purchaser to have authorized plans and specifications prepared, same to be submitted and a copy filed with the Board accompanied by one or more bids from responsible contractors.

(14). Upon approval of the plans and specifications prepared by a person duly authorized by state law and the proposed contract price, the Board to furnish a writing to the purchaser tentatively approving plans, specifications and price of lot and improvements, and agreeing to make a loan based on same provided all conditions are approved and the building erected on the approved lot strictly in conformity with the plans an specifications.

(15). The owner to finance construction of the home under the conditions set forth above.

(16). Upon completion of the improvements freed from all liens on lot and improvements, in accordance with the above provisions the state may then purchase the property and to collect thereon the five per cent maintenance fee, plus the ten per cent down payment, accepting a 20-year amortized mortgage to cover the balance of the purchase price. The state to reserve the right to reject plans and specifications and to refuse any loans when conditions are not fully complied with.

An owner desiring to purchase a house and lot valued in excess of $6,000 may pay such additional cost up to an amount of $2500, but in no case shall the property exceed a total value of $8500.

The following committee was appointed to work for the proposed enabling bill and other legislation regarded as a stimulant to new building.

C. W. Barker, Pacific Mfg. Co.; Henry M. Buckley, Certain-teed Products Corp.; Chas. M. Cadman, Pacific Coast Aggregates; John R. Cahill, Cahill Bros.; E. H. Downing, Pacific Portland Cement Co.; George R. Gay, Santa Cruz Portland Cement Co.; W. P. Goodenough; H. H. Hilp, Barrett & Hilp; S. G. Johnson; H. N. Larsen, Larsen & Larsen; George J. Maurer; E. C. Moore, W. S. Dickey Co.; W. J. Ochs; Frank J. Reilly; G. C. Rice, Palace Hardware Co. Wm. Spivock; O. P. Steele, Transit Concrete, Ltd.; Carroll Stephens, Golden Gate Atlas Materials Co.; Waverly Tilden, Tilden Lumber Co.; H. F. Vincent, E. F. Vincent, E. K. Wood Lumber Co.; Alfred H. Vogt; R. Walberg, Lindgren & Swinerton; Clarke E. Wayland Western Asbestos Magnesia Co., Geo. W. Williams.

DEATH CLAIMS STATE VETERAN IN ENGINEERING

John Gilmore McMillan, one of California's best known veterans of the engineering profession, died in San Jose Thursday at the age of 84. Funeral services were held Saturday.

Mr. McMillan was elected county surveyor of Santa Clara in 1890 and served for twenty-four years, resigning in 1914 to join with his sons in a firm of consulting engineers.

The career which brought McMillan frame in railroad, highway and bridge engineering, grew from childhood ambition.

He was born in Rhode Island in July, 1851, and came to California with his parents four years later. As a child the construtcion work around the Feather river mines fascintaed him. He decided to become an engineer.

He was elected county surveyor of Sutter county in 1876, serving two terms and winning a reputation that caused the Central Pacific and then the Southern Pacific to employ him in railroad construction. Later he went to Central America and built railroads there. Returning to the United States in 1885 he was employed as assistant engineer on construction of the old Market street cable railroad in San Francisco. In 1886 he resigned to become engineer of construction of Stanford unversity.

On completion of this job, after four years, he was elected Santa Clara county surveyor and in 1890-91 built the first concrete highway bridge in California.

George Petersen Sues Healdsburg School on Forfeit

George Petersen, San Leandro general contractor, yesterday filed suit in Sonoma county superior court to enjoin the Healdsburg board of school trustees from forfeiting a $3,850 bid deposit made with his proposal on the Healdsburg high school addition contract.

Mr. Petersen showed the board evidence of an error in computing his bid which made it impossible for him to accept the contract and asked that he be allowed to withdraw it. On a ruling of the Sonoma district attorney the board declined to allow withdrawal and after expiration of the period for executing the contract ordered his bid security cashed.

Superior Judge Hilliard Comstock granted a temporary restraining order on the contractor's petition, with hearing of the suit set for March 1.

The contract on which Mr. Petersen bid is being readvertised for new bids to be received March 7.

TO SET RECORD IN GATE TOWER STEEL ERECTION

Contractor Working For Big Bonus to Hasten Completion of Structure

During the first two weeks of February, steel contractors, the McClintic-Marshall Corp., erected more than 4500 tons of steel in the south tower of the Golden Gate Bridge, according to the weekly report of Chief Engineer Joseph B. Strauss.

The traveler is now in its third position, about 120 feet above the pier surface and the tower legs have reached an elevation of 200 feet, nearly the deck level of the bridge.

Twelve riveting gangs are at work on the tower, placing approximately 3600 rivets a day.

McClintic-Marshall is working against the engineer's schedule of completion of the tower by Sept. 1. For each day up to 60 days the contractor saves he will receive a bonus of $1500. If more than 60 days are saved there will be an additional bonus of $750 a day over the first $1500.

Approximately 25,615,000 pounds of structural steel has been delivered at the local storage plant of the contractor or is in transit from the fabricating plants in the east.

Work on the San Francisco cable housing is progressing rapidly. The structure is now concreted to an elevation of 50 feet, which includes piers for the approach spans.

Pylon S-2, south of Fort Scott, has been concreted to an elevation of 106 feet on both shafts, having reached the point where the cables will pass through the structure.

On the Marin side of the Golden Gate nearly a quarter of a million dollars is to be spent within the next few months. The contractor is overhauling equipment preparatory to commencing work on the anchorage housing between the main anchor blocks and pylon N-1. Preliminary work for the cable contractor on the top strut of the Marin tower is virtually completed.

In the Trenton, New Jersey plant of the John A. Roeblings Sons Co., cable contractors, approximately 59 per cent of the cable wire, or 12,577 tons, has been accepted and stored. Shortly this wire will commence moving to the company's California plant recently established near the State Nautical School on the upper bay shore in Marin county.

In order to determine the most satisfactory coating to protect the cable wire during its shipment thru the Panama Canal and tropical waters, a trial shipment was dispatched here from Roeblings' eastern plant, arriving last week.

In this shipment six different materials were applied to the coils of wire. Some were wrapped in paper and others coated with various waxes and greases.

Upon their arrival here samples were taken and carefully wrapped in cotton batting and then shipped back by express to the eastern mills for chemical analysis. Upon the results of the findings of the laboratory the final determination of the proper protective coat for cable shipment will be made.

During the past week, according to Chief Engineer Strauss, employment on the Golden Gate Bridge has been stepped up with an average of 1,000 men per day employed on the project in the San Francisco bay area.

STEEL CREWS SOON START BAY CATWALK

First Cable Will Be Laid Between Two West Towers

Preparations for raising the catwalk to the tops of Towers W-2 and W-3 were started last week by Columbia Steel Company crews, according to the weekly progress report of Chief Engineer C. H. Purcell to be filed with State Director of Public Works Earl Lee Kelly today.

At the same time Transbay Construction Co., substructure contractor, is completing the concrete fenders on the center anchorage and removing the forms and falsework preparatory to turning over the anchorage to the steel contractor.

San Francisco

While Healy-Tibbitts Construction Company continues the demolition of buildings in the right of way of the bridge, test piles are being driven between Fourth and Fifth Streets to determine the length of piles required for the support of the bridge viaduct.

Pier W-1, on the west side of the Embarcadero, is being raised from the lower deck level to its final height, the top of which will be 176 feet above ground level.

West Bay Superstructure

Erection of Tower W-5 is now 85 per cent complete, and Columbia Steel Company is preparing to raise the catwalk cables over Towers W-3 and W-2.

Yerba Buena Island

Clinton Construtcion Company has now completed 70 per cent of the side wall tunnel lining and has started the concrete viaduct at the east end of the tunnel.

Columbia Steel Company has now completed the second Yerba Buena Island steel span and started the third.

East Bay Superstructure

The first of the heavy 508-foot spans, E-8, was 50 per cent erected last week by steel crews.

At the same time the lower deck of Spans E-20 and E-21 was completely paved.

SERA ASSUMES COMPENSATION FOR WORKERS

Self-Insurance System Operated To Meet Accident Liability

SERA relief workers are not subject to the provisions of the Workmen's Compensation Act, according to Chas. G. Wheeland, director of health, safety and insurance for SERA.

In case of injury or sickness, they are primarily a county responsibility, thereby being entitled to medical care and hospitalization through the regularly estabished county public facilities, SERA has ruled.

In order to relieve an unusual situation created through the operation of the work relief program, the SERA has arranged to furnish relief workers, who are injured in the course of their work on SERA projects, a reasonable amount of private medical and hospital care; also, to pay, in the form of cash relief, any part of the injured's family deficiency work budget which may be lost by reason of an "industrial" injury.

Under no circumstances shall the combined earnings of the injured and his disability benefits exceed the amount of his family deficiency budget during any budget period.

The director of safety has supervised workers engaged in razing damaged public buildings in the Los Angeles earthquake area. The administration reports during a total of 725,055 man-hours worked on 52 such projects, involving greater than ordinary hazard to labor, there were but 22 lost time accidents, with a frequency rate of 30.3 per million man-hours.

"Had compensation insurance been carried at prevailing rates," state an SERA bulletin, "the premiums would have amounted to $174,870. SERA, operating as a self-insurer, incurred a total liability, plus first aid and safety equipment, salaries and travel expenses of first aid men and safety inspectors of less than $11,000. Also, the men who were paid disability allowances, received the same amount of money they would have earned had they been able to continue to work; while under the compensation law, they would have been paid only 65 percent or 95 per cent of their earnings."

EXTENSIVE TERMITE INFESTATION REPORTED

Recent inspections of old buildings in the city of Lodi show much more extensive termite infestation than three years ago, according to John A. Henning, superintendent of utilities. When a survey was made three years ago about twenty per cent of the buildings were infested. Now it is etimated that termites will be found in seventy-five per cent of the structures.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
141	Caligari	Owner	1200
142	Dempsey	Lindsay	3000
143	Wells	MacDonald	3000
144	Bain	Owner	4000
145	McKenna	Andersen	2000
146	Sanguinetti	Owner	2000
147	Dean	Papenhausen	7000
148	Sbarboro	Owner	7500
149	Sullivan	Muller	2750
150	Smith	Owner	3000
151	Sbarboro	Owner	7500
152	Bothin	Mattock	14000
153	Gilmore	Owner	1200
153	Cereal	Forbes	3000
154	Lindburg	Salomon	1400
155	Allied	Jacks	30000

ALTERATIONS
(141) E CULEBRA TERRACE 25 S Chestnut St. Alter flats.
Owner—C. Caligari, 62 Culebra Terrace, San Francisco.
Architect—Not Given. $1200

DWELLING
(142) S TINGLEY ST. 75 W Alemany. One-story and basement frame dwelling.
Owner—Peter Dempsey, 20 Leo St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3000

ALTERATIONS
(143) NO. 22 MONTGOMERY ST. Alter offices.
Owner—Wells Fargo Bank & Union Trust Co., Montgomery and Market Sts., San Francisco.
Architect—Not Given.
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco. $3000

STORE BLDG.
(144) S BUSH 165 W Leavenworth. One-story Class C store.
Owner—Chas. H. Bain, 2401 Jackson St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Engineer—A. L. Fisher. $4000

DWELLING
(145) NO. 155 NEY ST. One-story and basement frame dwelling.
Owner—Chas. McKenna, Premises.
Architect—Not Given.
Contractor—P. Andersen, 4082 Army St., San Francisco. $2000

ALTERATIONS
(146) 525 TURK ST.; alter apts.
Owner—A. Sanguinetti, % contractor.
Architect—J. A. Porporato, 619 Washington Street. $2000

DWELLING
(147) W SAN BENITO 55 N St. Francis Blvd. Two-story and basement frame dwelling.
Owner—Milton L. Dean, 165 Jordan Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — H. Papenhausen, 595 Victoria St., S. F. $7000

FLATS
(148) E FILLMORE 75 S Beach St. Two-story frame flats.
Owner—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $7500

ALTERATIONS
(149) NO. 280 POST ST. Alter store.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., S. F. $2750

DWELLING
(150) E FORTIETH AVE. 279 S Balboa St. One-story and basement frame dwelling.
Owner—Charles Smith, 866 36th Ave., San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco. $3000

FLATS
(151) E FILLMORE 50 S Beach St. Two-story frame flats.
Owner—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $7500

ALTERATIONS
(152) NO. 604 MISSION ST. Alter offices.
Owner—Bothin Realty Co., Premises.
Architect — Angus McSweeney, 277 Pine St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $14,000

ALTERATIONS
(153) SE COOK AND GEARY STS. Alter service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given. $1200

BINS
(153) E WEBSTER ST. 134 S Fulton Reinforced concrete grain bins.
Owner—Cereal Products Refining Co., 763 Fulton St., San Francisco.
Engineer—H. H. Soult, 17th & Wisconsin Sts., San Francisco.
Contractor—R. J. H. Forbes, 1067 Monadnock Bldg. $3000

ALTERATIONS
(154) GEARY ST. AND VAN NESS Ave. Alter store.
Owner — Arthur Lindburg, % Contractor.
Architect—Not Given.
Contractor, L. Salomon, 1734 Broderick St., San Francisco. $1400

ALTERATIONS
(155) NW POST AND STOCKTON. Alter hotel.
Owner—Allied Properties, % Contractor.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Jacks & Irvine, 74 New Montgomery St. $30,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
89	Sunset	Leiter	4000
90	Byers	Confer	4000
91	McDaniel	Wallace	4875
92	Berkeley	Netherby	3000
93	Hardie	Owner	1200
94	Tenth	Christensen	38000
95	Pesterino	Owner	1786
96	Holbrook	Owner	1700
97	Pleitner	Watson	3500
98	Luther	Johnson	4750
99	Beads	Atterwall	1500

GARAGE
(89) NO. 2101 LIVINGSTON STREET OAKLAND. One-story tile garage.
Owner—Sunset McKee Sales Book Co. Premises.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland. $4000

DWELLING
(90) NO. 545 CRAGMONT AVENUE BERKELEY. One story five-room frame dwelling and garage.
Owner—L. A. Byers, 2747 Haste St., Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 976 Keeler St., Berkeley. $4000

ADDITION
(91) 1126 13th AVE., OAKLAND; 1-story brick addition.
Owner — C. S. McDaniel, Claremont Press, Oakland.
Architect—Not Given.
Contractor—F. J. Wallace, 907 Washington St., Oakland. $4875

DWELLING
(92) 720 CRESTON ROAD, BERKELEY; two-story six-rom frame dwelling and garage.
Owner — Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor—W. A. Netherby, 2853 Lyman Road, Oakland. $3000

ALTERATIONS
(93) 2909 GROVE ST., OAKLAND; alterations.
Owner and Contractor—A. M. Hardie, 2318 Roosevelt St., Oakland.
Architect—Not Given. $1200

February 18, 1935

Contract Awarded.

RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. 720 Creston Road.
Two-story frame an stucco residence (six rooms).
Owner — Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor—W. A. Netherby, 2853 Ly-Road, Oakland. 14

ALTERATIONS
(94) NO. 1410 TENTH AVE., OAKLAND. Alterations and addition.
Owner—Tenth Avenue Baptist Church Premises.
Architect—A. Frohberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $38,000

ADDITION
(95) NO. 2925 MORGAN AVENUE, OAKLAND. Addition.
Owner—C. Pesterino, 2225 96th Ave., Oakland.
Architect—Not Given. $1786

RACK
(96) NO. 900 ALICE ST., OAKLAND Steel pipe rack.
Owner—Tay-Holbrook Co., Prem.
Architect—Not Given. $1700

DWELLING
(97) NO. 3201 SIXTY-FIRST AVE., OAKLAND. One-story 5-room dwelling.
Owner — H. A. Pleitner, 4020 E-14th St., Oakland.
Architect—Not Given.
Contractor—W. Watson, 4750 Meldon Ave., Oakland. $3500

DWELLING
(98) NO. 474 SPRUCE ST., BERKELEY. Two-story six-room frame dwelling and garage.
Owner—C. Luther, 300 62nd Street, Berkeley.
Architect—Not Given
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland. $4750

ADDITIONS

(99) NO. 1033 KEELER ST., BERKELEY. Additions.
Owner—K. L. Beads, Premises.
Architect—Not Given.
Contractor—J. F. Atterwall. $1500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
28	Schmidt	Ocean	6500
29	Same	Robinson	4912
30	Same	Judson	2611
31	Dean	Papenhausen	8421
32	Caswell	Hundley	783
33	Same	Gunn	270
34	Same	Dwan	361
35	Same	Otis	7025
36	Same	Rolph	901
37	Same	Detroit	2280
38	Tietjen	Koenig	1629
5	Grasseschi	Asmussen	4238

ALTERATIONS

(28) SECOND and BRYANT Streets. Remove pressure tanks Nos. 1 and 2 and house tank No. 2, also remove structural steel structures immediately supporting above tanks, also remove tower and platform supporting gravity tank No. 2, also furnish and set in place five pressure tanks on roof of concrete building and paint interior and exterior of same.
Owner—Schmidt Lithograph Co., 2nd and Bryant Sts.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—Ocean Shore Iron Works, 550 8th St., San Francisco.
Filed Feb. 13, '35. Dated Feb. 11, '35.
Upon completion 75%
Final settlement 25%
TOTAL COST, $6590
Bond, $3295.26. Surety, Fidelity & Casualty Co. of New York. Limit, 90 calendar days. Forfeit, none. Plans and specifications filed.

(29) COMPLETE RE - ARRANGEMENT and additions to sprinkler system on above.
Contractor—Geo. M. Robinson & Co., 389 Clementina St., S. F.
Filed Feb. 13, '35. Dated Feb. 11, '34.
Upon completion 75%
Final settlement 25%
TOTAL COST, $4912
Bond, $4912. Surety, Fidelity & Casualty Co. of New York. Limit, 100 calendar days. Forfeit, none. Plans and specifications filed.

(30) FABRICATION, DELIVERY & erection of miscellaneous structural steel for re-arrangement and addition to sprinkler system and tanks on above.
Contractor — Judson Pacific Co., 609 Mission St., San Francisco.
Filed Feb. 13, '35. Dated Feb. 11, '35.
Upon completion 75%
Final settlement 25%
TOTAL COST, $2611
Bond, $1305.50. Surety, United States Guarantee Co. Limit, 40 calendar days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(31) LOT 3 BLK 11 St. Francis Wood. All work for two-story frame and plaster residence with detached garage.
Owner—Milton L. and Babette H. Dean.
Architect—Masten & Hurd, 733 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.
Filed Feb. 15, '35. Dated ——.
Frame up 25%
Brown coat plaster on..... 25%
Completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $8421
Bond, $8421. Sureties, C. W. Higgins and Robert Postler. Limit, forfeit, none. Plans and specifications filed.

CONCRETE BUILDING

(32) HARRISON & HAWTHORNE Sts. Finish hardware for four-story reinforced concrete building.
Owner—Geo. W. Caswell Co., 442 Second St., San Francisco.
Architect—Masten & Hurd, 233 Post St., S. F. and Roeth, 1404 Franklin St., Oakland.
Contractor—E. M. Hundley, 662 Mission St., San Francisco.
Filed Feb. 13, '35. Dated Jan. 21, '35.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $732.22
Bond, $391. Surety, Pacific Indemnity Company. Limit 35 calendar days. Forfeit, none. Plans and specifications filed.

(33) VENETIAN BLINDS ON above.
Contractor — Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Filed Feb. 13, '35. Dated Jan. 21, '35.
Payments same as above.....
TOTAL COST, $270
Bond, $135. Surety, Pacific Indemnity Co. Limit. 30 calendar days. Forfeit, none. Plans and specifications filed.

(35) METAL TOILET PARTITIONS on above.
Contractor—Dwan & Co., Call Bldg., San Francisco.
Filed Feb. 13, '35. Dated Jan. 21, '35.
Payments same as above.....
TOTAL COST, $361
Bond, $180.50. Surety, Pacific Indemnity Co. Limit, 30 calendar days. Forfeit, none. Plans and specificatinos filed.

(35) ELEVATORS ON ABOVE.
Contractor — Otis Elevator Co., 1 Beach St., San Francisco.
Filed Feb. 13, '35. Dated Jan. 21, '35.
Payments same as above.....
TOTAL COST, $7025
Bond, $3512.50. Surety, National Surety Corp. Limit, 76 calendar days. Forfeit, none. Plans and specifications filed.

(36) STEEL ROLLING DOORS ON above.
Contractor—Rolph Mills & Co., 525 Market St., San Francisco.
Filed Feb. 13, '35. Dated Jan. 21, '35.
Payments same as above.....
TOTAL COST, $901
Bond, $456. Surety, The R. C. Mahon Co., Detroit. Limit, 30 calendar days. Forfeit, none. Plans and specifications filed.

(37) STEEL SASH ON ABOVE.
Contractor — Detroit Steel Products Co. 111 Sutter St., San Francisco
Filed Feb. 13, '35. Dated Jan. 21, '35.
Payments same as above.....
TOTAL COST, $2280
Bond, $1140. Surety, Pacific Indemnity Co. Limit, 45 calendar days. Forfeit, none. Plans and specifications filed.

GARAGES

(38) SW CORNER McALLISTER & Scott Sts., known as 841-51 and 853-63 Scott St.; construct two 2-auto garages below apartment house.
Owner—Henry Tietjen, 1511 McAllister Street.
Contractor—Chas. J. U. Koenig Sons, 520 Church Street.
Filed Feb. 15, '35. Dated, Feb. 16, '35.
Grading and foundation walls completed $600
Completion 621
Usual 35 days 408
TOTAL COST, $1,629
Bond, $1,629. Sureties, United States Fidelity & Guarantee Co. Limit, 30 working days. Plans and Spec. filed.

RESIDENCE

(5) LOT 4, Petersen Tract, Hayward. All work for residence and garage.
Owner—Alfred and Lina Grasseschi, 865 2nd St., Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—Geo. J. Asmussen, 1058 Grove Way, Hayward.
Filed Feb. 19, '35. Dated Feb. 19, '35.
5th days after roof tile on.....$1050
5th day after plastering comp. 1050
5th day after completed..... 1050
Usual 35 days..... 1088
TOTAL COST, $4238
Bond, $4238. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER hotel, $353; 174 Ellis Street; owner, M. Weinstein Co., 1041 Market St.; contractor, M. Gibbs, 2116 Fillmore St.

SIGN, electric, $100; 2788 Mission St.; owner, Anne Weiss, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

SIGN, electric, $100; 2416 Mission St.; owner, Sun Liquor Store, Prem.; contractor, QRS Neon Corp, Ltd., 690 Potrero Ave.

ALTER sanitarium, $250; NW 36th Ave. and Fulton St.; owner, Etta M. Clements, 848 42nd Ave.

SIGN, electric, $50; Mission at 17th St.; owner, Redlick-Newman, Mission at 17th St.; contractor, Elec. Prods. Corp., 255 Golden Gaae.

ALTER market, $450; 3055 Clement; owner, Domenic Trevisan, 344 32nd Ave.; contractor, G. M. Hantzsche, 455 32nd Ave.

SIGN, electric, $150; 298 3rd Street; owner, Olympia Importing Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

GARAGE, one-story frame, $50; 200 Miguel St. (rear); owner, Ann Koon, Premises.

ALTER store, $400; 1097 Market St.; owner, Jack and Dick Someulion, 1097 Market St.; contractor, Royal Show Case Co., 770 McAllister St.

BILLBOARD, $150; Bantwell & Bayshore; owner, Edward J. Lynch, 4719 Geary Blvd.

ALTER dwelling, $400; N Raymond St., bet. Delta and Elliott Sts.; owner, Tom Freeland, % Architech; architect, G. A. Berger, 309 Valencia St.; contractor, K. C. Gardener, 335 Raymond St.

SIGN, electric, $50; 501 Monterey St. owner, Swenson & Sasseron, 501 Monterey; contractor, Electrical Prods. Corp., 255 Golden Gate.

ALTER dwelling, $250; 2334 Lake St.; owner, Lucien Baer, Premises; contractor, Phoenix Simpton Co., 520 6th St.

ALTER dwelling, $175; 24 Ramsell; owner, J. Hansen, Premises.

ALTER garage, $490; 359 Potrero Ave.; owner, Ardens Farms, Inc., 359 Potrero Ave.; contractor, Phoenix Simpton Co., 520 6th St.

ALTER offices, $900; 220 Bush Street; owner, Mills Estate, Inc., Mills Bldg.

ALTER flats, $250; 1725 McAllister; owner, B. Fireman, 949 Fillmore.

ALTER theatre, $250; N Irving St. 100 W 46th Ave.; owner, G. E. Austin, % Contractor; contractor, Monson Bros., 475 6th St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
APARTMENTS Cost, $12,000
SAN MATEO, San Mateo Co., Calif. South Claremont Street.
Two-story frame and stucco apartment building (four 4-room apts., one bath and shower in each) tar and gravel roof, gas hot air heating system, hardwood floors, tile baths and showers, hot water heaters, sinks, etc.
Owner—Frank Nascelli, 123 S. Claremont St., San Mateo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Samuel A. Wisnom, 110 S. Ellsworth St., San Mateo.

Plans Completed.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 525 Turk St.
Alterations to apartments.
Owner—A. Sanguinetti.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

3— CHURCHES

Planned.
ADDITION Cost, $36,000
SALEM, Oregon. State and Church Streets.
Addition to church (brick and concrete construction, 50x100 feet); Gothic type, new heating plant, 18 classrooms, etc.
Owner—First Methodist Church (Rev. J. E. Millegan, Pastor) 636 Church St., Salem, Oregon.
Plans by Albert A. Siewert, 388 N. Winter St., Salem, Oregon.

Plans Being Prepared.
CHURCH Cost, $18,000
BAKERSFIELD, Kern Co., Cal. King and Monterey Streets.
Alterations and additions to church (frame construction, brick walls whitewashed; shingle roofing, structural steel, cement and oak floors; leaded glass, gas steam radiators, etc.
Owner — Church of Jesus Christ of Latter Day Saints (J. S. Brunting, President).
Architect—Georgius Y. Cannon, Beaux Arts Bldg., Los Angeles.

4— FACTORIES & WAREHOUSES

Contract Awarded.
CANNERY Cost, $40,000
STOCKTON, San Joaquin Co., Calif. Morningside Industrial Area (20 acre site).
Two - story cannery (reinforced concrete construction to first floor, steel and corrugated iron on second floor, wood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco (E. P. Euphrat in charge).
Engineer—Ellison and Russell, Pacific Bldg., San Francisco.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. Ninth and Alice Streets.
Alterations and additions to wholesale plumbing plant (the work involves structural steel, pipe racks, loading platforms, etc.)
Owner—Tay-Holbrook Co., Tenth and Harrison Sts., Oakland.
Architects & Engineers—J. E. Krafft and Sons, Phelan Bldg., San Francisco.
Contractor—Judson Pacific Co., foot of Park Ave., Oakland.

Contracts Awarded.
PLANT Cost, $6000
SAN MATEO, San Mateo Co., Calif. South El Camino.
One-story concrete pasteurizing plant (tar and gravel roof, concrete floors, etc.)
Owner—Del Monte Creamery, 375 Potrero Ave., San Francisco.
Architect—Wallace A. Stephens, 2025 Carmelita Ave., Burlingame.
Concrete and Carpentry—Bessett Bldg. Co., 826 Walnut St., Burlingame.
Plumbing—H. R. Parks, 1230 Broadway, Burlingame.
Electric—R. G. Linville, 2617 Easton Drive, Burlingame.
Sheet Metal—Izmirian Sheet Metal Works, 227-29 S.R.R. Avenue, San Mateo.
Roofing—Ajaz Roofing Co., 1257 Paloma Ave., Burlingame.

Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 155 Townsend Street.
Alterations to refinery (concrete and carpentry, structural steel, steel supports, new kettles, etc.
Owner—Best Foods Products Co.
Engineer—K. Theill, 580 Market St., San Francisco.
Concrete and Carpentey — Larsen & Larsen, 629 Bryanr St.
Structural Steel—Fair Mfg. Co., 617 Bryant St.

Sub-Contracts Awarded.
ALTER SHOP Cost, $5000
EMERYVILLE, Alameda Co., Calif. Doyle and Stanford Streets.
Alterations to printing shop and bindery.
Owner—Pacific Manifolding Book Co., Premises.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — W. G. Thornally, 2059 Webster St., Oakland.
Structural Steel—Judson Pacific Co., Foot of Park Ave., Oakland.
Mill Work—Sunset Lumber Co., 400 High St., Oakland.

Additional Contracts Awarded.
FACTORY AND OFFICES
Contract Price, $87,475
SAN FRANCISCO. NE Harrison and Hawthorne Streets.
Four-story reinf. concrete factory and office building (composition roof, reinforcing steel, plumbing, heating, etc.)
Owner—Geo. Caswell, 412 Second St.
Architect—Masten & Hurd, 233 Post Street.
Contractor—Cahill Bros., 206 Sansome Street.
Finish Hardware—E. M. Hundley, 662 Mission St., $783.22.
Venetian Blinds—Gunn, Carle & Co., 20 Potrero Ave., $270.00.
Metal Toilet Partitions—Dwan & Co., Call Bldg., $361.00.
Elevators—Otis Elevator Co., 1 Beach Street, $7,025.00.
Steel Rolling Doors—Rolph Mills and Co., 525 Market St., $901.00.
Steel Sash—Detroit Steel Products Co. 111 Sutter St., $2,280.

PLANS BEING PREPARED.
LOS ANGELES, Cal.—Architect C. Beelman, 1019 Union Bank Bldg., has prepared plans for a warehouse and office building to be erected at Evergreen St. and Pico Blvd. for the U. S. Paper Co., 1301 E. 6th St. It will be a two-story, Class C structure, 118x151 feet in area; steel frame construction, concrete walls.

PLANNED.
BAKERSFIELD, Kern Co., Calif.—Bakersfield board of education has purchased property south of the Emerson school in Bakersfield as the site for a new school warehouse.

Plans Being Prepared.
WAREHOUSE, ETC. Cost, $500,000
PORTLAND, Ore. SE Third Avenue bet. Pine and Ash Streets.
Warehouse and baking plant.
Owner — Safeway Stores, Fourth and Jackson Sts., Oakland.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.

PLANS COMPLETE.
LOS ANGELES, Calif. — Architect Claud Beelman, 1019 Union Bank Bldg. has prepared plans for a warehouse and office building at Evergreen St. and Pico Blvd. for U. S. Paper Co., 1301 E. 6th St. Will be a two-story, Class C structure, 118x151 ft. in area; steel frame construction, concrete walls, brush coat exterior, wood roof construction, composition roofing, concrete ground floor, wood second story floor, steel windows, steel rolling doors sprinkler system, etc. Estimated cost $50,000. Bids are to be opened Feb. 26.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. E Culebra Terrace 25 S Chestnut Street.
Alterations to flats.
Owner—C. Caligari, 62 Culebra Terrace.
Architect—Not Given.

Plans Being Prepared.
PACKING PLANT Cost, $20,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.

To Be Done By Day's Work
FLATS Cost $8,000 each
SAN FRANCISCO. E Fillmore Street S Beach Street.
Two two-story and basement frame and stucco flats.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point Street

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $4000
SAN FRANCISCO. NE Arguello Blvd. and Geary Street.
One-story Class C service station.
Owner—General Petroleum Corp. of California, Perry and Pier, Oakland.
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $3500
WOODSIDE, San Mateo Co., Calif.
Frame and stucco service station.
Owner — Standard Oil Co., Inc., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—A. F. Hattock, 212 Clara St., San Francisco.

Plans Completed.
SERVICE STATION Cost, $7000
SAN MATEO, San Mateo Co., Cal. SE Third Ave. and El Camino.
Steel service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be asked Feb. 21.

BIDS OPENED.
FOLSOM, Sacramento Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $3,450 submitted low bid to Department of Public Works, Division of Architecture, for furnishing structural steel for the construction of a new garage building at the State Prison, Folsom.
Complete bids follow:
Golden Gate Iron Works, S. F.....$3,450
Judson Pacific Co., S. F..... 3,772
Schrader Iron Works, S. F..... 4,256
Dyer Bros. Golden West Iron Works, San Francisco 4,488
Bids held under advisement

Contract Awarded.
GARAGES. Cost, $——
SAN FRANCISCO. SW McAllister & Scott Streets.
Construct two auto garages below apartment building.
Owner—Henry Tietjen, 1511 McAllister St., San Francisco.
Architect—Not Given.
Contractor — Chas. J. U. Koenig Sons, 520 Church St., S. F.

Application Withdrawn.
SERVICE STATION Cost, $——
BAYWOOD, San Mateo Co., Cal. NW Third Ave. and El Camino Real.
Service Station.
Owner — Harry W. Regan, 1100 Burlingame Ave., Burlingame.
Architect—Not Given.
Harry W. Regan withdrew his application filed with the City Council for rezoning of property on Third Ave and El Camino Real.
Construction will probably go forward at a later date.

CONTRACT AWARDED.
FOLSOM, Sacramento Co., Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $3,450 was awarded contract by Department of Public Works for furnishing structural steel for the construction of a new garage building at the State Prison, Folsom. Complete bids were published February 18.

General Contract Awarded.
GARAGE, ETC. Cost, $42,000
SAN FRANCISCO. Green and Front Streets.
One - story brick garage (91x72 feet) two - story brick cold storage and office building (20x91 ft.) and two-story reinf. concrete cold storage and dry storage bldg. (20x91 ft.) steel trusses, wood joists, electrical work, plumbing, cork insulation, steel sash, etc.
Owner — Kraft-Phenix Cheese Corp., 962 Battery Street.
Plans by Engineering Dept. of Owner.
Contractor—C. L. Wold, 4412 Fulton Street.
As previously reported, grading contract awarde to C. L. Wold.

7— FEDERAL BUILDINGS

Complete Bid Listing.
POST OFFICE Cost, $70,000
PUYALLUP, Washington.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect. Treasury Dept., Washington, D.C.
Low Bidder—Henrickson Alstrom Co., Textile Tower, Seattle.
Complete bids follow:
(a) deduct;
(b) add.

Henrickson - Alstrom Const. Co., Seattle	(1)	$43,690
	(2)	43,476
	(a)	610
	(b)	30
M. A. Marker, Tacoma	(1)	$46,204
	(2)	46,005
	(a)	550
	(b)	200
Consolidated Engr. Co., Tacoma	(1)	$47,931
	(2)	47,736
	(a)	245
	(b)	48
Harry Boyer & Sons Co., Olympia	(1)	$48,975
	(2)	48,750
	(a)	500
	(b)	85
Geo. Schuehle, Seattle	(1)	$50,525
	(2)	50,302
	(a)	891
	(b)	860
Sound Const. & Engr. Co., Seattle	(1)	$51,260
	(2)	50,612
	(a)	596
	(b)	42
A. F. Mowat, Seattle	(1)	$52,462
	(2)	52,243
	(a)	400
	(b)	75
Neil MacDonald, Seattle	(1)	$53,370
	(2)	53,150
	(a)	535
	(b)	100
Potucek & Dahlquist, Tacoma, wash.	(1)	54,840
	(2)	55,517
	(a)	415
	(b)	50
Wm. MacDonald Const. Co., St. Louis, Mo.	(1)	$55,217
	(2)	54,888
	(a)	400
	(b)	25
Petersen & Daniels, Seattle	(1)	$54,397
	(2)	56,174
	(a)	758
	(b)	55

Bids held under advisement.

MATERIALS APPROVED.
SAN FERNANDO, Los Angeles Co., Calif.—Treasury Department has approved the following equipment and material awards for the construction of the U. S. post office at San Fernando. Sarver & Zoss, general contractors
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, Halsey-Taylor Mfg. Co.; indirect water heater, Am. Radiator Co.; back water valve, Josam Mfg. Co.; black water; cesspools, Josam Mfg. Co.; non-conducting covering for plumbing, Plant Rubber and Asbestos Works; tube radiators, Am. Radiator Co.; wall radiators, American Radiator Co.; non - conducting covering for heating, Plant Ruhber & Asbestos Works; angle radiator valves and off-set radiator valves, James P. Marsh Co.; air valves for radiators and for ends of steam mains, American Radiator Co.; brass pipe, Bridgeport Brass Co.; lighting distribution panel and feeder panel, Westinghouse Elec. Co.; rubber-covered wire, Anaconda Wire & Cable Co.; flush switches and pendent switches, Arrow-Hart & Hegeman Co.; glass ware, Gillinger Bros.; lighting fixtures, Schweitzer Brothers.

Complete Bid Listing.
POST OFFICE Cost, $635,559
PHOENIX, Arizona.
Two-story steel frame post office bldg. (195x163) masonry walls, clay tile roofing, asphalt block paving, ornamental iron, bronze and hollow metal work, metal counters, ventilating and air conditioning system, etc.
Owner—United States Government.
Architect—Lescher and Mahoney, 1100 Title & Trust Bldg., Phoenix.
Low Bidder—Great Lakes Const. Co., 333 N. Michigan Ave., Chicago.
Complete bids follow:
Alt. A, add; Alt. B, add; Alt. C, add; Alt. D, add; Alt. E, deduct.

Great Lakes Const. Co., Chicago	(1)	$428,824
	(2)	429,457
	(3)	430,824
	(a)	40,000
	(b)	2,600
	(c)	375
	(d)	900
	(e)	8,500
Robt. E. McKee, El Paso	(1)	$433,000
	(2)	433,000
	(3)	436,000
	(a)	41,000
	(b)	2,700
	(c)	400
	(d)	900
	(e)	7,000
Wm. MacDonald Const. Co. St. Louis, Mo.	(1)	$456,389
	(2)	457,200
	(3)	458,400
	(a)	39,000
	(b)	2,600
	(c)	400
	deduct (d)	5,000
	(e)	6,800
Swenson Const. Co., Chicago Illinois	(1)	$472,123
	(2)	474,257
	(3)	477,198
	(a)	40,300
	(b)	2,600
	(c)	470
	deduct (d)	700
	(e)	5,900
N. P. Sevein Co., Chicago	(1)	$600,000
	(2)	600,000
	(3)	600,000
	(a)	45,000
	(b)	3,000
	(c)	1,000
	(d)	1,000
	(e)	.....

Bids held under advisement.

MATERIALS APPROVED.
LONG BEACH, Cal.—Treasury Department has approved the award to James P. Marsh Company for furnishing thermostatic traps and angel radiator valves for the additions to the U. S. Post Office at Long Beach. Theo. A. Beyer Corp., Los Angeles, general contractor.

MATERIALS APPROVED.
HILLSBORO, Ore. — Treasury Department has approved the award to Coast Electric and Mfg. Co. for furnishing main switch and lighting distributing panels and feeder panel at the U. S. Post Office at Hillsboro.
Jos. H. Anderson, Portland, general contractor.

BIDS WANTED
PORTLAND, Ore.—Bids are being received by the Custodian, U. S. Post Office, Portland, for exterior and in-

terior painting and miscellaneous repairs at the post office, Portland.

Complete Bid Listing.
POST OFFICE Cost, $90,000
MOUNT VERNON, Washington.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—Henrickson Alstrom Co., Textile Tower, Seattle.
Complete bids follow:
(a) add;
(b) deduct;
(c) deduct.

Henricksen - Alstrom Const. Co., Seattle	(1)	$44,530
	(2)	44,810
	(3)	44,860
	(a)	430
	(b)	..
	(c)	115
A. D. Belanger & Co., Everett	(1)	$44,995
	(2)	45,165
	(3)	.....
	(a)	419
	(b)	100
	(c)	361
P. D. McNell, Mt. Vernon	(1)	$47,778
	(2)	47,860
	(3)	47,300
	(a)	325
	(b)	50
	(c)	406
Warrack Const. Co., Seattle	(1)	$47,946
	(2)	48,216
	(3)	48,046
	(a)	385
	(b)	100
	(c)	300
Harry Boyer and Sons Co., Olympia	(1)	$49,361
	(2)	49,431
	(3)	49,425
	(a)	465
	(b)	.....
	(c)	340
Consolidated Engr. Co., Ltd. Tacoma, Wash.	(1)	$49,641
	(2)	49,964
	(3)	49,609
	(a)	387
	(b)	40
	(c)	445
Nell MacDonald, Seattle	(1)	$49,670
	(2)	49,964
	(3)	49,770
	(a)	.....
	(b)	.....
	(c)	321
Geo. Schuehle, Seattle	(1)	$50,067
	(2)	50,355
	(3)	50,128
	(a)	390
	(b)	100
	(c)	385
Wm. MacDonald Const. Co., St. Louis, Mo.	(1)	$52,517
	(2)	52,000
	(3)	52,700
	(a)	400
	(b)	200
	(c)	200
F. E. Headrick, Bellingham	(1)	$51,934
	(2)	52,073
	(3)	52,095
	(a)	390
	(b)	300
	(c)	169
A. F. Mowat, Seattle	(1)	$52,525
	(2)	53,140
	(3)	54,562
	(a)	400
	(b)	200
	(c)	400
Steiro & Hansen, Tacoma	(1)	$53,868
	(2)	54,208
	(3)	54,133
	(a)	420
	(b)	150
	(c)	340
Petersen & Daniels, Seattle	(1)	$54,595
	(2)	54,950
	(3)	54,717
	(a)	433
	(b)	125
	(c)	373
Sound Const. & Engr. Co., Seattle	(1)	$55,427
	(2)	55,312
	(3)	55,259
	(a)	417
	(b)	.....
	(c)	334

Bids held under advisement.

Complete Bid Listing.
POST OFFICE Cost, $56,100
NORTH HOLLYWOOD, Los Angeles Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Robert E. McKee, 108 W. 6th St., Los Angeles.
Complete bids follow:

Robt. E. McKee, Los Angeles	$44,700
G. F. Campbell Co. and Chas. E. Kelly, Los Angeles	45,468
Wm. MacDonald Constr. Co., Louis, Mo.	45,877
Theo. A. Beyer, Corp., L. A.	46,290
Schuler & McDonald, Inc. Oakland	46,747
L. F. Dow Co., Los Angeles	49,347
Byers & Dunn, Los Angeles	55,000

FUNDS ALLOTEED

CORVALLIS, Benton Co., Oregon—The Federal Public Works Administration has allocated a loan and grant of $100,000 for the construction of an infirmary building at the State College at Corvallis. Preliminary plans prepared by Architect John Bennes, Lewis Bldg., Portland.

BIDS OPENED

EL CENTRO, Imperial Co., Cal.—Neuman Bros., McMinnville, Ore., at $930 submitted low bid to Treasury Department for painting the plaster, etc., in the U. S. Post Office, El Centro. Complete bids follow:
Neuman Bros., McMinnville, Oregon, $930.
Patterson Bros., Oakland, $994
A. M. Gelden Co., Chicago, $1073.
Alhambra Painting Contractor, Alhambra, $1480.
James Mackie, Holtsville, $2254.75.

BIDS WANTED

TORRANCE, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Torrance, for miscellaneous changes at the U. S. Post Office, Torrance.

COMPLETE BIDS.

PHOENIX, Ariz.—As previously reported, Otis Elevator Co., 1 Beach St. San Francisco, at $9500 submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing a freight elevator in the U. S. post office at Phoenix.
Complete bids follow:

Otis Elevator Co., S. F.	$ 9,507
S. Heller Elevator Co., Milwaukee	9,814
Haughton Elevator & Machine Co., Washington, D. C.	11,000

BIDS WANTED

SAN DIEGO, Cal.—Until February 26, 11 A. M., bids will be received by Public Works Officer, Eleventh Naval District, San Diego, for replacement of salt water flushing system at the Naval Operating Base (Destroyer Base), San Diego. Work consists of provisions of materials for and the installation of two 500-gallon-per-minute electrically driven salt water pumps, suction piping, and approximately 970 lin. ft. of standard weight 6-in. steel discharge piping with welded joints; also miscellaneous electrical work and appurtenances and timber constructed shelter for housing and pumps.

Plans and specifications may be obtained from above office upon deposit of $10.

Complete Bid Listing.
POST OFFICE Cost, $85,000
KELSO, Washington.
U. S. Post Office Building
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—Consolidated Const. Co., Tacoma.
Complete bids follow:

Consolidated Const. Co., Tacoma	(1)	$50,906
	(2)	51,122
deduct	(3)	445
Hoffman Const. Co., Portland	(1)	$51,300
	(2)	51,600
	(3)	300
A. D. Belanger Co., Everett, Washington	(1)	$52,190
	(2)	52,623
	(3)	228
A. S. Hansen Co., Seattle	(1)	$52,980
	(2)	53,502
	(3)	229
A. F. Mowat, Seattle	(1)	$55,868
	(2)	56,368
	(3)	250
Sound Const. & Engr. Co., Seattle	(1)	$56,624
	(2)	57,267
	(3)	205
Harry Boyer and Sons Co., Olympia, Wash.	(1)	$56,751
	(2)	57,251
	(3)	275
Wm. McDonald Const. Co., St. Louis, Mo.	(1)	$59,119
	(2)	56,566
	(3)	250
J. E. Bonnell & Son, Tacoma, Wash.	(1)	$60,888
	(2)	60,150
	(3)	506
S. Christian Ericksen, Tacoma, Wash.	(1)	$60,978
	(2)	61,300
	(3)	200

Bids held under advisement.

No Bids Received.
INSPECTION STATION $67,500
LAURIER, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
No bids were received by the Treasury Department for the construction of the above project.

Complete Bid Listing.
POST OFFICE Cost, $49,000
BAKER, Oregon.
United States Post Office.
Owner—United States Government.
Plans by Supervsing Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Wm. MacDonald Const. Co., St. Louis, Mo.
Complete bids follow:

William MacDonald Const. Co., St. Louis	$43,800
Fred. R. Comb Co., Minneapolis	45,628
Walter Petersen, Omaha, Neb.	46,272
Hoffman Const. Co., Portland	60,000

Bids held under advisement.

LOW BIDDER.

LOS ANGELES, Cal.—York Ice Machinery Corp., 5051 Santa Fe Blvd., Los Angeles, at $3,999, submitted low bid to Veterans' Administration Facility for providing and installing ice cream making plant at the Veterans' Administration Facility, Los Angeles.

To Ask Grading Bids.
MINT Cost, $1,225,000
SAN FRANCISCO. Duboce Ave. and Market Street.
Five-story reinforced concrete mint (may have granite base).
Owner—United States Government.

Plans by Supervising Architect, Treasury Dept., Washington, D. C.

It is expected that grading bids will be asked within 30 days. The property was purchased recently at a cost of $82,500.

9— HOSPITALS

PROJECT APPROVED.

GOLETA, Santa Barbara Co., Cal.—SERA has approved a supplemental appropriation of $5,858 for completion of dispensary and clinic building at Goleta. The project will be supervised by E. K. Lockard and will employ 20 laborers.

Prospective Bidders.

WARD ADDITION Cost, $20,000

SALINAS, Monterey Co., Cal. County Hospital.

One-story frame and stucco tuberculosis ward addition at the County Hospital (22 - bed unit), composition roof, wood floors, steam heating system to connect to central heating plant, etc.

Owner—County of Monterey.

Architect—Charles Butner, 51 Maple Street, Salinas.

Bids, which close March 4, 10 A. M., are being taken on a general contract.

Following have procured plans:

F. Carlsen, 336 Lincoln Avenue, Salinas.

Harold Geyer, 946 Hellam Street, Monterey.

W. E. Greene, 32 Willow St., Salinas.

M. J. Murphy, Inc., Carmel.

E. F. Reese, 35 Santa Lucia Ave., Salinas.

Plans and specifications may be obtained from the architect upon deposit of $10.00.

Contract Awarded.

HOSPITAL AND QTRS. Contract Price, $138,000

NESPELEM, Wash. Colville Indian Agency.

Hospital, two doctors' houses, nurses' quarters (hospital will have reinforced concrete construction, light weight steel beams, reinforced concrete floors, etc.; nurses' quarters, masonry walls, asbestos shingle and clay tile roofing, hot water heating system, high pressure steam boilers).

Owner—U. S. Government (John Collier, Commissioner of Indian Affairs).

Architect—Schmidt, Garden & Edikson, 104 S. Michigan Ave., Chicago

Contractor—J. W. Bailey Const. Co., 325 Insurance Bldg., Seattle.

Bids Opened.

HOSPITAL Cost, $97,000

MADERA, Madera Co., Cal.

One-story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) (concrete walls and floors, tile roof, tile partitions, etc.)

Owner—County of Madera.

Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.

Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.

Low Bidder — Frank J. Reilly, 6350 Fulton St., San Francisco.

Complete bids follow:

Frank J. Reilly, S. F. $83,871

William Spivock, S. F. 86,7

B. A. Hawkins, S. F. 88,725

Trewhitt & Shields, Fresno 89,387

Petersen & Hoffmeyer, S. F. 89,985

W. J. Ochs, Fresno 99,900

Bids held under advisement.

BIDS WANTED.

VENTURA, Ventura Co., Cal.—Until March 15, 10 A. M., bids will be received by the Ventura county supervisors for the construction of a laboratory and main office rooms in the administration building at Ventura county hospital. Separate bids will be taken on the general work, electric wiring, plumbing and painting. Plans and specifications may be obtained from L. E. Hallowell, county clerk. Certified check for 10% must accompany each bid. Harold E. Burket, architect, 455 E. Main St., Ventura. Bids received for this work Jan. 7, were rejected.

BIDS WANTED.

GRAND CANYON, Arizona.—Until March 22, 10 A. M., bids will be received by Superintendent, Grand Canyon National Park, Grand Canyon, Ariz., for the construction of a hospital building on the North Rim of the Grand Canyon. Plans and specifications may be obtained from the park superintendent upon deposit of $10 in the form of a certified check, payable to Special Disbursing Agent, Grand Canyon National Park. The location of the project is such that it will be impossible to start work before May 1. M. R. Tillotson, superintendent.

10— HOTELS

Contracts Awarded.

ALTER HOTEL Cost, $——

SAN FRANCISCO. NW Post and Stockton Streets.

Alterations to ground floor of Plaza Hotel (work involves structural steel; new barroom, new fixtures, marble, tile work, etc.)

Owner — Pacific States Savings and Loan Association.

Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Contractor — Jacks & Irvine, 74 New Montgomery St., San Francisco.

Mill and Cabinet Work—Wm. Bateman, 1915 Bryant St., S. F.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until March 26, 2:30 P. M., bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for alterations to refrigerators in buildings Nos. 13 and 17 at the Veterans Administration Facility, Los Angeles.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PLANNED

KERN COUNTY, Cal.—Kern County Supervisors will submit to the government a list of construction projects for financing under the new public works program. Included in the list are the following building projects: Stony Brook sanatorium improvements, including a steam heating plant; county hospital branches at Taft and Delano; old people's home and a detention home; Wasco and county airport improvements; county hospital addition; new county library; branch libraries at Arvin and Taft; cooling systems for the county courthouse and hall of records.

PLANNED.

PASADENA, Cal.—Pasadena's public improvement program, to be submitted to the Public Works Administration with a request for government financing, includes the following building projects: Rose Bowl improvements, $175,000; Patriotir Hal repairs, $15,000; two new fire stations $60,000; reconstruct Tournament Pk. $100,000; Central Park recreation bldg. $75,000; Memorial Park building, $19,000; comfort stations, $72,000; garag and gymnasium for the Hall of Justice, $50,000. Several buildings fo the water department and for th light department are included in th list. The entire program is expecte to cover a ten-year period.

Plans Being Prepared.

ADDITION Cost, $10,000

SAN LEANDRO, Alameda Co., Calif.

Addition to library (frame construction, brick veneer exterior) two tanks and four cells.

Owner—City of San Leandro (A. E Pelton, City Manager).

Architect—E. W. Cannon, 81 Echo St., Piedmont.

Labor will be furnished by SERA and the materials will be purchased by the city at a later date.

LOAN APPROVED.

TUCSON, Ariz.—Public Works Administration has approved a loan and grant totaling $90,000 to the Arizona School for the Deaf and Blind for financing the construction of an addition to the schol plant in Tucson.

PLANNED.

SANTA BARBARA, Calif. — Santa Barbara county planning commission has approved a number of proposed PWA projects, including the Carpinteria Veterans' Memorial building to cost $30,000; county service building at 121 E. Anapamu St., $100,000; amphitheater in Riviera canyon, $20,000; county hospital addition, $23,000; Goleta airport, $100,000; Solvang Veterans' Memorial building, $26,000; Lompoc Veterans' Memorial building, $45,000; Santa Maria branch county hospital addition, $45,000; completion of Santa Maria Veterans' Memorial bldg., $40,000; Santa Maria branch courthouse $125,000.

PLANNED.

ANAHEIM, Orange Co., Calif.—City Engineer E. P. Hapgood, Anaheim, has prepared a list of public improvements to be submitted to the PWA in accordance with the questionnaire sent out recently by the government. The following building projects are included: New fire station, $40,000; purchase and equipping of an athletic field, $60,000; roof over open air theater, $35,000; Mexican housing project, $175,000.

Plans Being Figured—Bids Close Mar. 19, 10 A. M.

HALL OF RECORDS Cost, $350,000

FRESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.

Three-story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)

Owner—County of Fresno.

Architects—Allied Architects of Fresno, 304 Rowell Bldg., Fresno.

Structural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.

Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.

Plans and specifications may be obtained from the office of the Allied Architects and from the Board of Supervisors upon deposit of $50.00.

PROJECT APPROVED.

OAKLAND, Alameda Co., Calif.—SERA has approved appropriation of $28,184 for reconditioning and painting the Civic Auditorium and Theatre in the City of Oakland, including refinishing of floors, concrete steps, installing curbing, additions to fire protection and heating system, etc. J. F. Hassler of the City of Oakland will

supervise the project which will employ one timekeeper and 58 laborers

BIDS OPENED.
SAN FRANCISCO. Chas. Christensen Co., 567 Market Street, at $1,148 submitted low bid to the Department of Public Works for the installation of revolving doors at the rotunda entrance to the Controller's Office and Treasurer's Office, City Hall. Only other bid was submitted by C. J. Waterhouse, at $1,275.
Bids held under advisement.

To Make Survey.
SURVEY BLDGS. Cost, $——
YUBA CITY, Sutter Co., Calif.
To make survey of all county buildings.
Owner—County of Sutter.
Architect — George Sellon, California State Life Bldg., Sacramento.
A survey will be made of all county buildings to determine necessary improvements.

To Make Survey.
SURVEY BLDG. Cost, $——
NAPA Napa Co., Cal.
To make survey of all county buildings.
Owner—County of Napa.
Architect — George Sellon, California State Life Bldg., Sacramento.
A survey will be made of all county buildings to determine necessary improvements.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $3,000
REDWOOD CITY, San Mateo Co., Cal. 603 Arlington Road.
One-story frame and stucco residence (four rooms).
Owner and Builder—D. C. Courtney, 98 Sanchez St., San Francisco
Architect—Not Given.

Plans Being Figured.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. Harvard Avenue.
Two-story frame & stucco residence Italian Style; (servant rooms and 2 baths); tile roof, etc.
Owner—George Ferroggiaro, 811 32nd Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Following will submit bids:
E. S. Shaver, 2600 Easton Drive, Burlingame.
Charle Hammer, 1524 Floribunda Ave., Burlingame.
S. A. Wisnom, 140 S. Ellsworth St., San Mateo.
About three weeks will be allowed for figuring the plans.

Preparing Working Drawings
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Morago Canyon.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); shake roof, gas hot air heating system, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked shortly.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths); shake roof electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Contract Awarded.
RESIDENCE Cost, $4750
BERKELEY, Alameda Co., Cal. No 474 Spruce Street.
Two-story 6-room frame dwelling and garage.
Owner—C. Luther, 300 62nd St., Berkeley.
Architect—Not Given.
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 3201 61st Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner—H. A. Pleitner, 1020 E 14th St., Oakland.
Architect—Not Given.
Contractor—W. Watson, 4750 Meldon Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4,238
HAYWARD, Alameda Co., Cal. Petersen Tract.
One - story and basement frame and stucco residence.
Owner—Alfred & Lina Grasseschi, 865 Second St., Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—George J. Asmussen, 1058 Grove Way, Hayward.

February 19, 1935

Contract Awarded.
RESIDENCE Cost, $2000
SANTA CRUZ, Santa Cruz Co., Cal River View Avenue.
One-story frame residence.
Owner—Francis Lenahan, Santa Cruz
Architect—Not Given.
Contractor—Walter Reed, Santa Cruz

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Berkeley Highlands Terrace.
Two-story and basement frame and stucco residence (6 rooms and 2 baths); shake roof, gas hot air heating system, steel sash, tile baths, hardwood floors.
Owner—Mason McDuffie Co., 2101 Addison St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st Ave., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame & stucco residence (6 rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in ten days.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 40th Avenue 279 S Balboa Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Chas. Smith, 866 6th Avenue.
Architect—D. E. Jaekle, 126 Post St.

Specifications Being Written.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. Kenyon Road.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); shake roof, gas hot air heating system, steel sash, brick walls, oak plank floors, etc.
Owner—Robert R. Jones.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in one week.

To Be Done By Day's Labor.
RESIDENCE Cost, $1000
SAN JOSE, Santa Clara Co., Cal No 145 E-San Carlos Street
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Dudley Wandt, 145 E-San Carlos St., San Jose
Architect—Not Given

Contract Awarded.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Cal. Sixteenth St. near Jackson St.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. Gordon, 16th and Jackson Sts., San Jose.
Architect—Not Given.
Contractor — V. Sunzeri, 176 N-31st St., San Jose.

BIDS WANTED.
LONGVIEW, Wash.—Until March 7 11 A. M., bids will be received by the Division of Subsistence Homesteads, Department of the Interior, Washington, D. C., for a group of sixty dwellings to be erected near Longview. Each unit will consist of a four- or five-room dwelling with bath, outbuildings and utilities. Ray V. Weatherly, Longview, architect.

Preparing Preliminary Plans.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
PALO ALTO, Santa Clara Co., Calif. No. 665 Hale Street.
One-story and basement frame and stucco residence.
Owner—N. Okerman, 956 Boyce Ave., Palo Alto.
Architect—Not Given.
Contractor—Arn & Okerman, Box 433, Palo Alto.
Plumbing—Grant Winner, Palo Alto.
Electric Wiring — H. Findler, Menlo Park.
Heating—Stanford Sheet Metal Wks., Palo Alto.
Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Acme Glass Co., Palo Alto.
Lumber—Merner Lumber Co., Palo Alto.
Painting—O. R. North, Palo Alto.
Plastering—E. J. Silva, Menlo Park.

Contract Awarded.
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co., Cal.
Two - story and basement frame and part brick veneer residence (11 rooms, 4 baths, separate lavatory) full Monterey type; heavy shake roof, steam heating system, wood sash, hardwood floors, tile baths
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Lengfeld and Olund, 220 Third Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. No. 1728 Ivy Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—J. B. Easley, Ivy St., San Mateo.
Architect—Not Given.
Contractor—Hugo Hultberg, 29 San Mateo Drive, San Mateo.

Contract Awarded.
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif. No. 605 N-Madison Street.
One-story rustic residence (5 rooms).
Owner — Lloyd W. and Bernice A. Cannon.
Architect—Not Given.
Contractor—Wm. R. Asaworth, 1922 N-Center St., Stockton.

Contract Awarded.
RESIDENCE Cost, $13,000
HILLSBOROUGH, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) French Manor style; shingle roof, hot air heating system, tile baths, hardwood floors.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanagh, 432 Occidental Ave., San Mateo.

To Ask Bids In One Week.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One - story and basement frame and stucco residence (5 rooms) terra cotta tile roof, gas heating system, hardwood floors, tile bath.
Owner—Withheld.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $——
CAROLANDS, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (Italian ranch style) 14 rooms, 6 baths; tile roof, gas hot air heating system, tile baths, wood sash, etc.
Owner—Lloyd Simpson.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. 545 Cragmont Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—L. A. Byers, 2747 Haste St., Berkeley.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor—F. W. Confer, 976 Keeler Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Tingley 75 S Alemany Blvd.
One - story and basement frame and stucco residence.
Owner—Peter Dempsey, 20 Leo St.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 170 Dana Avenue.
Two-story and basement frame and stucco residence.
Owner—J. G. Wheeler, 364 Poe St., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Cal. Lot 17 Blk 4, Avila Road.
One-story and basement frame and stucco residence.
Owner and Builder—Leadley & Wiseman, 207 2nd Ave., San Mateo.
Plans by E. M. Sharpe, 525 Market St., San Francisco.

Plans Completed.
ALTERATIONS Cost, $5000
MANTECA, San Joaquin Co., Calif.
Alterations to residence (work involves painting, plumbing, tile work, roofing, heating, etc.
Owner—Withheld.
Architect—Frank Mayo, 103 E. Miner Street, Stockton.
Whether bids will be asked or work done by day's labor is indefinite at this time.

Contract Awarded.
RESIDENCE Cost, $2609.75
FAIRFAX, Marin Co., Cal.
One-story frame residence (tile roof, stone work, plastering, plumbing, sheet metal, etc.)
Owner—Andrew Peri, Fairfax.
Architect — George deColmesnil, 111 Sutter St., San Francisco.
Contractor—Domenic B. Ferrero, 31 Bell Ave., San Anselmo.

Contract Awarded.
SERVICE STATION Cost, $3000
FRESNO, Fresno Co., Cal. No. 1202 Van Ness Avenue.
Super service station.
Owner—Standard Stations, Inc., Pacific Southwest Bldg., Fresno.
Architect—Not Given.
Contractor—Paul Bourzac, 540 Ferger St., Fresno.

To Be Done By Day's Work.
RESIDENCE Cost, $2500
STOCKTON, San Joaquin Co., Cal. No. 243 So. Argonaut Street.
One-story frame and stucco residence (5 rooms).
Owner—Andrew & Chas. Fredrickson, 1501 No. Pershing Ave., Stockton.
Architect—Not Given.

Segregated Bids Being Taken.
RESIDENCE Cost, $12,000
SAN FRANCISCO. St. Francis Wood.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) slate roof, gas hot air heating system, wood sash, hardwood floors, colored tile baths, etc.
Owner—Withheld.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded.
RESIDENCE Cost, $8421
SAN FRANCISCO. St. Francis Wood, Lot 3 Block 11.
Two - story and basement frame and stucco residence (detached garage)
Owner—Milton and Babette H. Dean.
Architect—Masten & Hurd, 233 Post Street.
Contractor—Henry Papenhausen, 695 Victoria Street.

Low Bidder.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Hilgard near Leroy Street.
Two - story frame and stucco residence (9 rooms, 2 baths) asbestos shingle roof, oil hot air heating system, hardwood floors, etc.
Owner—Mr. Von Ellsworth.
Architect—Theo. G. Ruegg, 1515 Tyler Street, Berkeley.
Low Bidder—Geo. F. King, 1541 Virginia St., Berkeley.
Bids ran high. Plans will probably be revised and new bids asked shortly.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 560 Chaucer Street.
Two - story and basement frame and stucco residence.
Owner—J. L. Kenworthy, Jr.
Architect—Leslie I. Nichols, 529 Guinda St., Palo Alto.
Contractor—E. J. Schmalling, 863 Melville Ave., Palo Alto.
Plumbing—Lee & Sharp, Palo Alto.
Electric Wiring—Erskine Electric Co., Redwood City.
Heating—S. Spangler, Palo Alto.
Sheet Metal—Christiansen and Anderson, Palo Alto.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Mantel—California Cut Stone Co., So. San Francisco.
Hardwood Floors—F. Grunert, Redwood City.
Brick and Stone Work—Alex Walker, Menlo Park.
Lumber—McElroy-Cheim Lumber Co., San Jose.
Hardware—Palo Alto Hardware Co., Palo Alto.
Brick and Stone Work—C. Mizzeapelli, Palo Alto.
Painting—Anton Anderson and Son, Palo Alto.
Plastering—R. Alberson, Palo Alto.
Grading—E. S. Strain, Palo Alto.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,576
PALO ALTO, Santa Clara Co., Calif. University Park.
Two-story frame and stucco residence.
Owner—Walter and Jessie A. Speyer.
Architect—Not Given.
Contractor—E. J. Schmalling, 863 Melville Ave., Palo Alto.
Roofing—C. L. Frost, Palo Alto.
Plumbing—J. F. Dahl, Palo Alto.
Electric Wiring — M. Callahan, Palo Alto.
Heating—S. Spangler, Palo Alto.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Mantel—S. & S. Tile Co., San Jose.
Hardwood Floors—F. Grunert, Redwood City.
Brick and Stone Work—C. Mizzeapelli, Palo Alto.
Lumber—McElroy-Cheim Lumber Co., San Jose.
Painting—W. Reilly, Palo Alto.
Plastering—R. Alberson, Palo Alto.
Finish Materials — Pacific Mfg. Co., Santa Clara.

15— SCHOOLS

Contract Awarded.
REPAIR SCHOOL Cost, $16,136
CROCKETT, Contra Costa Co., Calif
Repairs and earthquake - proofing of Carquinez Grammar School (brick walls, timber roof trusses, maple floors, etc.)
Owner—Carquinez School District.
Engineers—H. D. Dewell and A. W. Earl, 55 New Montgomery Street. San Francisco.
Consulting Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Neilsen & Lahti, 2328 Acton St., Berkeley.
Complete bids follow:
Neilsen & Lahti, Berkeley.....$16,136
Dinwiddie Const. Co., S. F..... 17,775
Wm. Spivock, San Francisco.... 17,957
B. A. Howkins, San Francisco.. 18,483
Gaubert Bros., Oakland..... 18,565
Monson Bros., San Francisco.... 18,940
Barrett & Hilp, San Francisco.. 19,863
Oliver S. Almile, San Francisco 20,979
Leibert & Trobock, San Rafael.. 23,790
H. C. Vensano, San Francisco.. 28,129

LOW BIDDERS.
LAGUNA BEACH, Orange Co., Cal. —Jules W. Markel, 2130 Greenleaf St., Santa Ana, submitted low normal bid at $50,862 to Laguna Beach High School District for the construction of a classroom and auditorium building on the elementary school site on Park Ave. Other low bids were: Hickman Bros., 471 8th St., San Pedro, plumbing, $4659; Pacific Plumbing Co., 313 N. Rose St., Santa Ana, on heating, $1129; Macfarlen Electric Co., 117 E 3rd St., Santa Ana, electric wiring, $2084. Allison & Allison, architects, 1014 Edison Bldg., Los Angeles.

PROJECT APPROVED.

ELVERTA, Sacramento Co., Cal.—SERA has approved appropriation of $1,050 for improvements to the Lincoln School, Elverta. The project, which will be supervised by Nils Annonsen, consists of kalsomining and painting the school building, general improvements to the school grounds, etc., and will employ one foreman and 19 laborers.

Planned.

ADMINISTRATION BLDG. $45,000
ST. HELENA, Napa Co., Cal. Campus of Pacific Union College.
Two story frame and stucco administration building (classrooms, offices, library).
Owner—Pacific Union College (W. I. Smith, President), St. Helena.
Architect—To Be Selected.
Further details will be announced about March 15.

FUNDS ALLOTTED

ASHLAND, Jackson Co., Oregon—The Federal Public Works Administration has allotted a loan and grant of $45,000 to the City of Ashland for the construction of a school gymnasium.

FUNDS ALLOTTED

JOHN DAY, Grant County, Oregon—A loan and grant of $20,000 has been allotted by the Federal Public Works Administration for the construction of a grade and high school building at John Day.

Bids Wanted—To Close March 14, 2 P. M.

SCHOOL Cost, $65,000
HEALDSBURG, Sonoma County, Cal. Luce Estate Property (6.3 acres)
One-story frame and stucco grammar school (12 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.
Owner—Healdsburg Elementary School District.
Plans and specifications obtainable from the architect.

Plans Awaiting Approval.

SCHOOL Cost, $40,000
CONCORD, Contra Costa Co., Calif.
Two - story reinforced concrete high school (ten classrooms) tile roof, steam heating system, probably concrete floors.
Owner—Mt. Diablo Union High School District (Miss Bertha Romaine, Principal).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans have been forwarded to Sacramento and upon approval bids will be asked.

Plans Approved.

AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Calif.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market Street, San Francisco.
Plans have been appproved by the PWA and bids will be asked shortly.

Bids Opened.

JUNIOR HIGH SCHOOL Cost $530,000
SAN FRANCISCO, Fillmore Street between Bay and Chestnut Streets (Marina Junior High School).
Three-story reinforced concrete academic building (28 classrooms; 15 special rooms; two choral rooms) steel frame gymnasium, tar and gravel roof, steam heating system wood and linoleum floors, wood & steel sash, wood trim.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery Street; W. P. Day, Financial Center Building.
Mechanical Engineer—Leland & Haley 58 Sutter Street.
Low bids follow:

General Work, Including Mechanical and Electrical Work—MacDonald & Kahn, Financial Center Bldg., $565,565.

General Work Only—K. E. Parker Co., 135 South Park, $468,800.

Electrical Work—Dowd - Seld Electric Co., 2118 Mission St., $28,095.

Mechanical Work—Scott Co., 243 Minna Street, $92,807.

Complete bids follow:

General Work (Mechanical and Electrical)

(a) MacDonald & Kahn	$565,565
(b) Dinwiddie Const. Co.	579,400
(c) Clinton Const. Co.	604,500
(d) Barrett & Hilp	606,666

General Work Only

(a) K. E. Parker Company	$468,800
(b) Clinton Const. Co.	481,900
(c) Fredrickson and Watson Const. Co., Oakland	486,526
(d) P. J. Walker Co.	486,615
(e) Lindgren & Swinerton	511,000

Electrical Work

Dowd-Seld Electric Co.	$ 28,095
Victor Lemoge	28,409
American Electric Co.	28,440
G. H. Armstrong	28,990
Enterprise Electric Co.	29,736
R. Flatland	30,065
Scott Buttner Co.	30,085
Crown Electric Co.	31,162
Abbett Electric Co.	31,460
Severin Electric Co.	33,051
Chas. Langlais	33,268
Spencer Electric Co.	34,626

Mechanical Work

Scott Company	$ 92,807
Herman Lawson	92,814
Alta Elec. & Mech. Co.	94,000
M. Desiano	94,666
Anderson & Rowe	94,731
Fred W. Snook	96,503
James A. Nelson	98,645
Schuster & Hudson, Oakland	106,839

Unit prices follow:

(1) Excavation and backfilling from natural grade to depth of 4 ft., (add);
(1a) do (deduct);
(2) Excavation and backfilling to depth of 8 ft. (add);
(2a) do, (deduct);
(3) Excavation and backfilling to depth of 12 ft. (add);
(3a) do (deduct);
(4) Excavation and backfilling to depth of 16 ft. (add);
(4a) do (deduct);
(5) Plain concrete one to 5.75 mix (add);
(5a) do (deduct);
(6) Plain concrete, one to 6.5 mix (add);
(6a) do (deduct);
(7) Reinforcing steel, per lb. (add);
(7a) do (deduct);
(8) Metal lockers, 12x12x72-in. (add)
(8a) do (deduct);
(9) Metal lockers, 12x12x36-in. two tiers high (add);
(9a) do (deduct);
(10) Metal lockers, 12x18x72 in. (add)
(10a) do (deduct);
(11) Metal lockers, 12x12x12-in. six tiers high (add);
(11a) do (deduct);
(12) Dudley Padlocks No. B2B, per padlock (add);
(12a) do (deduct);
(13)Linoleum, per sq. yd. laid (add);
(13a) do (deduct);
(14) Cement topping per sq. yd., laid (add);
(14a) do (deduct);
(15) Cement sidewalk, per sq. ft., laid (add);
(15a) do (deduct);
(16) Structural steel, per lb. (add);
(16a) do (deduct),
(17) Concrete yard base and asphalt paving, per sq. yd., laid (add);
(17a) do (deduct).

Unit prices follow for:

Genefal Work, Mechanical and Electrical

	(a)	(b)	(c)	(d)
(1)	$ 1.50	$ 1.25	$ 1.75	$ 1.50
(1a)	.25	.30	.30	1.00
(2)	2.50	1.75	2.50	2.00
(2a)	35	.30	.50	1.50
(3)	3.50	2.25	4.00	4.00
(3a)	.35	.30	1.00	3.00
(4)	4.50	3.00	9.00	5.00
(4a)	.35	.30	1.50	4 00
(5)	26.00	20.00	20.00	18.00
(5a)	6.00	10.00	10.00	14.00
(6)	25.50	19.00	18.00	19.00
(6a)	5.50	9.00	9.00	14.00
(7)	.06	.05	.05	.05
(7a)	.02	.025	.03	.03
(8)	9.50	8.00	8.00	6.50
(8a)	4.50	5.00	6.00	6.00
(9)	5.00	5.50	9.00	4.50
(9a)	2.50	3.00	6.00	4.00
(10)	10.00	8.50	8.00	7.50
(10a)	5.00	6.00	6.00	7.00
(11)	14.00	14.00	12.00	1.75
(11a)	7.00	6.00	8.50	1.45
(12)	.75	.80	.75	.65
(12a)	.40	.50	.40	.55
(13)	3.50	2.25	2.50	2.00
(13a)	1.00	1.40	1.25	1.75
(14)	.60	.60	.90	.65
(14a)	.20	.30	.20	.36
(15)	.35	.35	.25	.20
(15a)	.07	.15	.15	.14
(16)	.07	.045	.06	.06
(16a)	.02	.035	.04	.04
(17)	1.70	1.25	2.00	.20
(17a)	.50	.60	.50	.12

Unit prices follow for

General Work Only

	(a)	(b)	(c)	(d)	(e)
(1)	$ 2.00	$ 1.75	$ .40	$ 1.50	$ 1.70
(1a)	.25	.30	.40	.30	.25
(2)	3.00	2.50	.50	2.50	1.90
(2a)	.25	.50	.50	.50	.25
(3)	5.00	4.00	.60	3.00	2.50
(3a)	.25	1.00	.60	.60	.25
(4)	7.50	9.00	.70	4.00	4.50
(4a)	.25	1.50	.70	.65	.25
(5)	27.50	20.00	9.00	27.00	25.00
(5a)	7.00	10.00	8.00	7.00	10.00
(6)	26.00	18.00	8.00	25.00	25.00
(6a)	6.50	9.00	7.00	6.00	10.00
(7)	.05	.05	.05	.06	.06
(7a)	.02	.03	.0445	.02	.03
(8)	8.00	8.00	7.00	9.00	8.00
(8a)	5.75	6.00	6.35	5:00	6.00
(9)	5.00	9.00	4.00	9.50	5.00
(9a)	4.00	6.00	3.51	5.50	3.00
(10)	9.75	8.00	9.00	11.00	9.00
(10a)	8.50	6.00	8.04	6.00	6.00
(11)	2.50	12.00	2.00	12.00	2.00
(11a)	2.00	8.50	1.50	6.50	7.00
(12)	1.00	.75	.65	.75	.75
(12a)	.55	.40	.55	.45	.25
(13)	2.25	2.50	2.00	3.00	2.20
(13a)	1.75	1.25	1.73	1.25	1.60
(14)	.75	.90	.60	.75	.75
(14a)	.15	.20	.45	.15	.25
(15)	.25	.25	.20	.30	.30
(15a)	.15	.15	.15	.03	.10
(16)	.05	.06	.05	.03	.075
(16a)	.03	.04	.0445	.02	.03
(17)	1.75	2.00	1.25	2.00	1.50
(17a)	1.25	.50	1.25	.75	.75

CONTRACT AWARDED.

LOS ANGELES, Cal.—H. M. Baruch Corp., 625 S. Olive St., awarded contract at $204,370 by Los Angeles board of education for reconstruction, rehabilitation and strengthening the three-story, Class D brick main building, south building, domestic science building and shop building at the James A. Foshay junior high school, 3751 S. Harvard Blvd. Samuel E. Lunden, 400 Rowan Bldg., architect, and L. J. Waller, 257 S. Berendo St., structural engineer.

To Seek SERA Labor.
SCHOOL Cost, $——
LOWER LAKE, Lake Co., Calif.
One-story brick grammar school bldg. (three classrooms) tar and gravel floor, hot air heating system, Oregon pine floors, plaster interior.
Owner—Lower Lake Grammar School District.
Architect—John I. Easterly, 302 Grant Streets, Healdsburg.
Application has been filed with the SERA to furnish labor for the foundations. Further details will be announced shortly.

February 21, 1935
Bids Wanted—To Close March 20, 2:30 P. M.
SCHOOL Cost, $86,400
SAN FRANCISCO, Patrick Henry School, 18th and Vermont Streets.
Two - story reinforced concrete school unit (eight classrooms).
Owner—City of San Francisco (School Department).
Architect — W. D. Peugh, 333 Montgomery St. and Gardner A. Dailey, 210 Post Street.
Structural Engineer—Walter Huber, 1 Montgomery Street.
Mechanical Engineer—Leland & Haley 58 Sutter Street.
Bids are being taken as follows:
General Work (Including Mechanical and Plumbing) — Estimated cost $86,400; $55 deposit for plans.
General Work Only—(Estimated cost $72,000) $25 deposit for plans.
Mechanical Work and Plumbing—(Estimated cost $10,400) $15 deposit for plans.
Electrical Work—(Estimated cost $4,000) $15 deposit for plans.
Plans and specifications may be obtained from C. H. Sawyer, City Architect, City Hall.

LOW BIDDER.
LOS ANGELES, Cal.—Steed Bros., Inc., 5 S Stoneman Ave., Alhambra, submitted low bid to the Los Angeles board of education at $66,300, for the reconstruction, strengthening and rehabilitation of the main brick building at the Vine Street school, located at 955 Vine St.

LOW BIDDERS.
LAGUNA BEACH, Orange Co., Cal. —Jules W. Markel, 2130 Greenleaf St., Santa Ana, submitted low normal bid at $50,862 to the Laguna Beach High School District for construction of a classroom and auditorium building on the elementary school site on Park Ave. Other low bids follow: Hickman Bros., 471 8th St., San Pedro, plumbing, $4659; Pacific Plbg. Co., 313 N. Ross St., Santa Ana, heating, $1129; Macfarlen Electric Co., 117 E. 3rd St., Santa Ana, electric wiring, $2084. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

CONTRACT AWARDED.
LOS ANGELES, Calif.—Sarver and Zoss, 1015 W. 4th St., awarded contract at $181,112 by Los Angeles board of education for construction of a new two-story and basement, Class A, reinforced concrete school building at the Hollywood high school. Marsh, Smith & Powell, 516 Architects' Bldg. architects.

CONTRACT AWARDED.
VAN NUYS, Los Angeles Co., Cal. —Wm. J. Shirley, 1724 S. Vermont Ave., awarded contract at $28,494 by Los Angeles board of education for reconstruction, strengthening and rehibilitation of the annex building at the Van Nuys elementary school, 6464 Sylmar Ave., Van Nuys. A. S. Nibecker, Jr., architect, and Wm. D. Coffey, structural engineer.

PROJECT APPROVED
ALBANY, Alameda Co., Cal. — SERA has approved appropriation of $4181 for reconditioning of three schools in Albany. The work includes enlarging cafeteria, building cafeteria equipment, re-roofing, repairing, plaster, regfinishing floors, repairing drains, placing paving, etc., at the Marin, Cornell and Albany High Schools. The project will be supervised by J. F. West of the Albany School District, and will employ one timekeeper and 22 laborers.

BONDS DEFEATED
COLFAX, Placer Co., Cal. — Bond election in the amount of $25,000 was defeated by the Colfax Elementary School District. Proceeds were to have financed construction of a one-story elementary school building in Colfax. Plans prepared by Architect George Sellon, California State Life Bldg., Sacramento.
A new bond election will be called in about six weeks.

To Ask Bids Shortly.
DORMITORY, ETC. Cost, $942,000
SEATTLE, Wash. Campus of University of Washington.
300-room girls' dormitory; addition to power plant and infirmary bldg.
Owner—University of Washington.
Architect—Beeh & Gould, Hoge Bldg., Seattle.
The dormitory will cost approximately $600,000; power plant approximately $142,000 and the infirmary approximately $200,600.

Preparing Working Drawings.
HIGH SCHOOL Cost, $39,200
COVELO, Mendocino Co., Calif.
One-story frame and stucco academic building and 1-story frame gymnasium.
Owner—Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed about Mar. 1st.

Plans Being Completed.
SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Cal.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Plans will be completed in about ten days.

PROJECT APPROVED
SANTA CLARA COUNTY, Cal.—SERA has approved appropriation of $2361 for renovating and new classroom addition to the Orchard School on Gish Road, Santa Clara; painting and kalsomining old school; building one new classroom, and grading and leveling playground. Project will be supervised by Chas. McKenzie of the Orchard School District, and will employ 1 supervisor and 12 laborers.

PROJECT APPROVED
BERKELEY, Alameda Co., Cal.—SERA has approved appropriation of $3576 for re-roofing 35 canvass classroom huts with Mineral surface roll roofing at Garfield Junior High School and Berkeley High School, and regrading of the High School Gymnasium Field. Frank Thomas of the Berkeley Board of Education will supervise the project, which will give employment to one timekeeper and 16 laborers.

PROJECT APPROVED
OAKLAND, Alameda Co., Cal.—SERA has approved appropriation of $19,435 for painting, sizing, tinting school rooms, painting sash, doors, shops, and roofs at University High School, Technical High School, Lockwood Junnor High School and General Shops. Project will be supervised by A. Duncan of Oakland Board of Education and will employ 1 timekeeper and 26 laborers.

CONTRACT AWARDED
GARDENA, Los Angeles Co., Cal. —N. A. Anderson, 414 Rowan Bldg., awarded contract at $42,780 (using alternate bids 1, 2, 3, 4 and 5) by the Los Angeles board of education for the construction of a new school bldg. on the southwest corner of Denker Ave. and Market St., Gardena.

CONTRACT AWARDED
LOS ANGELES, Cal.—Harold Hansen, 1185 N. Flores St., awarded contract at $79,869 by Los Angeles board of education for construtcion of three frame and stucco school buildings at the Western Ave. school site, 1724 W. 53rd St. Myron Hunt and H. C. Chambers, 408 S. Spring St., architects, and Clyde C. Deuel, 465 Douglas Bldg. structural engineer. x

CONTRACT AWARDED
LOS ANGELES, Calif. — Monolith Const. Co., 1698½ Cordova St., awarded contract at $161,161 by Los Angeles board of education for reconstruction, rehabilitation and strengthening of the main and auditorium buildings, designated as group No. 1, at the Thomas A. Edison junior high school, located on Hooper Ave. between 64th and 67th Sts. Walker and Eisen, 708 Pacific Commerce Bldg., architect, and Murray Erick, 811 W. 7th St., structural engineer.

Plans Being Prepared.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
PWA has allotted $22,300 to the Arden Elementary School District as a loan and grant to finance construction.

BIDS WANTED
LONG BEACH, Calif.—Until March 6, 4 P. M., bids will be received by Long Beach board of education for construction of Units A and B at the John Dewey junior high school site.
Victor Shepherd, architect and V. D. Hedden, 120 E. Third St., Long Beach, engineer.

LOW BIDDER.
LOS ANGELES, Cal.—Herbert M. Baruch Corp., 625 S. Olive St., submitted low bid at $205,492 to the Los Angeles board of education for reconstruction, strengthening and rehabilitation of the three-story, Class D, brick main building, south building, domestic building and shop building at the James A. Foshay junior high school, 3751 S. Harvard Blvd Samuel E. Lunden, 400 Rowan Bldg., architect, and Lawrence J. Waller, 257 S. Berendo St., structural engineer.

LOW BIDDER.
VAN NUYS, Los Angeles Co., Calif. —Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid at $23,494 to Los Angeles board of education for reconstruction, strengthening and rehabilitation of the annex building at the Van Nuys elementary school, 6464

Sylmar Ave., Van Nuys. A. S. Nlbecker, Jr., architect, and Wm. D Coffey, structural engineer

BIDS WANTED.

LOS ANGELES, Cal — Until March 6, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the main building, less the third story, at the Ford Blvd. school, located on the north side of 9th St. between Ford Blvd. and Duncan Ave. H. S. Johnson, 1001 Architects' Bldg., architect, and Ralph E. Marvin, structural engineer.

Plans Being Figured — Bids Close March 4, 8 P. M.

SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Calif.
One-story frame and stucco elementary school (Crocker Elementary School) six classrooms, principal's office, lunchroom, etc.; probably tile roof.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans and specifications may be obtained from the architect and from the clerk of the district upon deposit of $50.

Plans Being Figured — Bids Close March 4, 8 P. M.

SCHOOL Cost, $35,000
DALY CITY, San Mateo Co., Calif.
One-story frame and stucco grammar school (8 classrooms, principal's office, lunchroom, etc.;) probably tile roof (Woodrow Grammor School).
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans and specifications may be obtained from the architect and from the clerk of the district upon deposit of $50.

New Bids Wanted—To Close March 7, ... 8 P. M.

SCHOOL Cost, $60,000
HEALDSBURG, Sonoma Co., Calif.
One- and two-story wing addition to high school; reinforced concrete (structural steel frame) composition roofing, steam heating system, maple floors etc.; gymnasium music department, 3 classrooms, alterations, etc.
Owner—Healdsburg High School Dist
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
On previous bid opening lowest bid was submitted by George Petersen, 1841 Bancroft Ave., San Leondro, at $67,990. Complete bids published Jan. 11. Plans and specifications may be obtained from the architect and from the Clerk of the Board upon deposit of $20 for the plans.

LOW BIDDERS

LOS ANGELES, Cal. — Sarver & Zoss, 1015 W 4th St., submitted low bid at $181,400 to Los Angeles Board of Education, for construction of a new two-story and basement, Class A reinforced concrete school building at the Hollywood high school. Marsh, Smith & Powell, 516 Architects Bldg., Architects.

PROJECT APPROVED.

MANTECA, San Joaquin Co., Calif. —SERA has approved a supplemental appropriation of $10,170 for the improvement of the grounds of the Manteca Union High School. The work will consist of the construction of bleachers on the athletic field, construction of wire fence, installing flood lighting circuit around football field, and other miscellaneous building repairs. The project will be supervised by C. H. Sawyer of the Manteca Union High School District and will employ one foreman and 76 laborers.

Sub-Contracts Awarded.

SCHOOL Cost Price, $148,676
SEBASTOPOL, Sonoma Co., Calif.
Two - story reinforced concrete high school building.
Owner—Analy Union High School Dist
Architects—Louis C. Stone and J. R. Howell, Humboldt Bank Bldg. San Francisco.
Structural Engineer — Norman Green, 55 New Montgomery Street, San Francisco.
Mechanical Engineer—Robert L. St. John Co., 544 Market Street, San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Excavation and Grading—Thomas J. Doyle, 1527 17th Ave., San Francisco.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Structural Steel—Minneapolis Steel & Machinery Co., Sharon Bldg., San Francisco.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Mastipave—L. S. Case Co., Seventh and Daggett Sts., San Francisco.
Finish Hardware—Baker Hamilton & Pacific, 700 7th St., San Francisco.
Sheet Metal—Morrison & Co., 74 Dubnce Ave., San Francisco.
Plumbing—Frank Davison, 65 Chesley St., San Francisco.
Steel Sash—Truseon Steel Co., 604 Mission St., San Francisco.
Painting—Jos. J. Burdon & Sons, 257 15th St., Richmond.
Mill Work—National Mill & Lumber Co., 400 High St., Oakland.
Window Hardware—Dalmo Sales Corporation, 511 Harrison Street, San Francisco.
As previously reported, electrical contract awarded to Matson-Seabrooke Co., 4115 Broadway, Oakland, and the heating contract to Carpenter & Mendenhall, 907 Front St., Sacramento, at $21,267.

COMMISSIONED TO PREPARE PLANS

POMONA, Los Angeles Co., Cal.—Architects Marston & Marybury, 25 S. Euclid Ave., Pasadena, have been commissioned by Pomona Board of Education to prepare plans for a building at the Garey School site. The structure will contain eleven classrooms, and auditorium to seat 300, cafeteria and offices. $35,000 available for work.

FUNDS ALLOTTED

LONG BEACH, Los Angeles Co., Cal.—Secretary Ickes this week allotted approx. $1,000,000 for earthquake repairs to the following Long Beach schools. Loan and grant of $135,000 to replace the Luther Burbank school building and $97,000 to replace the Abraham Lincoln school building; a loan and grant of $111,000 for construction of three academic buildings and cafeteria building and alterations to the auditorium at the John C. Fremont school plant; a loan and grant of $149,800 to replace the John G. Whittier school building; a loan and grant of $130,000 to replace the Roosevelt school plant; a loan and grant of $143,000 to replace the Temple school plant; a loan and grant of $110,000 for strengthening the Longfellow school; a loan and grant of $115,110 to replace the Thomas A. Edison school plant.

Plans Being Prepared.

SHOP Cost, $3,000
FRESNO, Fresno Co., Calif Eighth Street and Ventura Avenue.
Construct new city schools' shop.
Owner—Fresno School District
Architect—Ernest J Kump, Rowell Bldg., Fresno.
Present shop on Sixth and Grant Ave. will be razed and salvaged materials and SERA labor will be used

BOND ELECTION.

KINGSBURG, Fresno Co., Calif—Kingsburg Joint Union High School District trustees have set March 29 as the date for an election on a proposal to issue bonds for erecting and equipping a gymnasium. J. F. Pierce, school principal, designated to obtain estimates of cost, which will be approximately $40,000.

FUNDS GRANTED.

SANDY, Clackamas Co., Ore.—The Federal Public Works Administration has allocated a grant of $16,100 for the construction of a high school at Sandy. Architect F. Marion Stokes, Terminal Sales Bldg., Portland, prepared the plans.

BOND ELECTION PLANNED

SAN RAFAEL, Marin Co., Cal.—San Rafael Board of Education is considering including a bond issue on the municipal ballot on April 8 to finance construction of a new school building in San Rafael. Amount of election not determined. Further details will be announced shortly.

Contract Awarded

ALTERATIONS, ETC. Cost, $34,023
EMERYVILLE, Alameda Co., Cal.
Reconstruction and recondition of Emeryville High School gymnasium.
Owner—Emeryville City School Dist.
Plans by Chas. Hess, 1242 Hawthorne St., Alameda.
Mechanical Engineer — Walter Nottingham, City Hall, Emeryville.
Plumbing and Piping Materials—Crane Co., 346 9th St., Oakland and Walworth Lally Co., 2635 Peralta St., Oakland.
Lumber—Chas. Lamb, 1440 Park Ave. Oakland.
Electrical Supplies — Electrical Corp. Co., 178 10th St., Oakland.

Plans Being Figured — Bids Close March 4, 8 P. M.

SCHOOL Cost $35,000
DALY CITY, San Mateo Co., Calif.
One-story frame and stucco elementary school (six classrooms, principal's office, lunchroom, etc.); probably tile roof (Jefferson Elementary School).
Owner—Jefferson School District(W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Plans and specifications may be obtained from the architect and from the clerk of the district upon deposit of $50.

16— BANKS, STORES AND OFFICES

To Ask Bids In One Week.

ALTER STORE Cost, $——
SALINAS, Monterey Co., Cal. Main Street.
Alterations to store bldg. (new store front, plate glass, bars, steel girders, vitrolite, etc.)
Owner—Jensen Furniture Co., Salinas
Architect—Charles Butner, 51 Maple Street, Salinas.
Bids will be asked in one week from a selected list of contractors.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. 22 Montgomery.
Alterations to offices.
Owner—Wells Fargo Bank & Union Trust Co., Montgomery and Market Streets.
Architect—Not Given.
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg.

Contract Awarded.
STORE Cost, $5000
SAN FRANCISCO. S Bush 165 West Leavenworth Street.
One-story Class C reinforced concrete store building (27.6x80 feet) flat roof, etc.
Owner—Chas. H. Bain, 2401 Jackson.
Architect — Ed. Musson Sharpe, 525 Market Street.
Contractor—Floyd H. Steele, 2401 Jackson Street.

COMMISSIONED TO PREPARE PLANS

SANTA BARBARA, Cal.—Architect Winsor Soule, 116 E. Sola St., Santa Barbara, has been commissioned by the Santa Barbara county supervisors to prepare plans for remodeling the veterans' Memorial building (the former Ambasador ballroom) on W. Cabrillo Blvd., Santa Barbara. Estimated cost, $10,000.

Plans Being Prepared.
ALTER BLDG. Cost, $30,000
SEATTLE, Wash. Fairview N. and Roy Streets.
Alterations to business building.
Owner—W. P. Fuller & Co., 301 Mission St., San Francisco.
Architect—John Graham, Dexter Horton Bldg., Seattle, Wash.
George W. Feldmann is resident manager for the W. P. Fuller Co.

Contract Awarded.
ADDITION Cost, $4875
OAKLAND, Alameda Co., Cal. No. 1126 13th Avenue.
One-story brick addition to building.
Owner — C. S. McDaniel, Claremont Press.
Architect—Not Given.
Contractor—F. J. Wallace, 907 Washington St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. 280 Post Street.
Alterations to store building.
Owner—Walter H. Sullivan, Inc., Alexander Building.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded.
ALTERATIONS Cost, $6,000
SAN JOSE, Santa Clara Co., Cal. 220 South First Street.
Alterations to business building.
Owner—H. B. Martin, 301 S. Fifth St., San Jose.
Architect—Not Given.
Contractor—H. A. Bridges, 1398 Lincoln St., San Jose.

Contract Awarded.
STORE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Third Street.
One-story reinforced concrete store building (2 stores) 50x70 ft.; composition and tile roof, oak floors.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.
Excavation and concrete—Louis Sartorio, 2627 Lombard St., S. F.

Contract Awarded.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 17th Street and Broadway.
Recondition two offices in the Great Western Power Building.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—George Maurer, 50 York Drive, Oakland.

Contract Awarded.
ALTER STORE Cost, $3,000
STOCKTON, San Joaquin Co., Calif. 2312-14 Pacific Street.
Alterations to store building.
Owner—A. Leoni, premises.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Mission St., bet. Second and New Montgomery.
Alterations to office building.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect—Willis Polk Co., 277 Pine St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $1735
SAN FRANCISCO. No. 316 Post St.
Alterations to store (work involves painting, finishing, tinting, etc.)
Owner—Pacific States Savings & Loan Assn., 745 Market St., S. F.
Architect—Not Given.
Contractor — Seymour Showcase & Fixture Co., 604 Mission St., S. F.
Electric—Chas. Langlais, 472 Tehama Street.
Plumbing—W. E. Trousdale, 422 Turk Street.
Lumber—West Coast Lumber Co., 740 Brannan St.
Clearing—Sibley Grading & Teaming Co., 165 Landers St.
Glass and Sash Bars—Progress Glass Co., 1622 Folsom St.

ALTERATIONS Cost, $4575
SAN FRANCISCO. No. 757-759 Market Street.
Alterations and additions to store (new store front, interior alterations, plumbing, electrical work, mill work, pastering, vestibule flooring, plate glass, white metal work, hardware, painting, sanding floors, electric reflectors, skylights, etc.
Owner—Vera Duminy.
Architect—Not Given.
Contractor — Seymour Showcase & Fixture Corp., 604 Mission St.
Lumber—West Coast Lumber Co., 748 Brannan Street.
Terrazzo—California Terrazzo Marble Co., 2985 San Bruno Ave.
Plumbing—W. E. Trousdale, 422 Turk Street.
Electric—Chas. Langlais, 472 Tehama Street.
Ornamental White Metal — National Ornamental Iron & Bronze Co., 70 Chesley St.
Clearing—Sibley Grading & Teaming Co., -165 Landers St.
Glass and Cash Bars—Progress Glass Co., 1622 Folsom St., San Francisco.

Construction Under Way.
ALTER CLUB Cost, $100,000
SAN FRANCISCO. No. 168 O'Farrell Street.
Alterations and additions to club (work includes electrical work, plumbing, painting and decorating, new sign, etc.)
Owner — Club Deauville (Frank DeGoff, Manager).
Architect — Frederick Quandt, 2800 Filbert St., San Francisco.
Electric — Aetna Electric Co., 1435 Eddy St.
Plumbing—J. Gibbs Sons, 1706 Geary
Decorating—A. C. Wocker, 1370 Sutter St.
Sign — Brumfield Electric Sign Co., 965 Folsom St.

Plans Being Figured.
OFFICE BLDG. Cost, $——
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One-story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect — Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded.
STORE Cost, $1400
SAN FRANCISCO. Geary St. and Van Ness Avenue.
Alterations to store building.
Owner—Arthur Lindburg, % Contractor.
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick St., San Francisco.

Plans Being Figured—Bids Close Mar. 3rd.
BANK BLDG. Cost, $——
SANTA BARBARA, Santa Barbara Co., Cal. NE State St. and Canon Presidio.
One-story, basement and mezzanine floor reinforced concrete bank building (62x125 feet), limestone, terra cotta and granite exterior, tile and composition roof; metal windows, hot air gas furnaces; marble or terrazzo floors, bronze and marble counter screens, some linoleum and rubber tile floors, bank fixtures, etc.
Owner—Bank of America.
Plans by Architectural Dept. of Owner, 625 Market St., San Francisco.
Bids are being taken for a general contract with separate bids for bank fixtures, exterior facing and heating and ventilating system.
Following have procured plans:
Larsen & Larsen, 629 Bryant St., San Francisco.
H. H. Larsen, 64 South Park, San Francisco.
Fisher & McNulty, Mattie Bldg., Fresno

Contract Awarded.
ALTERATIONS Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 471 E-Santa Clara St.
Alterations to store and residence.
Owner—Roger Darling, Berryessa Rd. San Jose.
Architect—Not Given.
Contractor — Wm. H. Schwartz, 521 S-Eighth St., San Jose.

To Ask Bids Shortly.
ALTERATIONS Cost, $——
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Alterations to Mattel Building (work includes air conditioning system, to all offices; repainting corridors; elevator alterations, new elevator fronts, steam cleaning, new corridor lighting system, cork and tile elevator mats, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Capital Co., 625 Market St., S. F.

18—WHARVES & DOCKS

BIDS WANTED.

SAN DIEGO, Cal.—Olmstead Bldg. Co., 1847 Hancock St., San Diego, at $895 submitted low bid and recommended for award of contract for dock repairs at Headquarters, 11th Naval District, San Diego.
The work consists of:

(a) The cutting and removal of tow openings opposite hand, in the wood deck at the outboard end of the cradle, between panels 27 and 28;

(b) The removal and reinstallation of two present structural channels (mark D13It and L).

(c) The provision and installation of new structural channels and angles to support the new wood depressed floor at each of the openings;

(d) The provision and installation of wood nailers, depressed deck plank, wood covers for openings and including lifting and locking appurtenances for the covers.

The other bids were:

Standard Iron Works	$468.50
Acme Iron Works	520.00
W. B. Melhorn	534.00

PROJECT APPROVED.

SANTA CRUZ COUNTY, Cal.—S E R A has approved supplemental appropriation of $2,610 for re-decking the municipal wharf at Santa Cruz, involving laying an additional 47,000 ft. of new Oregon pine decking and stringers, removing and installing about 40,000 bd. ft. of existing decking and stringers. Project will be supervised by D. M. McPhetres and will employ 20 laborers.

Plans Being Figured—Bids Close Feb. 25, 2 P. M.

REPAIRS Cost, $——

OAKLAND, Alameda Co., Cal. Howard Terminal.

Repairs to Howard Terminal Pier.

Owner — Howard Terminal, Market St., Oakland.

Architect—Reed & Corlett, 1801 Bank of America Bldg., Oakland.

Bids will be received by the Architect.

BIDS WANTED.

SAN DIEGO, Cal.—Until March 5, 11 A. M., bids will be received by the Public Works Office, 11th Naval District, foot of Broadway, San Diego, for repairs to fender system, Station Pier, at the Naval Operating Base, (Fuel Depot), San Diego.

The work consists of removal of 20 existing damaged fender piles and broken fender pile stubs of the main pier and provision and installation of 20 new creosoted fender piles to replace ones removed; unwrapping of existing 19-pile dolphin and removal of four existing broken piles and installation of four new creosoted piles to replace those removed; rewrapping dolphin; removal of existing broken stubs of removed 13-pile dolphin and provision of a new 19-pile dolphin to replace one removed; new timbers for wales and chocks, new bolts, washers, lag screws; spikes, etc.

Plans and pecification may be obtained from above office and from the Chief of the Bureau of Yards & Docks Navy Dept., Washington, D. C., upon deposit of $10.00.

To Ask Bids Within Ten Days.

YACHT HARBOR Cost, $360,000

SAUSALITO, Marin Co., Calif.

Yacht harbor.

Owner—Golden Gate Yacht Harbor, Ltd. (Albert von der Werth, president), 800 Mills Bldg., San Francisco.

Architect—Willis Polk Co., 277 Pine St., San Francisco.

19—MISC. CONSTRUCTION

Leaded Glass Contract Awarded.

MAUSOLEUM AND CHAPEL Contract Price, $184,721

WOODLAWN, San Mateo Co., Calif. Woodlawn Cemetery.

Reinforced concrete mausoleum with marble and bronze interior and concrete and granite chapel.

Owner—Masonic Cemetery Assn.

Architect—W. G. Merchant; Mayheck & White, Associated, Russ Bldg., San Francisco.

Contractor—H H. Larson, 64 South Park, San Francisco.

Leaded Glass—Harold Cummings, 220 Turk St., San Francisco, $6,000.

Other awards reported Nov 26.

PROJECT APPROVED

GOVERNMENT ISLAND, Cal.—SERA has approved a supplemental appropriation of $6882 for providing additional work on the Government Island Project: loading and hauling 1200 cu. yds. of loam for parade grounds and painting of additional building interiors. A. B. Brown of the Bureau of Public Roads will supervise the project which will employ one timekeeper and 49 laborers.

February 21, 1935

PROJECT APPROVED

SAN MARINO, Los Angeles Co., Cal.—SERA has approved appropriation of $17,766 for demolishing certian portions of gymnasium building, cutting 4-in. off of exterior walls, reinforcing and gunniting the area, and erecting a new building to be known as the Music and Art Building, 1700 Huntington Drive, San Marino. W. A. Pearson of the San Marino School District will supervise the project which will employ one timekeeper and 65 laborers.

PLANNED.

SPOKANE, Wash.—Plans are being prepared by a group of volunteer local architects for a city-owned commercial airplane hangar at Felts Field in preparation for listing for PWA assistance. Hangar will have a 3000-ft. frontage, 100-ft. depth and door openings 200-ft. wide. Eustace LeMaster, chairman of the aviation committee of Spokane Chamber of Commerce, is sponsor of the project.

PROJECT APPROVED.

SAN FRANCISCO.—SERA has approved a supplemental appropriation of $5,805 for partitions, counters, shelving, ventilation, electric wiring, electric fixtures, window shades, etc., at 450 Mission St. One foreman and 25 laborers will be employed.

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $5886 submitted low bid to the Modesto Irrigation District, C. S. Abbott, Secretary, on Item 4 for the labor, installation and construction of a second circuit on the present towers of the Modesto-Don Pedro Electric Transmission Line, located between Modesto and Don Pedro. Complete bids follow:

E. C. Nickel, Los Angeles	$ 5,886
A. Soda & Son, Oakland	8,888
T. L. Rosenberg, Oakland	9,281
Bennett & Taylor, Los Angeles	9,432
H. S. Tittle Co., S. F.	9,857
G. H. Armstrong, S. F.	10,354
D. E. Manning, S. F.	11,460

Recommendation on award of contract will be made to the PWA on Monday, February 18.

PROJECT APPROVED.

WATSONVILLE, Santa Cruz Co., Cal.—SERA has approved appropriation of $3,220 for the construction of a camp consisting of ten buildings, installing water system, wiring all buildings for electric lights, painting the exterior of all buildings and interior of mess hall of kitchen and hospital. Grizzly Flat State Camp, Watsonville. H. H. Clark of the SERA Transient Division will supervise construction, which will employ 20 laborers.

PROJECT APPROVED

SAN DIEGO, Cal.—SERA has approved appropriation of $45,406 for landing field improvement at the U. S. Naval Air Station, San Diego. E D. Grafin of the U. S. Naval Air Station will supervise the project which involves repairs to landing field, construction of concrete storm drains, and painting 42 buildings on North Island, etc., and will give employment to 118 laborers.

NOTICE OF SALE.

SAN FRANCISCO.—The Director of Property will sell at public auction to highest bidders, the house located at 1471 York Street, San Francisco, on February 26, 9 A. M. The purchaser shall remove building, foundations and other materials 30 days from date of sale.

Contract Awarded.

ALTERATIONS Cost, $——

ARCATA, Humboldt Co., Cal. No. 1070 H Street.

Alterations to funeral parlors (flat roof, stucco finish, add porch, etc.)

Owner—Devlin Funeral Home, Prem.

Architect—Not Given.

Contractor — George Hugnin, 1565 I St., Arcata.

PROJECT APPROVED.

STOCKTON, San Joaquin Co., Cal.—SERA has approved appropriation of $10,200 for the production of baked clay roof tile for use in construction of buildings at the Agricultural Park, San Joaquin County Fair Grounds at Stockton. A. E. Mahoney and C. H. Sawyer will supervise the project, which will give employment to three foremen and 64 laborers.

PROJECT APPROVED.

STOCKTON, San Joaquin Co., Cal.—SERA has approved appropriation of $16,881 for construction of an adobe horse barn at the San Joaquin County Fair Grounds, Stockton. C. H. Sawyer will supervise the project which will employ three foremen and 47 laborers.

PROJECT APPROVED.

ALAMEDA, Alameda Co., Calif.—SERA has approved appropriation of $6,070 for construction of building attendants' house, implement shed, lavatory, gas lines, etc., at the Fairmont Hospital, Alameda County. The project will be supervised by A. C. Jensen and will employ one timekeeper and 26 laborers.

Plans Being Figured.

MILL Cost, $——

RANDSBURG, Kern Co., Cal. Yellow Aster Mine.

Construct cyaniding plant at mine (capacity of 200 tons or ore per day).

Owner—Anglo-American Mining Corp. Ltd., Mills Bldg., San Francisco (Mr. Brown in charge).

Engineers—Hamilton Beauchamp and Woodworth, Inc., 564 Market St., San Francisco.

BONDS VOTED

HAYWARD, Alameda Co., Cal.—City of Hayward voted bonds in the amount of $57,000 February 18. Proceeds to finance construction of a reinforced concrete natatorium in Hayward Memorial Park. James Narbett, 474 31st St., Richmond, Architect.

The PWA is making an outright grant of $15,000. Further details will be announced shortly.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until February 25, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 2019: Fob bidder's shipping point and/or San Diego: 6 suction and discharge pressure pumps;

BID NO. 2026: Fob Government Island: 10 air rock drills, 51 to 60-lb. weight, complete.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until February 25, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 2001: Fob bidder's shipping point and/or San Diego: (1) 1000 ft. copper wire, No. 12 S B R C Duplex; (2) 2000 ft. copper wire No. 12 SBRC single; (3) 300 ft pipe conduit, 1-in. galv., "X duct"; (4) 100 ft. non-metallic flexible, 7/32-in. conduit; (5) 36 telephone batterles dry cell; (6) 500 ½-in. insulated staples;

BID NO. 2003: Fob bidder's shipping point and/or Oroville; (1) 36 vacuum arrestors; (2) 36 box connectors; (3) 12 WBG fuses; (4) 500 square washers; (5) 24 ground rod clamps; (6) 12 fuse boxes, complete.

BID NO. 2018: Fob bidder's shipping point and/or San Diego: 900 ft. ¾-in. internal diameter water hose;

BID NO. 2020: Fob bidder's shipping point and/or Los Angeles; (1) 850 ft. CMP culvert; (2) 19 band couplings;

BID NO. 2021: Fob East Bay shipping point of bidder: (1) 1602 ft. CMP culvert; (2) 30 band couplings;

BID NO. 2022: Fob bidder's shipping point and/or Yreka; 200 ft. hydraulic hose, rubber tube, rubber cover, 1-in. 2-ply braided wire high pressure;

BID NO. 2023: Fob bidder's shipping point and/or Santa Susana: (1) 1,200 carriage bolts; (2) 200 stove bolts; (3) 700 cap screws; (4) 300 plain nuts; (5) 500 lock washers; (6) 600 flat washers;

BID NO. 2025: Fob East Bay shipping point of bidder: (1) 2340 ft. CMP culvert; (2) 174 band couplings.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until February 26, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID No. 2024, f.o.b. bidder's shipping point and/or Government Island: (1) 100 lineman's splicing clamps.

BID No. 2031, f.o.b. bidder's shipping point and/or Redding: (1) 69 pcs. flat galvanized steel.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until Februray 27, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID No. 2014, f.o.b. Government Island: (1) 250 night latches, automatic deadlocking iron case.

BID No. 2028, f.o.b. Government Island (all-rail shipments): (1) 160 miles No. 9 BWG galvanized iron telephone wire.

BID No. 2032 f.o.b. bidder's shipping point and/or via all rail and/or water-rail shipment f.o.b Mt. Shasta: (1) 150 miles hard-drawn, bare copper wire, 0.128" diam.

BID No. 2033, f.o.b. all rail shipments, Oakland: (1) 350 miles No. 12 AWG copper-covered steel telephone line wire, 40% conductivity; (2)1100 lbs. No. 12 AWG dead soft annealed copper-covered steel wire, for tie wires.

Specifications obtainable from the above office.

STANISLAUS COUNTY

MODESTO, Stanislaus Co., Calif.—Until March 5, 10 A. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for furnishing 3,600 barrels of cement in paper bags, to be delivered at warehouse on county road one-half mile north of La Grange, Stanislaus County.

Specifications obtainable from above office.

TUOLUMNE COUNTY

TUOLUMNE COUNTY, Cal.—Until March 5, 2 P. M., bids will be received by the Tuolumne County Board of Supervisors, C. A. Dambacher, Clerk, for furnishing fuel oil for the Court House and County Hospitals for the remainder of the year 1935.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until March 4, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3033, for furnishing:

(1) 900,000 gals. gasoline, U. S. Govt. motor grade;
(2) 200,000 gals. ethyl gasoline;
(3) 500,000 gals. kerosene.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

SHAPES, steel; East & West Yards. Sch. 4389; February 26.

BOLTS, barrel, brackets, curtain rods, catches, etc.; East & West Yards Sch. 4275; February 26.

FANS, centrifugal ventilating fans, and spares; Mare Island. Sch. 4301; March 1.

TACHOMETERS, 24 vibrating reed-type; East and West Yards. Sch. 4347; March 1.

VALVES, 300 cylinder; Mare Island Island. Sch. 4343; March 1.

PUMPS, portable, electric and spares; 2, Mare Island; 4 Puget Sound. Sch. 4309; March 5.

SEWING MACHINES, 5 motor-driven Mare Island. Sch. 4326; March 5.

GOLD LEAF, 40 packs; Mare Island. Sch. 4342; March 5.

FORGINGS, steel, rough machined; East and West Yards. Sch. 4321; March 8.

EXCELSIOR, 48,000 lbs.; Mare Island Sch. 4352; March 8.

FLASKS, 18 torpedo; Mare Island. Sch. 4351; March 8.

CABLE, cord and wire, electric; East and West Yards. Sch. 4348; Mar. 8.

BATTERIES, 16,000 dry and 110,000 flashlight; East and West Yards Sch. 4354; March 12.

KEROSENE; East and West Yards. Sch. 4356; March 12.

Specifications obtainable from above office.

WAR DEPARTMENT

FORT MASON, San Francisco.—Until February 25, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under R.M. 194, Memo 5885, for furnishing:

(1) 77,200 tent lines;
(2) 11,500 door fasteners;
(3) 10,000 4-in. long footstops;
(4) 10 gross brass tent grommet;
(5) 2,000 cans liquid cement;
(6) 2,000 lbs. ⅜-in. dia. Manila rope.

Specifications obtainable from above office.

FORT MASON, San Francisco.—Until March 4, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. GM 671-118-35, Memo 5873, for furnishing:

(1) 64,000 ft. solid copper single conductor wire;
(2) 20,000 ft. No. 18 B & S gauge lamp cord;
(3) 800 lampholder sockets, medium base;
(4) 3,300 ft. wrought - iron, welded, galvanized pipe;
(5) 5,650 gallons ready mixed paint;
(6) 2,500 gals. paint thinner;
(7) 400 gals. paint and varnish remover;
(8) 10,000 lbs. basic-carbonate white lead;
(9) 1,500 lbs. American process zinc-oxide.

The materials are for trans-shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above office

CANAL ZONE

PANAMA CANAL ZONE — Until February 25, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3032, for furnishing miscellaneous supplies and equipment, including:

Corrugated roofing and ridge roll, fencing material, grinding machine, pipe fittings, pipe hangers, centrifugal fan, light globes, snap switches, lamp cord, insulating fiber, bolts, cocks, step ladders, paint cans, paint ingredients, gold bronze, coal tar pitch, black ship glue, boiler compound and white manifold paper.

Specifications obtainable from above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

11.—Bridges
12.—Dredging, Harbor Works, Excava.
13.—Irrigation Proj.
14.—El. Light. Systems
15.—Machinery and Equipment
16.—Railroads
17.—Fire Alarm Sys.
18.—Fire Equipment
19.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

CLACKMAS COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland for the construction of a concrete bridge over Milk Creek on the Cascade Secondary Highway at Mulino, Clackamas County; U.S.P.W. Project No. NRS 242.

The work involves approximately 310 cu. yds. excavation; 516 cu. yds. concrete; 96,000 lbs. metal reinforcement; 416 lin. ft. concrete handrail, and the removal of the old bridge.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

UMATILLA COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for the construction of a concrete bridge over Umatilla River on the Old Oregon Trail in Pendleton, Umatilla County. U.S.P.W. Project No. NRM 38-C.

The work involves approximately 1100 cu. yds. excavation; 1260 cu. yds. concrete; 184,000 lbs. metal reinforcement, and 720 lin. ft. concrete handrail.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

WASCO COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for the construction of a concrete bridge over Mill Creek on the Columbia River in the City of The Dalles, Wasco Count. U.S.P.W. Project No. NRM 36-C.

The work involves approximately 240 cu. yds. excavation; 296 cu. yds. concrete; 51,000 lbs. metal reinforcement and 230 lin ft. concrete handrail.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

PERMIT ASKED

LOS ANGELES, Cal.—The Los Angeles County Board of Supervisors has instructed the County Council to make application to the State Railroad Commission for permit to construct a grade separation on Soledad Canyon over the Southern Pacific tracks. The cost is to be shared jointly by the county and Southern Pacific Railway.

BIDS WANTED

YAMHILL COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for the construction of a compoalte pile trestle over Chehalem Creek on the West Side Pacific Highway near the south city limits of Newberg, Yamhill County. U.S.P.W. Project No. NRH 52-A.

The work involves approx. 7300 lin. ft. treated piling; 335 MFBM treated lumber; 620 cu. yds. concrete; 140,000 lbs. metal reinforcement; 1635 lin. ft. composite baidrail, and removal of of bridge.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

WASHINGTON COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for the construction of two culverts over Cedar Creek on the Votaw Unit of the West Side Pacific Highway, approx. 5 miles east from Newberg, in Washington County. U.S.P.W. Project No. NRH 73.

The work involves approx. 280 cu. yds. excavation; 156 cu. yds. concrete 800 lin. ft. foundation piling and 15,200 lbs. metal reinforcement.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

PROJECT APPROVED.

KERN COUNTY, Calif.—SERA has approved appropriation of $20,832 for construction of drain ditches, shoulders, wing walls on bridges and culverts, placing culverts, and surfacing roads, in the Second Road District, Kern County. H. D. Pope will supervise the project which will employ 50 laborers. 21

BIDS OPENED.

GOVERNMENT ISLAND, Calif. — The following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 1977, for furnishing:

(1) one 70 ft. continuous beam span, including all structural steel, bolts for field connections, etc., for the North Fork Beach Creek Bridge, Redding.

(2) one 20-ft simple beam span, including all structural steel, bolts for field connections, etc., for the Weaverville Headquarters Bridge, Weaverville.

Herrick Iron Works, Oakland, (1) $664 (2) $284.

Minneapolis Steel & Machinery Co., Los Angeles, (1) $822; (2) $318

Moore Dry Dock Co., Oakland, (1) $698 (2) $295.

Western Iron Works, San Francisco, (1) $712; (2) $315.

Dyer Bros. Golden West Iron Works San Francisco, (1) $748; (2) $316

Pacific Coast Steel Corp., Alameda, (1) $613; (2) $250.

Golden Gate Iron Works, San Francisco, (1) $675; (2) $348.

Judson Pacific Co., San Francisco, (1) $651; (2) $251.

Schrader Iron Works, San Francisco, (1) $795; (2) $330.

Independent Iron Works, Oakland, (1) $656; (2) $298.

Bids held under advisement.

CONTRACT AWARDED

LAKE COUNTY, Cal.—C. S. Good, Lakeport, at $2,133 submitted low bid and awarded contract by the Lake County Board of Supervisors, Lakeport, W. M. Patterson, County Clerk, February 13, for the repair of the Rodman Bridge situated on the Lucern Cut-off.

Complete bids follow:

C. S. Good, Lakeport	$2,133.00
C. E. Black, Lakeport	2,332.22
A. T. Howe, Santa Rosa	2,847.68
M. A. Jenkins, Sacramento	3,246.50

GRAND COULEE DAM, Wash. — The United States Fidelity and Guaranty Company is now supervising the construction of two piers for the cantilever bridge, ¼ mile below the Grand Coulee Dam site. This firm is the bonding company for the Western Construction Co. who were originally awarded the contract, but who are now seven months behind schedule. H. C. LaVilla is the job superintendent.

CONTRACT AWARDED

FRESNO COUNTY, Cal.—Rexroth & Rexroth, 2110-C, Sta. A, Bakersfield, at $5488, (second low bidder) awarded contract by the State Highway Commission, Sacramento, for the removal and disposal of an existing bridge and the construction of a new bridge consisting of four 19-ft. timber stringer spans, about 1.6 miles south of the westerly county boundary of Fresno County.

CONTRACT AWARDED

MONTEREY COUNTY Cal.—Thos J. Doyle, 1527 17th Ave. and Theodore Johanns, 2020 15th St., San Francisco, at $23,737 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across Malpaso Creek, 9 miles south of Monterey, consisting of one 117-ft. open spandrel arch span and six 13-ft. 10-in. approach sans.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until March 12, bids will be received by the Humboldt County Board of Supervisors for the construction of a bridge near Bridgeville on the Iaqua

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Road. Estimated cost $1600.
Specifications obtainable from above office. 1

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until March 6, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., 217 W. First St., Los Angeles, for extending a reinforced concrete culvert near Cascades, about 4.25 miles northwest of San Fernando. The work involves:
(1) 70 lin. ft. temporary timber guard rail, in place;
(2) 1600 cu. yds. structure excavation
(3) 110 cu. yds. concrete to be removed and disposed of;
(4) 188 lin. ft. 78-in. CMP to be removed;
(5) 345 cu. yds. Class A Portland cement concrete in place;
(6) 62,000 lbs. bar reinforcing steel in place;
(7) 16 lin. ft. 18-in. CMP in place.
Plans and specifications obtainable from above office.

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until March 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of an underground crossing under the tracks of the Atchison, Topeka and Santa Fe Railway at Fresno Avenue near the City of Stockton, San Joaquin County, consisting of one 26-ft. 8-in. steel stringer span with timber deck on concrete abutments with wing walls. The work involves:
(1) 2200 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(2) 60 each driving creosoted Douglas fir piles, including test piles;
(3) 1300 cu. yds. excav., unclass;
(4) 205 cu. yds. Class A Portland cement concrete;
(5) 12,000 lbs. bar reinforcing steel;
(6) 27,000 lbs. structural steel;
(7) 3 m. ft. board measure creosoted Douglas fir timber;
(8) 1 lot miscellaneous items of work.
Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated. *

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED

SAN FRANCISCO.—Dutton Dredge Co., Ltd., 690 Mills Bldg., San Francisco, at $770 awarded contract by the Public Utilities Commission, City Hall, under Airport Contract No. 35, for dredging channel for levee for extension of landing field at the San Francisco Airport, involving approximately 7,000 c.y. channel dredging.

AWARD AUTHORIZED.

MARTINEZ, Contra Costa Co., Cal.—The PWA has authorized the Martinez City Council to award a contract to Duncanson & Harrelson, 1405 deYoung Bldg., San Francisco, at $45-017 for the construction of a new municipal yacht harbor, including approach trestle 850 ft. in length; wharf 250x40 ft.; wood construction, creosoted piling, boat landing facilities, etc.

The award is based on the following items:

Item (1) $33,663.00, the following deductions having been made from the original bid of $37,612 for the work complete: Item 4, $600; Item 5, $120; Item 6, $1,394; Item 8, $560; a total deduction of $2,674.

The following negotiated deductions were made: electric hoist, $800; electric lights and poles, $360; water line and connections, $115; total $1,275.

Item (3) addition of $11,334 for navy targets, bring the total proposal to $45,017.

PROJECT APPROVED.

LINDSAY, Tulare Co., Cal.—SERA has approved appropriation of $9,776 for High Line Bench Canal improvements, Lindsay. The project consists of excavating the upper side of canal for a distance of six miles, etc., and will be supervised by Geo. Trauger of the Lindsay Strathmore Irrigation District. Three foremen and 97 laborers will be employed.

CONTEMPLATED

PORTLAND, Oregon—Harry Hopkins, FERA Administrator, Washington, D. C., will furnish labor, fuel and certain supplies and the Port of Portland Commission will provide the dredge for dredging Willamette Channel. Approximately $250,000 will be spent on the project.

Bert E. Haney is chairman of the Port of Portland and James H. Polhemus is Port Engineer.

BIDS WANTED.

MODESTO, Stanislaus Co., Calif.—Until March 5, 10 A. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for the repair of old lining by guniting in the Main Canal of the Modesto Irrigation District.

Certified or cashier's check, 5%.

Plans and specifications obtainable from the above office.

NEW BIDS ASKED.

SAN FRANCISCO.—Until Feb. 27, 2:30 P. M., new bids will be received by the Department of Public Works, City Hall, under Spec. No. 18840, for the removal of a landslide on Bay Shore Blvd. approximately 100 feet northerly from Hester Avenue, involving the removal of approximately 700 c.y. of material.

All bids received February 6 were rejected.

Estimated cost $810.00. Plans and specifications are obtainable from City Engineer John J. Casey, Room 353, City Hall, upon deposit of $10.

23— IRRIGATION PROJ.

TO ASK FUNDS

LA VERNE, Los Angeles Co., Cal.—Irrigation companies of La Verne, San Dimas and Claremonnt are organizing to apply to the PWA for $850,000 to finance the construction of a pipe line to transport reclaimed sewage effluent from Pasadena to water 10,000 acres of land between Glendora on the west and Claremont on the east. The committe in charge of the organization of the proposed company are: Ralph Shoemaker, Claremont; R. L. Davis, La Verne; H. S. Gilman, San Dimas and Bert Warren, Glendora.

PROJECT APPROVED

LEMOORE, Kings Co., Cal.—SERA has approved appropriation of $15,990 for cleaning and repairing canals of the Lemoore Irrigation District in the northwest part of Kings County. J. B. Benedict of the Lemoore Irrigation District will supervise the project which will give employment to 106 laborers, including supervision.

CONTRACT AWARDED.

NOGALES, Ariz.—H. J. Karns, Nogales, awarded contract by the International Boundary Commission, El Paso, at approximately $40,000 for constructing the second unit of the Nogales Flood Control project. The work provides for the construction of concrete walls and flooring in the Grand Avenue arroyo. 3

PROJECT APPROVED

CORRALITOS, Santa Cruz Co., Cal.—SERA has approved appropriation of $4280 for construction of a masonry flume 600 feet long at Corralitos. County Engineer Lloyd Bowman will supervise the project which will employ 26 laborers.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

SAN DIEGO, Cal.—W. H. Rumble, 6507 Haas Ave., Los Angeles, at $44,970 awarded contract by San Diego City Council for furnishing and installing an ornamental lighting system on Atlantic street between Barnet avenue and Witherly street, and portions of Barnett Ave., Subway St., Sassafras St., Palm St. and other streets, involving 186 Union Metal standards.

25—MACHINERY AND EQUIPMENT

COMPLETE BID LISTING.

MARE ISLAND, Cal.—Star Iron & Steel Co., 435 E 11th St., Tacoma, at $75,300, as previously reported, submitted low bid to the Bureau of Yards & Docks, Navy Department, Washington, D. C., February 13, under Spec. No. 7855, for one 40-ton outdoor electric gantry crane and runway at Mare Island Navy Yard.

Complete bids follow:

Star Iron & Steel Co., Tacoma	$75,300
R. W. Kaltenbach Corp., Bedford, Ohio	87,000
Lakeside Bridge & Steel Co., Milwaukee, Wis.	88,729
Judson Pacific Co., S. F.	89,400
Herrick Iron Works, Oakland	93,880
Cleveland Crane & Engr. Co., Wickliffe, Ohio	95,673
Harnischfeger Corp., Milwaukee, Wis.	103,745
Dravo Contr. Co., Pittsburgh	111,300

Bids held under advisement.

BIDS OPENED.

SANTA CRUZ COUNTY, Cal.—Following bids received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco February 15, for the rental of three pneumatic tired trucks, chassis wt. not less than 8,000 lbs., body capacity not less than 5 c.y., for approximately 1500 hours, to be used in Santa Cruz County: (1) hand loading; (2) shovel loading.

(1) $1.00 per hour; (2) $2.30 per hr.: H. C. Artana, Inc., San Jose, and Christian Hanifen, Pleasanton.

(1) $2.66; (2) $3.00: Geo. A. Kelley, San Jose.

(1) $2.00 per hour; (2) $2.30 per hr.: Lomita Park; A. Morton, Menlo Pk., B. Simon, S. F.; W. C. Wagner, S. F.; D. Gallagher T. M. & R. Co., S. F.; Pacific Truck Service, Inc., San Jose; A. Giorgi, S. F.; L. C. Karstedt, Watsonville; Hayward Bldg. Supply Co., Hayward; E. Della Rosa, Martinez; Hayward Bldg. Materials Co., Hayward; J. S. Baker, Burlingame, and San Bruno Feed & Fuel Co., S. F.

(1) $2.875; (2) $3.175: Geo. Grifall, Mountain View.

(1) $2.87; (2) $3.25: F. O'Shea, S. F.; T. O'Brien, S. F.; K. I. Dowdy, Oakland, and McReynolds, Inc., Oakland.

Bids held under advisement.

BIDS WANTED.

PEARL HARBOR, T. H.—Until Mar. 27 bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7854, for the construction of extensions to the crane runway at the Submarine Base, Pearl Harbor.

Estimated cost, $5,000.

Specifications obtainable from above office.

PROSPECTIVE BIDDERS.

LOS ANGELES, Calif.—Contractors and others who have procured plans for furnishing movable steel telescoping interior and exterior forms, and accompanying traveler, in accordance with Spec. No. 89, bids for which will be opened by the Metropolitan Water District, 306 W 3rd St., Los Angeles, at 2 P. M., March 4 (previously reported) are:

Koppel Industrial Car & Equipment Co., 411 W 5th St., Los Angeles.

Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles.

Pacific Coast Steel Co., 11,100 South Central Ave., Los Angeles.

Garlinghouse Bros., 2416 E 16th St., Los Angeles.

Consolidated Steel Corp., P. O. Box 1348, Arcade Station, Los Angeles.

F. T. McKune, 117 W 9th St., Los Angeles. 5

BIDS OPENED

SANTA BARBARA, Cal.—Bids for furnishing a road grader with built-in power unit, pneumatic tires, and extra scarifier attachment were opened by the Santa Barbara City Council February 14. The bids were:

Ott Hardware Co., Santa Barbara—Galion 1-30, gasoline motor, $3395; sacrifier, $253; allowance on used equipment, $623.30; net bid $3024.70.

J. D. Adams Co.—Adams Model 30—McCormick - Deering gasoline motor, $3395; scarifier, $253; $3648 allowance, over 42 months, 2%, under 42 mos. 6%, allowance approx. $115.54.

Smith Booth Usher Co. — Galion double drive 1-30, International gasoline motor, $3395; scarifier, $253; $3648—allowance $623.30; net bid, $3024.70.

Luke Tractor & Equipment Co.—Caterpillar Diesel auto patrol single tandem drive, $4816; scarifier, $253; $5069, allowance, $1700; net bid $3369; 2% 30 days. Alternate: Caterpillar auto-patrol No. 10, gasoline motor, single tandem drive, $315; scarifier, $253; $3768; allowance $1700; net bid $2068; 2% 30 days.

Austin-Western Road Machinery Co.—Austin No. 77 Senior track machine, Diesel motor, $4680; scarifier, $253.00; $4933; allowance $650; net bid, $4283; 2% 30 days. Alternate: Austin No. 77, etc., with gasoline motor, $4130; scarifier, $253; $4383; allowance $650; net bid $3733; 2% 30 days.

Brown-Bevis Equipment Co.—Alternate No. 1— Wehr model U D-25 motor grader, McCormick-Deering or J. I. Case gasoline motor, $3078.50; sacrifier, $253; $3331.50; allowance approximately $115; net bid $3215.96. Alternate No. 2 Wehr model U 425, motor grader, McCormick-Deering motor, $3560.50; scarifier, $253; $3815.50; allowance approx $115; net bid $3697.96

BIDS OPENED

KLAMATH FALLS, Oregon—Following bids received by the Bureau of Reclamation, Denver, Colorado, Feb. 15, under Sec. No. 660-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Klamath Falls, Oregon, two motor-driven vertical-shaft pumping units for use in the Melhase-Ryan sump drainage pumping plant, Klamath Project, Oregon-California:

Worthington Pump & Mach. Corp., f.o.b. Klamath Falls, $3340; alt., $2991

Victor Equipment Co., f.o.b. Los Angeles, $3243.

Crane O'Fallon Co., f.o.b. Chicago, $2620

Pomona Pump Co., f.o.b. Pomona, $1987.

Byron Jackson Co., f.o.b. Berkeley, $1678.

Layne & Bowler Corp., f.o.b. Los Angeles, $2266.

Aurora Pump Co., f.o.b. Aurora, Ill., $2847.70; discount 2%.

Dayton-Dowd Co., f.o.b. Quincy, Ill., $2436.60.

Stearns-Roger Mfg. Co., f.o.b. Stockton, $1957.

Fairbanks, Morse & Co. f.o.ob, San Francisco and Klamath, $2232.

Bingham Pump Co., f.o.b. Portland, Oregon, $2060.

Bids held under advisement.

CONTRACT AWARDED.

LOS ANGELES, Cal.—Sterling Pump Co. awarded contract by S. A. Joseph Purchasing Agent, Metropolitan Water District, at $3210 for furnishing vertical centrifugal pumping units and parts for Banning and San Jacinto. Bid No. 31956. The other bids were: Western Pump Co., Ltd., $6997; sales tax $174.93; total $7171.93. Victor Equipment Co.-Kimball-Krogh Pump Division, $4908.23; sales tax, $122.70; total $5030.93. Byron Jackson Company, $4725.20; sales tax, $118.13; total $4843.33.

CONTRACT AWARDED.

SANTA CRUZ, Santa Cruz Co., Cal.—A. S. DeWald (F. R. Fulmer Co.) 71 Pacific Ave., Santa Cruz, at $1,075 awarded contract by the Santa Cruz City Council for construction of a short-wave radio broadcasting apparatus for the police department.

BIDS OPENED

ONTARIO, Oregon—Following bids received by the Bureau of Reclamation, Denver, Colorado, February 18, under Spec. No. 661-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Ontario, Oregon, one motor-driven vertical-shaft, pumping unit of 5½ second-feet capacity, for the North pumping plant; and one motor-driven, vertical-shaft, pumping unit of 13 second-feet capacity for the South pumping plant for the Advancement District of the Owyhee Project, Oregon-Idaho:

Worthington Pump & Machinery Corp.: 5300 lb. f.o.b. Harrison, N. J., 5757 lb. f.o.b. Ontario, Oregon $2258.

Stearns-Roger Mfg. Co., f.o.b. Stockton, $4305.

Pomona Pump Co., f.o.b. Pomona, $2470.

American Well Works, f.o.b. Aurora, Ill., $3000; 2% discount.

Aurora Pump Co.*, f.o.b. Aurora, Ill., $2979; 2% discount.

Bingham Pump Co., f.o.b. Portland, Oregon, $2887.

Byron Jackson Co., f.o.b. Berkeley, $3193.

Fairbanks Morse Co., f.o.b. San Francisco, $2661.70; alt. $2565.45.

*Add $119 for 30-hp. motor.

Bids held under advisement.

28—FIRE EQUIPMENT

BIDS OPENED.

BOULDER CANYON, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colo., Feb. 14, under Spec. No. 656-D, for furnishing and delivering fob cars at the factory shipping point or Boulder City, seven carbon-dioxide fire extinguishing systems; three portable carbon-dioxide do; forty spare cylinders of carbon-dioxide and expendable material, and twenty-eight carbon-bioxide hand fire extinguishers (15-pound capacity) to fit in cabinets having inside dimensions of 35x12x8 inches.

American-LaFrance & Foamite Industries, Inc., fob Boulder City, $23,457.18, net.

C-O-Two Fire Equipment Co., fob Boulder City, $24,740.68.

National Foam System, Inc., fob Philadelphia, $19,493.67, 2% discount.

Walter Kidde & Co., Inc., fob Boulder City, $24,740.68, alts., $23,465.68 $23,457.18.

Bids held under advisement.

30—RESERVOIRS & DAMS

LOW BIDDERS.

GUNNISON, Colo.—A syndicate composed of the Utah Const. Co., W. A. Bechtel Co., Henry J. Kaiser Co. and Morrison-Kundsen Co., submitted low bid at $784,742.50 on Schedule 1 (concrete arch dam) and at $798,078.50 on Schedule 2 (earth and rock fill dam) to Bureau of Reclamation, Gunnison, Colo., under Spec. No. 594, for the construction of the Taylor Park Dam, Uncompahgre Project, near Gunnison.

Second low bid was submitted by J. A. Terteling & Sons, Boise, Idaho, at $819,517.50 on Schedule 2.

Winston Brothers Co., Minneapolis, Minn., submitted third low bid at $1,061,168 on Schedule 1, and at $928,415.50 on Schedule 2.

Eight bids were received, and complete bids will be published shortly.

PROSPECT APPROVED

SAN BERNARDINO CO., Cal.—SERA has approved appropriation of $104,363 for flood control work consisting of construction of check dams, unlined gutters and operating road with bridges, etc., in San Bernardino County. Project will be supervised by R. V. Ward, and will employ 1 supervisor and 626 laborers, including foremen.

TO ASK BIDS

LONG BEACH, Los Angeles Co., Cal.—Bids for the construction of six steel water storage tanks, costing approximately $266,000, have been ordered by the Long Beach Board of Water Commissioners. The tanks will be 35 ft. in height with a circumference of 420 ft. The six tanks will have a capacity of 21,500,000 gallons. They will be located on Alamitos Hill at State St. and Loma Ave.

ADDITIONAL FUNDS ASKED

SAN FRANCISCO — The City and County of San Francisco has applied to the PWA for an increase of approximately $25,000 in the Federal grant to aid in financing the raising of O'Shaughnessy Dam.

Transbay Constr. Co., Pier 24, San Francisco, submitted low bid at $3,219,965 on January 24.

31—PIPE LINES & WELLS

CONTRACTS AWARDED

LOS ANGELES, Cal. — Southern Pacific Co., Pacific Electric Railway Co., and the Los Angeles and Salt Lake Lines, jointly, were awarded contracts by the Metropolitan Water District, Feb. 15, at $292,734 for the transportation during 1935 of $718,000 bbls. of Portland cement to various points along approximately 100 miles of the Colorado Aqueduct from the West Portal of the Coxcomb Tunnel to the East Portal of the San Jacinto Tunnel. Bids on the transportation of cement to the west and east ends of the aqueduct, covering construction during subsequent years, were rejected. 1

BIDS OPENED.

CHEHALIS, Wash.—Felix Arcorace, 5423 48th Ave. S., Seattle, at $24,171 submitted low bid to the Chehalis City Council for furnishing and installing 2.25 miles of 16-in. creosoted wood pipe and 450 ft. of 16-in. cast iron pipe.

Complete bids follow:

Felix Arcorace, Seattle	$24,171
Joe Coluccio, Seattle	24,415
O. Loffredo, Seattle	25,233
Walsh Const. Co., Seattle	25,555
Macrl & Steffensen, Seattle	25,929
A. Del Guzzo, Seattle	26,686
Queen City Const. Co., Seattle	27,770
Larry Coluccio, Seattle	28,879
United Contr. Co., Portland	31,430
Deskins Bros., Chehalis	31,874
Graham Bros., Chehalis	38,595

Bids held under advisement.

31

CONTEMPLATED

TULARE COUNTY, Cal.—Porterville City Couuncil adopted a resolution asking Tulare County Board of Supervisors to call an election on proposal to form joint municipal utility district, including Porterville, Lindsay, Tulare and Corcoran.

H. L. Hinkel of Los Angeles has repared preliminary estimate of $380,000 as cost of constructing supply pipe line from natural gas field at Eudley Ridge to serve four cities. Construction of municipal distribution system in Porterville is estimated a $116,000.

TO ASK FUNDS

LOS ANGELES, Cal. — C. Roy Browning, Tustin, Box 525, director of the Orange County Water District, has reported to the Board of Directors of the district a plan to apply for federal aid to finance the construction of an aqueduct to carry the Mojave River water to San Bernardino, Riverside and Orange Counties, tunneling through the San Bernardino mountains. The project, which would include construction of two power plants, is estimated to cost between $6,000,000 and $10,000,000. The Bureau of Agriculture Engineering, Department of Agriculture, has been asked to make a survey of the water supply sources.

PROJECT APPROVED.

WHISKEY VALLEY, Placer Co., Cal.—SERA has approved appropriation of $2,822 for the construction of ditch and pipe line near Whiskey Valley. C. T. Law of the Nevada Irrigation District will supervise the project which will employ one foreman and 19 laborers.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PROJECT APPROVED

PLEASANTON, Alameda Co., Cal.—SERA has approved appropriation of $1136 for construction of 800 ft. of vitrified sewer line from Sewer Deposit Tanks to sludge ponds at Pleasanton Sewer Farm. Project will be supervised by M. M. Rodriguez and will employ 1 timekeeper and 8 laborers.

PROJECT APPROVED

SAN MATEO COUNTY, Cal.—SERA hashas approved aproriaion of $8783 for sewer construction in Memorial Park, San Mateo County. County Engineer James S. James will supervise the project, which will employ 1 supervisor and 37 laborers.

CONTRACTS AWARDED

ESCALON, San Joaquin Co., Cal.—Contracts for furnishing pipe, lumber and cement have been awarded by the Escalon Sanitary District, A. G. Tibbetts, Secretary, as follows:

(1) 7250 ft. standard strength concrete pipe awarded United Concrete Pipe Corp., Modesto.
(2) 800 ft. double strength and 7650 ft. standard strength vitrified pipe awarded Gladding Bros., San Jose
(3) Lumber and cement awarded to Moorehead Lumber Co., Escalon.

The bids were opened February 11.

CONTEMPLATED

COSTA MESA, Orange Co., Cal.—James I. Chase, engineer retained by the Costa Mesa Chamber of Commerce, has estimated that the cost of an adequate sewer system for the Casto Mesa district will be approximately $70,000. The proposed treatment plant would have a capacity of 50,000 gallons per diem. Harold K. Grauel, Costa Mesa, is president of the Chamber of Commerce.

CONTRACT AWARDED

SAN FRANCISCO—Bay Shore Construction Co., Inc., 255 Bayshore Blvd., San Francisco, at $9462.06 awarded contract by the Department of Public Works, City Hall, for the construction of sewers and appurtenances in Golden Gate Heights Dist.

Complete bids published Feb. 7.

GRANT APPROVED.

LOS ANGELES COUNTY, Cal.—A PWA grant of $872,000 to the Los Angeles County Sanitation District has been approved by the Secretary of the Interior. The grant was made for construction of an outfall sewer and for changes and improvements to the disposal plant. Bonds of the districts in the sum of $1,768,000 will be sold to provide the balance of the required funds. The plans for the proposed outfall, known as the White's Point outfall, are being completed by A. K. Warren, Chief Engineer, 139 North Broadway, and bids will probably be called within the next two months.

The proposed White's Point outfall sewer line is to be built from the sanitation districts' joint sewage treatment plant in the vicinity of Figueroa St. and Lomita Blvd., through the Palos Verdes Hills to a point near White's Point, approximately 34,817 ft. The line lies in a general southwesterly direction from the treatment plant. The line will consist of the following:

10,240 l.f. of 8-ft. horseshoe section tunnel 20- to 100-ft. in depth with some semi-elliptical monolithic structure built in open cut (in upper Lomita district);

24,577 l.f. of 8-in. horseshoe section tunnel through the hills, 100 ft. or more in depth;

5,630 l.f. of 60-in. cast iron ocean outfall, with flexible ball and socket joints, laid on the ocean bed, requiring some caisson work and probably temporary pier, wharf and other construction adjuncts.

All tunnel will be concrete lined.

Bids will probably be taken on three and possibly four, contracts, as follows:

One or two contracts in main tunnels.

One contract for 14,800 lin. ft. of tunnel and open cut.

Approximate quantities for the project ,as prepared by Chief Engineer A. K. Warren, are:

TUNNELS

120,550 c.y. rock excav. (in tunnels);
9,570 c.y. excav. (ocean end of outfall)
10,700 c.y. misc. earth excav. (outside of tunnels;
3,100 M. ft. BM timber in tunnel;
40,100 c.y. concrete in tunnel;
1,600 tons steel in tunnel;

OCEAN OUTFALL

170 M. ft. BM lumber (in trestle, etc. for ocean end of outfall);
2,930 c.y. concrete (ocean end of outfall);
5,630 ft. 60-in. cast iron pipe (ocean outfall);

PLANT CHANGES

1,170 c.y. concrete (plant changes);
95 tons steel (plant changes);
100 M. ft. BM lumber (plant changes);
4,200 tons sand and gravel (filter beds, etc.)

PROJECT APPROVED.

DOS PALOS, Merced Co., Cal.—The SERA has approved appropriation of $1,080 for improvements to the Sanitary District, Dos Palos, consisting of digging up 580 ft. of 6-in. sewer on lateral 32 and relaying same; reconstruction and repair of four manholes; making fills around pumping plant at the disposal plant, etc. W. E. Bedesen of the Dos Palos Sanitary District will supervise the project which will employ 12 laborers.

AWARDS RECOMMENDED.

BURLINGAME, San Mateo Co., Cal.—The Burlingame city council has recommended to the PWA that contracts for the construction of the sewage treatment plant and sewer system be awarded as follows:

H. E. Conner, 1222 Whipple Ave., Redwood City, at $38,941.07 on Schedule No. 2, for the pipe sewers and sewage relift station.

C. W. Caletti & Co., P. O. Box 243, San Rafael, at $14,200 on Schedule No. 3, for fill from imported borrow for roadway and general fill; loose rock riprap for slope protection.

Fredrickson & Watson Cost. Co., 873 81st Ave., Oakland, at $83,250 on Schedule No. 4, for the sewage disposal works, including all items not include din Schedules Nos. 2 and 3.

BONDS VOTED

SUNEST BEACH, Orange Co., Cal.—The $45,000 bond issue to finance the construction of a complete sewage collection system in Sunset Beach carried at an election held Feb. 15 in the Sunset Beach Sanitary District by a vote of 115 to 25 out of 160 registered voters. Plans prepared by Duke Hunt, 113 W. 9th St., Buena Park, consulting engineer, provided for a system costing $43,468, and involving:

(1) 12,000 ft. 8-in. vit. sewer pipe;
(2) 11,000 ft. 6-in. do;
(3) 8,500 ft. 4-in. do;
(4) 49 standard manholes;
(5) 5 flush tanks.

The question of constructing a disposal plant and outfall sewer will be considered by the board at a later date. J. A. Armitage, Coast Highway and Boardwalk, Sunset Beach, is president, and S. H. Neil, secretary of the district.

CONTEMPLATED

LOS ANGELES COUNTY, Cal. — Alfred Jones, County Supervisor, has prepared tentative list of storm drain and sanitary sewer projects to be built of funds under the proposed $4,800,000,000 public works program are available. The principal projects are as follows:

STORM DRAINS

Hooper Avenue, $4,000,000; Lomita, $1,700,000; Lennox, $1,183,000; West Hollywood $300,000; Compton Creek, $16,500,000; Sierra Madre, $3,000,000; East Pasadena, $2,183,000.

SANITARY SEWERS

Norwalk, $964,000; Davidson City, $219,500; Bellflower, $605,000; Inglewood Avenue $419,000; Lawndale, $432,000; Pico, $582,000; Rosemead, $1,448,000; Altadena, $4,135,000.

LOW BID REJECTED.

PHOENIX, Ariz.—The low bid of Torson Const. Co. of Cincinnati, Ohio, at $270,461.20, for constructng the new

storm drain system was rejected by the Phoenix city commission following receipt of a telegram from PWA, which stated that the bid could not be considered as the bidder had failed to sign and file with the bid a certificate of compliance with the NRA. The Phoenix-Tempe Stone Co. submitted the next lowest bid at $288,-893.50. The commission may either award the contract to the second bidder or reject all bids and readvertise.

The bids, which were opened Feb 13, were:

Torson Const. Co, $270,461.20.

Phoenix - Tempe Stone Co., $288,-893.50.

Elliott, Stroud and Bros. and Seabrook, Glendale, Cal., $290,193.45.

Case Const. Co., Alhambra, Calif., $309,516.35.

Complete description of the project was published February 18.

SURVEY COMPLETED.

ALAMEDA COUNTY, Cal.—SERA engineers under the supervision of Harold F. Gray have completed a survey and estimated the cost of constructing sewer systems in Ashland, San Lorenzo and Castro Valley at $733,430.

CONTEMPLATED.

PASADENA, Cal.—City Manager C. W. Koiner has presented to the City Planning Commission a list of storm drain projects, totaling $1,656,550, to be included in the city's public works program. The list follows:

For East Side drain system, $657,-240; $250,000 for Kewen storm drain; $160,000 for East Orange Grove Ave. drain, $260,000; for Seco Street drain, $103,500; for Broadway drain, $50,000 for Caltech drain; $13,750 for Granada drain system; $30,000 for Civic Center drain; $20,000 for Mentor Ave .drain; $24,000 for Rose Bowl drain; $31,000 for Linda Vista drain and $125,000 for culverts and intakes.

The city's public works program also contains an item of $300,000 for the extension of units of the sewage disposal plant.

33— WATER WORKS

BIDS WANTED.

SAN DIEGO, Cal.—Until Feb. 26, 11 A. M., bids wil be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego, for the replacement of salt water flushing system at the Naval Operating Base (Destroyer Base) San Diego; Spec. No. 7878. The work consists of the provision of materials for, and the installation of two 500-gallon-per-minute electrically - driven salt water pumps, suction piping, and approximately 970 l.f. of standard weight 6-in. steel discharge piping with welded joints; also miscellaneous electrical work and appurtenances and timber-constructed shelter for housing the pumps.

Plans and specifications obtainable from the above office upon deposit of $10. G. D. Wetsel, Lieut.-Comdr. (C E C) U.S.N., Asst. Public Works Officer.

CONTRACT AWARDED

SANTA BARBARA, Santa Barbara Co., Cal.—American Cast Iron Pipe Co., at $7787.76 awarded contract by Santa Barbara City Council for furnishing cast iron pipe and fittings for the water department.

CONTRACTS AWARDED.

ASHLAND, Oregon.—Pacific States Cast Iron Pipe Co., Spalding Bldg., Portland, at $3,318.02 awarded contract by the Ashland City Council for furnishing water pipe.

Rensselaer Valve Co., Arctic Bldg., Seattle, awarded contracts at $554.58 for valves and at $367.36 for hydrants.

AWARD RECOMMENDED

SANTA CLARA COUNTY, Cal.—Byron Jackson Co., Carlton and Sixth Sts., Berkeley, at $5580 submitted low bid and recommended to PWA for award of contract by the Santa Clara Water Conservation District, Room 62 Grant Bldg., San Jose, for construction of two pumping plants, Lester and Doetch well replacements. Work includes furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pumping houses.

Complete bids follow:

Byron Jackson Co., Berkeley	$5580.00
Layne & Bowler Pump Co., San Jose	5702.27
Adrian Mfg. Co., San Jose	5960.17
P. L. Burr, San Francisco	6766.00
Campbell & Budlong Machine Works, San Jose	6954.59
John Bean Mfg. Co., San Jose	7076.98
Fred J. Early Jr., S. F.	7170.00
Engineer's Estimate	7,000.00

CONTRACTS GRANTED.

BELMONT, San Mateo Co., Calif.—Contracts for furnishing pipe and fittings have been awarded by the Belmont County Water District, Ralston Ave., Belmont, as follows:

Cast Iron Pipe—American Cast Iron Pipe Co., Sharon Bldg., San Francisco.

Castings & Fittings—Grinnell Co., 5th and Brannan Sts., San Francisco.

Valve Boxes—Forni Mfg. Co., 1379 62nd St., Oakland.

Reservoir and Steel Tank—Western Pipe & Steel Co., 444 Market St., San Francisco.

Cement—Gray - Thorning Lumber Co., Redwood City.

Hydrants—M. Greenberg's Sons, 765 Folsom St., San Francisco.

Pumps—Ingersoll-Rand Co., 350 Brannan St., San Francisco.

Switchboard and Wiring—Dingman's Electric Service Shop, 1027 Allerton St., Redwood City.

Bids on paint, lumber, gunite, reinforcing steel and valves were rejected.

34— PARKS & PLAY-GROUNDS

BIDS WANTED

VALLEJO, Cal.—Bids are being received by the Custodian Vallejo Post Office, for planting and seeding the grounds at the U. S. Post Offie, Vallejo.

BIDS WANTED

RENO, Nevada—Bids are being received by the Custodian, U. S. Post Office, Reno, Nevada, for planting and seeding the grounds at the Post Office, Reno, Nevada.

BIDS WANTED

LIVERMORE, Alameda Co., Cal.—Until February 25, 2 P. M., bids will be received by the Veterans' Administration Facility, E. W. Tallman, Business Manager, Livermore, for furnishing sprinkler heads as follows:

(1) 293 heavy duty concealed pop-up type, underground, rotating sprinkler heads;

(2) 818 concealed pop-up underground non-rotating sprinkler heads, spray type;

(3) 330 concealed fixed strip type underground sprinkler heads for a narrow 5-ft. parking strip;

(4) 50 bubble type sprinkler heads for shrubbery irrigation.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until February 27, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tempe-Mesa Highway, NRM 8 A AFE 524 and N R M 8-A AFE 8027.

The work, which is to extend from the corner of 11th St. and Mill Ave. in Tempe, southerly and thence easterly approximately two miles, consists of the furnishing, hauling and planting trees and shrubs, the furnishing, hauling and placing of select material and top soil, the placing of a rock border and removing some trees. The principal items and approximate quantities are:

333 Washingtonia Robusta;
69 Citrus Aurantica;
50 Dodonaea Viscosa;
10 Phoenix Canariensis;
30 Populus Candicans;
5 Ocotillo;
3 Bacchoris Emory;
5 Tamarix Articulata;
380 lin. ft. rock border;
250 cu. yds. top soil;
1250 cu. yds. select material; remove three trees.

Certified or cashier's check for 5% required. Funds in the sum of $2500 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

35— TUNNELS

FORCE ACCOUNT

LOS ANGELES, Cal.—The Metropolitan Water District has moved its construction forces to the side of the San Jacinto tunnel and is continuing the work by force account. The contractors' forces stopped work Sunday evening, February 10, and the project was taken over on February 11 by the district engineers under the personal direction of J. L. Burkholder, Assistant General Manager. The district officials had previously asked for a dismissal of its case against the contractor then pending in the U. S. district court.

INJUNCTION GRANTED.

LOS ANGELES, Cal.—Wenzel and Henoch Const. Co., contractors for the San Jacinto Tunnel of the Colorado River Aqueduct, were granted a temporary restraining order February 19 against the Metropolitan Water District, enjoining the latter from interfeing or obstructing the contractors in the prosecution of the work under their contract. The order to show cause why the injunction pendente lite (pending determination of the issues) should not be made permanent was also signed by Federal Judge William James on the 19th and a hearing set for 10 A. M., of Thursday, Feb. 28, in U. S. District Court at Los Angeles.

29—STREETS AND HIGHWAYS

PROJECT APPROVED

SACRAMENTO, Sacramento Co., Cal.—SERA has approved appropriation of $6270 for replacing curb and gutter around Capitol Park, Sacramento. The project will be supervised by Frank Killam of the Department of Finance of the State of California, and will employ 15 laborers.

PROJECT APPROVED

MARIPOSA COUNTY, Cal.—SERA has approved appropriation of $3436 for improvement of the Oakvale, Raymond Road from District No. 5 to the Madera County Line, involving 12.3 miles road sloping, widening, grading, surfacing and draining. C. F. Greenamyer of Mariposa County District No. 5, will supervise the project which will employ 20 laborers.

PROJECT APPROVED

FORT WINFIELD SCOTT, San Francisco—SERA has approved appropriation of $84,665 for leveling and grading of 10 acres of land known as the Parade Field at Fort Winfield Scott, San Francisco. F. D. Shawn of the U. S. Army will supervise the project which will employ 345 laborers.

BIDS OPENED.

INYO COUNTY, Cal.—Tiffany Construction Co., 535 N 7th St., San Jose at $13,911.50 submitted low bid to the State Highway Commission, Sacramento, for about 0.9 mile grading and surfacing with salvated surfacing material and a bituminous treatment applied in Inyo County, between 1.8 and 0.9 mile south of Fish Springs school.

Bids were taken as follows:

(1) 5 acres clearing and grubbing right-of-way;
(2) 9600 cu. yds roadway excavation unclass.;
(3) 6200 sta. yds. overhaul;
(4) 1800 cu. yds. imported borrow;
(5) 75 cu. yds. ditch excavation;
(6) 95 cu. yds. structure excav.;
(7) 24 tons fuel oil SC-2 (prime coat)
(8) 107 tons fuel oil SC-3 (bituminous treatment);
(9) 0.91 mile mixing bituminous binder and salvaged surfacing;
(10) 35 cu. yds. screenings (seal coat)
(11) 26 lin. ft. 12-in. CMP;
(12) 104 lin. ft. 24-in. CMP;
(13) 38 lin. ft. CMP culvert remove and salvage;
(14) 11 each remove and reset timber guide posts;
(15) 124 each timber guide posts;
(16) 200 lin. ft. remove and salvage existing guard rail;
(17) 220 M. gals. water;
(18) 48 stations finishing roadway;
(19) 19 each mounments complete in place.

Total bids follow:

(A) Tiffany Const. Co., San Jose, $13,-911.50.
(B) Gogo & Rados, Los Angeles, $13,-942.25.
(C) Donald C. Follis, Glendale, $14,-821.50.
(D) Kennedy Const. Co., Oakland, $15,844.35.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$ 20.00	$100.00	$ 50.00	$ 50.00
(2).....	.80	.75	.80	.75
(3).....	.02	.02	.03	.02
(4).....	.22	.75	.70	.90
(5).....	1.50	.50	2.00	.75
(6).....	1.50	1.00	2.00	2.00
(7).....	18.00	14.00	14.00	26.00
(8).....	23.00	18.00	20.50	27.50
(9).....	700.00	550.00	500.00	1000.00
(10).....	4.00	3.50	2.00	5.00
(11).....	1.75	2.00	3.00	1.70
(12).....	4.00	3.75	4.75	3.75
(13).....	1.00	1.50	1.00	1.00
(14).....	2.00	.75	2.00	1.50
(15).....	3.00	3.50	2.00	2.50
(16).....	.50	.50	.50	1.00
(17).....	2.00	1.20	1.50	2.50
(18).....	6.00	10.00	15.00	5.00
(19).....	4.00	5.00	5.00	3.00

PROJECT APPROVED

OAKLAND, Alameda Co., Cal.—SERA has approved a supplemental appropriation of $90,130 for the continuation of the project which provided for the surfacing, realignment and grading of Snake Road and parts of Skyline Boulevard in the City of Oakland. Project will be supervised by Charles Reed and will employ 1 supervisor and 211 laborers.

BIDS WANTED.

SAN MATEO COUNTY, Calif.—Until March 7, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. No. W. D. 71, for paving with riprap an area around the north outlet tower of the San Andreas reservoir, located about 2 miles southwesterly from the town of San Bruno, San Mateo County.

The work involves:

(1) 2,100 c.y. dumped riprap pave.;
(2) 50 c.y. hand placed riprap pave.;
(3) 500 c.y. miscellaneous grading.

Specifications obtainable at Room 605, San Francisco Water Dept. Bldg. 425 Mason St., upon deposit of $10.

BIDS OPENED.

SAN BERNARDINO COUNTY, Cal.—George Herz & Co., Platt Bldg., San Bernardino, submitted low bid to the Department of Public Works. Division of Highways, at the offices of the District Engineer, San Bernardino, Feb. 13, at $2231.00, and was recommended for award of the contract for highway oiling in San Bernardino County between Sierra Ave. and Riverside Ave., about 3.8 miles in length, bituminous surface treatment to be applied to the existing oiled shoulders, involving:

(1) 53 tons eulsified asphaltic road oil in place;
(2) 510 tons screenings in place.

E. Q. Sullivan, District Engineer.

The bids were:

Geo. Herz & Co., (1) $19; (2) $2.40; (Total) $2231.00.

E. L. Yeager, (1) $25; (2) $1.93; $2,-309.30.

Geo. Gardner & Sons, (1) $26; (2) $2.99; $2396.90.

H. E. Cox & Son, (1) $26; (2) $2.95; $2382.90.

PROJECT APPROVED

PITTSBURG, Contra Costa Co., Cal.—SERA has approved appropriation of $3127 for paving Tenta St., bet. Los Mendanos and Solari Streets, in Pittsburg. H. L. Denham will supervise the project, which will give employment to 15 laborers.

BIDS WANTED.

SAN MATEO COUNTY, Cal.—Until March 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 7.1 miles of grading and surfacing with bituminous treated crushed gravel or stone on crusher run base, in San Mateo County between Thornton and Daly City.

The work involves:

(1) 244,000 c.y. rdwy. excav., unclass.
(2) 2,010,000 sta. yds. overhaul;
(3) 2,650 c.y. structure excavation;
(4) 2,500 M. gals. water;
(5) 16,750 tons crusher run base;
(6) 6,120 tons crushed gravel or stone (bituminous treated surfacing);
(7) 304 tons cut-back asphalt;
(8) 126 tons fuel oil;
(9) 20,690 sq. yds. preparing, mixing and shaping shoulders;
(10) 180 tons screenings (seal coat);
(11) 107 c.y. Class A Portland cement concrete (structures);
(12) 5,200 lbs. bar reinf. steel (struc.)
(13) 1,250 l.f. 8-in. CMP;
(14) 520 l.f. 12-in. CMP;
(15) 920 l.f. 15-in. CMP;
(16) 1,800 l.f. 18-in. CMP;
(17) 210 l.f. 24-in. CMP, close riveted and soldered;
(18) 150 l.f. 24-in. CMP, jacked under highway;
(19) 650 l.f. 30-in. CMP;
(20) 160 l.f. 72-in. CMP;
(21) 23 each spillway assemblies;
(22) 8 each concrete joints;
(23) 20 each culvert markers;
(24) 160 each guide posts;
(25) 20 each monuments complete in place;
(26) 90 stations finishing roadway.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

VENTURA COUNTY, Cal. — Until March 14, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 1.7 miles grading, and roadbed to be treated with fuel oil and a seal coat applied in Ventura County, between Camarillo State Hospital Buildings and Lewis Road. The work involves:

(1) 91 stations clear and grub right-of-way;
(2) 5700 cu. yds. roadway excavation, unclass.;
(3) 2500 station yds. overhaul;
(4) 42,600 cu. yds. imported borrow;
(5) 900 cu. yds. structure excav.;
(6) 250 cu. yds. Class A Portland cement concrete (structures);
(7) 23,500 lbs. bar reinf. steel (structures);
(8) 210 lin. ft. 18-in. C.M.P.;
(9) 110 lin. ft. 24-in. C.M.P.;
(10) 255 tons fuel oil;
(11) 30,500 sq. yds. preparing, mixing and shaping roadbed;
(12) 40 tons asphaltic road oil (seal coat);
(13) 420 tons screenings (seal coat);
(14) 610 M. gals. water;
(15) 91 stations finishing roadway;

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED.

LOS ANGELES, Cal.—Bennett and Taylor, 1041 W. Venice Blvd., Los Angeles, submitted low bid to Metropolitan Water District, 306 West 3rd St., Los Angeles, February 18 at $72,-476, for constructing approximately 16.3 miles of patrol road, and approximately 1.4 miles of stub roads adjacent thereto along the proposed route of the 230-kv transmission line for the Colorado River Aqueduct ,under Spec. No. 91. The proposed roads are located in San Bernardino County, near Division No. 1 Headquarters, and from what is known as the Whipple Mountain Patrol Road.

The work involves

(1) 72,500 c.y. excav., unclass., Group 1;
(2) 14,500 c.y. do, Group 2;
(3) 3000 c.y. do, Group 3;
(4) 10,000 sta. yds. excav. overhaul;
(5) 300 c.y. structure excav., unclass.
(6) 100 c.y. concrete, retaining wall;
(7) 70 c.y. dry rubble retaining wall;
(8) 30 c.y. riprap, retaining wall;
(9) 1500 sq. ft. cribbing, upper 6-ft. 6-in. of wall;
(10) 500 sq. ft. cribbing, wall below 6-ft. 6-in. from top stretcher to maximum of 13-ft. 6-in. below top stretcher;
(11) 1500 c.y. dumped riprap;
(12) 90 l.f. furnish and place 18-in. dia. corrugated pipe culvert;
(13) 70 l.f. furnish and place 24-in. do;
(14) 36 l.f. furnish and place 30-in. do.

The total bids were:

(A) Bennett & Taylor, $72,476.
(B) Macco Const. Co., $89,539.80.
(C) Dimmitt & Taylor, $92,534.

The unit bids were:

	(A)	(B)	(C)
(1).....	$ .77	$ .90	$ .90
(2).....	.63	.45	.80
(3).....	.75	.60	1.00
(4).....	.05	.05	.02
(5).....	2.50	2.00	1.50
(6).....	20.00	36.00	20.00
(7).....	10.00	12.00	5.00
(8).....	10.00	10.00	5.00
(9).....	2.00	3.00	2.50
(10).....	3.00	4.00	3.00
(11).....	2.00	2.00	2.50
(12).....	2.00	2.50	2.00
(13).....	3.00	3.50	3.00
(14).....	3.50	4.30	4.00

BIDS WANTED

MARICOPA COUNTY, Ariz. Until Feb. 27, 2:00 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Mesa-Casa Grande Ruins Highway, NRH 97-F (1935), A.F.E. 8752. The work is located approximately 2½ miles south of Mesa at the intersection of the Mesa-Chandler Highway and the Base Line Road, consists of grading, draining and oil processing. The principal items and approximate quantities are:

(1) 3240 cu. yds. roadway excav.;
(2) 3500 cu. yds. select material;
(3) 1660 cu. yds. aggregate base concrete;
(4) 15 cu. yds. Class A concrete;
(5) 1155 lbs. reinforcing steel;
(6) 300 lin. ft. 36-in. corr. metal pipe
(7) 2900 lin. ft. standard line fence;
(8) 7000 tons plant mix;
(9) 52 tons cutback asphalt.

Certified or cashier's check for 5% required. Funds in the sum of $25,000 have been programmed for this project. T. S. O'Connell, State Highway Engineer.

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The follwoing shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on March 6 and in Los Angeles on March 7, and March 14, 1935.

III-Yub-3-A,B, bet. Wheatland and Marysville. Bids to be opened March 6. (PLANS) No. of sheets, 12; cost, $1.20. (CROSS-SECTIONS), No. of sheets, none. Total $1.20.

VI-Tul-131-B, 1 mile to 7 miles E of Tulare. Bids to be opened March 6. (PLANS) No. of sheets, 14; cost, $1.40; (CROSS-SECTIONS), No. of sheets, none; Total, $1.40.

(VII-LA-60-Lilch and Sig(I) Standley Ave. to Loma Ave. To be opened March 7. (PLANS) No. of heets, 19; cost, $1.90; (CROSS-SECTIONS), No. of sheets, 18; cost, $1.80; Total, $3.70.

(VII-LA-60 S Mca), Ocean Ave. to Colorado Ave Bids to be opened Mar 14 (PLANS), No. of sheets, 18, cost, $1.80; (CROSS-SECTIONS), No. of sheets 8; cost, 80c; Total, $2.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O Box 1199, Sacramento, California.

LOS ANGELES — COMPRESSORS — (CITY)

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 749, 207 S. Broadway, Feb. 13, for furnishing compressors under Spec. No. 1607 as follows:

The items were:

(1) for 2 only positive displacement, low pressure, rotary compressors, complete with auxiliary equipment and having an outlet pressure of 13.4 lbs. per square inch absolute:
(a) fob Lone Pine;
(b) fob bidder's shipping point.
(2) for 2 only do, with outlet pressure of 12.9 lbs. per sq. in. absolute:
(a) fob Lone Pine;
(b) fob bidder's shipping point.
(3) for 2 only do, with outlet pressure of 12.4 lbs. per sq. in. absolute:
(a) fob Lone Pine;
(b) fob bidder's shipping point.

Alternate bids were received for six electrically-driven centrifugal compressors of the same specifications.

The bidders were:

(A) Ingersoll Rand Co. of California. Terms net. Shipping point, Los Angeles, and Phillips, N. J.
(B) Buffalo Forge Co. Terms net Shipping point, Buffalo, N. Y.
(C) Buffalo Forge Co. Alt.
(D) Smith Booth Usher Co. Terms net. Connersville, Ind.
(E) Sutorbilt Co. Discount 1% 20 days.
(F) Spencer Turbine Co. Terms net. Hartford, Conn.
(G) D. F. Sturtevant Co. Terms net. Hyde Park, Mass.

The bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1) (a)	$	$	$1930.00	$2567.00	$2418.00	$	$
(b)			1898.00	2352.00	2353.00		
(2) (a)			1892.00	2494.00	2403.00		
(b)			1865.00	2299.00	2328.00		
(3) (a)			1671.00	2408.50	2260.00		
(b)			1649.00	2193.50	2185.00		
(1-Alt.) (a)	1441.00	2154.00		3619.00	2185.00	2079.00	2555.00
(b)	6995.00	2122.00		3379.00		1989.00	2537.00
(2-Alt.) (a)	7341.00	2120.00		3379.00		1831.00	2284.00
(b)	6895.00	2089.00		3144.00		1741.00	2268.00
(3-Alt.) (a)	7291.00	1671.00		3020.00		1831.00	2119.00
(b)	6845.00	1649.00		2825.00		1741.00	2104.00

LOS ANGELES COUNTY—0.8 MILE GRADE & PAVE—(State)

LOS ANGELES COUNTY, Cal.—J. L. McClain, 5856 Brynhurst Ave., Los Angeles, submitted the low bid to C. H. Purcell, State Highway Engineer, Los Angeles, February 14, at $48,389.80 (as previously reported) for highway construction in Los Angeles County between Pier Avenue and Sepulveda Boulevard, about .8 mile in length to be graded and paved with portland cement concrete, involving:

(1) 44 tations clearing and grubbing right of way;
(2) 65,800 c.y. rdwy. excav., unclass.;
(3) 72,000 sta. yds. overhaul;
(4) 200 c.y. structure excavation;
(5) 20,500 sq. yds. subgrade preparation;
(6) 750 tons asphalt concrete;
(7) 3,425 c.y. Class A Portland cement concrete (pavement);
(8) 5 c.y. do (structures);
(9) 45,50 lbs. bar reinf. steel;
(10) 830 each pavement dowels;
(11) 10 l.f. 12-in. CM pipe;
(12) 260 l.f. 24-in. CM pipe;
(13) 200 c.y. concrete removed and disposed of;
(14) 2 ea. adjusting manholes to grade
(15) 750 M. gals. water;
(16) 115 tons fuel oil;
(17) 14,000 sq. yds. prepare, mix and shape shoulders;
(18) 4 each culvert markers;
(19) 44 stations finishing roadway.

(A) J. L. McClain, L. A. .. $48,389.80
(B) United Concrete Pipe Corp., Los Angeles. 50,665.60
(C) Oswald Bros., L. A. . 51,393.25
(D) Southern Calif. Roads Co., Los Angeles . . . 52,221.35
(E) Southwest Paving Co., Los Angeles 52,258.80
(F) J. E. Haddock, Ltd. Pasadena 52,405.00
(G) Daley Corp., San Diego.. 52,667.00
(H) Mundo Engr. Co., L. A. 53,501.00
(I) Los Angeles Paving Co... 55,192.05
(J) Geo. R. Curtis Paving Co., Los Angeles 55,211.35
(K) Sharp & Fellows Contr. Co., Los Angeles 55,427.00
(L) Dimmitt & Taylor, L. A. 55,629.85
(M) Byerts & Dunn, L. A..... 57,644.15
(N) Griffith Co., L. A. 59,474.30
(O) P. J. Akmadzich, L. A. . 65,760.00

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
(1)	$30.00	$20.00	$12.00	$ 6.00	$ 7.00	$15.00	$25.00	$ 3.00	$10.00	$10.00	$10.00	$30.00	$15.00	$13.00	$25.00
(2)	.19	.21	.22	.20	.22	.21	.195	.23	.24	.22	.19	.20	.223	.24	.35
(3)	.005	.01	.0035	.003	.005	.01	.005	.006	.01	.01	.01	.005	.04	.01	.01
(4)	1.00	1.00	.75	.70	70	1.00	.60	.75	1.00	.75	.75	1.00	1.20	.75	.80
(5)	.10	.12	.08	.11	.10	.11	.10	.10	.10	.09	.10	.10	.153	.11	.11
(6)	3.75	3.14	3.75	3.50	3.60	3.60	3.35	3.25	3.50	3.72	5.00	4.00	4.50	3.50	3.75
(7)	7.10	7.25	7.65	8.15	7.35	7.70	8.40	8.00	7.75	8.08	8.50	8.49	8.45	9.00	8.36
(8)	15.00	20.00	30.00	25.00	25.00	40.00	20.00	25.00	17.50	25.00	40.00	20.00	17.00	25.00	21.00
(9)	.05	.05	.046	.05	.07	.05	.05	.045	.06	.058	.05	.06	.053	.05	.065
(10)	.11	.12	.10	.12	11	.10	.15	.20	.16	.12	.15	.12	.10	.11	.135
(11)	.25	1.50	1.25	.50	.50	.30	1.00	1.00	1.00	.75	.30	.75	2.00	.50	.67
(12)	.35	.75	.40	.50	70	.40	.40	1.00	2.00	1.00	.50	1.00	2.35	.65	.90
(13)	1.00	2.00	1.55	2.50	3.50	2.00	1.50	2.00	2.00	1.50	2.00	2.50	1.50	2.00	2.95
(14)	25.00	5.00	12.00	10.00	17.00	25.00	5.00	20.00	10.00	12.50	20.00	20.00	44.00	10.00	7.00
(15)	.50	.60	1.10	.75	1.00	.50	.45	1.00	1.00	2.00	1.00	1.25	.95	1.50	1.00
(16)	8.00	8.85	8.60	7.50	8.25	8.50	7.50	9.00	9.00	7.55	10.00	7.00	9.00	9.00	8.30
(17)	.04	.05	.04	.06	.06	.07	.05	.05	.055	.06	.10	.06	.05	.06	.075
(18)	3.00	2.00	1.75	2.00	3.50	3.00	3.00	3.00	3.50	3.00	2.50	2.50	5.00	2.50	3.00
(19)	4.00	4.00	4.00	5.00	4.00	5.00	2.00	5.00	8.00	10.00	5.00	3.00	6.00	10.00	6.00

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until February 27, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Prescott Highway NRH 33 (1935) A.F.E. 8958. The work, which begins at Six Points in Phoenix, extends 6 miles to the city limits of Glendale, consists of the widening of roadway and lengthening of drainage structures. The principal items and approximate quantities are:

(1) 9000 cu. yds. roadway excavation;
(2) 2700 cu. yds. drainage excav.;
(3) 1000 cu. yds. structural excav.;
(4) 50,000 cu. yds. imorted borrow;
(5) 416,000 cu. yds. mi. haul imported borrow;
(6) 600 cu. yds. concrete;
(7) 61,000 lbs. reinf. steel;
(8) 900 sq. yds. concrete pavement;
(9) 814 lin. ft. corr. metal pipe;
(10) 680 lin. ft. concrete pipe;
(11) 15,730 lin. ft. standard line fence.

Certified or cashier's check for 5% required. Funds in the sum of $88,500 have been programmed for this project. T. S. O'connell, State Highway Engineer.

BIDS WANTED

POLK COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.22 mile pavement widening and resurfacing and 0.19 mile grading, surfacing and penetration type bituminous macadam wearing surface on the Rickreall Creek-Coast Junction Unit, Dallas Section of Salem-Dallas Highway in Polk County. U.S.P.W. Project No. NRS 249.

The work involves approximately 4700 cu. yds. excavation; 2700 cu. yds. roadbed topping; 500 cu. yds. surfacing materials; 2300 sq. yds. penetration type bituminous macadam wearing surface, and 2600 sq. yds. bituminous macadam pavement widening and resurfacing.

This project may be bid in combination with the Salem-Pringle Creek Project.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

ORANGE COUNTY——1.1 Miles Grade and Pave—(State)

ORANGE CO., Cal.—J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $123,729.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 1.1 miles grading and paving with Portland cement concrete in Laguna Beach, between Cypress St. and south city limits. The work involves:

(1) 58 stations clear and grub R/W;
(2) 56 900 cu. yds. rdwy. excavation unclass.;
(3) 1,150,000 sta. yds. overhaul;
(4) 3900 cu. yds. structure excavation
(5) 25,700 sq. yds. subgrade for pave.
(6) 5110 cu. yds. Class A Portland cement concrete pavement;
(7) 1200 each pavement dowels;
(8) 940 cu. yds. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways);
(9) 1205 cu. yds. do (structures);
(10) 3.5 cu. yds. do (railing);
(11) 150,000 lbs. bar reinforcing steel (pavement and structures);
(12) 9500 lbs. misc. iron and steel (structures);
(13) 230 lin. ft. 24-in. C.M.P.;
(14) 60 lin. ft. 42-in. C.M.P;
(15) 100 lin. ft. 60-in. C.M.P.;
(16) 15 lin. ft. 18-in. standard reinf. concrete pipe;
(17) 75 lin. ft. 24-in. do;
(18) 360 lin. ft. 30-in. do;
(19) 290 lin. ft. pipe handrail;
(20) 800 M. gals. water;
(21) 900 cu. yds. salvaging existing oil surfacing;
(22) 155 tons fuel oil,
(23) 18,500 sq. yds. preparing, mixing and shaping shoulders;
(24) 25 tons asphaltic road oil;
(25) 230 tons screenings;
(26) 830 tons crushed gravel or stone (bituminous treated surfacing);
(27) 45 tons cutback asphalt do;
(28) 58 stations finishing roadway.

Total bids were:

(A) J. E. Haddock, Inc., Pasadena, $123,729.50.
(B) Daley Corp., San Diego, $125,839.25.
(C) Sharp & Fellows Constr. Co., Los Angeles, $134,591.75.
(D) Dimmitt & Taylor, Los Angeles, $136,542.
(E) Griffith Co., Los Angeles, $139,287.50.
(F) Mundo Engineering Co., Los Angeles, $145,277.
(G) Oswald Bros., Los Angeles, $148,975.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$10.00	$15.50	$12.00	$15.00	$16.00	$10.00	$10.00
(2)	.31	.43	.36	.35	.39	.40	.55
(3)	.005	.005	.004	.004	.01	.006	.004
(4)	1.15	.95	.90	1.25	.80	1.00	1.15
(5)	.12	.12	.12	.12	.12	.12	.10
(6)	7.60	7.50	8.30	8.75	8.10	8.80	9.00
(7)	.11	.15	.12	.15	.12	.25	.11
(8)	11.50	12.25	15.00	14.75	12.50	12.50	13.50
(9)	17.50	15.60	19.50	18.00	20.00	22.00	20.00
(10)	60.00	70.00	60.00	60.00	75.00	75.00	70.00
(11)	.045	.044	.04	.05	.04	.05	.05
(12)	.12	.10	.12	.12	.09	.20	.12
(13)	.40	.60	.40	.65	.70	2.00	.65
(14)	.60	1.00	.60	1.20	1.00	3.00	.95
(15)	1.00	1.40	1.50	1.80	2.50	4.00	2.20
(16)	2.70	2.90	2.75	2.75	3.00	3.00	2.60
(17)	3.40	3.00	3.50	3.45	3.50	4.50	3.20
(18)	4.80	4.25	5.00	5.00	5.00	7.00	4.50
(19)	2.30	2.00	2.00	2.40	2.25	2.50	2.50
(20)	.75	.70	1.25	1.20	2.00	1.00	2.25
(21)	1.00	.21	1.15	1.25	.75	2.00	.75
(22)	9.50	8.00	9.00	8.60	9.00	9.00	10.00
(23)	.07	.0475	.06	.07	.07	.05	.05
(24)	21.00	17.50	18.00	20.00	18.00	20.00	21.00
(25)	3.25	2.50	3.30	3.00	3.00	3.50	3.25
(26)	4.50	4.65	6.00	4.00	4.00	3.00	4.00
(27)	16.50	16.00	16.00	20.00	20.00	20.00	17.00
(28)	5.00	2.50	5.00	10.00	7.00	10.00	5.00

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until March 14, 2 P. M., blds will be received by the State Highway Engineer, State Bldg., Los Angeles, for 0.8 mile grading and paving with asphalt concrete in San Diego County, between Emerald Ave. and the east city limits of El Cajon. The work involves:

(1) 8 each trees and stumps to be removed;
(2) 2400 cu. yds. roadway excavation, unclass.;
(3) 750 cu. yds. imported borrow;
(4) 5800 station yds. overhaul;
(5) 260 cu. yds. structure excav.;
(6) 8200 sq. yds. subgrade for pavement;
(7) 15,100 sq. yds. asphaltic paint binder;
(8) 5900 tons asphalt concrete;
(9) 65 cu. yds. Class A Portland cement concrete (structures);
(10) 195 cu. yds. Class A Portland cement concrete (curbs, sidewalks and sidewalk connections);
(11) 6300 lbs. bar reinforcing steel;
(12) 48 lin. ft. 18-in. C.M.P.;
(13) 645 lin. ft. existing culvert pipe to be removed and salvaged;
(14) 115 lin. ft. existing culvert pipe to be removed, cleaned and relaid;
(15) 200 M. gals. water;
(16) 24 tons fuel oil (detours);
(17) 72 tons fuel oil (shoulders);
(18) 11,000 sq. yds. preparing, mixing and shaping shoulders;
(19) 475 cu. yds. concrete to be removed and disposed of;
(20) 3 each cast steel frames and covers for drop inlets;
(21) 41 lin. ft. ornamental iron railing
(22) 22 stations finishing roadway.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

DEL NORTE COUNTY, Cal.—Until March 13, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 8.7 miles surfacing with crusher run base and bituminous seal coat applied, in Del Norte County, between the foot of Oregon Mountain and the Oregon State Line. The work involves:

(1) 7700 cu. yds. selected material;
(2) 23,000 tons crusher run base;
(3) 102 tons fuel oil SC-1A;
(4) 107 tons asphaltic road oil SC-3;
(5) 766 tons screenings (seal coat);
(6) 120 cu. yds. structure excavation;
(7) 650 lin. ft. 8-in. pref. metal pipe underdrains;
(8) 650 M gals. water;
(9) 5200 tons screenings in stockpiles.

Plans and specifications obtainable from above office, and on file at the office of the District Engineers in San Francisco, Los Angeles and the district in which the work is situated.

BIDS WANTED

BAKER COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.63 miles pavement resurfacing on Tenth Street - Powder River Unit, Baker Section of Old Oregon Trail. U.S.P.W. Project NRM 154-E, in Baker County.

The work requires approximately 1750 lin. ft. concrete curb and 3300 tons asphaltic concrete.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

WASCO COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 1.23 miles grading, surfacing and penetration type bituminous macadam wearing surface, and 432 lin. ft. of pavement widening and surfacing on the West Entrance of The Dalles Section of Columbia River Highway, in Wasco County. U.S.P.W. Project Nos. NHR 36-A and 36-C.

The work involves approx. 41,000 cu. yds. excavation; 310 lin. ft. concrete curbs; 1100 lin. ft. cable guard fence; 9,500 cu. yds. roadbed topping; 3,000 cu. yds. gravel surfacing and shoulder materials; 14,400 sq. yds. penetration type bituminous macadam wearing surface, and 1500 tons asphalt concrete.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

NOTICE TO BIDDERS

TULARE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed projects in Tulare County, between 1 mile and 7 miles east of Tulare, (Road VI-Tul-134-B), for which bids are to be received in Sacramento on March 6, 1935.

Said representative will meet prospective bidders at Tulare Hotel in Tulare on Friday, March 1, 1935, at 10:00 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above date.

BIDS WANTED

CLATSOP COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.89 mile grading, paving and pavement widening and resurfacing on the Florence Ave.—Erie Ave. Unit, Astoria Section of Oregon Coast Highway in Clatsop County. U.S.P.W. Project No. NRM 194-B.

The work involves approximately 10 000 cu. yds. excavation; 1200 cu. yds. rock embankment; 3400 sq. yds. Portland cement concrete pavement; 1500 sq. yds. Portland cement concrete base; 1080 tons asphaltic concrete pavement, and 1700 cu. yds. rock shoulders.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

JACKSON COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.45 mile grading, paving and pavement widening and resurfacing on the Gold Hill Section of Pacific Highway in Jackson County; U. S. P. W. Project No. NRM 131-G.

The work involves approximately 2000 cu. yds. excavation; 3550 sq. yds. Portland cement concrete pavement; 580 sq. yds. Portland cement concrete base; 1100 tons asphaltic concrete pavement, and 800 cu. yds. rock or gravel base shoulders.

Plans and specifications obtainable from State Highway Commission, Rm. 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

LANE COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregan State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 3.3 miles surfacing and oil mat surface treatment, and furnishing crushed material in stock piles on the Elmira Section of Territorial Secondary Highway in Lane County. U.S.P.W. Project No. NRS 247.

The work involves approximately 1700 cu. yds. earth shoulders; 3500 cu. yds. surfacing materials; 87,500 sq. yds. oil mat surface treatment, and 200 cu. yds. crushed rock or crushed gravel in stock piles.

Plans and specifications obtinable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

LANE COUNTY, Oregon — Until February 28, 9 A. M., bids will be received by the Oregan State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.53 mile pavement widening on the Fifteenth Street-Sixth Street Unit, Junction City Section, in Lane County. U.S.P.W. Project No. NRM 105-B.

The work involves approximately 2200 cu. yds. excavation; 2450 lin. ft. integral concrete curb and gutter; 450 lin. ft. concrete curb, and 7900 sq. yds. Portland cement concrete pavement.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

MARION COUNTY, Oregon—Until Feb. 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.27 mile oil mat surface treatment; 64 miles surfacing and penetration type bituminous macadam wearing surface and furnishing crushed rock or crushed gravel in stock pile on the Salem-Pringle Creek Section of Morningside Secondary Highway in Marion County. U.S.P.W. Project No. NRS 243.

The work involves 2600 cu. yds. excavation; 9000 cu. yds. surfacing materials; 3200 sq. yds. oil mat surface treatment; 19,300 sq. yds. penetration type bituminous macadam, and 2000 cu. yds., crushed rock or crushed gravel in stock piles.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED

SAN FRANCISCO — E. J. Treacy, 309 Call Bldg., San Francisco, at $382 submitted low bid and awarded contract by Department of Public Works, City Hall, for the construction of an asphalt macadam sidewalk from Van Ness Ave. to Dock 4, Fort Mason.

Complete bids follow

E. J. Treacy	$382
Fay Improvement Co.	455
D. C. McCabe	469
M. Bertolino	500

BIDS WANTED

TILLAMOOK COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by Oregon State Highway Commission, R. H. Baldock State Highway Engineer, Audotirium, 3rd Floor, Public Service Bldg., Portland, for 0.71 mile grading on the Netarney Creek Section of Oregon Coast Highway in Tillamook County. U. S. P. W. Project No. NHH 180-D

The work involves approximately 62,000 cu. yds. excavation.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

BAKER AND UNION COUNTIES, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer Auditorium, 3rd Floor, Public Service Bldg., Portland, for furnishing approximately 6000 cu. yds. crushed rock in stock piles on the North Powder-Haines Rock Production Project on Old Oregon Trail, in Baker and Union Counties. State Project.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

BIDS OPENED

BONNEVILLE, Oregon. — Parker-Schram Co., Couch Bldg., Portland, at $61,860 submitted low bid to the U. S. Engineer Office, Portland, Feb 13, under bid No. 35-426, for the construction of permanent road system and landscaping at Bonneville Dam, involving:

(1) 7 acres clearing;
(2) 8,000 c.y. Class A borrow;
(3) 35,000 c.y. Class B borrow;
(4) 75,000 c.y. Class C borrow;
(5) 3,000,000 sta. yds. overhaul;
(6) 3,000 c.y. crushed rock or gravel, in place;
(7) 250 hours roller, including fuel, supplies and operator.

Complete bids follow:

Parker - Schram Co., Portland	$ 61,860
Guthrie - McDougall Co., Portland	66,935
Orino, Bell & Malcolm, Bonneville	68,150
G. F. Atkinson Co., San Francisco and Portland	71,420
Kern & Kibbe, Portland	74,580
A. C. Greenwood & Co., Inc., Portland	81,290
P. L. Crooks & Co., Portland	94,550
Joplin & Eldon, Portland	94,850
Harold Blake, Portland	100,475
H. G. Johnson, Portland	100,550
Engineer's estimate	84,250

BIDS WANTED

YAMHILL COUNTY, Oregon—Until February 28, 9 A. M., bids will be received by the Oregon State Highway Commision, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for 0.38 mile grading and paving on the Newberg-Chehalem Creek Section of West Side Pacific Highway, in Yamhill County. U.S.P.W. Projects Nos. NRM 52-A and NKH 52-B.

The work involves approximately 12,000 cu. yds. excavation; 580 lin. ft. concrete curb; 260 sq. yds. concrete sidewalk; 6950 sq. yds. Portland cement concrete paving; 2900 cu. yds. crushed rock or crushed gravel surfacing and shoulders, and 14,700 sq. yds. oil mat surface treatment.

Plans and specifications obtainable from the State Highway Commission, Room 322 State Office Bldg., Salem, upon deposit of $5.

PROJECT APPROVED

TEHAMA COUNTY, Cal. — SERA has approved appropriation of $4560 for production of 4000 cu. yds. single screened gravel to be used on Tehama County roads. L. J. Moon of Tehama County will supervise the project, which will employ 20 laborers.

Section 34.66 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

●

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

California Asks $8,000,000 For State Buildings

NRA Ruling Curbs Code Authorities

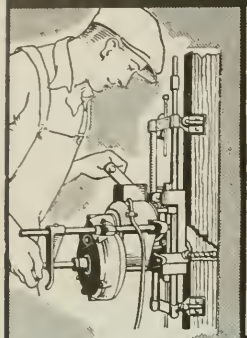
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

MARCH 2, 1935

Vol. XVIII—No. 9

WAPPAT Electric TOOLS



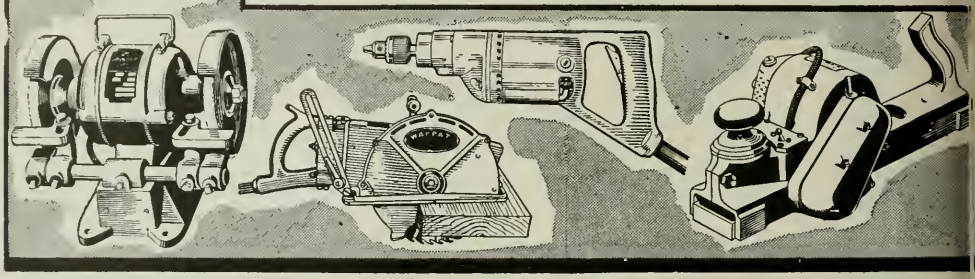
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street

Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

'ol. XVIII SAN FRANCISCO, CALIF., MARCH 2, 1935 No. 9

:VERS NAMES INSPECTORS ON FHA BUILDING

Architects in Northern Califor-n'a Selected to Represent Federal Agency

Appointment of a staff of twen-y-seven architects who will serve 's architectural inspectors for the Federal Housing Administration in Northern California is announced by Albert J. Evers, architectural advisor for the Northern California District. Other appointments will be announced shortly, completing an effective organization to facilitate handling loan applications under Title II of the National Housing Act.

Mr. Evers reports approximately a hundred loan applications received in his office to date, with an increasing volume from week to week. An architect's report is required on all existing properties submitted for loan insurance and on all plans offered for new building. The FHA requires plans and specifications up to the standard of architectural practice on all new buildings proposed for loans.

The architects selected by Mr. Evers in each locality will perform valuation work and risk rating inspections for the FHA and act as inspectors on new building financed through insured loans. They will be compensated by fees on each assigned project.

Mr. Evers has appointed the following architects, to date:

Newton Ackerman and Franklin T. Georgeson, **Eureka**; Harris C. Allen, Wm. C. Ambrose, Walter T. Steilberg, Louis M. Upton, **Berkeley**; Chas. Butner, **Salinas**; Birge M. Clark, Henry C. Collins, **Palo Alto**; J. Upton Clowdsley, Peter Sala, **Stockton**; Chester Cole, **Chico** Clarence Dakin, **Redding**; Walter C. Falcb, **Mill Valley**; Edward F. Flanders, Herbert C. Goodpastor, Frederick S. Harrison, **Sacramento** J. Kendall Masten, Albert Winter, **San Francisco**: Chester Miller, **Oakland**: James M. Mitcthell, Wallace A. Stenhen, **Burlingame**: James T. Narbett, **Richmond**: C. J. Ryland, **Monterey**: Norman W Sexton, **San Rafael**: Frederick I. Swartz, **Fesno**; Ralph Wyckoff, **San Jose**.

S. F. BOND SALE REDUCING PWA LOAN OBLIGATION

Disposal of City's Securities Enables Govt to Withdraw Committment

Loan allotments to San Francisco for projects under construction with PWA aid have been reduced by Administration Harold L. Ickes due to sale of the city's securities in the open market, city officials have been notified. The action does not affect the sums granted, the Federal government participating to the extent of 30 per cent of the cost of labor and materials.

Bonds that have been offered to date to finance work thus far contracted have been sold a record low interest rates, materially reducing the cost to the city of financing, below that offered by the government which agreed to purchase the bonds at 4 percent interest.

As a result of the sales PWA has reduced the loan and grant for sewer construction and sewage disposal plants from $2,625,000 to $2,187,000. The city has sold $438,000 of the sewer bonds.

The loan and grant of $10,771,000 for water department improvements has been reduced to $10,101,000. The original allotment was $12,095,000, already reduced once by sale of the initial block of bonds.

Loan and grant of $260,000 for the airport improvements has been changed to a grant of $55,000 only.

The Public Utilities Commission is negotiating now for an increased grant toward the cost of raising O'Shaugnessy Dam, which will exceed estimates made before the project was approved by PWA. The increase is due to higher costs of labor and materials and to changes in specifications required by the U. S. Reclamation Service engineers.

Application has been made for a grant of $1,068,529 on an estimated final cost of $4,081,965 in place of the present allotment of $2,702,000 for purchase of the city's bonds and a 30 percent grant. The original cost was figured at $3,500,000.

The low bid of Transbay Construction Company, San Francisco, at $3,219,965 for the contract on the main structure is being held until the government decision is reached.

U. S. BUILDING IN JANUARY INCREASES 27%

Figures Show Seasonal Trend Reversed In Most Sections

Despite the rather severe weather conditions which prevailed during January in most sections of the country, the volume of building permits showed a marked increase, as compared with December and the corresponding month of 1934. Permits issued in 215 cities regularly reporting to Dun & Bradsteet, Inc., represented an estimated value of $26,811,499, compared with $21,125,723 for December. An increase of 26.9 per cent is here shown, which compares with a usual seasonal decrease of about 12 per cent for this period. Compared with like month of 1934, when permits amounted to $20,825,055, the January total shows a rise of 28.7 per cent.

At New York City permits last month amounted to $5,806,663, an increase of 59.2 per cent over December, and 29.4 per cent above the same month of 1934. The January total at the 214 cities outside of New York aggregated $21,004,836, a gain of 20.2 per cent over the previous month, and of 28.6 per cent over the same month a year ago.

Every section of the country reported larger permit totals in January than in December ,except the New England States. The best showing was made by the South Central States, which reported an increase of 100.9 per cent. The Mountain group came next with a gain of 52.3, followed by the Pacific and Middle Atlantic groups with increases of 37.1 and 33.5 per cent, respectively.

The group totals of building permit values for the 215 cities for January, this year and last, are shown in the following table:

	January 1935	January 1934
New England	$1,122,635	$1,363,489
Middle Atlantic	7,498,769	6,678,644
South Atlantic	2,629,645	3,047,910
East Central	3,801,499	3,290,391
South Central	4,495,751	1,962,510
West Central	1,461,395	1,010,237
Mountain	605,400	222,702
Pacific	5,196,405	3,249,172
Total U. S.	$26,811,499	$20,825,055
N. Y. City	$ 5,806,663	$ 4,488,544
Outside N. Y. C.	$21,004,836	$16,336,511

329 Contractors Qualified to Bid State Highway Construction Jobs

There were 329 contractors qualified to bid on California State Division of Highways work as of June 30, 1934, according to the biennial report of C. S. Pope, construction engineer. Some were qualified for all types of work and some for only those types in which they were particularly experienced and equipped.

Mr. Pope's report states:

The statute of prequalification of bidders has been amended to that now such prequalification is compulsory. Prequalification is based on statements made by the contractor on a standard form furnished by the state indicating experience in various types of construction, equipment available, financial status and type of work for which rating is requested. In order for the contractor to qualify for work in excess of $50,000 his statement must be made under oath and his financial condition sworn to by a certified public accountant. A statement may be filed at any time of the year but it must show the condition as of a date not more than six month prior to its filing. Unless a new statement is demanded, it is retained as active until the financial condition shown is of a date fifteen months prior thereto. In order to obtain a proposal form for bidding purposes the contractor must have qualified not less than five days in advance of the time set for the opening of bids.

The number of contractors qualified to bid on work of various amounts are as follows:

QUALIFIED CONTRACTORS

Est. Cost of Work	1933-34	1931-32
Up to $50,000	114	105
$50,000 to $125,000	29	25
$125,000 to $250,000	44	61
$250,000 to $1,000,000	80	93
$1,000,000 and over	62	53
Total	329	337

Prequalification has been refused in a number of cases where statemets are unsatisfactory. On contracts with an estimated cost under $15,000, bids for which are received and opened by the district engineers, requalification is not required.

While, on the whole, prequalification has been successful, it has not entirely eliminated contractors' failures. During the biennium one contractor abandoned his work and seven others required the open assistance of their bonding companies in order to complete their obligations.

Highly competitive bidding as the result of economic conditions has resulted in an unusual number of claims by contractors. Some are not without merit, but others are little more than requests for a gift to lessen the losses. By far the greater number of these claims are adjusted or denied in the district offices, but in some cases, at the request of the district engineer and contractor, claims have been referred to the headquarters construction office for review and recommendation.

In such cases an independent investigation is made of all claims submitted and conferences held at which the contractor can present in an informal way any witnesses and any data which he desires. District employees connected with the work are in attendance to present the state's side. Usually these conferences are successful in bringing about a settlement which is mutually satisfactory and which avoids the expense and delay of litigation. During the past two years only three claimants have refused to accept the recommendation of the headquarters office and have filed suit against the state. These three cases have not yet come to trial.

The following tabulation presents not entirely eliminated contractors' approximate data on claims reaching the construction department for settlement during the biennium:

Claims filed and analyzed by the Construction Dept.	30
Approximate total of claims	$325,000
Approximate allowance approvedafter conferences	48,000
Claims on which an agreement could not be reached	3
Claims still pending	5

HIGHWAY BIDS OPENED IN L. A.

LOS ANGELES, Feb. 28.—Los Angeles Paving Co., Los Angeles, at $111,222 today submitted the low bid to the State Highway Commission for grading and paving 3.4 miles between Winter Canyon and Los Flores Canyon with portland cement concrete. Second low bid was submitted by P. J. Akmadzich, at $117,426. Sharp & Fellows Contracting Co., at $117,535 was third.

B. G. Carroll, San Diego, was low bidder $64,147 for grading and paving about two miles with portland cement concrete between Riverside Avenue and Colton, San Benardino County.

Low bid on a contract for grading shoulders and constructing borders on 21 miles in Imperial county between East Highline Canal and Sand Hills was submitted by Oswald Bros., Los Angeles, at $45,547.

ART FEDERATION FILES PROTEST ON SPAN COLOR

Letter Asks Further Data From Engineers Relative To Paint Choice

Objection to selecting the paint for the San Francisco-Oakland Bay Crossing only on a basis of economy is expressed in a communication to Chief Engineer C. H. Purcell from the San Francisco Federation of Arts.

"Within reasonable limits, economy must be considered; but it is our conviction that this structure is far too important in its effect on the appearance of the entire San Francisco bay area to admit of solution on the basis of economy alone," states the letter to Mr. Purcell.

The federation asks for a statement of the difference in cost of jet black paint as now specified for the final coat in comparison with a color recommended by the Board of Consulting Architects.

Chief Engineer Purcell previously had advised the organization that a single coat of paint for the structure costs about $300,000.

"After the bridge is completed, a year or two more life on any coat will save an enormous amount of money," stated Mr. Purcell. "Any light color of paint on the bay bridge would soon become very dirty from the great amount of soot and dust flying in the air almost continually over the bay. It is very questionable whether or not aluminum or gray point would maintain a satisfactory appearance without continual cleaning which would be very expensive.

"We realize that many people, who are not fully familiar with the great cost that might accrue in maintaining this bridge, are in favor of either a gray or light-colored paint. We feel sure that if they investigate the matter from an economic standpoint, they will have a different feeling in the matter.

"The question of aluminum paint was fully considered prior to the writing of specifications, but was rejected for two principal reasons; first, the records of life on aluminum paint in coast exposures in California had not been as good as those of the paint being used; second, the architects objected to the color."

The San Francisco Federation of Arts includes among its member organizations, Northern California Chapter, A.I.A., Association of San Francisco Architects and Pacific Coast Chapter, American Society of Landscape Architects. Irving F. Morrow is president and J. Francis Ward secretary of the Federation.

6,000 TONS OF S. F. TOWER STEEL ERECTED

Contractor Sets Record; Pace Assures Early Completion Of Structure

Erection of more than 6,000 tons of steel sections on the south tower of the Golden Gate Bridge since February 1 has established a new record, according to the weekly progress report of Chief Engineer Jos. B. Strauss.

This amount is in excess of 25 per cent of the total tower steel and brings the tower to an elevation of 242 feet. This is above deck level. Indications are that the structure will be entirely completed far in advance of September 1, the scheduled date.

Fifteen gangs of riveters are following close behind the steel erectors. The total number of men working on the tower alone is 180.

All steel sections of the San Francisco tower up to an elevation of 500 ft., as well as the cable saddles for both legs, have been shipped from the eastern shops and the remaining tower steel will have arrived here long before it is actually needed.

The tower bracing below the deck level will be erected this week, the material already having been brought by barge to the loading dock at the site.

Derricks and other equipment for the cable contractor have been installed on top of the Marin tower and considerable work has been completed at the cable assembly plant at California City near the State Nautical School.

This includes the foundations, which will support the heavy winding machinery. Within the next ten days steel will be erected for the cable winding shop.

Assistant Chief Engineer Chas. M. Jones and Walter Joyce, who will be resident engineer for the John A. Roeblings Sons Company, when the cable spinning job commences, arrived here the latter part of last week to inspect the job and confer with local officials of the Roeblings concern so that they will have everything in readiness to start the cable spinning immediately upon completion of the San Francisco tower.

In connection with the cable job, work has been resumed on the Marin anchorage. Excavations are under way for the foundations of the anchorage housing and a crew of carpenters is engaged in building forms for the weight block. The anchorage housing on the San Francisco side is going forward rapidly, work having been speeded up in order to provide needed space for the cable contractor. The housing walls and interior framing are practically 30 per cent complete and the big pylon to the rear of Fort Scott has been carried to an elevation of 105 feet.

NRA Ruling Blocks Code Authorities From Requiring Sub-bid Withdrawal

Code authorities and administrative agencies cannot impose penalties upon alleged violators beyond those stipulated by the National Recovery Act, according to a recent NRA ruling and opinions by the Construction Code Authority counsel, reports "Engineering News-Record."

"These rulings have important bearing on the present practice of forcing sub-contractors to withdraw bids because of some violation, a practice which has caused consternation in the ranks of general contractors who often suffer financial losses when a low sub-bid is declared void after it has been used," the report points out.

"Robert N. Campbell, acting division administrator, directs attention to the fact that penalties for violations of codes are set forth in the Recovery Act, and that it is clearly beyond the powers of a code authority to attempt to impose additional penalties. He states that a number of cases have been presented in which code authorities or their agencies, have been causing bidders to withdraw bids for alleged violations of the respective codes; that the power of a code authority is limited to recommendation with respect to alleged violations and does not include the power to finally determine that a violation does exist, and therefore it is improper to cause the bidder to withdraw his bid although a violation may have been proven to the satisfaction of the code authority. Further, each code authority is responsible for the actions of any subordinate administrative agency.

"The ruling is in line with the opinion of the attorney general some months ago to the effect that a code could not include a compulsory system of liquidated damages since the Recovery Administration was without power to impose penalties for violation of the codes beyond those prescribed in the Act.

General Contractors Object

"The necessity for this ruling was brought out in numerous cases in which local code administrative agencies have caused members of the divisions to withdraw their bids for alleged non-compliance, such as not filing duplicate copies of the bid in designated bid depositories, or, as was more often the case, of quoting a price considered to be below cost. The practice has been strenuously objected to by general contractors who complained that they were being subjected to financial loss after having quoted a price based on sub-bids received. They have contended that the general contractor should not be penalized in this manner, or used as the medium for enforcing sub-contractor code chapters.

"On the other hand, the sub-contractor groups have argued that if a sub-contractor is violating the code, and is allowed to proceed with the work, he may be entirely willing to gamble on being penalized under the code, and even if he is penalized, favorable breaks on the job might afford the basis of offsetting the penalty. At the same time, those who have complied with the code are discouraged by the fact that the violator is permitted to secure the job despite a disregard of industry regulations. Slowness in the operating of the compliance machinery and the many technical loopholes which appear, are cited as justification for the code authorities influencing the withdrawal of bids in outstanding cases.

Bidding Below Cost

"The practice has concentrated chiefly about the withdrawal of bids for alleged bidding below cost. While mistakes in estimating occur occasionally in the quantities of material required, or the cost of such materials, more frequently the labor cost is the deciding factor which involves attempts to under-cut the minimum wage rates fixed by area agreements or by the code. Because of the difficulty of making a close check upon the rates paid on all jobs, even on those where under-cutting may be suspected, some groups have contended that it is necessary to examine carefully the pricing before the work is undertaken.

"The construction code does not permit duplicate bids to be opened and tabulated until after the general contractor has used the sub-bids and submitted his price. Hence the withdrawal of bids may strike the general contractor even after he has accepted the award of the contract. However, he is charged by the code not to use bids which are so unduly low as to indicate an error or mistake in estimating, without giving the bidder an opportunity to demonstrate the correctness of the bid.

"In one related industry, the practice is followed of checking the bids submitted to a general contractor before the general contractor submits his price. However, this practice is not permitted by the construction code, and has generally been considered undesirable because of possible charges of collusion, and the difficult problem of keeping control over hundreds of administrative agencies throughout the country."

$8,000,000 PWA Money Asked For Improvements at State Institutions

Applications for a share in the Federal public works fund totaling $8,000,000 have been filed by the State of California, from which it is hoped to construct necessary prison additions and other institutional buildings. The new application supplements previous requests submitted by the state for financing of contemplated public works.

Principal item in the supplemental application is $3,806,000 for construction of a Southern California prison and additions to three existing state prisons.

Folsom Prison, overcrowded to the extent of 95 per cent, would get $539,000 under the amended application for a new cell block, a new kitchen and commissary, a water system and miscellaneous improvements.

The application also asks $1,897,000 for San Quentin Prison, 78 per cent overcrowded, for a new cell block, a new jute mill, an assembly hall and new cottages, and to complete the industrial building.

More Cottages Planned

Additional cottages would be added to the women's prison at Tehachapi, which, the records reveal, already has become 2.7 per cent overcrowded.

Improvements scheduled for the Chico State Teachers' College, should federal work relief funds become available, total $604,000.

Listed for construction are: A men's gymnasium, $126,500; a training school building, $220,000; new science unit, $137,500; improvements to the athletic field, $16,500; connecting wing between the library and main building, $69,500 and a boiler room wing, $34,000.

At the College of Agriculture at Davis, a branch of the University of California, the department has scheduled a plants science building and additions to the horticultural building, estimated at $550,000; a fire protection reservoir, $73,000; development of Armstrong Track, $55,000, and road paving, $75,000.

The largest items listed for the University of California are a new administration buildng to cost $520-000 and a new hospital in San Francisco, $480,000.

WATSONVILLE BUILDERS ELECT NEW OFFICERS

E. J. Purtill of Pajaro Valley Electric Company was elected president of the Watsonville Builders' Exchange at the annual meeting. Other officers elected are: C. H. Hushbeck, vice - president; J. T. Taylor, secretary; A. L. Short, treasurer.

The following were elected representatives on the central council of the exchange:

General contractors, A. L. Short, Roy Hunter, Harry Biddle; painters, Geo. Hedrick, Jack Seekins; plumbers, A. P. Beck, Mel Martin; electricians, Oscar Brugler; concrete contractors, C. R. Hushbeck; brick contractors, Frank Hair; plasterers, Robert Orr; lathers, Claude French. Representatives of the hardwood floor contractors and material dealers on the council will be named later

FEDERAL WORKS BILL CONTAINS CONTRACT CLAUSE

Industry Urged To Support Amendment Assuring Protection of Expenditures

Further assurance that the contractor will be favored in expenditure of the bulk of money under the proposed four-billion dollar public works program is contained in advices received here yesterday form Washington by Floyd O. Booe, secretary-manager of Northern California Chapter, Associated General Contractors.

The Amendment to the bill, advocated by A.G.C., providing that contracting organizations will be used wherever possible has been reported favorably to the Senate, Mr. Booe was notified in a letter from Harry J. Kirk, manager of the Highway Division of A.G.C. An amendment proposed by the Plumbers' Association requiring the contract system wherever 10 percent of skilled labor might be used was defeated in committee.

Mr. Kirk's letter stated:

"Mr. Hayden will offer an amendment on the floor of the Senate providing that monies for highway construction be expended under provisions of the Federal Aid Act. While this amendment does not attempt to earmark any funds, we believe that highway contractors should be in favor of it, because of the well known fairness and business-like policies of the Bureau of Public Roads."

Support of the amendments safeguarding contract work and giving the bureau supervision of highway funds is urged of all branches of the construction industry by Mr. Kirk. The bill as it passed the House of Representatives did not contain either of these amendments.

HILL APPOINTED DIVISION ENGINEER

Charles Hill, resident engineer for Nevada State Highway Department at Reno, has been appointed division highway engineer for the Tonopah district by State Highway Engineer S. C. Durkee. He will succeed John C. Rodder on March 1st.

GUADALUPE DAM BIDS CALLED FOR MARCH 13

Santa Clara District Also Taking Figures on Gate and Valve Equipment

Bids for construction of the Guadalupe detention dam will be received by directors of Santa Clara Valley Water Conservation District, March 13. This is the fifth dam of the district's $2,673,000 water conservation project to be placed under construction.

Guadalupe dam will be an earth fill structure with concrete facing on the upstream side and concrete spillway. It will be 730 ft. in length at the crest and 100 feet in height. It will store 3500 acre-feet of water. The site is on Guadalupe Creek about seven miles southeast of Los Gatos.

Four other dams are being constructed for the district in the same vicinity, under contract as follows:

Vasona Dam and Canal, Carl N. Swenson, San Jose, $100,943.

Almaden-Calero Dams and Almaden-Calero Conduit, F. O. Bohnett, Campbell, and D. McDonald, Sacramento, $372,020.

Stevens Creek Dam, F. O. Bohnett, Campbell, and D. McDonald, Sacramento $174,670.

The district also is receiving bids March 13 for furnishing gates, valves and appurtenances for the outlet control works at each of the five dams. Eight gate units will be required, including in each unit one hydraulically operated 42-inch slide gate and operating mechanism, one special cast iron taper, one 30-inch butterfly valve and one 2-foot section of 30-inch steel pipe.

Specifications and bid forms are available at the office of Chief Engineer Fred H. Tibbetts, Alaska Commercial Building, San Francisco. The bids will be received at the district offices in San Jose.

CROSS AUTHOR OF LABOR HISTORY

A comprehensive history of the labor movement in California from the pen of Dr. Ira B. Cross, Profesor of Economics on the Flood Foundation in the University of California, has just been issued by the University Press. The work takes up the development of the labor movement from the Mission Era, which began toward the close of the 18th century, until the General Strike in San Francisco in the summer of 1934.

As explained in the preface, however, events of labor organization and history are explained in detail only up to 1901, in order to provide the historical background necessary for an understanding of the present position of labor in the state. Only a few of the more noteworthy events after that year are touched on.

ELEVEN STATES PWA PROGRAMS OVER BILLION

Administration Lists Requests For Share in Construction Fund

Projects exceeding 1356 millions in estimated construction expenditure have been submitted to the Federal Emergency Public Works Administration for consideration by eleven western states where authorities recently completed an inventory of necessary work that might be eligible for the expected new federal appropriation.

The Public Works Administration revealed yesterday that it had a list of 60,000 tentative projects totaling more than 8,500 million dollars on which work can be started at an early date.

The greater part of them are self-liquidating non-federal projects. Including were 16,033 street and highway projects ,totaling $1,822,563,835; 2,200 grade crossing eliminations, $333,756,593; 13,408 school construction projects, $638,662,524; 4307 recreation projects, $2,000,000,000; 456 airports and landing fields, $29,489,119; 1,862 heavy engineering structures, $1,803,888,743; 2,629 drainage and flood control ventures $1,186,466,210.

Following are the amounts requested by each of the eleven western states:

	Projects	Cost
Arizona	46	$ 53,805,537
California	970	130,064,410
Colorado	351	32,710,350
Idaho	824	76,112,546
Montana	1139	170,863,823
Nevada	166	8,595,481
New Mexico	611	51,917,132
Oregon	2102	460,237,888
Utah	1547	74,950,540
Washington	2820	261,440,168
Wyoming	328	41,080,751

Deputy Director of State Works Examination Set

Notice of an examination for the post of deputy director in the State Department of Public Works has been given by the State Personnel Board. Applicants are required to file notice of intention to take the examination not later than March 9. The examination will be held March 16.

The purpose of the examination is to obtain eligibles to certify to the position which is now filled under a temporary appointment in the headquarters office at Sacramento.

Minimum requirements are education equivalent to graduation from college, preferably with specialization in engineering and extensive experience in an administrative capacity in a large commercial or governmental organization, or some equivalent in education and similar experience.

The age limits are 35 to 50 years and the salary is $416.66 a month.

FHA CLEARS WAY FOR S. F. HOUSING LOANS

Local Office Authorized To Judge Eligibility of Local Property

Rules of the Federal Housing Administration that temporarily virtually eliminated San Francisco property from consideration for insured mortgage loans under the National Housing Act, have been lifted and the way is clear for unlimited financing of residential building in this city, Clifford C. Anglim, Northern California director of the FHA, announced yesterday. Word of the modification in regulations especially to meet the local problem was received from Administrator James A. Moffett.

"The San Francisco office is authorized now to pass final judgment on the eligibility of property in the city," Mr. Anglim said. "The administration has recognized the use of the twenty-five-foot lot in San Francisco as being a condition peculiar to this community and insofar as the city is concerned will waive the regulation restricting loans to property on which the building does not cover more than thirty per cent of the lot area.

"This should mean inauguration of a sound construction program of major proportions in the city as well as extensive refinancing operations for existing property loans."

Mr. Anglim assisted city officials and real estate men in obtaining the modified ruling. As soon as interpretation of the administration rules disclosed that nearly all San Francisco property would be ineligible Mayor Rossi appointed a committee headed by Charles M. Cadman, chairman of the Better Housing Campaign here, to work with district FHA officials for an exception that would enable local realty to benefit from the housing act. The waiver received yesterday from Washington marked successful completion of the committee's mission.

VALLEJO HOUSING DRIVE PROGRESSING

The Vallejo Better Housing Campaign workers reported a total of $41,000 in repair work signed up during the 12 days of the drive. The goal has been set for $200,000.

PURCHASING AGENT FOR GLENN COUNTY

Glenn County Board of Supervisors have voted to create the office of county purchasing agent who will be in charge of all purchases for supplies and services not exceeding $100 in cost. The salary for the position will be $100 a month.

CITY BUILDING PERMITS GAIN OVER FEB. 1934

School Construction Program Helps Hold Volume Above Year Ago

San Francisco building permits in February were valued at $607,622, an increase over February a year ago when the total was $492,802. The number of permits issued was 450, compared with 319 in the corresponding month a year ago.

The value of private building in all classes is slightly ahead of that last year, but the principal gain is due to increased public building, which is accounted for by the school building program.

The last month compares favorably with January in volume of privately-financed work, although the total for all building is smaller. Residential building as indicated by permits for frame structures gained from $105,750 in January to $164,050 in February. Alterations and repair work increased from $208,483 to $213,144, while the number of permits for this type of work rose from 326 to 394.

Building for the first two months of 1935 totals $1,483,939 compared with $965,692 in the same period of 1934. The number of permits in the first two months was 832 compared with 639.

Following is a comparison of building permits for various classes of work in February of the two years:

Class.	Feb., 1935 No. Pm'ts	Feb., 1935 Est. Cost	Feb., 1934 No. Pm'ts	Feb., 1934 Est. Cost
A	3	$ 11,000	.	$
B	1	3,000		
C	6	12,450	2	16,800
Frames	45	164,050	26	159,090
Alterations	394	213,144	287	196,480
Public	1	203,978	3	106,432
U. S. Govt.	.	.	.	.
State		. .	1	14,000
Total	450	$607,622	319	$492,802

MODERNIZATION LOANS INCREASE $1,218,335

The estimated amount of modernization and repair work reported by field offices of the Federal Housing Administration in all parts of the country, totaled $252,948,856 on February 16. This is an increase of $7,112,569 for the week.

The total amount of insured loans reported to the Administrator by private lending institutions up to February 16 reached $39,688,320, an increase of $1,218,335 for the week. This amount covered 94,147 loans, an increase of 2,797 for the week. Sixteen new insurance contracts were issued during the week to financial institutions, entitling them to lend under the National Housing Act. This brings the number of cooperating lending institutions to 12,472.

On February 16, there were 5,803 community campaigns organized or in the process of organization. This represents an increase of 118 communities over the previous week's total.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
156	Craigh	Swanson	1000
157	Liggett	Owner	2500
158	Nathan	Langfelder	1900
159	Matteson	Owner	1020
160	Flanagan	Blincoe	4000
161	O'Neill	Owner	1786
162	Frank	Owner	9900
163	Kraft	Wold	42000
164	Kilgannon	McCarthy	1000
165	Hibernia	O'Neill	1327
166	Norton	Malloch	4000
167	Anza	Owner	3000
168	Anza	Owner	3000
169	Grosman	Owner	4000

ALTERATIONS
(156) NO. 202 TOWNSEND STREET. Alter restaurant.
Owner—Mrs. H. B. Craigh, 4747 California St., San Francisco.
Architect—Not Given.
Contractor—Swanson Bros., 1241 11th Ave., San Francisco. $1000

ALTERATIONS
(157) SE FOURTH AND BRANNAN Sts. Alter factory.
Owner—Liggett & Meyer Tobacco Co. Premises.
Engineer—H. C. Vensano, 251 Kearny St., San Francisco. $2500

ALTERATIONS
(158) 108 JACKSON ST.; alter warehouse.
Owner—Nathan Property, 108 Jackson.
Architect—Not Given.
Contractor—Langfelder and Schuster, 280 Wawona. $1300

ALTERATIONS
(159) NOfl 2330 TWENTY-EIGHTH Ave. Alter dwelling.
Owner—M. Matteson, Premises.
Architect—Not Given. $1200

DWELLLING
(160) W TWENTY-SCEOND AVE. 150 N Balboa St. Two-story frame dwelling.
Owner—Barbara Flanagan, % Contractor.
Architect—Not Given.
Contractor—C. O. Blincoe, 2663 15th Ave., S. F. $4000

DWELLING
(161) W CARR ST. 100 S Paul St. One-story and basement frame dwelling.
Owner — F. J. O'Neill, 150 Kenwood Way, San Francisco.
Architect—Not Given. $1786

STORES
(162) SE MISSION ST. 100 NE Russia Ave. One-story concrete stores.
Owner—A. B. Frank, 4607 Mission St. San Francisco.
Architect—Not Given. $9900

WAREHOUSE
(163) S GREEN ST. 91 W Front St. Warehouse.
Owner — Kraft-Phenix Cheese Corp., 962 Battery St., San Francisco.
Architect — Kraft - Phenix Cheese Corp., 400 Rush St., Chicago.
Engineer—John B. Leonard, 381 Bush St., San Francisco.
Contractor—C. L. Wold Constr. Co., Ltd., 4412 Fulton St. $42,000

ALTERATIONS
(164) NO. 371 FAIR OAKS ST. Alter flats.
Owner—Mrs. Kilngannon, Premises.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., S. F. $1000

ALTERATIONS
(165) NO. 150 POWELL ST. Alter Stores.
Owner—Hibernia Bank, McAllister & Jones Sts., San Francisco.
Architect—Not Given.
Contractor—Daniel O'Neill, 273 Minna St., San Francisco. $1327

MARKET
(166) E CHURCH 210 N Fifteenth St. One-story frame market.
Owner—Lewis M. Norton, Russ Bldg., San Francisco.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., S. F. $4000

DWELLING
(167) W THIRTY-SECOND AVE. 375 N Balboa. One-story and base-frame dwelling.
Owner—Anza Home Building Co., 1498 36th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(168) W THIRTY-SECOND AVE 350 N Balboa. One-story and base-frame dwelling.
Owner—Anza Home Building Co., 1498 36th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(169) SE URBANO DRIVE 841 W Borica St. One-story and basement frame dwelling.
Owner—W. E. Grosman, 1 Newton St. San Francisco.
Architect—Not Given. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
100	Scammell	Owner	4000
101	Harwood	Harwood	7000
102	Barron	Messinger	2500
103	Andronico	Owner	1000
104	Scammelll	Owner	4500
105	Sprouse	Burks	4600
106	Berkeley	Owner	35000
107	Drury	Owner	3000
108	Greuner	Owner	9000
109	Silverstine	Swanstrom	2000
110	City of Oakland	Owner	26991
111	Hanna	Barr	6000

DWELLING
(100) NO. 3751 ELSTON AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(101) 1935 LEINERT BLVD., **OAKLAND.** Two-story 7-room dwlg.
Owner—Grace S. Harwood, 3514 Lyon Ave., Oakland.
Architect—Not Given.
Contractor — Wm. P. Harwood, 3514 Lyon Ave., Oakland. $7000

PLATFORM
(102) FOOT OF NINTH AVENUE, **OAKLAND.** Concrete loading platform.
Owner — Barron Estate Co., Russ Bldg., San Francisco.
Architect—Ellison & Russell, San Francisco.
Contractor—J. Messinger, 369 Pine St., San Francisco. $2500

STORE
(103) NO. 8727 E-FOURTEENTH St., **OAKLAND.** One-story store
Owner—Athan Andronico, 2002 Pacific Ave., Alameda.
Architect — Geo. M. Cantrell, 1406 Santa Clara Ave., Alameda. $1000

DWELLING
(104) NO. 3745 ELSTON AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont. $4500

ALTERATIONS
(105) NE TWENTY-SECOND AND Adeline Sts., **OAKLAND.** Alterations.
Owner—Sprouse Ritz Co., Los Angeles.
Architect—Not Given.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $4600

ALTERATIONS
(106) NO. 840 COLUSA ST., **BERKELEY.** Alterations.
Owner—Berkeley Board of Education, 2325 Milvia St., Berkeley.
Architect—Not Given. $35,000
NOTE—SERA labor.

ADDITIONS
(107) NO. 822 MENDOCINO ST., **BERKELEY.** Additions.
Owner—Newton B. Drury, Premises.
Architect—Not Given. $3000

STORES
(108) NO. 394-96-98 GRAND AVE., **OAKLAND.** One-story concrete stores.
Owner—Wm. Greuner Jr., 168 Grand Ave., Oakland.
Architect—R. A. Hutchinson, 3433 Andover St., Berkeley. $9000

ADDITION
(109) NO. 700 E-TWENTY-FOURTH St., **OAKLAND.** Three-room addition.
Owner—A. Silverstine, 940 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Geo. Swanstrom, 1615 78th Ave., Oakland. $2000

ALTERATIONS
(110) NW FOURTEENTH AND Washington Streets, **OAKLAND.** Alterations.
Owner—City of Oakland.
Architect—Not Given. $26,991

DWELLING
(111) No. 960 HILLDALE St., **BERKELEY.** Three-story 7-room frame dwelling and garage.
Owner—W. Hanna, 914 Peralta St., Oakland.
Architect—F. L. Confer, 2812 Russell St., Oakland.
Contractor—Robt W. Barr, 874 41st St., Oakland. $6000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

39	Home	Phoenix	87
40	Bodnar	Zelinsky	361
41	Caswell	Whitney	143

ALTERATIONS
(39) LOCATION NOT GIVEN. As to Building Contract dated Dec. 31, 1934, made by Annie E. and Dennis Flynn.

Owner—Home Owners' Loan Corp., City Hall.
Architect—Not Given.
Contractor—Phoenix Simpton Co., 520 Sixth St., San Francisco.
Filed Feb. 21, '35. Dated Feb. 7, '35.
HOLC Contract .....
TOTAL COST, $87.32
Bond, $87.32. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

REPAIRS
(40) 43 BUENA VISTA Terrace; repair bottom rail of sash of window to light well, paint exterior of building, etc.
Owner—Victoria Bodnar, 43 Buena Vista Terrace.
Contractor—D. Zelinsky & Sons, Inc.
Filed Feb. 23, '35. Dated Feb. 13, '35.
Payments not given.
TOTAL COST, $361.00
Bond, $361. Sureties, Glen Falls Indemnity Corp.

DUMBWAITER
(41) LOCATION omitted; furnish and install one "Whiteo" high speed dumbwaiter, 6x10-in.
Owner—Geo. W. Caswell Co., 442 Second Street.
Architetct—Masten & Hurd, 233 Post.
Contractor—Vincent Whitney Co., 130 Tenth Street.
Filed, Feb. 21, '35. Dated, Feb. 6, '35.
First of each month 75%
Usual 35 days ..... balance
TOTAL COST, $143.00
Bond, $72.50. Surety, Pacific Indemnity Co. Limit, 5 calendar days.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
6	Peters	Jensen	10569

RESIDENCE
(6) NO. 5720 WALNUT ST., Oakland. All work for residence
Owner—John Peters.
Architect — Chester H. Treichel, 696 Cleveland St., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Filed Feb. 25, '35. Dated Feb. 25, '35.
Building framed and roof sheathed
Framed and roof sheathed.....$2642
Brown coat plaster on..... 2642
When completed 2642
Usual 35 days..... 2642
TOTAL COST, $10,569
Bond, $5284.50. Surety, American Emp. Ins. Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $750; 17 Masonic Ave.; owner, Gardella Estate, Premises.
ALTER office, $300; 776 Howard St.; owner, J. J. Clayton, 420 34th Ave.; contractor, F. H. Scott, 55 Byington St.
ALTER storeroom, $215; 558-560 Third Ave.; owner, Mrs. E. Stolzenwalt Premises.
ALTER factory, $250; 2199 Folsom St. owner, Estate of Mary Helena Malm, Decd., 415 Hearst Bldg.
SIGN, electric, $150; 326 O'Farrell St. owner, Hotel Waldorf, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $100; 621 Divisadero St.; owner, Burns Club, Prem.; contractor, QRS Neon Corp., Ltd., 960 Potrero Ave.
ALTER dwelling, $20; 146 Beverly St. owner, R. G. Mollere, 45 Beverly.
SIGN, electric, $150; Van Ness Ave. & Geary St.; owner, Arthur Lindburg Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER storage building, $400; 136 Front St.; owner, Joseph Estate Co., 68 Post St.; contractor, Phoenix Simpton Co., 520 6th St.
SIGN, electric, $115; 283 O'Farrell St. owner, Butcher & Longland Liquor Store, Premises; contractor, American Elec. Sign Co., 1740 Eddy St.
SIGN, electric, $100; 617 Gough St.; owner, Gene's Tavern, Prem.; contractor, Apex Elec. Co., 363 Fell.
ALTER warehouse, $900; 2301 Powell St.; owner, Bigelow-Sanford Carpet Co., Furniture Exchange; contractor, Daniel O'Neill, 273 Minna
ALTER offices, $300; 319 Grant Ave.; owner, J. H. Abrahamson, Prem.
ALTER dwelling, $200; 2817 Broderick St.; owner, Mrs. Margaret Derham Premises.
SIGN, electric, $150; 316 Post Street; owner, Del Monte Hotel Properties Co., Del Monte; contracor, Electrical Products Corp., 255 Golden Gate.
ALTER office, $200; 77 Van Ness Ave.; owner, Harry A. Stoll, Prem.
SIGN, electric, $150; 1645 Pacific Ave.; owner, A. Tiscornia, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dwelling, $145; 3031 Balboa St.; owner, Mr. Thompson, Prem.
SIGN, electric, $50; 1673 Market St.; owner, D. R. Mooshy, Premises; contractor, Apex Elec. Co., 363 Fell Street.
ALTER sidewalk lights, $200; 609 Market St.; owner, L. E. Waterman Co., Prem.; contractor, Phoenix Simpton Co., 520 6th St.
SIGN, electric, $250; 528 Powell St.; owner, Tick Tock Restaurant, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER flats, $800; 729 Valencia St.; owner, Dr. O'Rourke, 2825 Bryant.
SIGN, electric, $100; 52 Geary Street; owner, Braun's, premises; contractor, QRS Neon Crop., Ltd., 690 Potrero Ave.
SIGN, electric, $100; 3342 23rd Street owner, W. H. Hood, premises; contractor, Neon Sign Service Co. 1707 Folsom St.
SIGN, electric, $100; 1436 Polk St.; owner, H. L. Heber, premises contractor, Neon Sign Service Co. 1707 Folsom St.
SIGN, $15; 5 Van Ness Ave. South; owner, Van Ness Automart, premises.
SIGN, electric, $100; 3131 Clement St. owner, Chapman's Tavern, premises; contractor, QRS Neon Corp., Ltd., 690 Potrero.
AUTO greasing station, 1-story, $850; 900 Columbus Ave.; owner, The Texas Co., 818 Hearst Bldg.; contractor, Aetna Const. Co., 238 Arleta.
SIGN, electric, $150; 5178 Mission St.; owner, Hashagen's, 5178 Mission St.; contractor, QRS Neon Corp., 690 Potrero.
SIGN, electric, $100; 1049 Bush Street; owner, J. Parente, Jr., premises; contractor, Neon Sign Service Co 1707 Folsom Street.
SIGN, electric, $100; 530 Market St.; owner, Cook & Wickstrom, premises; contractor, Neon Sign Service Co., 1707 Folsom St.
SIGN, electric, $100; 1159 Valencia; owner, Commisky & Connaly, 1159 Valencia St.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER school, $21.50; 50 Kirkham; owner, Robt. MacPherson, premises.
SIGN, electric, $150; 1445 Polk Street; owner, Neece Sewing Machine Co., 1445 Polk St.; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER hotel, $250; 159 Powell St.; owner, Herbert's Hotel, % Contractor; architect, Gardner Dailey, 210 Post St.; contractor, Jacks & Irvine, 74 New Montgomery St.
SIGN, electric, $350; 843 Mission St.; owntr, Keystone Garage, Prem.; contractor, Brumfield Elec. Co., 965 Folsom St
ALTER dwelling, $150; 1121 Clayton St.; owner, Nathaniel Thompson, 2700 Anza St.
SIGN, electric, $50; 3634 Geary St., owner, Friends Place, 3640 Geary St.; contractor, Pioneer Elec. Co. 370 Van Ness Ave.
SIGN, electric, $50; 1380 Bush Street; owner, J. Brunton & Sons, Prem.
ALTER store, $25; 768-A Howard St. owner, John Smyrnos, 939 Howard St.
ALTER garage, $95; 1000 Filbert St.; owner, V. Bricarello and Joseph Beccio, 1000 Filbert St.
ALTER hotel, $40; 160 Eddy St.; owner, Gustave Sutro, Merchants' Exchange Bldg.; contractor, Ocean Shore Iron Works, 550 8th St.
RETAINING wall, $600; 775 Dolores; owner, James Finn, 1324 Larkin St.; architect, Norman W. Green, 55 New Montgomery St.; contractor, Peter Sartorio, 881 Market.
FLUES, $75; 2170 Vallejo St.; owner, H. M. Wolter, Prem.; contractor, John Mrshall, 4447 Mission St.
ALTER workshop, $75; 445 Stevenson St.; owner, O. Kuntz, 3518 Grove St., Oakland; contractor, Phoenix Simpton Co., 520 6th St.
ALTER offices, $150; 1060 Geary St.; owner, H. C. McMartin, Prem.
SIGN, electric, $350; 697 3rd St.; owner, Continental Dairy Lunch, 697 Third St.; contractor, Elec. Prod. Corp., 255 Golden Gate.
ALTER dwelling, $400; 2958 22nd St.; owner, C. Olson, Premises.
ALTER dwelling, $75; 310 Union St.; owner, R. Martinez, Premises.
SERVICE station, one-story Class C $700; SW Third Ave. and Geary St.; owner, Calif. Penn Oil Co., 2637 Bay Shore Blvd.; contractor, Michel & Pfeffer, 10th and Harrison Sts.
ALTER garage, $50; 201 Edinburgh; owner, G. Sontucci, Premises.
SIGN, $35; E Third St. 25 S Meade; owner, C. R. Haley, 354 Bay Shore; contractor, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; W Van Ness Ave. South 160 N 13th St.; owner, Foster & Kleiser Co., 1675 Eddy.
SIGN, electric, $100; Bayshore and Jerrold St.; owner, Standard Station No. 683, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER factory, $200; NW Mission & 20th Sts.; owner, Granat Bros., Premises; contractor, Ed. Rosemont, 176 Duboce Ave.
FLUE, $40; 309 Richland Ave.; owner, A. Weiss, Prem.; contractor, National Sheet Metal Works, 3168 Mission St.
SIGN, electric, $200; 820 Post Street; owner, Russell Cake Shop, Prem.; contractor, Novelty Electric Sign Co., 66 Washburn St.
ALTER store, $900; 2684 Mission St.; owner, Carl Shoe Co., Premises.
ALTER store, $800; 701 Grant Ave.; owner, S. Iwata Trading Co., 253 Post St.; contractor, Geo. Nimmo 804 Montgomery St.
MARKET, fruit, one-story, $400; SW Geneva Ave and Paris; owner, Dom Nickitopoulos, 228 6th St.
GARAGES (3), $65; Next to 2444 Great Highway; owner, Margaret Grant, 1079 Ashbury St.
FLUE, $19; 328 Stanyan St.; owner, Stanley Doyle, Prem.; contractor, Stanley Paul, 138 5th Ave.
BILLBOARD, $6.25; S Howard St. 137 E 12th St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $450; SE Rankin and Palou Sts.; owner, Bill Harrington, 3247 Harrison St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bends
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Construction Postponed Indefinitely.
ALTERATIONS Cost, $7000
SAN FRANCISCO. No. 642 Central Avenue.
Alterations to apartment bldg. (work involves plastering, tile work, plumbing, heating, painting, etc.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

3— CHURCHES

Contracts Awarded.
ALTERATIONS Cost, $2500
SAN RAFAEL, Marin Co., Calif.
Remodel Sacristy in church (all new case work, plumbing, painting).
Owner—Dominican College.
Architect—Arnold Constable, 580 Market Street, San Francisco.
Cabinet Work—Braas and Kuhn, 1917 Bryant St., San Francisco, $1520.
Painting—F. Kiesel, 575 Fulton Street San Francisco, $187.
Plumbing—A. L. Nelson, San Rafael $162.
Tile Work—Scott Co., 243 Minna St., San Francisco, $117.
Oak Floors—American Hardwood Fl Co., 3176 Washington Street, San Francisco.

Contract Awarded.
ALTER CHURCH Cost, $7000
FRESNO, Fresno Co., Cal. Merced and N Streets.
Alterations to church.
Owner—Baptist Church. Premises.
Architect—Not Given.
Contractor—Jolly & Harrington, 834 Arthur St., Fresno.

Preparing Preliminary Plans.
CHURCH Cost, $60,000
SAN FRANCISCO. Twenty - second Ave. and Lawton Streets.
Two-story frame and stucco church (to seat 340) will contain chapel, auditorium, banquet hall, classrooms, officers' rooms, etc.; hydraulic elevator, same steel work, tile and hardwood floors, etc.
Owner—Church of Jesus Christ of Latter Day Saints (President Winter and Bishop White).
Architect—Walter Clifford, 310 Locust St., San Francisco.

Sub-Contracts Awarded.
CHURCH ADDITION Cost, $50,000
OAKLAND, Alameda Co., Cal. No. 1410 Tenth Avenue.
Alterations and additions to present church building (steel and wood construction, stucco exterior, sound proofing, etc.
Owner—Tenth Avenue Baptist Church (Dr. Geo. W. Phillips, Pastor).
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen, 1955 Webster St., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland,
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Electric—Scott Buttner Co., 23rd and Webster Sts., Oakand.
Plumbing—Max Finzel, 2025 Hopkins St., Oakland.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Wood Rolling Doors—Acme Partition Co., Call Bldg., San Francisco.

4— FACTORIES & WAREHOUSES

Contract Awarded.
PACKING SHED Cost, $4,000
SAN JOSE, Santa Clara Co., Cal. N. Tenth and Rosa Streets.
One-story packing shed.
Owner—Southern Pacific Company.
Plans by Engineering Dept. of Owner.
Contractor—Carl C. Maurer, 241 So. Locust St., San Jose.

Contract Awarded.
WAREHOUSE Cost, $1900
SAN FRANCISCO. 108 Jackson St.
Alterations to warehouse.
Owner—Nathan Property, 108 Jackson Street.
Architect—Not Given.
Contractor—Langfelder and Schuster, 280 Wawona Street.

TO ASK BIDS
LOS ANGELES, Cal.—Architect S. C. Lee, 2404 W 7th St., will take bids this week for alterations and additions to an office and factory building at 1662 N Highland Ave., for Max Factor. Work will consist of a four-story side and rear addition and altering the front of the present building to allow for street widening. The entire project will cover an area of 200x140 feet. Reinforced concrete construction, cement plaster facing, structural steel, alminum and structural glass, elevator, concrete, tile, rubber-tile and composition floors, steel sash, steam heating, ornamental iron, plate glass, copper fronts, etc.

Contract Awarded.
PACKING HOUSE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 899 N. Tenth Street.
One-story packing house.
Owner—Southern Pacific R. R. Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Carl Maurer, 241 Locust St., San Jose.

PLANS BEING FIGURED.
LOS ANGELES, Cal.—Architect S. Chas. Lee, 2404 W 7th St., is taking bids for alterations and additions to an office and factory building, 200x140 ft., at 1662 N Highland Ave., for Max Factor. Work will consist of a four-story side and rear addition and altering the front of the present building to allow for street widening. Reinforced concrete construction, cement plaster facing, structural steel, aluminum and structural glass, elevator, concrete, tile, rubber-tile and composition floors, steel sash, steam heating, ornamental iron, plate glass, copper fronts, etc.

To Ask Bids March 1.
PACKING PLANT Cost, $20,000
SANTA CLARA, Santa Clara Co., Cal.
Two - story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer—Ellison and Russell, Pacific Bldg., San Francisco.
Bids will be asked from a selected list of contractors.

Steel Rolling Door Contract Awarded.
ADDITION Cost, $5000
OAKLAND, Alameda Co., Calif. 1249 Sixty-seventh Street.
One - story addition to factory (brick construction).
Owner—F. A. B. Manufacturing Co., 67th and Vallejo Sts., Oakland.
Architect—Not Given.
Contractor—L. R. McWethy, 198 Mountain Ave., Oakland.
Steel Rolling Doors — Acme Partition Co., O. P. Shelley, sales agent, Call Bldg., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCISCO. SE Fourth and Brannan Streets.
Alterations to factory.
Owner—Liggett & Meyer Tobacco Co., Premises.
Engineer—H. C. Vensano, 251 Kearny Street.

PROJECT APPROVED
BURBANK, Los Angeles Co., Cal. —SERA has approved appropriation of $6187 for the construction of a one-story brick repair shop building with office, warehouse, garage, repair shop and blacksmith shop, at 214 W. Lake Street, Burbank. H. I. Stites of the City of Burbank will supervise the project which will give employment to one timekeeper and 11 laborers.

5— FLATS

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. 371 Fairoaks.
Alterations to flats.
Owner—Mrs. Kilgannon, premises.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 14th Avenue.

6—GARAGES & SERVICE STATIONS

Plans Being Prepared.
ALTERATIONS Cost, $5,000
REDWOOD CITY, San Mateo Co., Cal. 2501 Broadway.
Reconstruct service station (steel construction).
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Being Figured.
SERVICE STATION Cost, $7000
SAN MATEO, San Mateo Co., Cal. SE Third Ave. and El Camino.
Steel service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Sub-Bids Being Taken.
FLATS Cost, $15,000
SAN FRANCISCO. NW Fourteenth and Rosemount Sts.

Two two-story and basement frame and stucco flats (2 4-room flats in each); tar and gravel roofs, gas hot air heating system, tile baths, hardwood floors, etc.
Owner and Builder—John Bjorkman, Co Architect.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contracts Awarded.
SERVICE STATION Cost, $7000
SAN MATEO, San Mateo Co., Cal. SE Third Ave. and El Camino.
Steel service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Plumbing—A. H. Dittman, 1109 California Drive, Burlingame.
Electric Wiring—Atlas Electric Co., 135 B St., San Mateo.
Steel—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., S. F.
Concrete—M. Camerotto, 717 S. Grant St., San Mateo.

Contracts Awarded.
SERVICE STATION Cost, $7000
SAN FRANCISCO. SW Octavia and Fulton Streets.
One-story Class A service station and greasing station.
Owner—Standard Oil Co., Inc., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Concrete—Hannah & Wooldridge, 268 Market St., San Francisco.
Plumbing—F. W. Snook, 596 Clay St., San Francisco.
Electric Wiring—Collonan Electric & Mfg. Co., 3201 Mission St., S. F.

7— FEDERAL BUILDINGS

POST OFFICE Cost, $167,000
HUNTINGTON PARK, Los Angeles Co., Calif.
Two-story post office building (94x 138 feet) reinforced concrete walls and floor and roof slabs, tile and composition roofing, structural steel, steel sash, terrazzo, marble and tile work, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—G. F. Campbell Building Co. and Chas. P. Kelly, 346 Bryne Bldg., Los Angeles, $84,940.
Complete bids follow:
C. F. Campbell Building Co. and C. P. Kelly, Los Angeles, $84,940.
Sarver & Zoss, Inc., Los Angeles, $86,163.
Robert E. McKee, Los Angeles, $89,000.
Schuler & McDonald, Inc., Oakland, $89,397.
Wm. P. Nell Co., Ltd., Los Angeles, $90,600.
Wm. MacDonald Constr. Co., St. Louis, Mo., $91,217.
Theodore A. Beyer Corp., Los Angeles, $91,968.
Bids held under advisement.

MATERIAL AWARDS APPROVED.
SANTA CLARA, Santa Clara Co., Calif.—Treasury Department has approved following equipment awards for the construction of the U. S. Post Office at Santa Clara. K. E. Parker Co., 135 South Park St., San Francisco, general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, Hasley-Taylor; gas water heater, Crane Co.; backwater valve, Josam Mfg. Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; boiler, Fitzgibbons; tube and wall radiators, American Radiator Co.; oil heater, Bell & Gossett; nonconducting covering for heating, Plant Rubber & Asbestos Co.; radiator valves, Marsh Valve Co.; lighting distribution panel, Westinghouse Elec. & Mfg. Co.; feeder switch, Westinghouse Elec. & Mfg. Co.; r. c. wire, Triangle Conduit and Cable Co.; flush switches, Hart & Hegemann; glassware, Gill Glass Co. and Moe-Bridges Co.; pendant switches, Pass and Seymour; lighting fixtures, Moe-Bridges Co.

BIDS WANTED.
PEARL HARBOR, T. H. — Until March 13, bids will be received by Bureau of Yards and Docks, Pearl Harbor, for installing tile flooring at the Naval Hospital, Pearl Harbor; Spec. 7895. Estimated cost $1385.

Bids Opened
INSPECTION STATION $67,500
LAURIER, Washington
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Grover C. Gorauch, Wenatchee, Washington.
Complete bids follow:
Grover C. Gorsuch, Wenatchee, Washington $50,710
(1) add 895
(2) add 16,914
S. G. Morin, Spokane, Wash.... 56,734
(1) 8,313
(2) 16,500
J. J. Lohrenz, Spokane, Wash. 59,887
(1) 9,344
(2) 18,000
Butler Constr. Co., Seattle..... 64,643
(1) 986
(2) 19,734

Low Bidders.
POST OFFICE Cost, $167,000
HUNTINGTON PARK, Los Angeles Co., Calif.
Two - story post office building (94x 138 feet) reinforced concrete walls and floor and roof slabs, tile and composition roofing, structural steel, steel sash, terrazzo, marble and tile work, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—G. F. Campbell Building Co. and Chas. P. Kelly, 346 Bryne Bldg., Los Angeles, $84,940.
Second low bid was submitted by Sarver & Zoss, Los Angeles, $86,160.
Complete bids will be given shortly.

Low Bidder.
INSPECTION STATION Cost, $67,500
LAURIER, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Grover G. Gorsuch, Wenatchee, Wash., $50,710.
(5805) 1st report Dec. 31, 1934; 2nd. Feb. 18, 1935.

Plans Being Prepared.
POST OFFICE Cost, $150,000
GRANTS PASS, Oregon. Seventh and E-H Streets.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Contract Awarded.
POST OFFICE Cont. Price $39,214
MONTESANO, Washington.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—Standard Const. Co., Perkins Bldg., Seattle.

BIDS WANTED.
LOS ANGELES, Cal.—Until March 26, 2:30 P. M., bids will be received by the Veterans' Administration, Rm. 764, Arlington Bldg., Washington, D. C., under Project No 938, for alterations to refrigerators in Bldgs No 13 and 117 at the Veterans' Administrations Facility, Los Angeles.
Specifications obtainable from above office or from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto.

Low Bidders.
POST OFFICE Cost, $55,000
OCEANSIDE, San Diego Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—L. F. Dow Co., 414 Rowan Bldg., Los Angeles, $39,740.
Second low bid was submitted by Theodore A. Beyer Corp., Los Angeles, at $41,150.
Complete bids will be published shortly.

Bids Wanted — To Close April 1 1 P. M.
POST OFFICE EXTEN Cost, $110,000
SANTA CRUZ, Santa Cruz Co., Cal.
Extension and remodeling of present post office building (stone and terra cotta exterior, tile roof, etc.)
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from the Treasury Department upon deposit of $15.
Bids were previously opened Aug. 1, 1934, at which time Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco submitted low bid at $87,600, and on original opening June 8, 1934, K. E. Parker Co., 135 South Park, San Francisco, was low bidder at $90,980.

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until March 20, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office at Long Beach.
Specifications may be obtained from above office and from the Custodian of the Building, Long Beach.

BIDS OPENED
LUALUALEI, T. H. — James W. Glover, Honolulu, T. H., at $14,804 submitted low bid to Public Works Office, Naval Station, Lualualei, T. H., for water cooling system at the Naval Station, Lualualei, T. H. Specifications No . 7817. Complete bids follow:
James W. Glover.....$14,804
E. E. Black, Ltd., Honolulu 14,442
Max W. Moody, Honolulu..... 18,196
Bids held under advisement.

Contract Awarded.
POST OFFICE Cont. Price, $54,100
COMPTON, Los Angeles Co., Cal.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Robert E. McKee, 108 W. Sixth St., Los Angeles.

BIDS WANTED.
FLAGSTAFF, Ariz.—Until March 20 10 A. M., bids will be received at the office of the U. S. Property and Disbursing Officer for Arizona, Statehouse Phoenix, for addition to infirmary and installing an underground tank and visible pump for gasoline at the National Guard Camp near Flagstaff. Further information may be had on application.

FUNDS ALLOTTED
BELL, Los Angeles Co., Cal.—The Federal Public Works Administration has allotted an additional $13,000 to the Procurement Division of Treasury

Department, for the construction of the U. S. post office building at Bell. The original allotment was $38,300.

Complete Bid Listing.
POST OFFICE Cost, $39,500
WINSLOW, Arizona.
One-story and basement Post Office Building (83x55 feet); concrete foundation and floors, brick walls stucco exterior, composition roof, steel and wood sash, cast stone, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Robert E. McKee, 108 W. Sixth St., Los Angeles, $40,700
Complete bids follow. (1) deduct:
Robert E. McKee, Los Angeles..$40,700 (1) 310
Olds Bros. Lumber Co., Winslow, Arizona 43,200 (1) 325
Matti Jacobson, Miami, Ariz..... 44,800 (1) 150
Wm. MacDonald Constr. Co., St. Louis., Mo..... 46,369 (1) 150
Wm. Peper Constr. Co., Phoenix, Arizona 47,380 (1) 402
Bids held under advisement.

FUNDS ALLOTTED
KINGMAN, Ariz.—The Federal Public Works Administration has allotted an additional $17,300 to the Procurement Division of the Treasury Department, for the construction of the U. S. post office building at Kingman. The original allotment was $44,000.

BIDS WANTED.
ALBANY, Oregon.—Until March 11, bids will be received by Custodian, U. S. Post Office, Albany, Oregon, for repairs and painting at the U. S. Post Office at Albany.

8— CLUB BUILDING

PROJECT APPROVED.
GRIDLEY, Butte Co., Cal.—SERA has approved appropriation of $1,155 for the construction of a clubhouse at Gridley. Project will be supervised by Arthur Biggers of Gridley and will employ eight laborers.

9— HOSPITALS

Award Recommended.
HOSPITAL Contract Price, $83,120
MADERA, Madera Co., Calif.
One - story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) concrete walls and floors, tile roof, tile partitions, etc.
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Complete bids published Feb. 19.
Board of Supervisors has recommended to the PWA that award be made to Frank J. Reilly, San Francisco, at $83,121.

PROJECT APPROVED.
NIPOMO, San Luis Obispo Co., Cal.—SERA has approved appropriation of $16,458 for remodeling warehouse for temporary hospital, erecting tents, toilets, showers, heating plants, etc., at the Nipomo Transient Camp, Nipomo. James S. Butler of San Luis Obispo County will supervise the project, which will employ 48 laborers.

CONSTRUCTION TO START SHORTLY.
CAMARILLO, Ventura Co., Calif.—Louis A. Geisler, 6212 Middleton St., Huntington Park, will start work this week on the construction of the kitchen and dining room building and the boiler plant at Camarillo State Hospital. In addition to the general contract, which was awarded at $162,593, other awards were made as follows: Eddy Electric Co., 309 E. Weber Ave. Stockton, electrical work at $6403; F. C. Schilling, 3215 Beverly Blvd., Los Angeles, plumbing, heating, ventilating and kitchen equipment at $26,852; York Ice Machinery Corp., 5051 Santa Fe Ave., Los Angeles, refrigerating work at $13,325. The buildings will be reinforced concrete structures with clay tile roofing. Plans were prepared by State Architect Geo. B. McDougall, Sacramento.

BIDS WANTED.
FLAGSTAFF, Ariz.—Until March 20 10 A. M., bids will be received at the office of the U. S. Property and Disbursing Officer for Arizona, Statehouse Phoenix, for the construction of an addition to infirmary building and installing an underground tank and visible pump for gasoline at the National Guard Camp, near Flagstaff. Further information may be had on application.

10— HOTELS

PLANNED.
LAS VEGAS, Nev.—M. M. Tenesch, Las Vegas, has had plans prepared for a 45-room hotel he will erect at 421 S. Fifth St., Los Vegas, to be operated by E. J. Seymour. The building will be a two-story, concrete block structure, 100x100 feet in area, and will be equipped with an air cooling system.

11—ICE & COLD STORAGE PLANTS

CONTRACT AWARDED.
PEARL HARBOR, T. H.—Max W. Moody, P. O. Box 291, Honolulu, T. H., at $9,894 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for replacement of cold storage plant at Pearl Harbor; Spec. No. 7873.

Planned.
REBUILD TANK ROOM Cost, $——
MARYSVILLE, Yuba Co., Cal. Ninth Street.
Rebuild tank room recently destroyed by fire.
Owner—National Ice & Cold Storage Co., 85 Second St., San Francisco.
Plans by Engineering Dept. of Owner. W. W. Williamson, 320 Market St., San Francisco, is doing some immediate repair work on the job at this time.

Plans Completed.
PRE-COOLING PLANT $250,000
PLACERVILLE, Eldorado Co., Cal.
Pre-cooling station and ice storage plant (reinforced concrete and timber construction).
Owner — Placerville Fruit Growers' Association, Placerville.
Architect—Masten, Hurd & Rothe, 233 Post St., San Francisco.
Paul Sherrer, mechanical engineer, 233 Post St., will act as manager of construction.
Construction will start in about 15 days and equipment will be purchased at a later date.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED
SAN FRANCISCO — C. J. Waterhouse, 55 New Montgomery St., at $1275 awarded contract by Department of Public Works for installation of revolving doors at the rotunda entrance to the Controller's Office and Treasurer's Office, City Hall.

BIDS WANTED
SAN FRANCISCO.—Until Feb. 27, bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, City Hall, for covering hot water tank in basement of City Hall with asbestos blocks, plastered and canvassed.
Further particulars may be obtained from John Burns, Supt. of Public Buildings, 484 11th Street.

PLANNED
ARIZONA—A constitutional amendment authorizing bonds totaling $898,775 for improvements to state institutions was submitted to he Arizona state legislature last week. The money would be expended as follows: Improvements to state hospital for the insane, $168,310; construction of a penitentiary for juveniles and improvements to state prison, $468,910; construction of an annex to the state capitol, $261,555.

PROJECT APPROVED
MARIPOSA COUNTY, Cal.—SERA has approved appropriation of $2868 for re-arrange partitions in present building, adding second story on Annex and connecting with main building, extending roof over both buildings of the Mariposa Court House. C. B. Cameron & Son of Mariposa County will supervise the project, which will employ 10 laborers.

BIDS OPENED
SAN FRANCISCO—Asbestos Company of California, 1184 Harrison St., at $45 submitted low bid to Department of Public Works for covering hot water tank in basement of the City Hall with asbestos blocks, plastered and canvassed. Only other bids was submitted by the Western Asbestos Co., at $46. Bids held under advisement.

ADDITIONAL CONTRACTS AWARDED.
SAN LUIS OBISPO, Cal.—Additional contracts awarded by the San Luis Obispo county supervisors for materials to be used in the construction of the first unit of a new county courthouse under construction in San Luis Obispo, are: Pacific Coast Coal Co., metal sash, $1594; Valley Electric Co., electrical materials, $1226.04. Bids for the plumbing, painting and plastering materials are to be re-advertised. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, architects. The building is being built as an SERA project.

PROJECT APPROVED.
SAN DIEGO, Cal.—SERA has approved the expenditure of funds to finance labor costs for the California state building to be erected at the California Pacific International Exposition in San Diego. It will be a wood frame structure, 228x120 feet in area, with stucco exterior, composition roof, wood floors, wood sash, electrical work, plumbing, etc. Cost will total $90,000. Excavation of the site will start immediately.

Planned.
ADDITION Cost, $——
RENO; Washoe Co., Nevada.
Addition to present county courthouse and county jail (new heating system, etc.)
Owner—County of Washoe.
Architect—Not Given.
Plans have been submitted to the county commissioners for approval. Further details will be announced shortly.

Planned.
FIRE HOUSE Cost, $—
SAN JOSE, Santa Clara Co., Calif. Hester District (site to be selected)
Construct new fire house.
Owner—City of San Jose.
Architect—Not Selected.
It is planned to file an application with the SERA to furnish labor.

PROJECT APPROVED.
CARPINTERIA, Santa Barbara Co., Cal.—SERA has approved appropriation of $21,177 for the construction of the Carpinteria Veterans' Memorial Building, Carpinteria. Sole & Murphy of Santa Barbara County will supervise the project, which will employ 25 laborers.

PROJECT APPROVED
OAKLAND, Alameda Co., Cal.—SERA has approved appropriation of $23,560 for reconditioning, painting and altering the Oakland City Hall. George A. Hayes of the City of Oakland will supervise the project which will employ one timekeeper and 47

Bids Opened.
AUDITORIUM Cost, $400,000
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in the balcony; 56-ft. stage, art gallery, little theatre, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel roof trusses, hot air and steam heating system and elevators.
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson, 304 Rowell Bldg., Fresno).
Structural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
Low bids follow:
General Work—Dinwiddle Construction Co., Crocker Bldg., San Francisco, $442,900.
Mechanical Work—Scott Co., 243 Minna St., San Francisco, $88,875.
Electrical Work—Wessell Electric Co. Rt. 2, Box 173, Fresno, $209,960.
Complete bids follow:

General Work

(1) Work complete.
(2) Omitting concrete hall, deduct.
(3) Omitting exhibition gallery (deduct).
(4) Omitting seats as specified (deduct).
(5) Installation of seats of other manufacture than specified (deduct)
(6) Omitting linoleum floor covering (deduct).
(7) Omitting certain stage equipment (deduct).
(8) Roofing according to alternate roofing specifications (deduct).

Dinwiddle Constr. Co., San Francisco	(1)	$442,900
	(2)	25,000
	(3)	13,200
	(4)	17,000
	(5)	.....
	(6)	2,000
	(7)	8,400
	(8)	700
Fredrickson & Watson, Oakland	(1)	458,987
	(2)	26,000
	(3)	14,000
	(4)	17,000
	(5)	1,000
	(6)	2,100
	(7)	8,530
	(8)	1,700

Mechanical Work

(1) Work complete.
(2) Omitting mechanical work in concrete hall (deduct).
(3) Omitting mechanical work in exhibition gallery (deduct).

Scott Co., S. F.	(1)	$ 88,373
	(2)	5,607
	(3)	3,732
Hately & Hately, Sacto.	(1)	89,555
	(2)	5,428
	(33	3,369
Barrett-Hicks, Fresno	(1)	89,885
	(2)	6,710
	(3)	4,058

Electrical Work

(1) Work complete.
(2) Omitting electrical work in concrete hall (deduct).
(3) Omitting electrical work in exhibition gallery (deduct).
(4) Omitting motor generator set and panels, telechrome clocks, meters, instruments, etc. (deduct).
(5) Omitting projective room panel and five control switchs, in projection room (deduct).
(6) Omitting public address system (deduct).
(7) Omitting certain stage equipment (deduct).
(8) Omitting certain equipment and wiring under alternate G (deduct).

Wessell Elec. Co., Fresno	(1)	$109,960
	(2)	5,879
	(3)	2,831
	(4)	939
	(5)	1,296
	(6)	2,843
	(7)	1,158
	(8)	4,466
Newbery Elec. Co., L. A.	(1)	$110,961
	(2)	5,830
	(3)	2,850
	(4)	843
	(5)	1,448
	(6)	2,950
	(7)	1,005
	(8)	4,378
Roy Butcher, San Jose	(1)	$111,720
	(2)	5,785
	(3)	2,931
	(4)	912
	(5)	1,100
	(6)	2,940
	(7)	1,088
	(8)	4,640

All bids were rejected and work will be readvertised under new specifications.

14— RESIDENCES

Contract Awarded.
ALTER RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. Mendocino Avenue.
Alterations and additions to frame residence (work involves new plumbing, painting, plastering, etc.)
Owner — N. B. Drury, 822 Mendocino Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—H. J. Schulz, 811 Mendocino Ave., Berkeley.

Segregated Bids Being Taken.
RESIDENCE Sost, $—
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Two-story and basement frame and stucco residence (6 rooms and 2 baths); shake roof, gas hot air heating system, tile baths, hardwood floors, steel sash.
Owner—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Architect—E. I. Snyder, 2101 Shattuck Ave., Berkeley.

Bids In—Held Under Advisement.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Santa Rita Ave.
Two-story frame and stucco residence (8 rooms and 2 baths).
Owner—Dr. Streiss
Architect—H. A. Minton, 525 Market St., San Francisco.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Lot 24, Block 6, Capuchino.
One - story and basement frame and stucco residence.
Owner—Gino Lucchesi, 925 Laguna St. Burlingame.
Architect—Not Given.
Contractor—Dean Mitchell, 1044 Paloma, Burlingame.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. 834 Riverside Drive.
One - story and basement frame and stucco residence (5 rooms).
Owner—L. T. McKenzie, 62 Goerge St., San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 855 Nevada Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. 346 N Fourth Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—J. H. Down, 340 N 4th Street, San Jose.
Architect—Not Given.
Contractor—Morrison W. Reese, 1210 Minnesota Ave., San Jose.

Contract Awarded.
ADDITION Cost, $1500
SAN JOSE, Santa Clara Co., Calif. 624 Margaret Street.
Addition to residence.
Owner—J. S. DeVincenzi, premises.
Contractor—Gibson-Wheeler Co., 19 N Second St., San Jose.

Low Bidder.
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 5720 Walnut Avenue.
One - story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash, oak floors, tile baths, mahogany and pine trim.
Owner—John Peters % Architect.
Architect—Chester Treichel, 596 Cleveland Avenue, Oakland.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $—
WATSONVILLE, Santa Cruz Co., Cal.
1½-story frame and stucco residence (7 rooms and garage).
Owner—Frank S. Thomas, Watsonville
Architect—Allen C. Collins, 237 Cliff Drive, Santa Cruz.

Bids In—Held Under Advisement.
RESIDENCE Cost, $—
OAKLAND, Alameda Co., Calif. Oakmore Estates.
Two-story frame and stucco residence
Owner—J. Van Strough.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Announcement will be made within a few days.

Contract Awarded.
COTTAGE Cost, $3000
SAN JOSE, Santa Clara Co., Cal. 346 North Fourth Street.
One-story frame cottage.
Owner—J. H. Down, 340 N 4th St., San Jose.
Architect—Not Given.
Contractor—M. W. Reese, 1210 Minnesota St., San Jose.

February 22, 1935

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 2, Block 1, Aragon Street.
One-story frame and stucco residence.
Owner—W. Wright, Burlingame.
Architect—Not Given.
Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.

Contract Awardec.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 1935 Leinert Blvd.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Grace S. Harwood, 3514 Lyon Ave., Oakland.
Architect—Not Given.
Contractor—Wm. P. Harwood, 3514 Lyon Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3751 Elston Avenue.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Oakland.
Architect—Not Given.

Bids Wanted—To Close March 7, 11 A. M.
RESIDENCES Cost, $120,000
LONGVIEW, Washington.
Construct sixty houses for Longview Subsistence Homestead Tract.
Owner—United States Government.
Bids to, and plans and specifications obtainable from H. W. MacGregor, Superintendent of Purchases, Division of Subsistence Homesteads, Department of the Interior, Wahington, D. C., upon deposit of $75. Certified check, 5%, 50% performance bond.

Plans Being Figured.
RESIDENCE Cost, $8500
SAN FRANCISCO. Union St. near Scott Street.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); slate roof, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Albert Schroepfer, 244 Kearny St., San Francisco.
G. P. W. Jensen, 320 Market Street, and William Martin, 666 Mission St., are figuring the plans.

LOW BIDDERS
SAN FERNANDO, Los Angeles Co., Cal.—Harold Hansen, 1185 Flores St., Los Angeles, at $61,870 submitted low bid to Department of Interior, Division of Subsistenance Homesteads, Washington, D. C., for the construction of a group of residences at San Fernando. Second low bid was submitted by Chas. J. Dorfman, Los Angeles, at $68,000.

CONTRACT AWARDED.
PHOENIX, Ariz.—P. W. Womack, Phoenix, awarded contract by Division of Subsistence Homesteads at $51,000 for constructing 25 houses on Unit No. 2 of Central Arizona Homesteads project.

Contract Awarded.
RESIDENCE Cont. Price, $10,569
OAKLAND, Alameda Co., Cal. No. 5720 Walnut Avenue.
One-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash,oak floors, tile baths, mahogany and pine trim.
Owner—John Peters, % Architect.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Preparing Plans—Contract Awarded.
RESIDENCE Cost, $20,000
BERKELEY, Alameda Co. Spruce St. near Halkin Way.
Two-story and basement frame and brick veneer residence (10 rooms and 3 baths) shake roof, steel sash, gas hot air heating system, hardwood floors, tiled baths, etc.
Owner—M. J. Reese.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.

To Be Done By Day's Work.
ALTER RESIDENCE Cost, $1500
SAN FRANCISCO. 2330 28th Avenue.
Alterations to frame residence .
Owner—M. Matteson, premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3745 Elston Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Planned.
RESIDENCE Cost, $——
FAIRFIELD, Solano Co., Cal. Four miles west of Fairfield.
Spanish style residence.
Owner—William C. Robbins Jr., Fairfield.
Architect—Not Given.

BIDS WANTED.
GRAND COULEE, Wash. — Until March 22, 8 P. M., bids will be received by the Bureau of Reclamation, Almira, Wash., for the construction of one 7-room and four 5-room residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project, Wash.
Residences will be of wood frame construction with siding over sheathing on exterior walls, plastered interior walls and ceilings; wood shingle roofing, 1-pipe gravity vacuum steam heating system and hot air heating system, etc.; Spec. No. 615.
Plans and specifications may be obtained from above office and from Denver, Colo., and Washington, D. C.

Plans Being Figured—Bids Close Mar. 4th.
RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) servans' quarters with two baths) servants' quarters with two air heating system, etc.
Owner—Lawrence I. Scott, Insurance Center Bldg., San Francisco.
Architect—W. W. Wurster, 260 California St., San Francisco.

Contract To Be Awarded.
RESIDENCE Cost, $27,130
BERKELEY, Alameda Co., Cal. Tunnel Road.
Two - story and basement frame and brick veneer residence (12 rooms, 5 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Stanley V. W. Hiller, 2847 Russell St., Berkeley.
Architect—J. K. Ballantine, 251 Kearny St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Blvd., Oakland.

Preparing Preliminary Sketches.
RESIDENCE, ETC. Cost, $75,000
SONOMA COUNTY, Cal..
Large country home, guest cottages, etc.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.

Plans Completed.
RESIDENCES Cost, $7000
SAN FRANCISCO. Alemany Blvd. near Mission Street.
Two one-story and basement frame and stucco residences (6 rooms & garage each); cast stone trim, asphalt and tile roofs, ornamental iron, brick steps, tile in kitchens and baths, oak floors, fireplaces, warm air furnaces, etc.
Owner and Builder—Nils E. Johnsson, 270 Monterey Blvd., San Francisco.
Plans by L. O. Berg, 720 Corbett Ave., San Francisco.
Sub-bids will be asked shortly.

Plans Being Figured — Bids Close March 4, 4 P. M.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal. Requa Tract.
Two-story frame and stucco residence
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Excavation and Concrete—J. H. Fitzmaurice, 2857 Hannah St., Oakland.
The excavation and concrete has already been awarded to J. H. Fitzmaurice.
Following will submit bids for the construction.

General Work
George Windsor, 928 Kingston Ave., Piedmont.
F. C. Stolte, 3445 Laguna Avenue, Oakland.
E. T. Leiter & Son, 811 37th Street, Oakland.
Jensen & Petersen, 3443 Adeline St., Oakland.
John Moore, 354 Hobart St., Oakland
A. Cederborg, 1455 Excelsior Blvd., Oakland.
B. F. Woolley, 3933 Fruitvale Ave., Oakland.
J. B. Petersen, 4021 Agua Vista Ave. Oakland.

Plumbing
Carl T. Doell, 467 21st St., Oakland.
W. C. Ambrose, 1050 Harrison St., San Leandro.
J. R. Pearce, 1844 73rd Ave., Oakland.
Henry F. Lass, 5300 Cole St., Oakland.

Painting
A. C. Armstrong, 3875 Brighton St. Oakland.
W. H. Pollard, 9437 E-14th Street, Oakland.
Blomgren Bros., 19425 Lake Chabot Road, Hayward.
A. Van Heerden, 6260 College Ave., Oakland.

To Ask Bids Within One Week.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Berkeley Highlands Terrace.
Two-story and basement frame and stucco residence (10 rooms and 4 baths); tile roof, gas hot air heating system, steel sash, monel metal sinks, hardwood floors, etc.
Owner—John H. Jones.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about two weeks.

Contract Awarded
ALTERATIONS Cost, $2850
BURLINGAME, San Mateo Co., Cal. 1616 Chapin Street.
Alterations to two-story frame residence.
Owner—H. M. Bayley et al.
Architect—Jas. H. Mitchell, 369 Pine St., San Francisco.
Contractor—Robinson & Gillespie, 41 Sheridan St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. Hillidale Avenue.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Warren L. Hanna, 914 Peralta Avenue, Berkeley.
Architect—Fred. L. Confer, 2812 Russell Street, Berkeley.
Contractor—Robert W. Barr, 874 41st Street, Oakland.

Segregated Bids Being Taken.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Thousand Oaks Boulevard.
Two - story and basement frame and stucco residence (7 rooms); English style, shake roof, gas heating system, rustic exterior, hardwood floor, etc.
Owner—L. M. Hanson.
Architect—E. L. Snyder, 2101 Shattuck Avenue, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. Urbano Drive 841 W Borica St.
One-story and basement frame and stucco residence.
Owner and Builder—W. E. Grosman, 1 Newton St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Thirty-second Ave. N Balboa St.
Two one-story and basement frame and stucco residences.
Owner and Builder—Anza Home Bldg. Co., 1498 36th Ave., S. F.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Piedmont Pines.
Two - story and basement frame and stucco residence (12 rooms and 4 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. Eugene Barton, Crocker Building, San Francisco.
Bids will be asked shortly.

Plans Being Prepared.
RESIDENCE Cost, $8000
BAKERSFIELD, Kern Co., Calif.
Adobe brick residence.
Owner—Withheld.
Architect—Clarence Cullimore, 10 Oleander St., Bakersfield.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN JOSE, Santa Clara Co., Calif. 1625 Emory Street.
Two-story frame and stucco residence (eight rooms).
Owner and Builder—A. R. Calvelli, 855 Nevada Ave., San Jose.
Architect—Not Given.

Planned.
RESIDENCES Cost, $——
SAN MATEO, San Mateo Co., Calif. San Mateo Terrace.
Two 1-story and basement frame and stucco residences (5 or 6 rooms).
Owner—Paul Cleversy, % real estate agent.
Architect—Not Given.
Agent—Ralph L. Lantis, 1428 South El Camino, San Mateo.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. W. 22nd Ave. 150 N Balboa Street.
Two-story frame residence.
Owner—Barbara Flanagan, % contractor.
Architect—Not Given.
Architect—C. O. Blincoe, 2663 15th Avenue.

Contract Awarded.
RESIDENCE Cost, $7575
SALINAS, Monterey Co., Cal. NW Los Lauerellas and El Paso Sts.
One-story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Fred and Ora Center, Salinas.
Architect—W. A. Doctor, 362 Hudson St., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.

To Ask Bids Within One Week.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. San Antonio Avenue.
One-story and basement frame and stucco residence (5 rooms) shake roof, unit gas fired warm air heating system, hardwood floors, etc.
Owner—Withheld.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.

Contract Awarded.
RESIDENCE Cost, $8000
SACRAMENTO, Sacramento Co., Cal. No. 1051 46th Street.
Two-story frame and stucco residence
Owner—Wright Holding Company.
Architect—Not Given.
Contractor—C. C. Ruby, 4800 T St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $4000
MILL VALLEY, Marin Co., Cal.
One-story wood frame residence (3 rooms) terrace, garage, split shake cedar roof, gas floor furnace, hardwood floors, monel metal, etc.
Owner—Ralph Van Derveer.
Architect—Withheld.
Contractor—Felix Welch, 1430 Larkin St., San Francisco.

Contract Awarded.
ADDITION Cost, $2000
OAKLAND, Alameda Co., Cal. No. 700 E-24th Street.
Three-room addition to residence.
Owner—A. Silverstine, 940 Sutter St., San Francisco.
Architect—Not Given.
Contractor—George Swanstrom, 1615 78th Ave., Oakland.

15— SCHOOLS

BIDS OPENED
VAN NUYS, Los Angeles Co., Cal. —Fred F. Greenfield, 7310 S. Figueroa St., Los Angeles, submitted low bid at $28,270 to Los Angeles Board of Education, February 21, for the reconstruction, strengthening and rehabilitation of the main building (less the auditorium, hame economics and classrooms 9 and 10) at the Pacoima School, 11066 Norris St., Van Nuys. The work will consist of removing existing hollow tile bearing walls in old portion of building and replacing with wood studs and stucco. Plans were prepared by Architects Hibbard, Gerrity & Kerton, and Structural Engineer Paul E. Jeffers, Architects' Bldg., Los Angeles. Other bids were: J & L. Construction Co., $28,915, J. R. Lippincott, $29,342; Wm. J Shirley, $29,868; Jones Bros., $30,300. Fred F. Greenfield submitted the names of the following subcontractors with his general contract bid: Eugene Meloney, roofing, $1990; A. E. Rohner, plastering, $2990; E. I. Wight, plastering, $2990; Spinner-Diest blackboards, $986.15; Hickman Bros., plumbing, $823; Hickman Bros., heating and ventilating, $633; Ul-Hart electric wiring, $2278.

ALLOTMENT CHANGED
COVELO, Mendocino Co., Cal.—The Federal Public Works Administration has changed allotment of a loan and grant of $39,200 to a grant of $11,500 for the construction of a school building.

PROJECT APPROVED
ESCALON, San Joaquin Co., Cal.—SERA has approved appropriation of $3262 for improvements to the grounds of the Escalon High School. Work includes leveling foothall field, and planting into Bermuda Grass; construction of fence; construction of four basket ball courts, etc. C. H. Sawyer of the Escalon Union High School District, will supervise the project which will employ 52 laborers.

PROJECT APPROVED
SEAL BEACH, Orange Co., Cal.—SERA has approved appropriation of $6478 for Seal Beach School rehabilitation. Work includes constructing bus garage; exterior stuccoing of present buildings; installation of sprinkler system, etc. J. H. McGaugh of the Seal Beach Elementary School District, will supervise the project which will employ 25 laborers.

BIDS WANTED.
LOS ANGELES, Cal.—Until March 20, 11:30 A. M., bids will be received by Los Angeles board of education, purchasing bureau, 1425 South San Pedro St., for a one-story, six-room, frame and stucco school building (unit No. 4) to be built at the Lankershim school, 5230 Bakman St., Van Nuys District. Henry C. Newton and Robt. L. Murray, 502 Architects' Bldg., Los Angeles, architect, and C. J. Derrick, structural engineer. Cost, $31,551.

PROJECT APPROVED
LAWNDALE, Los Angeles Co., Cal. —SERA has approved appropriation of $4328 for strengthening and bracing roof trusses and floor joists and installation of earthquake tie-rods, diaphrams, bolts, etc., in the South School Building, Lawndale. R. Bates Jr. of the Lawndale School District will supervise the project which will give employment to one timekeeper and 22 laborers.

PROJECT APPROVED
SACRAMENTO COUNTY, Cal. — SERA has approvide appropriation of $1378 for the improvement of the Courtland High School boys' gymnasium, Sacramento. Work includes cleaning and leveling surface for laying concrete floor, constructing 120 wooden lockers, installation of plumbing fixtures, etc. Nils Aanonsen of the Courtland Joint Union High School will supervise the project which will employ 16 laborers.

CONTRACT AWARDED.
VAN NUYS, Los Angeles Co., Cal.—Fred F. Greenfield, 7310 S. Figueroa St., awarded contract at $28,270 by Los Angeles board of education for reconstruction, strengthening and re-

habilitation of the main building (less the auditorium, home economics and classrooms 9 and 10) at the Pacoima school, 11066 Norris St., Van Nuys. Hibbard, Gerrity & Kerton, architects, and Paul E. Jeffers, Architects' Bldg., Los Angeles, structural engineer.

Plans Approved.
SCHOOL Cost, $——
SAN FRANCISCO. Geary and Scott Streets.
Restoration of portion of Girls' High School (portion recently destroyed by fire).
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market St.
Final plans have been approved by the State Division of Architecture at Sacramento.
Bids will be asked shortly.

Preparing Working Drawings.
SCHOOL Cost, $300,000
SAN FRANCISCO. Twenty-fifth and Bryant Streets (Sunshine - Buena Vista School).
One-story reinforced concrete school (18 classsroom, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architects — Martin J. Rist, Phelan Bldg.; Charles F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market Street.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Plans will be completed in about sixty days.

Commissioned To Prepare Plans.
RECONST. SCHOOLS Cost, $——
ALAMEDA, Alameda Co., Cal.
Reconstruct grammar and high school buildings in the City of Alameda.
Owner—City of Alameda.
Engineers—L. H. Nishkian, 525 Market St., Harold Hammill, 381 Bush St. and Earl Russell, Pacific Bldg. San Francisco.

BONDS DEFEATED
SAN MATEO, Cal. — San Mateo School District refeated bond issue in the amount of $25,000 February 26. Proceeds were to have been used to finance construction of a new school in San Mateo County.

BONDS SOLD.
TAHOE CITY, Placer Co., Calif.—Tahoe City School District sold bonds in the amount of $15,000 to the Bank of America. Proceeds to finance the construction of one-story wood frame grammar school in Tahoe City for the Tahoe City School District. Plans prepared by Architect Chas. F. Dean, California State Life Bldg., Sacramento.

Plans Being Figured—Bids Close Mar. 19, 8 P. M.
AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Cal.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids are being taken for a general contract with separate bids for heating.
Plans and specifications may be obtained from the architect upon deposit of $20.

PROJECT APPROVED.
SANTA MARIA, Santa Barbara Co., Cal.—SERA has approved appropriation of $6,837 for miscellaneous repairs to the Santa Maria High School. O. J. Reiner of the Santa Maria Union High School District will supervise the project, which will employ 14 laborers.

FUNDS ALLOTTED.
MONMOUTH, Ore.—Federal Public Works Administration has allotted a loan and grant of $54,000 to the Department of Higher Education of the State of Oregon, for the construction of a 1-story gymnasium on the campus of the Oregon State Normal School at Monmouth. The approximate cost of labor and material is $52,000 of which 30% is a grant. The balance is a loan secured by 4% bonds. The entire cost of the project is $63,000, and the applicant will furnish the difference between the total cost and the PWA allotment.

PLANNED.
SAN DIEGO, Cal.—San Diego city school department has prepared list of school improvements to be submitted to the Public Works Administration with a request for government financing. The program, which involves alterations and reconstruction of 47 buildings at an estimated cost of $3,500,000, includes a 4-room addition to Alice Birney elementary school; physical education building, gymnasium and shop for point Loma high school; gymnasiums for Herbert Hoover, La Jolla and Memorial high schools; three-room addition at Pacific Beach elementary school; auditoriums for McKinley and Benjamin Franklin schools; heating system, science building and six classrooms for San Diego high school; tennis courts at Point Loma, San Diego, La Jolla, Memorial and Hoover high schools, and swimming pools at San Diego, Hoover, Memorial, Point Loma and La Jolla high schools.

BIDS WANTED.
PASADENA, Cal.—Until March 19, 11 A. M., bids will be received by the Pasadena board of education for reconstruction of the Jane Addams and Louis Agassiz buildings at the Pasadena junior college. Separate bids will be taken on the general, electric wiring, plumbing, heating and ventilating. C. J. Bennett, 311 First Trust Bldg., Pasadena, architect.

Preparing Working Drawings.
RECONSTRUCT SCHOOL $140,000
BERKELEY, Alameda Co., Cal. California and Derby Streets.
Reconstruct Longfellow School.
Owner—Berkeley School District.
Architect—John Reid, Jr., 405 Montgomery St., San Francisco.

Sub-Contract Changes
SCHOOL Cont. Price, $176,248
SAN FRANCISCO. No. 150 Brompton St. (Glen Park School).
Two-story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Bldg.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer — Robert L. St. John, 544 Market Street.
Contractor—Jas. L. McLaughlin, 251 Kearny Street.
The following sub-contracts were changed by the contractor in connection with above project.
Acoustical Material—Western Asbestos Magnesia Co., 675 Townsend St. (in lieu of Acoustical Engineer Co.)
Composition Roofing—Bender Roofing Co., 5th and Bryant Sts (in lieu of C. L. Frost.
Other awards previously reported.

Bid Opening Date Advanced To March 13, 2:30 P. M.
SCHOOL Cost, $86,400
SAN FRANCISCO. Patrick Henry School, 18th and Vermont Streets.
Two-story reinforced concrete school unit (eight classrooms).
Owner—City of San Francisco (School Department).
Architect — W. D. Peugh, 338 Montgomery St. & Gardner A. Dalley, 210 Post Street.
Structural Engineer—Walter Huber, 1 Montgomery Street.
Mechanical Engineer—Leland & Haley 58 Bush Street.
Bids are being taken aa follows:
General Work (Including Mechanical and Plumbing) — Estimated cost $86,400; $55 deposit for plans.
Mechanical Work and Plumbing—(Estimated cost $10,400) $15 deposit for plans.
Electrical Work—(Estimated cost $4,000) $15 deposit for plans.
Plans and specifications may be obtained from C. H. Sawyer, City Architect, City Hall.

LOW BIDDERS
LOS ANGELES, Calif.—Clinton Construction Co., 1103 Spring Arcade Bldg., Los Angeles, submitted low bid on general contract (using salvaged materials) to the Long Beach board of education at $158,600, for construction of administration building at the George Washington junior high school site. Low bidders on the other contracts were: Coast Electric Co., 2350 Cedar ave., Long Beach, on the electric wiring at $15,025; Hickman Bros., 910 E. Anaheim st., Long Beach, on the heating and ventilating at $8,235; E. Willardson, 2407 Tesla Terrace, Los Angeles, on the plumbing at $7,040. W. Horace Austin, 532 Chestnut ave., Long Beach, architect, and Francis N. Diouny, structural engineer.

LOW BIDDERS
LOS ANGELES County, Calif.—Norwalk)—Bannister-Field Co., 4101 Goodwin ave., Los Angeles, submitted low general contract bid to Board of Public Building Reconstruction at $63,353, for construction of an auditorium building at Walnut and 14th sts., Norwalk, for the Norwalk Elementary School District. Bid were: Ora King, 635 Prospect ave., South Pasadena, plumbing and heating $4,023; Cave Electric Co., 2107 N. Ross st., Santa Ana, electrical work, $9,377. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

PROJECT APPROVED.
GRAFTON, Yolo Co., Calif.—SERA approved appropriation of approximately $20,000 for the contruction of an addition to Knights Landing Grammar School and for grading and construction work at the Woodland High School.

BIDS WANTED
LOS ANGELES, Calif.—Until Mar. 14, 11:30 a. m., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for construction of new buildings A and B at the Alta Loma school site, 1745 Vineyard Ave. Chas. H. Hutchinson, architect, 1132 Central Bldg., and Structural Engineer Edward R. Bowen. Construction will be of frame and stucco, composition roofing, cement and wood floors, etc. Cost $97,500.

Preparing Plans.
GYMNASIUM Cost, $70,000
CHICO, Butte County, Chico High School.
Construct concrete gymnasium building.
Owner—Chico School District.
Architect—Chester Cole, Chico.
Contractor—None given.
Labor will be furnished by the SERA.

FUNDS ASKED.
POMONA, Los Angeles County, Cal. —Pomona board of education has submitted an application to the Public Works Administration requesting government financing for three proposed new school buildings to be built in Pomona. Estimates call for $90,000 each for two elementary schools and $100,000 for a junior high school. They probably will replace the San Antonio, Hamilton and Emerson buildings.

BOND ELECTION.
ORANGE COUNTY, Calif.—Cypress School District, Orange county, will hold an election March 29 at which time it is proposed to vote bonds in the sum of $55,000, proceeds to be used to finance four additional classrooms and an auditorium at the Cypress school. Architects W. Horace Austin and H. C. Wildman, Spurgin Building, Santa Ana, have been authorized to prepare sketches for the additions.

CONTEMPLATED.
SANTA MARIA, Los Angeles Co., Calif.—Santa Maria Union High School District contemplates starting work this spring on the first unit of a new junior college plan in Santa Maria. The project has not yet reached the plan stage.

PROJECT APPROVED.
WHITTIER, Los Angeles Co., Cal.—SERA has approved appropriation of $2,351 for the partial demolition of the J. G. Whittier School at Whittier. Work will consist of shoring roof and walls, removing all hollow walls and plastering from interior partitions, cleaning up and hauling away of debris. R. L. Warren of the Whittier City School District will supervise the project which will give employment to one timekeeper and 18 laborers. High St., Oakland.

PROJECT APPROVED.
HEALDSBURG, Sonoma Co., Cal.—SERA has approved appropriation of $3,214 for constructing concrete foundation, retaining walls, sub-floors and sidewalks at the new school building at Healdsburg. J. L. Easterly of the Healdsburg Elementary School District will supervise the project, which will employ 24 laborers.

Plans Being Prepared.
SCHOOL, ETC. Cost, $——
NEWMAN, Stanislaus Co., Cal.
One-story frame and stucco school shop buildings.
Owner—Newman High School Dist.
Architect—G. N. Hilburn, 1213 I St., Modesto.

PROJECT APPROVED.
WOODBRIDGE, San Joaquin Co., Cal.—SERA has approved appropriation of $2,271 for improvement of the grounds at the Woods School, Woodbridge. The work includes installing lawn irrigation system, constructing tennis court, reconstructing baseball backstop, removing dead trees and shrubs, etc. C. H. Sawyer of the Woods School District will supervise the project, which will employ 2 foremen and 45 laborers.

BIDS WANTED.
PASADENA, Cal.—Until March 19, 11 A. M., bids will be received by the Pasadena board of education for reconstruction of the Jane Addams and Louis Agassiz buildings at the Pasadena junior college. Separate bids will be taken on the general, electric wiring, plumbing, heating and ventilating. C. J. Bennett, 311 First Trust Bldg., Pasadena, architect. Deposit of $25 required for plans.

PLANNED.
EL MONTE, Los Angeles Co., Cal. —El Monte Union High School District has applied to the Public Works Administration for government financing for proposed science, shop and administration buildings, auditorium, drafting room, domestic science unit and library to be erected at El Monte high school. Total cost of the structures is estimated at $220,000.

Preparing Working Drawings.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Plans will be completed in about 60 days. PWA has allotted $22,300 to the Arden Elementary School District as a loan and grant to finance construction.

16— BANKS, STORES AND OFFICES

February 27, 1935

CONTRACT AWARDED
SAN FRANCISCO—Braas & Kuhn, 1917 Bryant St., at $64 awarded contract by Department of Public Works for one graph panel for the controller's office, City Hall.
Complete bids published Jan. 24.

To Be Done By Day's Work.
STORE Cost, $10,000
SAN FRANCISCO. Mission St. and Russia Avenue.
One-story concrete store building.
Owner—A. B. Frank, 4607 Mission St., San Francisco.
Architect—Not Given.

Plans Completed.
STORES Cost, $10,000
OAKLAND, Alameda Co., Calif. 394-96-98 Grand Avenue.
One-story reinforced concrete store.
Owner—Wm. Greuner, Jr., 168 Grand Ave., Oakland.
Architect—R. A. Hutchinson, 3433 Andover St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO. 701 Grant Avenue.
Alterations to store building.
Owner—S. Iwata Trading Co., 253 Post Street.
Architect—Not Given.
Contractor—George Nimmo, 804 Montgomery Street.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. 150 Powell Street.
Alterations to store building.
Owner — Hibernia Bank, McAllister and Jones Streets.
Architect—Not Given.
Contractor—Daniel O'Neill, 273 Minna Street.

To Be Done By Day's Work.
STORE Cost, $——
OAKLAND, Alameda Co., Calif. 8727 East 14th Street.
One-story frame store building
Owner—Athan Andronico, 2002 Pacific Ave., Alameda.
Architect—Geo. M. Cantrell, 1406 Santa Clara Ave., Alameda.

PROJECT APPROVED
SAN FRANCISCO—SERA has approved appropriation of $1358 for the rehabilitation of 1185 Market Street, San Francisco. Work includes repair of woodwork, floors, walls and tables, painting toilet rooms, etc., and will be supervised by the SERA San Francisco Construction Project Division. Eleven laborers will be employed.

Mill Contract Awarded.
STORE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Third Street.
One-story reinforced concrete store building (2 stores) 50x70 ft.; composition and tile roof, oak floors.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.
Mill Work—Sunset Lumber Co., 400
As previously reported, excavation and concrete awarded to Louis Sartorio, 2627 Lombard St., S. F.

CONTRACT AWARDED
SAN FRANCISCO—F. M. Sauer, 725 Santiago St., at $443.00 awarded contract by Department of Public W'ks for basement shelving for the Controller's Office in the City Hall.
Complete bids published Feb. 14.

Contract Awarded.
STORE Cost, $10,900
FRESNO, Fresno Co., Calif. 1239 Van Ness Avenue.
One-story frame store building.
Owner—H. C. Offutt, 227 Glenn Street, Fresno.
Architect—Not Given.
Contractor—Harris Const. Co., 577 McKinley St., Fresno.

Contracts Awarded.
OFFICE BUILDING, ETC.
Contract Price, $12,737
SACRAMENTO, Sacramento Co., Cal. Ninth and C Streets.
Two-story office building (40x50 feet) second floor for clubrooms, concrete exterior walls, concrete foundations, plaster and stucco interior, terra cotta tile roof, oil burner, hot air heating system, cement floors with mastipave on first floor, pine floors on second floor, etc.
Owner—Consumers Ice and Cold Storage Co. (Kenneth Melrose, Mgr.) Sacramento.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Cambpell Const. Co., 890 R St., Sacramento.
Heating and Air Conditioning—Carpenter & Mendenhall, 1907 Front St., Sacramento, $1,254.

PROJECT APPROVED.
OAKLAND, Cal.—SERA has approved a supplemental appropriation of $2,236 for the continuation of project of fitting up offices at 2111 Webster St., Oakland. Additional work consists of remodeling, removing and resetting partitions; installation of consultation booths; altering electrical and plumbing on second and third floors. Chas. F. B. Roeth of the Alameda SERA will supervise the project which will employ 17 laborers.

PROJECT APPROVED.
SANTA ROSA, Sonoma Co., Cal.—SERA has approved appropriation of

$1,386 for constructing partitions, office fixtures and furniture on the second floor of the Leppo Bldg. on Exchange Ave., Santa Rosa, to be occupied by the Sonoma Area and Sonoma County SERA personnel. F. H. Eastman of the Sonoma Area SERA will supervise the project which will give employment to 28 laborers.

Contract Awarded.
STORE Cost, $8000
FRESNO, Fresno Co., Cal. No. 200 Fulton Street.
One-story store building.
Owner—Clark Anderson.
Architect—Not Given.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

Plans Completed.
STORE Cost, $——
OAKLAND, Alameda Co., Cal. No. 8727 E-14th Street.
One-story frame store building.
Owner—Athan Andronico, 2002 Pacific Ave., Alameda.
Architect — George M. Cantrell, 1406 Santa Clara Ave., Alameda.

Contract Awarded.
ALTERATIONS Cost, $20,000
OAKLAND, Alameda Co., Cal. N 22nd St., between Adeline and Chestnut Streets.
Alterations to warehouse and adjoining property for variety store.
Owner—Sprouse-Reitz Co., Inc. Portland, Oregon.
Architect—Not Given.
Contractor—Chas. E. Burks, 4129 Randolph Ave., Oakland

Plans Being Figured—Bids Close Mar. 4, 10 A. M.
ALTER BLDG. Cost, $20,000
SAN FRANCISCO. No. 25 Battery Street.
Alterations to three - story, basement and mezzanine floor of Class C brick structure.
Owner — International Business Machines Corp., 529 Market St., San Francisco (Gordon Packard, Dist. Mgr.)
Architect—Carl Geilfuss, 1095 Market St., San Francisco.

Plans Being Figured—Bids Close Mar. 5, 2 P. M.
OFFICE BLDG. Cost, $——
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One-story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Following will submit bids:
Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Clyde Hansen, Santa Rosa.
Wm. Kapp, 1413 17th St., Santa Rosa
Al Hermann, Penngrove.

Contract Awarded.
ALTER STORE Cont. Price, $4878
SALINAS, Monterey Co., Cal. Main Street.
Alterations to store building (new store front, plate glass, bars, steel girders, vitrolite, etc.)
Owner—Jensen Furniture Co., Salinas
Architect—Charles Butner, 51 Maple Street, Salinas.
Contractor — E. F. Reese, 25 Santa Lucai Ave., Salinas.

Bids In Today At 3 P. M.
MARKET Cost, $8,000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete market building (36x120 ft.) steel trusses, composition roofing, concrete and wood floors, etc.
Owner—Tuttle Estate.
Architectt—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Following have procured plans:
A. L. Short, P. O. Box 343, Watsonville.
P. T. Wallstrum, 854 Main St., Watsonville.
Knight & Bernardo, Rt. 1 Box 19, Watsonville.
Timothy & Hunter, 10 Andrews Ct., Watsonville.
T. H. Rosewall, 422 3rd St., Watsonville.
Friend & Resh, P. O. Box 743, Watsonville.

Contract Awarded.
MARKET Cost, $5000
SAN FRANCISCO. E Church St. 210 N Fifteenth Street.
One-story frame market building.
Owner—Lewis M. Norton, Russ Bldg., San Francisco.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SACRAMENTO, Sacramento Co., Cal. No. 209½ L Street.
Alterations to restaurant.
Owner—Mrs. J. Estever, Premises.
Architect—Not Given.

Additional Sub-Contracts Awarded.
STORE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Third Street.
One-story reinforced concrete store building (2 stores) 50x70 ft.; composition and tile roof, oak floors.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.
Plumbing—Morrison & Blair, 415 Villa Terrace, San Mateo.
Steel Sash—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
As previously reported, mill work awarded to Sunset Lumber Co., 400 High St., Oakland; excavation and concrete to Louis Sartorio, 2627 Lombard St., San Francisco.

17— THEATRES

Contract Awarded.
ALTER THEATRE Cost, $——
SAN FRANCISCO. Fifteenth Ave. and Irving Street.
Alterations to theatre (redecorating, painting, etc.)
Owner—Golden State Theatre Co., 25 Taylor S., San Francisco.
Architect—Not Given.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Mill Work—E. K. Wood Lumber Co., Frederick and King Sts., Oakland
Plastering—Vance Petersen, 161 Del Monte Ave., San Francisco.
Ornamental Cast Cement—O. F. Larson, 480 Potrero Ave., S. F.

Plans Being Figured — Bids Close March 5, 2 P. M.
ALTER THEATRE Cost, $40,000
SAN FRANCISCO. Twenty - second and Mission Streets.
Alterations to theatre (work involves redecorating, new steam heating equipment, new seating, new carpets and drapes, new mezzanine lounge, new toilet, enlarge foyer, etc.)
Owner—Golden State Theatre Co., 25 Taylor St., San Francisco.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Following will submit bids:
Cahill Bros., 206 Sansome St, San Francisco.
Salih Bros., 25 Taylor St., San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

18— WHARVES & DOCKS

Plans To Be Refigured.
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO. 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co. (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market.
New bids will be asked shortly.

Plans Being Revised.
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO. No. 1329 Fillmore Street.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co. (New Fillmore Theatre).
Architect — A. A. Cantin, 557 Market St., San Francisco.
Whether new bids will be asked is not determined at this time.

PROJECT APPROVED
OAKLAND, Cal.—SERA has approved appropriation of $26,818 for the rehabilitation of Market Street pier and transit shed at Oakland. J. G. Bastow of the City of Oakland Post Commission will supervise the project which will employ one timekeeper and 57 laborers.

BIDS WANTED.
BENICIA, Solano Co., Calif.—Until March 6, 10 A. M., bids will be received by the Commanding Officer, Benicia Arsenal, Benica, for contructing repairs to the Benicia Arsenal Wharf. The work includes replacing six fender piles and one mooring pile; installing 13 new hardwood chafing strips; removing all untreated timber in the sub-structure of the wharf and replacing same, etc.
Plans and specifications obtainable from the above office.

PERMIT ASKED.
ESTERO BAY, San Luis Obispo Co. Cal.—Application has been made by the Standard Oil Company of California for War Department permit to construct a wharf in Estero Bay, four miles north of Morro Bay, San Luis Obispo County, to extend about 1025 feet bayward from the line of mean high water.
Drawings showing the location and plan of the proposed construction may be seen in this office, until 11 A. M., Monday, March 4, 1935. Major H. H. Stickney, District Engineer.

Contract Awarded.
REPAIRS Contract Price, $42,317
OAKLAND, Alameda Co., Cal. Howard Terminal.
Repairs to Howard Terminal Pier.
Owner—Howard Terminal, Market St., Oakland.
Architect—Reed & Corlett, 1801 Bank of America Bldg., Oakland.
Contractor—Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Complete bids follow:
Ben C. Gerwick, Inc., S. F. $42,317
A. W. Kitchen, San Francisco.. 42,773

M. B. McGowan, San Francisco 45,126
Healy-Tibbitts Const. Co., San Francisco 45,210
Duncanson-Harrelson Co., San Francisco 45,780

19—MISC. CONSTRUCTION

Plans Being Prepared.
TOLL HOUSES, ETC. Cost, $——
SAN FRANCISCO-Oakland Bay Bridge (Oakland end of bridge).
Toll houses, business and operations building, maintenance office, etc. (metal, steel and concrete construction).
Owner—State of California (C. H. Purcell, Chief Engineer).
Plans by Engineering Dept. of San Francisco - Oakland Bay Bridge, 500 Sansome St., San Francisco.
Bids will be asked in about ninety days.

PREPARING PLANS
LOS ANGELES, Calif.—United Artists Studio Corp., 1041 N. Formosa St., is having plans drawn in its architectural department for a large sound stage to be erected on the studio set at Santa Monica Blvd. and Formosa St. Steel and masonry structure, 130-x225 feet in area, with stucco exterior and composition roof. The plans will probably go out for bids in March.

PROJECT APPROVED.
SAN FRANCISCO. — SERA has approved appropriation of $3,700 for the rehabilitation of Harbor Police Station, Drumm and Commercial Sts. Work involves cleaning entire frontage of building, replacing broken glass painting, repairing floors, electrical and plumbing repairs, etc. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ 22 laborers.

PROJECT APPROVED.
SAN FRANCISCO. — SERA has approved appropriation of $4,497 for miscellaneous repairs and construction at the San Francisco Police Department Pistol Practice Range, at Fort Funston. Work includes enlargement of range, repairing and rebuilding bulkheads, building clubhouse, grading and landscaping. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ 38 laborers.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $62,160 for providing additional labor for the Community Garden Project in the Southern Area of Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Division will supervise the project which will employ 518 laborers.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $54,960 for providing additional labor for the Community Gardens Project in Northern Area of Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Division will supervise the project, which will employ 458 laborers.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $27,360 for providing additional labor for the Community Gardens Project in Western Area of Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Divison will supervise the project, which will give employment to 228 laborers.

PROJECT APPROVED.
SAN FRANCISCO.—SERA has approved appropriation of $1,173 for the rehabilitation of Social Service District House at 1262 Post Street. The work consists of painting the exterior woodwork and steel sash; installing annunciator system; moving steam radiator; ventilating one office, and installing floor covering. The project will be supervised by the ERA San Francisco Construction Project Division and will employ eight laborers.

Work Under Way.
TANK Cost, $——
SAN FRANCISCO. Sutro Baths.
Reinforced concrete diving tank at Sutro Baths.
Owner—Sutro Estate.
Engineer—F. W. Kellberg, 541 Market Street.

PLANNED
SAN FRANCISCO — The Board of Directors of the Golden Gate Bridge has under consideration a call for supplemental bids from Barrett & Hilp and Eaton & Smith, contractors on portions of the Golden Gate Bridge, for additional work involving removal and replacement of several buildings and relocating others, replacing power lines, etc., at the Presidio of San Francisco. Work will probably be done on a cost plus basis.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $27,360 for providing additional labor for the Community Gardens Project in Western Area of Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Division will supervise the project, which will give employment to 228 laborers.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $52,080 for providing additional labor for the Community Gardens Project in the Eastern Area Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Division will supervise the project, which will give employment to 434 laborers.

PROJECT APPROVED.
LOS ANGELES COUNTY, Cal.—The SERA has approved a supplemental appropriation of $43,440 for providing additional labor for the Community Gardens Project in the Central Area of Los Angeles County. Ralph B. Smith of the Los Angeles County ERA Work Division will supervise the project, which will employ 362 laborers.

Contract Awarded.
LOADING PLATFORM Cost, $3000
OAKLAND, Alameda Co., Cal. Foot of Ninth Avenue.
Concrete loading platform.
Owner—Barron Est. Co., Russ Bldg., San Francisco.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor — J. Messinger, 369 Pine St., San Francisco.

CONTRACT AWARDED.
LOS ANGELES.—Hoagland Engineering & Construction Co., 259 Granada ave., Long Beach will construct for the Petrol Corp., a group of tanks and structures at Berth 198, Los Angeles Harbor, at an estimated cost of $100,000. The work involves construction of four steel oil storage tanks of a total of 85,000 bbls. capacity, three of 48-ft. diameter and one 114 ft. 6-in diameter, a Foamite house, concrete fire wall requiring about 150 cu. yds. of concrete, and two galvanized iron and frame pump houses. The Petrol Corp. will furnish and install the piping and pumping equipment.

COMPLETE BID LISTING.
LOS ANGELES, Cal.—As previously reported, York Ice Machinery Corporation, 5051 Santa Fe Blvd., Los Angeles, at $3,999, submitted low bid to Veterans' Administration Facility for providing and installing ice cream making plant at the Veterans' Administration Facility, Los Angeles.
Complete bids follow:

York Ice Mchy Corp., Philadelphia, Pa.	$3,999
Parker Mfg. Co., Los Angeles	4,080
Kohlenberger Engr. Corp., Fullerton	4,301
Hugh Robinson & Sons, Huntington Park	4,738
Georgia Refrig. Co., Atlanta	5,000
Creamery Package Mfg. Co., Philadelphia, Pa.	5,297
Baker Ice Machine Co., L. A.	5,303
Gay Engr. Corp. of Calif., Los Angeles	5,613

PROJECT APPROVED
RIVERSIDE, Riverside Co., Cal.—SERA has approved a supplementary appropriation of $18,072 for quarrying and crushing of rock for the City of Riverside SERA projects. J. R. Elliott will supervise the project which will employ 90 laborers.

PLANNED.
BURBANK, Los Angeles Co., Cal. —Columbia Pictures Corp., 1438 North Gower St., Hollywood, has purchased 40 acres of land at the southwest corner of Verdugo Ave. and Hollywood Way, Burbank. The nature of improvements for the site has not been made public.

20—MISC. SUPPLIES AND MATERIALS

BIDS ON FILE.
SAN FRANCISCO. — Bids received by the San Francisco Board of Supervisors for garbage disposal are on file at the office of the City Engineer, Room 360, City Hall.

CONTRACT RE-AWARDED.
LOS ANGELES, Cal.—Youngstown Steel Car Corp., 1580 E. Slauson Ave., Los Angeles, awarded contract by the Metropolitan Water District, Los Angeles, February 25 at $51,787.50, or $13.81 per rib, fob Niles, Ohio (discount 1% 10 days) for furnishing 3725 structural I-beam steel ribs, splice plates, and base plates, for support in 16-ft. tunnel, complete with bolts and nuts, in accordance with Spec. No. M-2038, Bid No. 32267.
The award on this material made Feb. 15 to the Consolidated Steel Corp. was rescinded at the meeting of the board of directors Feb. 25.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—Geo. Fensky Co., 761 Tehama St. San Francisco submitted low bid to Post Office Department at $708 and $768 for furniture and screen-line equipment for the Long Beach Post Office; Proposal 1531.

LOS ANGELES — CONSTRUCTION MATERIALS — (MET. DIST.)
LOS ANGELES, Calif.—Bids for furnishing miscellaneous items of iron and steel for use in the construction of the canal, conduit and siphons of the Colorado River Aqueduct, Specification No. M-2039, Bid No. 32381, were opened by S. A. Joseph, Purchasing Agent, Metropolitan Water District, February 18. The bids were taken on items as follows:

SCHEDULE I

(1) 205 galv. ladder rungs, Pc. Mk. 1;
(2) 1700 galv. ladder rungs, Pc. Mk. 2;

SCHEDULE II

(3) one cast iron thimble (8 in. diameter), Pc. Mk. 2;
(4) one cast iron thimble (12 in. diameter, A 13 in., R—6 ft. 4½ in.) Pc. Mk. 4;
(5) 2 cast iron thimbles (12 in. diamter, A—13 in., R—6 ft. 2 in.), Pc. Mk. 5;
(6) 5 cast iron thimbles (12 in. diameter, A—12-in., R—6 ft. 2 in.), Pc. Mk. 6;
(7) 6 cast iron thimbles and cover sets (A—15 in.), Pc. Mk. 7;
(8) one cast iron thimble and cover set (A—16-in.), Pc. Mk. 8;
(9) one cast iron thimble and cover set (A—17 in.), Pc. Mk. 9;
(10) 170 bolts and nuts, 1¼ in. diameter by 5¼ in., 1G under head, square head, hexagonal nut;

SCHEDULE III

(11) 24 manholes complete, including frame, Pc. Mk. 10; two half covers, Pc. Mk. 13, and keeper, Pc. Mk. 14;
(12) 17 manholes complete, including frame, Pc. Mk. 15, and cover, Pc. Mk. 16;
(13) 350 galv. bolts and nuts, ⅝ in. diameter, 6 in. long, under head;

SCHEDULE IV

(14) 8 cast iron elbows, flanged, Pc. Mk. 17;
(15) one length of 12-in. inside diameter cast iron pipe, flanged (B—8 ft. 8½ in.), Pc. Mk. 18;
(16) 2 lengths 12-in. inside diameter cast iron pipe, flanged (B—8ft. 6 in.), Pc. Mk. 23;
(17) 5 lengths of 12-in. inside diameter cast iron pipe, flanged (B—8 ft. 5 in.), Pc. Mk. 24;
(18) 8 standard 12-in. valve assemblies, Pc. Mk. 18;
(19) 8 cast iron tees with blind flange, Pc. Mk. 20;
(20) 48 ring gaskets, 12 in. I.D. by 16⅛ in. O.D. by 1/16 in. thick, rubber with cloth insert;
(21) 600 bolts and nuts, ⅞ in. diameter by 3½ in. 1G under head, square head, hexagonal nut;
(22) 8 lengths of 12-in. inside diameter cast iron pipe, one end flanged, the other plain, Pc. Mk. 21;

SCHEDULE V

(23) 2500 lin. ft. 2-in. wrought iron pipe;
(24) 125 lin. ft. 3-in. wrought iron pipe.

The bidders were:

(A) H. S. Hitchcock, receiver for Apex Steel Co., Ltd.—fob cars 6147 Eastern Ave. No discount. Sales tax included.
(B) Vernon Foundry, Inc.—fob Los Angeles. Discount, ½ of 1% 20 days.
(C) Long Beach Iron Works — fob Long. Add sales tax as follows: Schedule 1, $18.36; Schedule 2, $16.92; Schedule 4, $45.04. Rensselaer valves. Discount: Schedule 1 and 4, 2%; Schedule 2, 1%.
(D) Pacific Iron & Steel Co., Ltd.—fob plant. Prices include sales tax. Net 30 days.
(E) Commercial Iron Works—fob Los Angeles. Chapman valves. Discount, 2% 10 days. Sales tax included.
(F) Alhambra Foundry Co., Ltd.—Schedules 1, 2 and 3 fob Alhambra or Los Angeles. Rich valves. No discount. Sales tax not included.
(G) Consolidated Steel Corp., Ltd.—fob plant Los Angeles. Plus sales tax if applicable. Crane valves. No cash discount.
(H) L. A. Valve & Fittings Co.—fob Los Angeles (Chapman valves fob Indian Orchard, Mass.; freight allowed to Los Angeles). Discount, 2% 30 days, except on pipe, which is net 30 days.
(I) Associated Piping & Engineering Co., Ltd.—fob Los Angeles. Ohio injector valves. Discount 2% 10 days. Sales tax, 2½%, except on valves.
(J) Madsen Iron Works.—fob Los Angeles. Darling valves. Net 30 days. Sales tax not included.
(K) Crane Co.—fob Los Angeles. Alternate on class 150 pipe. Discount 2% 15th prox. date shipment. Sales tax except on items 14, 18 and 19.
(L) Western Pipe & Steel Co. — fob 5717 Santa Fe Ave. Sales tax: Schedule 1, $2486; Schedule 3, $23.67. No cash discount.
(M) Grinnell Co. of the Pacific—Schedules 4 and 5 only. Alternate on class 150 DeLavaud T&S cast iron flange made on alternate item 18. Chapman valves 504½ and 571 shipped from Indian Orchard, Mass. Pipe from Atlanta, Ga. Discount, 2½ 10 days date invoice. Sales tax: Schedule 5, $7.21. Discount, 2% 15th prox.
(N) Reliable Iron Foundry—Schedule 1 fob Los Angeles; Schedule 4 fob cars or trucks. Rennselaer valves. Discount, 2% 10 days. Prices exclusive of sales tax.

The bids were:

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	Alt.	(L)	(M)	Alt.	(N)
SCHED. I	(1)	$.23	$....	$.265	$.33	$....	$.222	$.32	$....	$.32	$.27	$....	$....	$.29	$....	$....	....
	(2)	.31	....	.40	.42	....	.255	.56	....	.60	.29	....	....	.55	....	....	....
TOTAL		574.15	....	781.33	781.65	....	479.01	1017.60	....	1085.60	548.35	....	....	994.46	....	....	....
SCHED. II	(3)	18.90	9.00	18.50	....	9.50	18.81	22.37	....	23.25	29.80	....	....	....	....	....	6.25
	(4)	14.00	13.50	14.95	....	14.75	11.87	30.16	....	15.80	14.50	....	....	....	....	....	9.00
	(5)	13.00	13.50	13.20	....	14.75	11.87	16.51	....	15.80	14.50	....	....	....	....	....	9.00
	(6)	12.00	13.50	12.00	....	14.75	11.87	19.01	....	15.80	14.50	....	....	....	....	....	9.00
	(7)	45.35	52.00	61.00	....	54.25	46.00	55.43	....	57.65	60.40	....	....	....	....	....	65.20
	(8)	49.50	52.00	65.20	....	54.25	46.80	80.44	....	57.65	60.75	....	....	....	....	....	65.20
	(9)	51.50	52.00	66.10	....	54.25	47.60	81.42	....	57.65	61.00	....	....	....	....	....	65.20
	(10)	.325	.15	.35	....	....	....	.24	....	.278	.35	....	....	....	....	....	.295
TOTAL		547.25	558.04	676.65	....	621.00	541.97	715.84	....	658.11	689.45	....	....	....	....	....	650.00
SCHED. III	(11)	28.40	....	....	....	....	25.66	31.43	....	30.95	40.60	....	....	29.00	....	....	....
	(12)	11.60	....	....	....	....	13.55	12.61	....	13.45	15.25	....	....	13.00	....	....	....
	(13)	.09	....	....	....	....	.10	.06	....	.10	.10	....	....	.085	....	....	....
TOTAL		910.30	....	....	....	....	831.91	939.69	....	1006.45	1268.65	....	....	946.75	....	....	....
SCHED. IV	(14)	....	....	24.18	....	16.74	16.74	29.60	17.49	16.44	10.26	18.20	....	....	16.74	....	16.74
	(15)	....	....	44.80	....	52.50	49.20	75.46	34.36	51.25	39.65	52.50	39.80	....	52.50	34.36	32.75
	(16)	....	....	44.00	....	52.50	49.20	64.57	34.36	51.25	38.65	52.50	39.80	....	52.50	34.36	32.10
	(17)	....	....	40.20	....	52.50	49.20	57.54	34.36	51.25	38.40	52.50	39.80	....	52.50	34.36	32.10
	(18)	....	....	96.00	....	86.86	78.2578	209.05	84.96	83.45	119.60	89.80	....	....	62.60	34.96	32.10
	(19)	....	....	41.64	....	28.77	28.77	31.91	28.77	31.28	27.75	81.27	....	....	76.37	78.25	107.65
	(20)	....	....	.275	....	.29	.425	.33	.327	.33	.56	.435	....	....	28.77	....	28.77
	(21)	....	....	.10	....	.09	.1115	.07	.0914	.094	.12	.0892	....	....	.4305	....	.28
	(22)	....	....	12.50	....	14.50	13.77	41.11	13.89	14.50	17.95	14.50	....	....	8.92*	9.42*	.0967
TOTAL		....	....	1801.66	....	1658.80	1681.20	3020.00	1502.25	1647.58	1851.61	1724.56	....	....	13.39	....	9.35
SCHED. V	(23)	....	....	....	....	....	.3048	.20	....	....	.335	.3043	18.57*	....	....	....	1628.99
	(24)	....	....	....	....	....	.6565	.42	....	....	.7225	.6565	38.40*	....	30.43*	....	....
TOTAL		....	....	....	....	....	842.81	552.50	....	....	927.81	842.81	....	....	65.65*	....	....
*Per C ft.															842.81		

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LATHE, motor-driven bench precision; Mare Island. Sch. 4336; Mar. 5.

MACHINE, one motor-driven milling machine and attachments; Mare Island. Sch. 4335; March 5.

LUMBER, 7,000 ft. b.m. white oak, and 45,000 ft. b.m. do; Mare Island. Sch. 4334; March 5.

MACHINE, dishwashing machine and spares; Mare Island. Sch. 4358; March 8.

NICKEL, plate and rod; Mare Island. Sch. 4372; March 8.

SPONGES, 30,000 loofa fiber; Mare Island. Sch. 4374; March 8.

MATTRESSES, 350 inner-spring mattresses; Western Yards. Schedule 4369; March 8.

ALLOY, 5,000 lbs. copper-nickel, bar; Mare Island. Sch. 4396; Mar. 12.

RUBBER, packing and gasket; East and West Yards. Sch. 4360; Mar. 12.

COKE; East and West Yards. Sch. 4365; March 12.

TUBES, 1200 steel tubes, fuel oil heater; Mare Island. Sch. 4379; March 12.

THINNER, 165,000 gals. volatile mineral spirits paint thinner; East & West Yards. Sch. 4364; Mar. 12.

CABLE, loop antenna cable; Mare Island. Sch. 4408; March 12.

TREADS, 355 metallic ladder treads, aluminum alloy; Mare Island. Sch. 4380; March 15.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until March 4, 3 P. M., bids will be received by the U. S. Engineer Office, Capt. J. G Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order No. 7159/2262, for furnishing: Gasoline hose, hot water hose, sole leather, metalic belt lacing, Allpar semi-metalic packing, cloth inserted sheet rubber, disk valves and wire wheel brushes.

Delivery f.o.b. Rio Vista.

Specifications obtainable from above office.

SACRAMENTO, Calif.—Until March 5, 2 P. M., bids will be received by the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order No. 7165/2262, for furnishing: brass unions, elbows, gees, [illegible]zed ells, black nipples, galva[illegible] pipe, wash-down closed, bath waste and overflow, china nozzle, and reducing elbow. Delivery fob Rio ista.

Specifications obtainable from above office.

SACRAMENTO, Calif.—Until March 5, 3 P. M., bids will be received by the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Order No. 7170/2262, for furnishing: one volume Type P blower, 50-ft. by 8-in. I.D. discharge hose, and two all steel hand general utility hoists, 5-ton capacity. Delivery fob Rio Vista.

Specifications obtainable from above office.

RECLAMATION SERVICE

JUNTURA, Ore.—Until March 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Col., under Spec. No. 616, for furnishing and delivering fob cars at the factory shipping point or at Juntura, Ore., three 18x17-ft. radial gates; three motor-driven, double-drum, radial gate hoists two 3-ft. 3-in. by 3-ft. 3-in. high-pressure gates, and two 42-in. diameter welded plate-steel outlet pipes; for installation in the spillway and outlet works of the Agency Valley Dam, Vale Project, Ore. All apparatus and materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $3, not returnable.

NEVADA STATE

TONOPAH, Nev.—Until March 15, 5 p. m., bids will be received by the Nye County Commissioners, Tonopah, Nev., for furnishing one power (hydraulic) control dual drive motor grader, equipped with two 36x6 front and eight 38x7 rear tires, with puncture-proof tubes, wide front axle and leaning front wheels, starting and lighting equipment and 9-tooth scarifier. Chas. L. Slavin, clerk.

U. S. POST OFFICE DEPT.

LOS ANGELES, Cal.—Until March 8, bids will be received by Purchasing Agent, Post Office Department, Washington, D. C., for furniture and screen line equipment for the U. S. Post Office at Los Angeles, Village Station. Proposal No. 1717.

FRESNO COUNTY

SANGER, Fresno Co., Calif. Until March 5, 8 P. M., bids will be received by the Sanger City Council, Public Library Bldg., Frank Niles, City Clerk, for furnishing one dump truck.

Specifications obtainable from above office.

SACRAMENTO CITY

SACRAMENTO, Cal.—Until March 7, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, I Street, between 9th and 10th Sts., for furnishing steel water pipes and other appurtenances.

Specifications obtainable from above office.

U. S. FOREST SERVICE

SAN FRANCISCO—Until March 7, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for the reconstruction of Municipal Railway Car No. 50, under Contract No. 169.

Specifications obtainable at Room 609, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.

YUBA COUNTY

MARYSVILLE, Yuba Co., Cal.—Until March 4, 8 P. M., bids will be received by the Marysville City Council, Chester O. Gates, Clerk, for furnishing one spraying outfit for the buildings and grounds department of the city.

Specifications obtainable from above office.

MANUFACTURERS AGENTS

We have private office with separate entrance, telephone service and facilities for stock warehousing and shipping if required. Very reasonable rent to suitable party. Would finance stock purchase in good established mechanical line.

637 Minna Street, San Francisco Phone MArket 3612

New Amsterdam Casualty Company

COMPENSATION GENERAL LIABILITY PLATE GLASS
ACCIDENT AND HEALTH FIDELITY AND SURETY
BURGLARY AUTOMOBILE INSURANCE

Branch Office Pacific Coast Department

Walter W. Derr, Resident Vice-President and Manager
Montgomery Street - San Francisco

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED.

ALAMEDA COUNTY, Calif.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $15,225 submitted the only bid to the Alameda County Board of Supervisors for placing steel sheet piling surrounding the Oakland and Alameda underwater pits of the Park Street Bridge.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—R. R. Bishop, 5017 E. Broadway, Long Beach, at $25,270 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for widening a reinforced concrete bridge across Malibu Creek, approximately 10 miles northwest of Santa Monica, Los Angeles County, consisting of 17 31-ft. 6-in. spans on concrete bents and abutments.

Lynch Cannon Engineering Co., Los Angeles, at $27,850, and Byerts & Dunn, Los Angeles, at $37,065, submitted second and third low bids, respectively.

CONTRACT AWARDED

WHITMAN COUNTY, Wash.—G. D. Lyon, 503 14th, Spokane, at $63,386 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing about 1.9 miles, constructing a treated timber trestle 51 feet long and a treated pile and timber overcrossing with a 60-foot steel span, both with concrete deck on the Inland Empire Highway - Easter Route, Oakesdale South U. S. P. W. Project No. NRS-213-A, in Whitman County.

Complete bids follow:

G. D. Lyon, Spokane	$63,386
L. Colucclo, Seattle	64,425
J. F. Konen, Lewiston, Idaho	64,469

CONTRACT AWARDED

SNOHOMISH COUNTY, Washington.—West Coast Construction Co., Lloyd Bldg., Seattle, at $306,128 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for constructing a bridge over Ebey Slough, between Everett and Cavalero's Corner on State Road No. 15, consisting of 6232 lineal feet of treated pile and timber trestle, a 240-foot steel span with 210 feet of concrete approaches, and the paving with Portland cement concrete and asphaltic concrete of the Cavalero's Corner intersection, U. S. P. W. Project No. NRS-189-C, in Snohomish County.

Complete bids follow:

West Coast Construction Co., Seattle	$306,128
Puget Sound Bridge & Dredge Co., Seattle	309,688
General Const. Co., Seattle	310,492

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—R. R. Bishop, 507 E Broadway, Long Beach (as previously reported) submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, Feb. 21, at $25,270 for bridge construction in Los Angeles County, comprising the widening of a reinforced concrete bridge across Malibu Creek, approximately 10 miles northwest of Santa Monica, consisting of seventeen 31-ft. 6-in. spans on concretet bents and abutments, involving:

(1) 500 c.y. structure excavation;
(2) 85 c.y. existing concrete to be removed and disposed of;
(3) 85 c.y. Class A Portland cement concrete footing blocks;
(4) 520 c.y. Class A Portland cement concrete;
(5) 36 c.y. Class E Portland cement concrete railing;
(6) 97,000 lbs. bar reinf. steel;
(7) 780 lbs. bronze expansion plate;
(8) 3.5 M. ft. b.m. redwood timber select all-heart structural grade
(9) 250 tons asphalt concrete;
(10) 560 l.f. temporary railing;
(11) 1 lot misc. items of work.

The bids were:

R. R. Bishop, (1) $6; (2) $12; (3) $14 (4) $18.50; (5) $40; (6) $.043; (7) $.30; (8) $100; (9) $4.50; (10) $2.00 ;(11) $2-000 (Total) $25,270.

Lynch-Cannon Engr. Co., (1) $12.50; (2) $4; (3) $10; (4) $24; (5) $40; (6) $.04; (7) $.30; (10) $100 (9) $4; (10) $.50; (11) $750; (Total) $27,854.

Byerts & Dunn, (1) $20; (2) $4; (3) $16; (4) $20; (5) $50; (6) $.045; (7) $.50 (8) $100; (9) $6; (10) $1; (11) $6,-000; (Total) $37,065.

BIDS WANTED.

RIVERSIDE COUNTY, Calif.—Until March 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge across San Jacinto River, about 1¾ miles east of Elsinore, Riverside County, consisting of nineteen 14-ft. concrete slab spans on creosoted pile bents.

The work involves:

(1) 1050 c.y. rdwy. excav., unclass.;
(2) 60 c.y. structure excavation;
(3) 16 tons fuel oil;
(4) 80 tons crushed gravel or stone;
(5) 4 tons cutback asphalt;
(6) 1 only existing bridge to be removed and disposed of;
(7) 3150 l.f. furnish creosoted Douglas fir piles, including test piles;
(8) 104 each driving do;
(9) 390 c.y. Class A Portland cement concrete;
(10) 77,400 lbs. bar reinf. steel;
(11) 5 M. ft. b.m. creosoted Douglas fir timber;
(12) 586 l.f. timber railing;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED.

IMPERIAL COUNTY, Calif.—Until March 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of two bridges and about 0.2 mile of highway to be graded and surfaced with road mixed bituminous treated material, in Imperial County, about 1½ miles north of Calexico.

The work involves:

(1) 4,200 c.y. imported borrow;
(2) 1200 c.y. selected material;
(3) 26 tons cutback asphalt;
(4) 2400 sq. yds. preparing, mixing and shaping roadbed;
(5) 21 tons fuel oil;
(6) 225 M. gals. water;
(7) 14 stations finishing roadway;
(8) 1 lot moving existing bridges for detour;
(9) 85 c.y. structure excavation;
(10) 155 c.y. Class A Portland cement concrete;
(11) 30,000 lbs. bar reinf. steel;
(12) 2240 l.f. furnish creosoted Douglas fir piles;
(13) 64 each driving creosoted do;
(14) 7 M. ft. b.m. creosoted Douglas fir timber;
(15) 266 l.f. timber railing;
(16) 1 lot removing and disposing of existing bridges;
(17) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

PROJECT APPROVED

FRESNO COUNTY, Cal. — SERA has approved appropriation of $1209 for emergency construction of a new bridge to replace an old bridge that has been condemned due to supporting walls collapsing, about 2 miles north of Parlier, Fresno County. The project will be supervised by C. P. Jensen of Fresno County and will employ 17 laborers

22—DREDGING HARBOR WORKS EXCAVATION

BIDS OPENED.

SAN DIEGO, Cal.—Bids for dredging at the Recreational Pier area at the foot of 28th St., were opened by the San Diego harbor department Feb. 21. The bids were taken as follows:

(A) for dredging approx. 150,000 c.y. in area adjacent to bulkhead at foot of 28th St.;
(B) for rental of one dredger.

The bids were:

Sparks and McClellan, Newport Beach, (A) 20c c.y.; (B) $396 per diem, 24 hours, max., 15½c c.y. (400-hp.)

Frank Doran, San Diego, (A) 24.8c c.y.; (B) $350 per diem, max. 16.9c c.y. (300-hp.)

BIDS WANTED.

OCEANSIDE, San Diego Co., Cal.—Until March 6, 7:30 P. M., bids will be received by the Oceanside city council for the removal of the present fender and the construction of a new fender on the municipal pleasure

der. The work will consist of the removal of the present wooden pilings and the construction of a new steel fender, together with labor, equipment and material. Plans and specifications may be obtained at the office of the street superintendent at the City Hall.

All proposals must be accompanied by a certified check for 5% of the total amount of the bid. John H. Landes, city clerk.

BIDS WANTED

FORT MASON, San Francisco.—Until March 4, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-35-10, for dredging in Slip No. 2, at Fort Mason.

Plans and specifications obtainable from the above office upon deposit of $5.00.

BIDS WANTED

SACRAMENTO, Cal.—Until March 6, 3:30 P. M., bids will be received by the Board of Trustees of the American River Flood Control District, C. H. Merry, Secretary, Room 410 State Bldg., Sacramento, for the construction of East Levee of Meister District.

Plans and specifications obtainable at above office or at Room 926, Forum Bldg. Sacramento, upon deposit of $5.

BIDS WANTED.

FORT MASON, San Francisco.—Until March 4, 10 A. M., as previously reported, bids will be received by the Constructing Quartermaster, Ft. Mason, under Bid No. 2 6616-35-10, for dredging approximately 25,000 c.y. of material in Slip No. 2 at Fort Mason.

Plans and specifications obtainable from the above office upon deposit of $5.00.

ALLOTMENT RESCINDED.

LONG BEACH, Calif.—The Federal Public Works Administration has rescinded a grant of $88,700 for placing about 11,000 feet of concrete sheet piling along Naples Canal and Alamitos Bay, because construction has not commenced. The allotment was made on April 18, 1934.

February 28, 1935

CONTEMPLATED

THE DALLES, Oregon—The Dalles Port Commission plans construction in the near future of two docks which will provide 1000 feet of berthing space for ocean steamers. Estimated cost, $200,000.

This will be the first unit of a complete terminal to be developed if the Columbia River channel is deepened to permit ocean steamers to pass through the slip lock in Bonneville Dam.

Preliminary specifications are being prepared by E. R. Colby of the Colby Engineering Co., Central Bldg., Seattle. Application for PWA funds will be made.

PERMIT ASKED

VENTURA, Ventura Co., Cal.—Application has been made by the City of San Buenaventura for War Department permit to construct two composite type groins each to extend 150 ft. seaward and a composite type breakwater shore end to extend 400 ft. seaward from the mean high tide line at Ventura Harbor. Drawings showing the location and plan of the proposed construction may be seen in the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles, until 11 A. M., Thursday, March 7, 1935. Major H. H. Stickney, district engineer.

BOND ELECTION.

SEAL BEACH, Orange Co., Calif.—An election will be held in Seal Beach March 29 to vote on a $62,000 bond issue to finance the construction of a breakwater on the west side of Anaheim Bay.

Victor Hayes, 302 E. Anaheim St., Long Beach, is the engineer.

BIDS OPENED.

SAN FRANCISCO. — San Francisco Paving Co., 6565 Third St., at $744.00 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18840 for the removal of a landslide on Bay Shore Blvd. approximately 100 ft. north of Hester Ave., involving the removal of approximately 700 c.y. of material.

Complete bids follow:

San Francisco Paving Co.	$ 744.00
Bayshore Const. Co.	774.00
Devincenzi Bros. Co.	1,651.06
Eaton & Smith	1,960.00
M. Bertolino	3,500.00

All bidders of San Francisco.

Bids held under advisement.

23— IRRIGATION PROJ.

BIDS WANTED.

OWYHEE PROJECT, Oregon-Idaho. —Until March 11, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Ore., under Spec. No. 665-D, for the construction of structures, Advancement Lateral (Station 0 to Station 281) and Advancement Wasteway, Advancement Irrigation District, Owyhee Project, near Dunaway, Oregon.

The work involves:

(1) 180 c.y. all classes of excavation for structures;
(2) 920 c.y. of backfill;
(3) 280 c.y. concrete in structures;
(4) 260 sq. yds. dry-rock paving;
(5) Placing 20,000 lbs. reinf. bars;
(6) Laying 290 l.f. 15- to 30-in. diameter concrete pipe;
(7) Installing 4,000 lbs. gates and gate hoists;
(8) Erecting 34 MFBM timber in the structures.

Plans and specifications obtainable from the Bureau of Reclamation, Ontario, Oregon, or Denver, Colo., without charge to prospective bidders; to others $2.75 not returnable.

CONTRACT AWARDED.

SACRAMENTO, Cal.—J. R. Reeves, R. D. No. 3, Box3 100, Sacramento, at $0.169 per c.y. for excavation, including pipe, total $2,704 submitted low bid and awarded contract by the Board of Directors of the American River Flood Control District, Sacramento, for construction of drainage ditches "A", "B" and "C", involving:

(1) 16,000 c.y. excavation;
(2) 1 36-in. dia. corrugated culvert, 50 ft. long;
(3) 1 30-in. do, 48 ft. long;
(4) 1 40-in. do, 40 ft. long.

Complete bids follow:

J. R. Reeves, Sacramento, $0.169 per c.y.; total $2,704.

C. A. Baker, North Sacramento, $0.-174 per c.y.; total $2,784.

A. Teichert & Son, Sacramento, $0.-195 per c.y.; total $3,120.

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

WASHOE COUNTY, Nev.—Washoe County Board of County Commissioners, E. H. Beemer, County Clerk, Reno have awarded contracts for furnishing two tractors, one motor grader, and one truck, as follows:

Durham Chevrolet Co., 221 S. Virginia St., Reno, at $899.70 for Chevrolet 1-ton truck.

Austin Western Road Mchy. Co., $3,811.25 for Junior Dual International No. 77 motor grader.

Collier Tractor & Equipment Co., 502 E. 4th St., Reno, at $2,788.85 for Model 40 gas tractor.

CONTRACTS AWARDED.

EVERETT, Wash.—The Willamette Iron & Steel Corp., 2724 First South, Seattle, has been awarded contracts by the Weyerhaeuser Timber Co. for furnishing six digesters and two acid accumulators for the new pulp mill being built near Everett.

CONTRACT AWARDED.

MARE ISLAND, Cal.—Star Iron & Steel Co., 435 E 11th St., Tacoma, at $75,300 awarded contract by Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 7855, for one 40-ton outdoor electric gantry crane and runway at the Mare Island Navy Yard.

BID OPENING DATE CHANGED

PEARL HARBOR, T. H.—Until Mar. 20, date revised from March 27, previously reported, bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7854, for the construction of extensions to the crane runway at the Submarine Base, Pearl Harbor. Est. cost $5,000.

Specifications obtainable from above office.

CONTRACT AWARDED.

BOULDER CITY, Nev.—Mississippi Valley Structural Steel Co., St. Louis, at $12,992 awarded contract by Bureau of Reclamation, Denver, Colo., for furnishing bulkhead gates for turbine draft tubes for the Boulder Canyon Project, under Spec. No. 648-D.

CONTRACT AWARDED.

BOULDER CITY, Nevada.—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at $18,669.20 awarded contract by the Bureau of Reclamation, Denver, for furnishing and delivering five 30-inch diameter sphere valves for connection to station service penstocks at the Boulder Power Plant, under Spec. No. 610.

BIDS OPENED.

BOULDER CANYON, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., February 20, under Spec. No. 662-D, for furnishing one turbine gallery crane for the Boulder Power Plant:

Harnischfeger Sales Corp., fob Milwaukee, Wis., $18,630.

Alliance Machine Co., fob Alliance, Ohio, $16,975.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal. — Pneumatic Machinery Co., awarded contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, at $4797.98, for furnishing duplex power pumps under Bid No. 32428. The other bids were:

Fairbanks, Morse & Co., $5086.95.

The National Supply Co. of Calif., $5086.95.

The Worthington Co., Inc., $5021.36.

Robert M. Hartwell Co., $4870.27.

BIDS OPENED.

SAN MATEO COUNTY, Cal.—Following bids received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, February 25 for rental of three pneumatic tired dump trucks, chassis wt. not less than 2800 lbs., body capacity not less than 1½ c.y. for approximately 1600 hours, to be used in San Mateo County:

(a) hand loading; (b) power loading.

(a) $1.53; (b) $1.66: Lloyd Dorton, San Bernardino; Lee A. Herlyck, Pasadena; Walter L. Morgan, Pasadena.

(a) $1.50; (b) $1.78: M. E. Askey and J. Askey, San Bernardino.

(a) $1.50; (b) $2.00: M. P. Alves, San Lorenzo.

(a) $1.64; (b) $1.91: Migener and L.

Ryals Truck Co., Pasadena; H. G. McKinzie, San Bernardino; G. Starkenburg, San Bernardino; E. Barbettini, Oakland; Ware Bros., San Bernardino; F. M. Maestretti, Oakland; J. Starkenburg, Los Angeles; Fae Erickson, Oakland; L. Green, Oakland; Rock & Gravel Turck Co., Oakland; Burkholder, Helmuth, Miller, Oakland; W. E. LaMarr, Lomita Park; E. V. LaMarr, Pasadena; R. L. MaMarr, Pasadena; E. E. Myers, Chico; Truck Contr. Equip. Co., Oakland; Fred McCoy, Downey; H. K. Smith, Van Nuys; Arthur Wallgren, S. F.; V. S. Boren, Los Angeles; and A. A. Abercrombie, Whittier.

(a) $1.67; (b) $1.80; S. N. Epperson, Woodland; E. Della Rosa, Martinez; Wm. E. McMahon, Kenwood; Joe Cunha, Hayward; Ed. Barger and S. F. Mullineaux, Oakland; Hayward Bldg. Supply, Hayward; Daniel Gallagher, S. F. A. Texeira, Oakland; Hayward Bldg. Material, Hayward; K. P. Lancaster, Los Angeles; C. H. Sperring, Whittier; J. A. Alexander & Co., Oakland; Turck Contr. Equip. Co., Oakland; A. O. Field, S. F.; Bruno Skibo, Oakland; Edward Ballard, Pasadena; R. G. Weir, Biggs; Jas. T. Thornton, Fairfax; Arthur C. Bussey, Riverside; Louis Lambretti, Mill Valley and N. H. Reynolds, Alameda.

(a) $1.82; (b) $2.15; M. Bertolino, San Francisco.

(a) $1.91; (b) $1.64; F. W. Totten, Oakland.

(a) $2.25; (b) $2.50; Arris Knapp, Oakland.

Bids held under advisement.

LOW BIDDERS

MARE ISLAND, Cal.—Orton Crane & Shovel Co., 608 S. Dearborn St., Chicago, at $38,930 on Item (1) and at $38,780 on Item (2) submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7857, for furnishing two 20-ton locomotive cranes for the Mare Island Navy Yard.

American Hoist & Derrick Co., St. Paul, Minn., at $47,480 on (1) and $47,280 on (2), submitted second low bid.

Third low bid was submitted by the Ohio Locomotive Crane Co., Bucyrus, Ohio, on Item (2) only, at $43,450.

Complete bids will be published shortly.

28—FIRE EQUIPMENT

CONTEMPLATED.

KINGS COUNTY, Calif.—Formation of a fire protection district covering approximtely 560 square miles is contemplated in Kings County. Estimated cost of the project is $50,000, involving clearing of 150 miles of roadsides, construction of 60 miles of firebreaks, establishment of a lookout station and purchase of 2 fire trucks.

PURCHASE PLANNED

SANGER, Fresno Co., Cal.—Sanger City Council has authorized purchase of 150 feet of 2½-in. fire hose.

CONTRACTS AWARDED.

PATTERSON, Stanislaus Co., Cal.—P. E. Van Pelt, Dodge Bros. Motor Co., Patterson, awarded contract by the West Stanislaus Rural Fire Protective District for furnishing two trucks of 100 gals. per minute pumping capacity.

Patchetts and Carstensen, Newman, awarded contract for furnishing one truck with a pumping capacity of 400 gals. per minute.

This district was formed recently and includes all that area lying between the Merced County line on the south, San Joaquin on the north, the San Joaquin River on the east, and Santa Clara County on the west.

PURCHASE PLANNED.

GRIDLEY, Butte Co., Calif.—Purchase of fire truck for rural fire district in Gridley-Biggs area is planned. W. F. Randolph is chairman of a committee from community organizations raising $1200.

30—RESERVOIRS & DAMS

BIDS WANTED.

BONNEVILLE, Ore.—Until March 12, 3 P. M., bids will be received by the U. S. Engineer Office, Major C. F. Williams, District Engineer, 306 Customhouse, Portland, under Bid No. 35-457, for furnishing and installing one derrick and the shop lock emergency dam, and for furnishing one derrick, three valve chamber unwatering gates and fifty stop logs.

Bids will be taken as follows:

SCHEDULE I

Derricks and Emergency Dam

(1) 604,000 lbs. struc. nickel steel;
(2) 100 lbs. chrome nickel steel;
(3) 100 lbs machine steel;
(4) 2 lbs. spring steel;
(5) 3,300 lbs. bolt steel;
(6) 400 lbs. carbon steel forgings;
(7) 19,000 lbs. nickel steel forgings;
(8) 900 lbs. carbon steel castings;
(9) 81,000 lbs. nickel steel castings;
(10) 7,300 lbs. phosphor bronze;
(11) 1,000 lbs. bronze bolts;
(12) 190 l.f. wrought iron pipe, 5-inch standard;
(13) 3 M. ft. b.m. white oak;
(14) 1 job emergency dam derrick at west end of lock;
(15) 1 do, for east end of lock;

SCHEDULE II

Unwatering Gates and Stop Logs

(16) 45,000 lbs. structural carbon steel
(17) 1,400 lbs. bolt steel;
(18) 100 lbs. cold rolled steel;
(19) 5,000 lbs. carbon steel castings;
(20) 900 lbs. iron castings;
(21) 700 lbs. phosphor bronze;
(22) 7 M. ft. b.m. Douglas fir;
(23) 80 lbs. rubber seals;
(24) 3 each hand-operated hoists;
(25) 54 lbs. spring steel;
(26) 50 lbs. bronze bolts.

Bids will be taken on two alternates, as follows:

Alternative "A": For performing the work, etc., as specified, except that the Government will pay the cost of transporting the equipment and materials from bidder's shipping points to Bonneville, Ore.

Alternative "B" For performing the work, etc., as specified, with the understanding that all transportation costs from factory shipping points to Bonneville are included in bid prices, and will be paid by the bidder.

Further information obtainable from the U. S. Engineer Office, 341 Pittock Block, Portland.

PREPARING SPECIFICATIONS

LONG BEACH, Cal.—Fred F. Porter, General Manager of the Water Department, was authorized by the board of water commissioners Feb. 21 to prepare specifications for six steel water tanks of a total capacity of 21,500,000 gallons with grading and fill for same, to be constructed on Alamitos Hill at State St. and Loma Ave. The estimated cost is $266,000. The tanks will be 35 ft. in height with a circumferance of 420 ft.

BIDS WANTED.

SANTA CLARA COUNTY, Cal.—Until March 13, 10 A. M. (to be opened at 10:15 A. M., bids will be received by the Board of Directors of the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Room 62, Grant Bldg., San Jose, for the construction of Guadalupe Dam and Spillway on Guadalupe Creek, about 12 miles south of San Jose, and 7 miles southeast of Los Gatos, Santa Clara County. The site may be reached by county roads and is about three miles from siding at LeFranc, on a branch line of the Southern Pacific Railway.

The dam will be of the earth fill type, with upstream face paved and with a concrete lined side channel spillway. The structure will be 730 ft. in length at the crest, 100 ft. in height and will store 3500 acre feet of water. Estimated cost, $330,000.

Bids will be taken as follows:

(1) 50,000 c.y. stripping;
(2) 515,000 c.y. embankment in place in dam;
(3) 900 c.y. backfill in exploration tunnels and shafts;
(4) 800 c.y. concrete in outlet works, spillway weir, sill, etc.;
(5) 140,000 sq. ft. concrete facing on the dam;
(6) 40,500 sq. ft. concrete lining in spillway;
(7) 265,000 lbs. reinforcing steel in place;
(8) 3500 lbs. structural steel in place;
(9) 690 l.f. 36-in. steel outlet pipe in place;
(10) Installation in the outlet works; one sluice gate, on cast iron reducer, one butterfly valve, one discharge pipe, and all appurtenances, all furnished by the District, lump sum;
(11) 1 bronze tablet furnished and installed, lump sum;
(12) 1 engineer's field office, furnished and erected, lump sum;
(13) Premium on 50% surety and 100% performance bonds.

Specifications obtainable at above office or at the office of Fred H. Tibbetts, Engineer, 1320 Alaska Commercial Bldg., San Francisco.

BIDS WANTED.

SANTA CLARA COUNTY, Cal.—Until March 13, 10 A. M., bids will be received by the Board of Directors of the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Room 62, Grant Building, San Jose, for furnishing gates, valves, and appurtenances required for controlling flow through outlet works of Almaden, Calero, Coyote, Guadalupe and Stevens Creek dams, PWA Project 6051.

Bids will be taken as follows:

(1) Eight gate units, including in each unit on hydraulically operated 42 inch slide gate and its operating mechanism, one special cast iron taper, one 30-in. butterfly valve and its operating mechanism, and one 2-foot section of 30-in. steel pipe, and in each case complete with all specified appurtenances.

(2) One butterfly valve and its operating mechanism, and one 2-ft. section of 30-in. steel pipe, both complete with all appurtenances.

(3) 4500 l.f. extra heavy 1-in. galvanized pipe;
(4) 3.75 MBM redwood lumber;
(5) 550 lbs. ½x6½-in. machine bolts and cut washers;
(6) 100 lbs. 20d common spikes;
(7) Premium on fifty percent performance bond.

Delivery fob cars at railroad stations nearest the sites of the various dams, or by truck to the dam sites.

Specifications obtainable at above office or at the office of Fred H. Tibbetts, Engineer, 1320 Alaska Commercial Bldg., San Francisco.

31—PIPE LINES & WELLS

PROJECT APPROVED.

RICHMOND, Contra Costa Co., Cal.—SERA has approved a supplemental appropriation of $7,486 for providing for the continuation of digging a water well at Alvarado Park, Richmond. E. A. Hoffman of Richmond will supervise the project, which will give employment to 12 laborers.

CONTEMPLATED.

TULELAKE, Siskiyou Co., Calif.—Development of domestic water supply system considered as PWA project. Application to be made for $15,000 from federal funds for drilling 1,000-foot well within city limits.

CONTEMPLATED.

EVERETT, Wash. — Everett City Council plans the construction of a pipe line to supply 22,000,000 gallons of water daily to the new pulp mill to be built near Everett by the Weyerhaeuser Timber Company.

Starting at 25th and Harrison Sts., 5,000 feet of 36-in. steel pipe will be laid to Reservoir No. 2 on Rucker Hill, from which point 5,000 feet of 36-in. pipe (3750 ft. steel and 1250 ft. wood) will deliver water to the pulp mill filter basins. Estimated total cost of project is $100,000. Application will be made for PWA funds.

C. J. Erickson, Commissioner of Public Works. Granville Paine, Water Superintendent.

TO ASK BIDS.

TORRANCE, Los Angeles Co., Cal.—Bids will be called within the next ten days for the drilling and casing of a 16-in. well at a site 700 ft. west of Cedar Avenue and 400 ft. north of Torrance Blvd. The depth of the proposed well will be about 700 ft. Bids will also be called for constructing an elevated steel tank and tower at the same site. The tank will be of 250,000-gallon capacity and the tower 170 ft. in height. Plans and specifications are being prepared by F. B. Leonard, city engineer. The PWA agreement and grant (total $170,000) have been signed and forwarded to the state engineer of PWA for approval. Plans for an additional well and an additional tank of 1,800,000-gal. capacity will be submitted to Washington with favorable recommendations from the Los Angeles PWA office.

32—SEWERS & SEWAGE DISPOSAL PLANTS

February 22, 1935

CONTRACTS AWARDED.

BURLINGAME, San Mateo Co., Cal.—The PWA has approved award of contracts by the Burlingame City Council for the construction of the sewage treatment plant and sewer system as follows :

H. E. Conner, 1222 Whipple Avenue, Redwood City, at $38,941.07 on Schedule No. 2, for the pipe sewers and sewage relift station.

C. W. Caletti & Co., P. O. Box 243, San Rafael, at $14,200 on Schedule No. 3, for fill from imported borrow for roadway and general fill; loose rock riprap for slope protection.

Fredrickson & Watson Const. Co., 873 81st Ave., Oakland, at $78,250 on Schedule No. 4, for the sewage disposal works, including all items not included in Schedules Nos. 2 and 3, but omitting the chlorination equipment and gas engine generator unit.

BONDS SOLD.

LOS ANGELES, Calif. — Bonds of County Sanitation Districts 1, 2, 5 and 8, amounting to $1,768,000 have been sold to a syndicate headed by John Neuveen & Co. of Chicago. The bids were opened Feb. 13. The proceeds of these bonds, together with the $872,000 PWA grant will be used for the construction of the White's Point Outfall Sewer.

CONTEMPLATED.

SALEM, Ore.—Salem City Council has authorized a special committee composed of Mayor V. E. Kuhn and Councilmen Cuyler Van Patten, Fred A. Williams, Paul R. Hendricks and Carl B. Armpriest, to work out plans for meeting PWA requirements for $360,000 loan and grant for sewage disposal plant and sewerage system extension projects, and to handle arrangements for engineering, design, and specifications. The City has already authorized issuance of $457,000 of self-liquidating bonds to meet costs of projects.

Original estimates and rough plans were prepared by Ray E. Koon, John W. Cunningham, and Robt. G. Dieck, Portland engineers for Oregon Reconstruction Advisory Board.

CONTRACT AWARDED.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 728 Bissell, Richmond, awarded contract by the Elementary School Board of Washington School for the extention of the existing school sewer to connect with Cutting Blvd. sewer.

TO ASK FUNDS.

HUNTINGTON BEACH, Orange Co. Cal.—City Engineer Harry A. Overmeyer, has announced that federal aid will be asked by the city to finance the construction of a new sewage disposal plant costing $100,000. Plans for such a plant have been prepared by O. A. Stone, consulting engineer. The present system has been condemned by both state and county authorities.

FUNDS ASKED.

WILLIAMS, Ariz.—Application has been made to Howard S. Reed, State PWA engineer, Phoenix, for $55,000 for a sewer system for the town of Williams.

BOND ELECTION.

SEAL BEACH, Orange Co., Calif.—An election will be held in Seal Beach March 29 to vote on a $40,000 bond issue to finance the construction of a sewage disposal plant and sewer mains.

Victor Hayes, 302 E. Anaheim St., Long Beach, is the engineer.

33— WATER WORKS

PROJECT APPROVED.

CROCKETT, Contra Costa Co., Cal.—SERA has approved a supplemental appropriation of $1,728 for providing for the continuation of the water mains and hydrants project at Crockett. The project will be supervised by H. M. Pearson of the Carquinez Fire Protection District, and will employ 15 laborers.

BIDS WANTED.

OSWEGO, Ore.—Until March 5, 8 P. M., bids will be received by the Oswego City Council. E. J. Duis, City Recorder, for furnishing one deep well turbine pump. The pump is to have 340-foot setting with an additional 20-ft. suction pipe, equipped with a 440 volt 3-phase vertical turbine type motor and have a capacity of not less than 300 gallons per minute to be installed in a 10-in. cased well, 400 ft. in depth. Present water level at 260 feet. Certified check or bidder's bond of not less than 10% must accompany each bid.

Each proposal must be accompanied with detail plans and specifications.

FUNDS ASKED.

GLOBE, Ariz.—An application for PWA funds for water system improvements has been filed with the Gila county planning board by Mayor W. A. Sullivan and city officials. The proposed work includes $45,000 for water mains and $16,000 for exploration of water supply east of Globe and for connecting lines to the various wells.

BIDS WANTED.

SAN FRANCISCO.—Until March 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 77, for laying 6- and 8-in. cast iron mains in the area from Funston Ave. to 35th Ave., and from Quintara Street to Wawona Street.

Bids will be taken as follows:

(1) Excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep, 30,640 l.f.;
(2) Additional excavation and backfill, 480 c.y.;
(3) Additional pavement removal and replacement, 1,190 sq. ft.;
(4) Installing of pipe;
  (a) 28,750 l.f. of 6-in. bell and spigot cast iron pipe;
  (b) 1,890 l.f. of 8-in. do.
(5) Installing 12,940 lbs. fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 3,440 l.f. bell and spigot joints;
(7) Repavement, 47,520 sq. ft.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

CONTEMPLATED.

CONTRA COSTA COUNTY, Cal.—Mass meeting to consider formation of a Contra Costa County water district to obtain water from the Central Valley Project is called for March 14 at Pittsburg city hall. Lester Mullen, secretary of the Salt Water Barrier Assn., is chairman.

BIDS WANTED.

SAN FRANCISCO.—Until March 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 76, for laying 6- and 8-in. cast iron mains in the area from 26th Ave. to 48th Ave., and from Fulton St. to El Camino.

Bids will be taken as follows:

(1) Excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep, 34,790 l.f.;
(2) Additional excavation and backfill, 550 c.y.;
(3) Additional pavement removal and replacement, 1,232 sq. ft.;
(4) Installing of pipe;
  (a) 23,790 l.f. of 6-in. bell and spigot cast iron pipe;
  (b) 11,000 l.f. of 8-in. do;
(5) Installing 14,750 lbs. fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 4,352 l.f. bell and spigot joints;
(7) 49,290 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

BIDS WANTED.

SAN FRANCISCO.—Until March 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 56, for laying 12 and 16-in. cast iron feeder mains in the southwest section of San Francisco.

Bids will be taken as follows:

(1) Excavation and backfill;
  (a) for 12-in. cast iron pipe, trench 24-in. wide by 44-in deep, 7,160 l.f.
  (b) for 16-in. cast iron pipe, trench 30-in. wide by 48-in. deep, 22,080 lin. ft.;
(2) Additional excavation and backfill, 1,010 c.y.;
(3) Additional pavement removal and replacement, 1920 sq. ft.;
(4) Installing of pipe:
  (a) 7,160 l.f. 12-in. bell and spigot cast iron pipe;
  (b) 22,080 l.f. 16-in. do;
(5) Installing 75,680 lbs. of fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 8,150 l.f. bell and spigot joints;

(7) Repavement, 76,470 sq. ft.
Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

BIDS WANTED.
SAN FRANCISCO.—Until March 20, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 57, for laying 12 and 16-in. cast iron feeder mains in the easterly section of San Francisco.
Bids will be taken as follows:
(1) Excavation and backfill;
(a) for 12-in. cast iron pipe, trench 24-in. wide by 44-in deep, 12,930 lin. ft.;
(b) for 16-in. cast iron pipe, trench 30-in. wide by 48-in. deep, 9,220 lin. ft.;
(2) Additional excavation and backfill, 690 c.y.;
(3) Additional pavement removal and replacement, 1,350 sq. ft.;
(4) Installing of pipe:
(a) 12,930 l.f. 12-in. bell and spigot cast iron pipe;
(b) 9,220 l.f. 16-in. do;
(5) Installing 41,780 pounds of fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 6,200 l.f. bell and spigot joints;
(7) Repavement, 53,800 sq. ft.
Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

FUNDS ASKED.
FLAGSTAFF, Ariz.—An application for $40,000 for water storage and development for the City of Flagstaff has been filed with the State PWA Engineer at Phoenix.

TO ASK BIDS
HEALDSBURG, Sonoma Co., Cal.—The Healdsburg City Council has authorized calling for bids for 6000 feet of 4-in. cast iron water mains, which will be used to replace existing wrought iron mains on Brown, College, Sherman, Lincoln and North Streets, between University and First Streets.

BOND ELECTION.
SEAL BEACH, Orange Co., Calif.—An election will be held in Seal Beach March 29 to vote on a $30,000 bond issue to finance the construction of a municipal water system.
Victor Hayes, 302 E. Anaheim St., Long Beach, is the engineer.

34— PARKS & PLAY-GROUNDS

PROJECT APPROVED.
SANTA MONICA, Los Angeles Co., Cal.—SERA has approved appropriation of $14,109 for grading and laying out playing field, constructing grandstand, dressing rooms, ticket offices and scoreboard, laying sewer and water lines, and inclosing the field with an 8-ft. fence, at the Santa Monica Municipal Ball Park, 14th St. at Colorado. H. B. Carter of Santa Monica will supervise the project, which will employ one timekeeper and 57 laborers.

PROJECT APPROVED.
DINUBA, Tulare Co., Calif.—SERA has approved appropriation of $5,531 for construction of an athletic bowl, involving 7236 yards of dirt to be taken from borrow pit and back-filled by hand labor; constructing 400 bleacher seats; building concrete retaining walls; rebuilding fences; relaying water pipe, and installing drainage pipe. Frank Curff of Dinuba, will supervise the project, which will give employment to one timekeeper and 59 laborers.

FUNDS ALLOTTED.
SANTA BARBARA, Cal.—The Federal Public Works Administration has allotted a loan and grant of $45,000 to the city of Santa Barbara for the construction of seven concrete tennis courts and a tennis stadium. The approximate cost of labor and material is $41,400, of which 30% is a grant. The balance is a loan secured by 4% General Obligation Bonds.

PROJECT APPROVED
NORTH SACRAMENTO, Sacramento County, Cal.—SERA has approved appropriation of $10,471 for construction of a playgrounnd for the Sacramento high School at North Sacramento. Project will be supervised by J. R. Overturf of the Board of Education and will employ 80 laborers.

BIDS WANTED
RENO, Nevada — Bids are being received by the Custodian, U. S. Post Office, Reno, Nevada, for seeding and planting the grounds at the U. S. Post Office, Reno, Nevada.

BIDS WANTED
VALLEJO, Solano Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Vallejo, for seeding and planting the grounds at the U. S. Post Office, Vallejo.

BIDS WANTED
GLENDALE, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Glendale, for seeding and planting the grounds at the U. S. Post Office, Glendale.

BIDS WANTED.
TECATE, San Diego Co., Cal.—Bids are being received by the Custodian, Inspection Station, Tecate, for seeding and planting the grounds at the U. S. Inspection Station, Tecate.

LOW BIDDERS
LIVERMORE, Alameda Co., Cal.—Dallman Supply Co., 8th and R Sts., Sacramento, submitted low bid for pipe and fittings and Atlas Lawn Sprinkler Co., 981 Folsom St., San Francisco, submitted low bid for sprinkler heads to Veterans' Administration Facility, E. W. Tallman, Business Manager, Livermore, for furnishing sprinkler heads, etc., as follows:
(1) 293 heavy duty concealed pop-up type, underground, rotating sprinkler heads;
(2) 818 concealed pop-up underground non-rotating sprinkler heads, spray type;
(3) 330 concealed fixed strip type underground sprinkler heads for a narrow 5-ft. parking strip;
(4) 50 bubble type sprinkler heads for shrubbery irrigation.
Bids forwarded to Washington with recommendation that awards be made to low bidders.

35— TUNNELS

AWARD RECOMMENDED.
MARIPOSA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $16,800 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for constructing a gunite lining in the unlined portions of the Wawona Tunnel, Section A5 of Route 2, the Wawona Road, Yosemite National Park, Mariposa County.
Bids were taken as follows:
(1) 550 c.y. gunite;
(2) extra work, consisting of warning signs.
Complete bids follow:
(A) Peninsula Paving Co., San Francisco, (1) $32; (2) $300; total $16,800.
(B) J. H. Pomeroy & Co., Inc., San Francisco, (1) $32.80; (2) $300; total, $18,340.
(C) Case Const. Co., Alhambra, (1) $35.70; (2) $300; total $19,935.
(D) Engineer's estimate, (1) $30; (2) $300; total $16,800.

29—STREETS AND HIGHWAYS

PROJECT APPROVED.
SAN MATEO COUNTY, Calif.—The SERA has approved appropriation of $5,564 for the construction of concrete box culvert through San Bruno Park School District grounds, and grading and paving of school yard, in San Mateo County. F. A. Savage of the San Bruno Park School District will supervise the project, which will employ 46 laborers

PROJECT APPROVED.
BERKELEY, Alameda Co., Calif.—SERA has approved appropriation of $32,265 for removing existing wooden curbs, excavation, setting forms, mixing, placing and finishing of concrete for approximately 40,000 ft. of new curbing, Unit No. 2, Berkeley. The project will be supervised by Harry Goodridge of Berkeley, and will employ one timekeeper and 64 laborers.

PROJECT APPROVED
NORTH SACRAMENTO, Cal.—SERA has appraved appropriation of $13,074 for grading and surfacing 3000 lineal feet of road on Bassetlaw Ave., North Sacramento. C. L. Knight of the City of North Sacramento, will supervise the project, which will give employment to 100 laborers.

NOTICE TO BIDDERS.
SAN DIEGO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, between Emerald Ave. and East City limits of El Cajon, road XI-S.D-12-ECj, for which bids are to be received in Los Angeles on March 14.
Said representative will meet prospective bidders at Emerald Ave. and Main St., which is the beginning of the project in city of El Cajon on Friday, March 1 and 8, 1935, at 10 A. M.
Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

PROJECT APPROVED
CARMEL, Monterey Co., Cal.—SERA has approved appropriation of $7510 for constructing 3000 lineal feet of rock gutter, 12 rubble water drops and 300 lineal feet of rubble retaining wall at the Beach Frontage, Carmel, District No. 5, Monterey County. Project will be supervised by H. F. Coggens of the City of Carmel, and will employ one foreman and 44 laborers.

BIDS WANTED.
ANTIOCH, Contra Costa Co., Cal.—Until March 11, 8 P. M., bids will be received by the Antioch City Council, J. E. McElheney, City Clerk, City Hall, for the improvement of Fourth Street between I and K Streets.
Specifications obtainable from above office.

PROJECT APPROVED.
MENDOCINO CO., Cal.—SERA has approved appropriation of $11,256 for the improvement of the Ukiah-Boonville Road in the First Road District.

Mendocino County. Work involves clearing right-of-way, widening, regrading, straightening alignment, cut-back and slope banks, etc. Project will be supervised by E. H. Smith, and will give employment to one foreman and 45 laborers.

NOTICE TO BIDDERS.

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised bids to be opened in Sacramento on March 13 and in Los Angeles on March 14, 1935.

I-D.N-1-E, bids to be opened March 13: No plans or cross-sections.

IV-S.M-56-E, bids to be opened Mar. 13: PLANS (No. of Sheets) 8; (Cost) $0.80; CROSS - SECTIONS (No. of Sheets) 39; (Cost) $3.90; (Total) $4.70.

VII-Ven - Camarillo State Hospital, bids to be opened March 14: PLANS, (No. of Sheets) 8; (Cost) $.80; CROSS SECTIONS (No. of Sheets) 14; (Cost) $1.40; (Total) $2.20.

X-S.J-Feeder Road, bids to be opened March 13: PLANS (No. of Sheets) 6; (Cost) $0.60 No cross-sections.

XI-S.D-12-ECJ, bids to be opened March 14: Plans (No. of Sheets) 13; (Cost) $1.30; CROSS-SECTIONS (No. of Sheets) 23; (Cost) $2.30; (Total) $3.60.

Checks for the above should be made payable to the Department of Juhlic Works, Division of Highways, and should accompany the order for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

PROJECT APPROVED

BERKELEY, Alameda Co., Cal.—SERA has approved appropriation of $14,070 for concrete curbing, painting, clearing, grading, etc., at the California School of the Blind, Berkeley. K. S. French of the California School for the Blind will supervise the project which will employ one timekeeper and 38 laborers.

BIDS WANTED.

TRINITY CO., Cal.—Until March 28, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for bituminous treatment (light surface application) of Sections A, B, C, D and E of Route 5, the Douglas City- Peanut National Forest Highway, Trinity National Forest, Trinity County. The length of the project is 19.662 miles, and involves 590 tons of liquid asphaltic road material, Type SC-2.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED.

TEHAMA COUNTY, Cal.—Until May 3, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for bituminous treatment (light surface application) of Sections A, B, C, D and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

The length of the project is 16.208 miles and involves 470 tons liquid asphaltic road material, Type SC-2.

Plans and specifications obtainable

GLENN COUNTY—0.6 Mi. Grade and Surface, Etc.—(State)

GLENN CO., Calif.—Tiffany Const. Co., 535 N 7th St., San Jose, at $53,-084 submitted low bid to the State Highway Commission, Sacramento, for highway construction in Glenn county between three miles north of Willows and Orland, totaling about ten miles in length, of which about 0.6 mile is to be graded and surfaced with crusher run base and bituminous treated crushed gravel or stone; and the remainder to be widened and borders of crusher run base constructed.

Bids were taken as follows:

(1) 9,200 c.y. rdwy. excav., unclass.;
(2) 5,000 sta. yds. overhaul;
(3) 4,300 c.y. imported borrow;
(4) 400 c.y. structure excavation;
(5) 18,800 tons crusher run base;
(6) 250 M. gals. water;
(7) 90 tons fuel oil;
(8) 1,200 tons crushed gravel or stone (bituminous treated surfacing);
(9) 58 tons cut-back asphalt (do);
(10) 60 c.y. Class A Portland cement concrete (structures);
(11) 6,500 lbs. reinf. steel (struc.);
(12) 48 l.f. 18-in. CMP;
(13) 142 l.f. 18-in. CMP;
(14) 5 c.y. existing concrete removed and disposed of;
(15) 20 each culvert headwalls removed and reset;
(16) 1,000 l.f. existing guard rail removed and salvaged;
(17) 1,000 l.f. laminated timber guard rail;
(18) 0.3 mile property fence removed and reset;
(19) 1.1 miles new property fence;
(20) 2 each fence gates;
(21) 8 each monuments complete, in place;
(22) 528 stations finishing roadway

Total bids follow:

(A) Tiffany Const. Co., San Jose, $53,-084.00.
(B) Pacific States Const. Co., S. F., $54,867.00.
(C) A. Teichert & Son, Inc., Sacramento, $55,947.00.
(D) C. W. Caletti & Co., San Rafael, $55,979.50.
(E) Peninsula Paving Co., San Francisco, $61,208.04.
(F) Hanrahan - Wilcox Corp., S. F., $62,924.80.
(G) E. A. Forde, San Anselmo, $63,-148.50.
(H) Chas. L. Harney, San Francisco, $66,116.74.
(I) A. G. Raisch, San Francisco, $69,-758.50.
(J) Hemstreet & Bell, Marysville, $69-905.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .23	$ .40	$ .24	$ .42	$ .35	$ .20	$ .35	$ .53	$ .90	$ .30
(2)	.03	.02	.02	.005	.02	.02	.01	.02	.03	.02
(3)	.45	.40	.60	.55	.65	.56	.35	.77	.90	.65
(4)	.80	.70	1.00	1.20	1.50	1.00	1.00	1.21	.90	1.00
(5)	1.80	1.86	1.93	1.80	2.05	2.41	2.25	2.15	2.30	2.50
(6)	1.50	2.00	2.50	2.10	1.25	.70	1.00	1.20	2.00	2.00
(7)	12.00	16.00	15.00	13.75	14.20	15.00	12.00	21.50	14.00	15.00
(8)	4.25	3.60	3.70	3.65	4.45	2.80	4.20	4.70	4.50	4.00
(9)	20.00	12.00	17.00	22.00	18.75	18.00	17.00	20.00	15.00	17.50
(10)	18.00	18.00	22.00	27.50	19.00	20.00	25.00	27.00	20.00	25.00
(11)	.06	.055	.05	.06	.05	.05	.05	.07	.05	.06
(12)	1.35	2.00	2.00	1.20	1.80	1.10	2.50	1.48	1.50	2.15
(13)	1.60	1.75	2.00	1.70	1.92	1.50	2.25	2.10	1.70	2.00
(14)	4.00	3.50	5.00	5.00	5.00	5.00	3.00	5.00	10.00	4.00
(15)	8.00	15.50	15.00	17.00	10.00	10.00	8.00	8.50	15.00	10.00
(16)	1.00	.12	.01	.50	.20	.20	.10	.22	.15	.30
(17)	1.25	1.00	1.00	1.00	1.00	.80	1.20	.62	1.00	1.00
(18)	300.00	175.00	400.00	150.00	240.00	200.00	400.00	275.00	400.00	400.00
(19)	500.00	700.00	700.00	700.00	800.00	800.00	1100.00	760.00	650.00	900.00
(20)	20.00	20.00	30.00	20.00	35.00	30.00	20.00	16.50	20.00	15.00
(21)	3.00	3.00	3.00	3.00	3.50	2.50	5.00	3.50	3.00	3.00
(22)	4.00	5.00	5.00	5.50	7.00	5.50	6.00	6.50	3.00	8.00

SAN FRANCISCO — STREET IMPROVEMENT—(CITY)

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $1,567 submitted low bid to the Department of Public Works, City Hall, for the improvement of Kramer Place between Greenwich Street and the southerly termination of Kramer Place and Pardee Alley bet. Kramer Place and Grant Avenue.

The work involves:

(1) 30 c.y. sand fill;
(2) 8 l.f. 10-in. vitrified clay pipe culvert in place;
(3) 3 8x6-in. wye branches in place;
(4) 1 brick manhole complete;
(5) 15 l.f. vitrified clay pipe side sewers in place;
(6) 1 brick catchbasin complete;
(7) 296 l.f. armored concrete curb;
(8) 200 lbs. bar reinf. steel in place;
(9) 20 c.y. Class B concrete in stairs and wall;
(10) 50 l.f. 1½-inch stand. 3-pipe railing, including 10 concrete posts;
(11) 500 sq. ft. 1-course concrete sidewalk;
(12) 140 sq. ft. 6-in. Class E concrete pavement

Total bids follow:

(A) R. S. Silverberg $1,567.00
(B) M. Peira & Son 1,633.60
(C) Fay Improvement Co. 1,801.60
(D) Chas. L. Harney 1,853.00
(E) C. C. W. and H. H. Haun 1,911.00
(F) E. J. Treacy 1,952.00
(G) DeLuca & Son, Inc. 2,201.00
(H) M. Bertolino 2,258.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ 1.00	$ 1.25	$ .50	$ 1.50	$ 1.00	$ 2.50	$ 3.00
(2)	1.20	.90	2.50	1.00	2.00	1.50	3.50	2.50
(3)	4.00	1.50	1.50	3.00	2.50	3.00	15.00	4.00
(4)	85.00	75.00	130.00	100.00	90.00	100.00	150.00	100.00
(5)	1.00	.90	1.50	1.00	1.50	1.00	5.00	2.00
(6)	75.00	75.00	130.00	90.00	85.00	100.00	125.00	100.00
(7)	.60	.90	.85	1.00	1.00	1.00	1.50	1.00
(8)	.05	.05	.06	.06	.06	.06	.07	.10
(9)	25.00	25.00	22.00	.25	.18	.245	.21	.30
(10)	1.10	2.00	3.00	30.00	32.00	30.00	25.00	35.00
(11)	.15	.12	.135	1.50	3.50	3.00	3.50	2.00
(12)	.22	.23	.24	.15	.14	.15	.14	.18

All bids referred to the City Engineer.

from the above office upon deposit of $10.00.

LOW BIDDERS

GILA and NAVAJO Counties, Arizona.—Lee Moor Contracting Co., 807 Bassett Tower Bldg., El Paso Tex., submitted the low bid to the Arizona State Highway Commission, Phoenix, Feb. 20, at $185,075.00, for highway construction on the Globe-Showlow Highway, NRH 99-1 (1935) A. F. E. 6054. The work, which is to begin about 56½ miles northwest of Globe and extend northeasterly about 4½ miles, consists of grading and draining.

Hodgman & MacVicar, submitted the second low bid at $211,149.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Southwest Paving Co., 712 Lankershim Bldg. Los Angeles (as previously reported) submitted the low bid to C. H. Purcell, State Highway Engineer, Los Angeles, Feb. 21, at $11,105, for highway construction in Oceanside, San Diego County, on Hill St. between Wisconsin Ave. and 8 St., about 1.1 miles in length, to be surfaced with bituminous treated crushed gravel or stone, involving:

(1) 15 tons emulsified asph. road oil;
(2) 3500 tons crushed gravel or stone
(3) 160 tons cutback asphalt.

The bids were:

Southwest Paving Co., Los Angeles (1) $50; (2) $2.25; (3) $15.50; (total) $11,105.00.

Griffith Co., Los Angeles, (1) $55; (2) $3.30; (3) $15; (total) $14,775.

R. E. Hazard Contr. Co., San Diego, (1) $60; (2) $3.10; (3) $20; (total) $14,-950.00.

BIDS WANTED.

SOLANO COUNTY, Cal.—Until Mar. 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.7 mile grading and surfacing with bituminous treated crushed gravel or stone, plant mix, through Fairfield, Solano County.

The work involves

(1) 700 c.y. rdwy. excav., unclass.;
(2) 850 c.y. selected material;
(3) 550 c.y. structure excavation;
(4) 65 c.y. Class A Portland cement concrete (sidewalks, curbs and gutters);
(5) 30 c.y. do (structures);
(6) 2500 lbs. bar reinf. steel (struc.);
(7) 326 l.f. 12-in. CMP;
(8) 524 l.f. 15-in. CMP;
(9) 798 l.f. culverts remove and salvage;
(10) 1 each cast steel frame and cover for drop inlet.
(11) 19 each steel covers Type A curb inlets;
(12) 21 each Type B do;
(13) 7 each steel grates, Type A-1;
(14) 12 each do, Type A-2;
(15) 7 each do, Type B-1;
(16) 14 each do, Type B-2;
(17) 300 c.y. removing and disposing of concrete;
(18) 130 c.y. salvaged pavement base;
(19) 160 tons crusher run base;
(20) 3000 tons bituminous treated surfacing;
(21) 21,400 sq. yds. paint binder emulsified asphalt;
(22) 21,500 sq. yds. seal coat do.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

FUNDS ASKED.

GLOBE, Ariz.—The City of Globe has filed with the Gila county planning board an application for PWA funds as follows: $20,000 for paving repairs; $50,000 for new paving, and $13,000 for widening of streets.

GUNNISON, COLO.——Taylor Park Dam — (Govt.)

GUNNISON, Colo.—The Four Companies, Inc., a syndicate composed of the Utah Const. Co., W. A. Bechtel Co., Henry J. Kaiser Co. and Morrison-Knudsen Co., submitted low bid (as previously reported) at $784,742.50 on Schedule 1 (concrete arch dam) and at $798,078.50 on Schedule 2 (earth and rock fill dam) to Bureau of Reclamation, Gunnison, Colo., under Spec. No. 594, for the construction of the Taylor Park Dam, Uncompahgre Project, near Gunnison.

Complete total bids follow:

(A) The Four Companies, Inc (Utah Const. Co., Ogden; W. A. Bechtel Co., San Francisco; Henry J. Kaiser Co., Inc., San Francisco, and Morrison-Knudsen Co., Inc., Salt Lake City) Schedule 1, $784,742.50; Schedule 2, $798,078.50.

(B) J. A. Terteling & Sons, Boise, Idaho; Schedule 1, no bid; Schedule 2, $819,517.50.

(C) Winston Bros. Co., Los Angeles; Schedule 1, $1,061,168; Schedule 2, $928,415.50.

(D) W. S. Broderick, The Hinman Bros. Const. Co., Floyd Shofner, and J. N. Gordon, Denver, Colo.; Schedule 1, $974,682; Schedule 2, $1,020,355.50.

(E) Waterways Const. Co., and Al Johnson Const. Co., Minneapolis, Minn.: Sched. 1, $975,493.50; Sched. 2, no bid.

(F) S. S. Magoffin Co., Inc., Adrian, Ore.: Schedule 1, no bid; Schedule 2, $993,557.25.

(G) L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., Los Angeles: Schedule 1, $1,081,045; Schedule 2, $1,153,180.75.

(H) Bates & Rogers Const. Co., Chicago: Schedule 1, no bid; Schedule 2, $1,364,363.85.

Unit items follow:

SCHEDULE NO. 1

(Construction of Concrete Arch Dam)

(1) Diversion and care of river during construction, complete;
(2) 8000 c.y. excav., stripping sand and gravel deposits;
(3) 70,000 c.y. excavation, common, for foundation of dam;
(4) 30,000 c.y. excav., rock, do;
(5) 1000 c.y. backfill about dam;
(6) 30 c.y. excav., common, for road structures;
(7) 5 c.y. excav., rock, do;
(8) 16,000 c.y. excav., common, for roads;
(9) 14,000 c.y. excav., rock, do;
(10) 200 l.f. laying 15-in. corrugated metal pipe;
(11) 50 c.y. rubble masonry;
(12) 30 sq. yds. dry rock paving;
(13) 680 c.y. gravel surf. on roads;
(14) 100 l.f. construct timber guard rail;
(15) 2000 l.f. drilling grout holes not more than 25 ft. deep;
(16) 5000 l.f. do more than 25 and less than 50 ft. deep;
(17) 10,000 l.f. do, more than 50 ft. and less than 125 ft. deep;
(18) 13,000 c.f. pressure grouting the foundations;
(19) 2000 l.f. drilling drainage holes not more than 30 ft. deep;
(20) 7500 l.f. mfg. and placing porous concrete drain tile;
(21) 100,000 c.y. concrete in dam;
(22) 100 c.y. concrete in parapets;
(23) 80 c.y. concrete in trash rack structure;
(24) 410 c.y. concrete in valve house;
(25) 700 c.y. special finishing of concrete surfaces;
(26) 65,000 lbs. placing reinf. bars & rails;
(27) 29,000 lbs. installing contraction joint pipe and fittings;
(28) 9400 l.f. install metal sealing strips in contraction joints;
(29) 50,000 lbs. installing trash rack metal work;
(30) 210,000 lbs. installing ring follower gates and conduit linings;
(31) 1200 lbs. installing control apparatus for ring follower gates;
(32) 75,000 lbs. installing internal differential needle valves;
(33) 71,000 lbs. installing metal tubing and standard pipe fittings, etc.;
(34) 15,000 lbs. installing crane and crane rails;
(35) Installing metal panels, doors, etc., lump sum;
(36) 19,000 lbs. installing, miscellaneous metal work;
(37) 5000 l.f. installing resistance thermometers, etc.;
(38) 1000 l.f. installing electric conduits, etc.;

SCHEDULE NO. 2

(Construction of Earth and Rock Fill Dam)

(39) Diversion and care of river, lump sum;
(40) 350 c.y. excav., stripping sand and gravel deposits;
(41) 110,350 c.y. excav., stripping for embankment;
(42) 32,550 c.y. do for borrow pits;
(43) 15,100 c.y. excav., common, for tunnel intake and outlet;
(44) 4300 c.y. do, rock for do;
(45) 7100 c.y. excav., all classes, in tunnel;
(46) 20,000 c.y. excav., common, for spillway;
(47) 61,400 do, rock for do;
(48) 3750 c.y. excav., common, for embankment toe drains, etc.;
(49) 30 c.y. excav., rock for do;
(50) 600 c.y. excav., rock for cutoff wall footings;
(51) 300 c.y. excavation, common, in stopes for fault cutoffs;
(52) 50 c.y. excav., rock, in stopes for fault cutoffs;
(53) 875,000 c.y. excav., common, in borrow pits, etc;
(54) 2000 c.y. excav., rock in do;
(55) 550 c.y. backfill about struc.;
(56) 10 c.y. excav., common, for road structures;
(57) 10 c.y. excav., rock for do;
(58) 12,400 c.y. excav., common, for roads;
(59) 23,000 c.y. do, rock, for do;
(60) 130 l.f. laying 15-in. corrugated metal pipe;
(61) 770 c.y. rubble masonry;
(62) 30 c.y. dry rock paving;
(63) 700 c.y. gravel surf. on roads;
(64) 760 l.f. construct timber guard rail;
(65) 833,000 c.y. brackfill in dam embankment;
(66) 129,500 cu. yds. backfill on downstream slope of dam embankment;
(67) 26,000 c.y. riprap on upstream slope of dam embankment;
(68) 250 l.f. construct 24-in. sewer pipe drains;
(69) 2100 l.f. construct 15-in. do;
(70) 325 l.f. construct 12-in. do;
(71) 1050 l.f. construct 8-in. do;
(72) 4400 l.f. construct 4-in. do;
(73) 35 l.f. construct 4-in. cast iron pipe drains;
(74) 3350 l.f. drilling grout holes not more than 25 ft. deep;
(75) 6400 l.f. do, more than 25 and less than 50 ft. deep;
(76) 8700 lbs. installing grout pipe and fittings;
(77) 6500 c.f. pressure grouting;
(78) 170 c.y. porous concrete;
(79) 300 l.f. drilling weep holes in tunnel;
(80) 300 l.f. weep holes, except in tunnel;
(81) 9500 l.f. drilling holes for anchor bars, etc.;
(82) 1200 c.y. concrete in cutoff walls
(83) 300 c.y. concrete in fault cutoffs
(84) 100 c.y. concrete in trash rack and transition;
(85) 2030 c.y. concrete in tunnel;

(Continued on Next Page)

(86) 430 c.y. do in gate chamber;
(87) 400 c.y. do in needle valve structure, etc.;
(88) 4300 c.y. do in spillway;
(89) 250 c.y. do in parapet and curb walls;
(90) 25 c.y. do in toe drain well, etc.
(91) 437,00 lbs. placing reinf. bars;
(92) 37,300 lbs. furnish and install steel tunnel liner plates;
(93) Construct needle valve house, except concrete, lump sum;
(94) 40 c.y. rubble concrete paving;
(95) 23,000 lbs. install trash rack metal work;
(96) 189,000 lbs. install slide gates & conduit linings;
(97) 8800 lbs. install control apparatus;
(98) 332,000 lbs. install outlet pipes;
(99) 118,800 lbs. install balanced needle valves;
(100) 21,100 lbs. install metal walkway and stairways;
(101) 2950 lbs. install pipe handrailing
(102) 37,800 lbs. install structural steel in spillway bridge;
(103) 9050 lbs. install misc. metal work
(104) 1500 l.f. install electrical metal conduit;
(105) Install electrical conductors and apparatus, complete.

Unit prices follow:

SCHEDULE NO. 1

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$25,000.00	$	$11,000.00	$10,000.00	$33,833.00	$	$5,500.00	$
(2)	.20		.40	.25	.25		.20	
(3)	.50		.73	.59	1.10		1.25	
(4)	2.00		2.40	3.45	3.00		1.25	
(5)	.40		.55	.62	.30		.50	
(6)	1.00		1.20	1.50	3.00		2.00	
(7)	3.00		3.80	2.00	10.00		3.00	
(8)	.30		.68	.50	.80		1.25	
(9)	.90		1.25	1.00	1.75		1.25	
(10)	.40		.60	.75	.32		.25	
(11)	10.00		15.00	10.00	14.00		10.00	
(12)	2.00		2.00	6.00	.83		5.00	
(13)	1.00		.95	1.75	1.25		2.00	
(14)	.90		.35	1.00	.31		1.00	
(15)	1.00		1.00	1.00	1.50		.40	
(16)	1.50		1.90	2.00	2.50		1.75	
(17)	2.50		1.90	3.00	2.75		2.50	
(18)	1.25		1.00	1.10	1.28		1.00	
(19)	1.50		2.75	3.00	1.50		2.50	
(20)	.50		.38	.50	.17		.40	
(21)	5.50		8.11	6.91	6.48		7.75	
(22)	20.00		19.00	24.60	13.17		35.00	
(23)	25.00		19.00	18.60	13.75		30.00	
(24)	22.50		16.00	18.00	8.35		25.00	
(25)	.75		.58	1.00	.55		.75	
(26)	.02		.02	.025	.014		.02	
(27)	.10		.11	.06	.065		.04	
(28)	.25		.35	.25	.16		.35	
(29)	.025		.02	.03	.015		.02	
(30)	.02		.02	.03	.015		.015	
(31)	.10		.13	.12	.115		.05	
(32)	.025		.02	.04	.02		.015	
(33)	.08		.04	.05	.054		.05	
(34)	.02		.02	.04	.015		.02	
(35)	200.00		260.00	200.00	69.00		100.00	
(36)	.10		.06	.10	.025		.05	
(37)	.0725		.12	.20	.11		.06	
(38)	.20		.26	.10	.12		.20	

SCHEDULE NO. 2

(39)	5,000.00	3,000.00	9,500.00	5,000.00		1,500.00	5,500.00	19,655.00
(40)	.30	.50	.20	.40		.50	.50	.48
(41)	.35	.50	.34	.59		.65	.75	.71
(42)	.15	.30	.20	.25		.50	.60	.41
(43)	.40	.40	.35	1.00		1.00	1.00	.55
(44)	1.50	1.10	1.00	1.50		2.00	2.00	1.07
(45)	9.00	8.00	16.50	10.00		16.00	11.00	11.80
(46)	.40	.40	.25	1.00		.60	1.00	.72
(47)	1.50	1.00	1.10	1.25		1.25	2.25	1.30
(48)	.60	.60	.35	1.00		.60	.50	1.30
(49)	5.00	2.00	1.25	8.00		5.00	8.00	10.00
(50)	7.00	10.00	4.10	20.00		8.00	8.00	10.00
(51)	6.00	1.50	3.75	10.00		4.00	5.00	6.55
(52)	10.00	10.00	6.50	15.00		10.00	15.00	13.10
(53)	.26	.30	.30	.35		.31	.42	.464
(54)	1.00	1.00	.80	1.00		1.00	2.00	1.25
(55)	.50	.50	.50	.90		.50	1.00	1.56
(56)	1.00	.75	1.25	1.50		1.00	2.00	1.95
(57)	3.00	1.50	2.25	2.00		4.00	3.00	3.30
(58)	.30	.35	.30	.50		.40	1.25	.60
(59)	.90	.90	.80	1.00		1.10	1.25	1.25
(60)	.30	.75	.55	.75		.50	.25	.60
(61)	8.00	8.00	11.00	10.00		10.00	10.00	12.00
(62)	2.00	1.50	2.00	6.00		2.00	5.00	1.50
(63)	1.00	.75	1.25	1.75		1.00	2.00	2.00
(64)	.50	.60	.35	1.00		.50	1.00	.25
(65)	.09	.10	.13	.12		.09	.09	.257
(66)	.25	.20	.25	.30		.40	.50	.85
(67)	.50	.30	.35	.60		1.00	.50	1.50
(68)	1.20	1.50	1.65	2.50		1.50	2.00	1.25
(69)	1.50	1.25	.95	2.75		1.00	1.50	2.25
(70)	.70	1.00	.50	2.00		.75	1.25	1.25
(71)	.60	.75	.30	1.00		.60	.50	.65
(72)	.75	.50	.50	.60		1.00	.40	1.00

(Continued on Next Page)

BIDS OPENED

INYO COUNTY, Cal.—Tiffany Construction Co., 535 N. 7th St., San Jose, at $14,203.50 submitted low bid to the State Highway Commission, Sacramento, for about 0.7 mile grading, surfacing with selected material and a bituminous treatment applied, in Inyo County, between ¾ mile south of the northerly boundary and the northerly boundary. Bids were taken as follows:

(1) 5 acres clearing and grubbing right-of-way;
(3) 6,000 sta. yds. overhaul.
(4) 2,300 c.y. imported borrow;
(5) 1,550 c.y. selected surfacing material;
(6) 200 c.y. ditch excavation;
(7) 500 c.y. structure excavation;
(8) 10 c.y. Class A Portland cement concrete (structures);
(9) 500 lbs. bar reinf. steel (structures);
(10) 21 tons fuel oil (SC-2 prime coat)
(11) 90 tons fuel oil (SC-3 bituminous treatment);
(12) 0.74 mile mixing bituminous binder and selected surfacing material;
(13) 30 c.y. screenings (seal coat).
(14) 284 l.f. 8-in. perf. metal pipe underdrains;
(15) 186 l.f. 12-in. do;
(16) 292 l.f. 24-in. CMP;
(17) 64 l.f. 66-in. CMP;
(18) 174 l.f. salvaging existing CMP culverts;
(19) 26 l.f. CMP, clean and relay;
(20) 8 each headwalls removed and disposed of;
(21) 300 l.f. removing and disposing of rock wall;
(22) 1 only removing and disposing of concrete ridge;
(23) 175 M. gallons of water;
(24) 0.24 mile new property fence;
(25) 0.27 mile moving and resetting property fences;
(26) 0.65 mile removing and disposing of property fences;
(27) 1 only fence gate;
(28) 14 each timber guide posts;
(29) 23 each moving and resetting do;
(30) 4 each culvert markers;
(31) 39 stations finishing roadway;
(32) 16 each monuments complete, in place.

Total bids follow:

(A) Tiffany Constr. Co., San Jose, $14,203.50.
(B) Gogo & Rados, Los Angeles, $14,430.

	(A)	(B)
(1)	$ 20.00	$ 75.00
(2)	1.00	.70
(3)	.02	.02
(4)	.50	.50
(5)	.60	.80
(6)	2.00	1.00
(7)	1.50	1.50
(8)	25.00	30.00
(9)	.08	.06
(10)	18.00	16.00
(11)	23.00	18.00
(12)	700.00	700.00
(13)	4.00	4.00
(14)	1.50	1.55
(15)	2.25	2.00
(16)	4.00	4.00
(17)	13.00	18.00
(18)	.50	.80
(19)	1.00	.80
(20)	10.00	15.00
(21)	.25	1.50
(22)	200.00	500.00
(23)	1.50	1.50
(24)	500.00	500.00
(25)	300.00	400.00
(26)	100.00	200.00
(27)	25.00	20.00
(28)	3.00	3.50
(29)	1.50	1.00
(30)	3.00	2.00
(31)	6.00	10.00
(32)	4.00	3.00

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(73)	1.00	.50	.60	2.00	.....	1.00	1.00	1.00
(74)	.75	1.00	1.00	1.00	.....	1.00	.40	1.25
(75)	1.50	2.00	1.90	2.00	.....	1.50	1.75	1.50
(76)	.10	.15	.10	.15	.....	.20	.05	.12
(77)	1.25	1.00	1.00	1.10	.....	1.00	1.00	2.25
(78)	8.00	10.00	7.70	11.00	.....	8.00	11.00	8.00
(79)	1.00	1.00	1.00	1.00	.....	1.00	.60	1.00
(80)	1.00	1.00	1.00	1.00	.....	1.00	.60	1.00
(81)	.90	.50	.55	1.00	.....	1.00	.75	.50
(82)	11.50	11.00	18.00	15.00	.....	14.60	16.00	15.45
(83)	8.00	11.00	12.50	12.00	.....	8.20	9.00	11.25
(84)	18.00	12.50	20.00	18.00	.....	20.00	27.50	15.60
(85)	13.00	11.00	20.00	16.00	.....	13.60	16.00	16.95
(86)	15.00	15.00	21.00	19.00	.....	15.00	25.00	16.00
(87)	21.00	20.00	21.00	18.00	.....	27.50	25.00	19.35
(88)	11.00	14.00	15.00	16.00	.....	12.35	11.00	12.40
(89)	10.00	10.00	25.00	17.00	.....	16.00	16.00	22.35
(90)	20.00	20.00	25.00	50.00	.....	27.50	22.00	28.00
(91)	.0175	.015	.0175	.02	.....	.02	.02	.02
(92)	.08	.10	.10	.10	.....	.08	.08	.09
(93)	600.00	600.00	500.00	1,000.00	.....	600.00	750.00	875.00
(94)	8.00	5.00	4.35	10.00	.....	8.00	5.00	12.00
(95)	.025	.02	.015	.03	.....	.03	.02	.026
(96)	.025	.03	.0275	.03	.....	.03	.03	.04
(97)	.07	.05	.05	.10	.....	.06	.05	.20
(98)	.025	.03	.02	.02	.....	.025	.02	.04
(99)	.025	.04	.04	.04	.....	.05	.02	.063
(100)	.07	.03	.04	.05	.....	.07	.05	.026
(101)	.10	.05	.10	.10	.....	.07	.10	.10
(102)	.025	.03	.015	.04	.....	.025	.02	.022
(103)	.10	.10	.04	.10	.....	.10	.07	.12
(104)	.20	.20	.25	.25	.....	.20	.20	.55
(105)	700.00	500.00	500.00	1,000.00	.....	550.00	750.00	1,910.00

COCONINO COUNTY, ARIZ. — 5 Mi. Grading — (State)

COCONINO COUNTY, Ariz.—Hodgman & MacVicar, 714 Plymouth Road, Pasadena, Calif., as previously reported, submitted the low bid to the Arizona State Highway Commission, Phoenix, Feb. 20, at $35,004.33, for highway construction on the Flagstaff-Fredonia Highway NRH 95-J, AFE 8956. The work, which is to begin approximately 38⅔ miles north of Flagstaff, and extend northerly about five miles, consists of the grading and draining and the placing of select material and aggregate base course. The items and approximate quantities are:

(1) 15,535 c.y. rdwy. excav., unclass.
(2) 1367 c.y. drainage do;
(3) 100 c.y. slides and overbreakage;
(4) 408 c.y. struc. excav., unclass.;
(5) 23,484 c.y. borow do;
(6) 9014 sta. yds. earthwork overhaul;
(7) 462 cy. mi. earthwork haul;
(8) 1453 c.y. imported borrow;
(9) 10,416 c.y. select material;
(10) 12,985 cy. mi. select material. haul
(11) 15,275 c.y. aggregate base course CIP;
(12) 270 c.y. Class A concrete, including cement;
(13) 18,959 lbs. reinf. steel bars, CIP;
(14) 46 l.f. 18-in. CMP (CIP, including bands);
(15) 198 l.f. 24-in. do;
(16) 154 l.f. 30-in. do;
(17) 18 .y. plain riprap (CIP);
(18) 52,327 l.f. special line fence (CIP)
(19) 9050 c.y. grader ditches;
(20) 29 each right of way markers (CIP);
(21) 34 each guide posts;
(22) 1 each standard line fence gates;
(23) 300 c.y. stockpiled aggregate base course.

The total bids were:

(A) Hodgman & MacVicar, Pasadena, Cal., $35,004.33.
(B) R. C. Tanner-W. E. Hall Co., Phoenix, $42,247.65.
(C) K. De Witt, Mesa, Ariz., $42,395.98.
(D) Skousen Bros., Albuquerque, N. M., $47,185.78.
(E) Lee Moor Contr. Co., El Paso, Texas, $48,480.12.
(F) All-Arizona Engr. & Const. Co., Clifton, Ariz., $53,054.29.
(G) Pearson & Dickerson, Contractors Inc., Prescott, Ariz., $59,010.62.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .42	$ .70	$ .52	$ .75	$ .615	$ .80	$ .80
(2)	.20	.30	.40	.75	.30	.80	.80
(3)	.315	.525	.39	.5625	.46125	.60	.60
(4)	1.00	1.25	1.25	2.00	1.00	1.50	2.20
(5)	.20	.25	.24	.25	.325	.27	.32
(6)	.03	.04	.04	.03	.025	.04	.03
(7)	.30	.33	.30	.50	.25	.60	.44
(8)	.15	.40	.55	.50	.72	.50	.88
(9)	.15	.17	.25	.20	.175	.25	.20
(10)	.10	.10	.12	.20	.18	.20	.22
(11)	.50	.55	.69	.55	.83	.80	.88
(12)	21.00	21.00	19.00	24.00	21.00	23.00	29.00
(13)	.06	.06	.06	.06	.055	.07	.07
(14)	2.40	2.00	2.10	3.00	1.95	2.50	2.20
(15)	3.00	2.90	3.10	4.00	3.00	3.20	3.00
(16)	4.00	3.25	3.50	5.00	3.75	4.00	4.40
(17)	2.00	2.00	2.50	4.00	2.50	4.00	6.00
(18)	.06	.06	.06	.06	.065	.076	.095
(19)	.04	.05	.06	.05	.04	.05	.075
(20)	2.00	2.50	2.00	5.00	3.00	2.00	3.00
(21)	1.50	2.50	2.00	5.00	2.00	2.00	2.20
(22)	20.00	25.00	5.00	10.00	15.00	18.00	10.00
(23)	.50	.60	.70	.50	.84	.80	.90

PLANS APPROVED.

STOCKTON, San Joaquin Co., Cal.—State Division of Highways has approved plans and specifications for construction of pedestrian subway under Wilson Way at Jefferson School. Construction will be by SERA labor under supervision of City Engineer Lyle Payton. Work financed in part by gasoline tax fund. Estimated cost $19,254.

PROJECT APPROVED.

KERN COUNTY, Calif.—SERA has approved appropriation of $17,280 for the construction of shoulders, drain ditches and rubble walls, on various roads in the Fourth district in Kern County. H. D. Pope will supervise the project, which will give employment to 40 laborers.

BOND ELECTION

VALLEJO, Solano Co., Calif.—City Council will submit a proposal to issue $300,000 in bonds for paving streets and constructing storm sewers at the municipal election April 2.

BIDS WANTED

TEHAMA COUNTY, Cal. — Until March 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about one mile grading and surfacing with bituminous treated crushed gravel or stone, road mixed, placed on creek run gravel base, in Tehama County at the south entrance to the City of Red Bluff. The work involves:

(1) 10,500 cu. yds. rdwy. excavation (unclass.);
(2) 87,700 station yds. overhaul;
(3) 3600 cu. yds. imported borrow;
(4) 90 cu. yds. structure excav.;
(5) 1270 cu. yds. creek run gravel base;
(6) 13 tons liquid asphalt SC-2 prime coat;
(7) 1700 sq. yds. paint binder;
(8) 1550 cu. yds. crushed gravel or stone (bituminous treated surfacing);
(9) 109 tons liquid asphalt ROMC-3, 4 or 5 (bituminous treated surfacing);
(10) 9 tons liquid asphalt ROMC-3, 4 or 5 (seal coat);
(11) 1 cu. yd. Class A Portland cement concrete (structures);
(12) 25 lbs. bar reinf. steel (structs.);
(13) 84 lin. ft. 12-in. CMP;
(14) 182 lin. ft. 18-in. CMP;
(15) 57 lin. ft. removing and salvaging existing culverts;
(16) 2 each headwalls moved and reset;
(17) 465 cu. yds. removed from existing pavement and disposed of;
(18) 190 M. gals. water;
(19) 8 each culvert markers;
(20) 54 stations finishing rdwy.;
(21) 19 each monuments complete in place.

Plans and specifications obtainable from above office, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

CONTRACT AWARDED.

SAN BERNARDINO COUNTY, Cal.—Bennett & Taylor, 1041 W. Venice Blvd., Los Angeles, awarded contract by the Metropolitan Water District, 306 W 3rd St., Los Angeles, Feb. 25, at $79,476 for constructing approximately 16.2 miles of patrol road, and approximately 1.4 miles of stub roads adjacent thereto along the proposed route of the 230-kv transmission line for the Colorado River Aqueduct, under Spec. No. 91. The proposed roads are located in San Bernardino County near Division No. 1 Headquarters, and from what is known as the Whipple Mountain Patrol Road.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until March 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing 0.3 mile riprap slope protection in Sacramento County bet. Rio Vista Bridge and Freeport. The work involves:

(1) 1 lot clearing and grubbing;
(2) 3500 cu. yds. local borrow;
(3) 8500 tons riprap, based on weight of 150 lbs. per solid dry cu. ft.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED

COCONINO COUNTY, Ariz.—Following bids received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for furnishing:

(1) 300 tons liquid asphaltic road material, Type SC-2.
(2) 1100 tons liquid asphaltic road material, Type M.C-4 and/or Type M.C.-5.

The materials are for use on Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Ariz.

Complete bids follow:

(1) 4.421, total $1326.30; (2) $10, total $11,000: Petroleum Corp., f.o.b. Los Angeles.
(1) $4.70, total $1410: (2) $12.50, total $13,750; Union Oil Co., Richfield Oil Co., Shell Oil Co., Gilmore Oil Co., all f.o.b. Bakersfied, and the Standard Oil Co., f.o.b. Seguro or Bakersfield.

Bids held under advisement.

CONTRACT AWARDED.

INYO COUNTY, Cal.—Tiffany Construction Co., 535 N. 7th St., San Jose at $13,911.50 awarded contract by the State Highway Commission, Sacramento, for about 0.9 mile grading and surfacing with salvaged surfacing material, and a bituminous treatment applied, in Inyo County, between 1.8 and 0.9 mile south of Fish Springs School.

PROJECT APPROVED.

SHASTA COUNTY, Calif. — SERA has approved appropriation of $13,082 for widening and realigning Kennet Rd., East Side, 7 miles northwest of Redding, Shasta County. The project will be supervised by E. F. Long, and will employ 36 laborers.

CONTRACT AWARDED.

WHATCOM COUNTY, Wash.—J. H. Lich, Bellingham, at $19,030 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and retopping existing pavement with asphaltic concrete on about 0.3 of a mile of State Road No. 1, Mill Ave. North Revision in the city of Bellingham, U.S.P.W. Project No. NRM-17-D in Whatcom Co.

Complete bids follow

J. H. Lich, Bellingham	$19,030
J. W. Macy, Bellingham	19,589
Riddle & Riffe, Bellingham	20,072

PROJECT APPROVED.

SANTA BARBARA, Santa Barbara County.—SERA has approved appropriation of $15,760 for the improvement of Cold Spring Road, Santa Barbara, consisting of removal of existing rock wall, setting back 1 to 10 feet to provide for realignment of roadway, etc.

Cecil Lambert will supervise the project which will employ 30 laborers.

LOW BIDDERS

COCONINO County, Ariz.—Hodgman & MacVicar, 714 Plymouth Rd., Pasadena submitted low bid to the Arizona State Highway Commission, Phoenix, Feb. 20 at $35,004, for highway construction on the Flagstaff-Fredonia Highway, NRH 95-J, A.F.E. 8856. The work, which is to begin approximately 38 2-3 miles north of Flagstaff, and extend northerly about 5 miles, consists of the grading, and draining and placing of select material and aggregate base course.

Tanner & Hull, Phoenix, Ariz., submitted the next low bid at $42,248.

Complete bids will be published shortly.

NOTICE TO BIDDERS.

VENTURA COUNTY, Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in Ventura County, between Camarillo State Hospital Buildings and Lewis Road, road VII-Ven - Camarillo State Hospital, for which bids are to be received in Los Angeles on March 14, 1935

Said representative will meet prospective bidders at Camarillo State Hospital on Wednesday, March 6, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

Gila & Navajo Counties, Ariz.—4.5 Mi. Grade & Drain (State)

GILA AND NAVAJO COUNTIES, Arizona—Lee Moor Contracting Co., 807 Bassett Tower Bldg., El Paso, Texas, as previously reported, submitted the low bid to Arizona State Highway Commission, Phoenix, Feb. 20, at $185,075.28, for highway construction on the Globe-Showlow Highway, NRH 99-1 (1935) A.F.E. 6054. The work(which is to begin about 56½ miles northwest of Globe and extend northeasterly about 4½ miles, consists of grading and draining. The items and approximate quantities are:

(1) 274,979 cu. yds. rdway. excav. (unclass.);
(2) 2533 cu. yds. drainage excavation (unclass.);
(3) 15,000 cu. yds. slides and overbreakage;
(4) 1965 cu. yds. struct. excavation (unclass.);
(5) 2284 cu. yds. borrow excavation (unclass.);
(6) 70,163 sta. yds. earthwork overhaul;
(7) 3887 cy. mi. earthwork, haul;
(8) 435 cu. yds. Class A concrete (incl. cement);
(9) 45,107 lbs. reinf. steel (bars) (CIP);
(10) 1382 lin. ft. 24-in. CMP (CIP incl. bands);
(11) 224 lin. ft. 24-in. CMP (CIP incl. bands) (12 gauge);
(12) 236 lin. ft. 30-in. CMP (CIP incl. bands) (12 gauge);
(13) 654 lin. ft. 36-in. CMP (CIP incl. bands) (12 gauge);
(14) 160 lin. ft. 36-in. CMP (CIP incl. bands (10 gauge);
(15) 64 lin. ft. 42-in. CMP (CIP incl. bands);
(16) 270 lin. ft. 48-in. CMP (CIP incl. bands) (8 gauge);
(17) 2 each cattle guard (CIP except excav. and cont. reinf. steel and fence);
(18) 10,940 lin. ft. cable road guard (CIP);
(19) 605 lin. ft. standard line fence (CIP);
(20) 20 cu. yds. plain riprap (CIP);
(21) 70 each right-of-way markers (CIP);
(22) 106 each guide posts (CIP);

STRUCTURES OVER 20 FT. CLEAR SPAN

(23) 770 cu. yds. drainage excavation (unclass.);
(24) 797 cu. yds. structural excavation (unclass.);
(25) 795 cu. yds. Class A concrete (incl. cement);
(26) 77,820 lbs. reinf. steel (bars) (CIP);

ALTERNATE—(In Lieu of Item 18)

(18a) 10,940 lin. ft. steel plate road guard (CIP).

Total bids follow:

(A) Lee Moor Contracting Co., El Paso, Texas, $185,075.28. Alternate, $185,075.28.
(B) Hodgman & MacVicar, Pasadena, $211,148.93. Alternate, $211,148.93
(C) Geo. W. Orr, Globe, Ariz., $243,-246.53. Alternate, $243,246.53.
(D) Morrison-Knudsen Co., Los Angeles, $262,234.47. Alternate, $263,328.47.
(E) Vinson, Pringle & Daley, Phoenix, Arizona, $278,867.26. Alternate, $278,867.26.
(F) Pearson & Dickerson Contractors, Inc., and H. J. Hagan, Prescott, Ariz., $296,091.35. Alternate, $296,091.35.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .40	$ .48	$ .60	$ .61	$ .67	$ .75
(2)	.50	.30	.60	1.00	1.00	.63
(3)	.30	.36	.45	.4575	.5025	.5625
(4)	1.25	.90	1.50	1.00	2.00	1.40
(5)	.35	.45	.60	.50	.50	.60
(6)	.025	.03	.015	.015	.02	.03
(7)	.30	.30	.50	.25	.25	.40
(8)	25.00	28.00	24.00	35.00	35.00	29.50
(9)	.05	.06	.055	.07	.0525	.06
(10)	3.00	2.50	3.00	3.00	3.00	3.00
(11)	4.00	3.50	4.00	4.20	3.90	4.00
(12)	3.75	3.20	4.00	4.00	3.75	4.00
(13)	5.50	5.20	5.50	6.20	5.70	6.00
(14)	6.50	6.40	6.50	7.50	7.00	7.50
(15)	6.50	6.10	6.50	7.40	7.25	7.00
(16)	10.50	10.30	10.50	12.00	12.00	12.00
(17)	475.00	450.00	500.00	400.00	500.00	500.00
(18)	.35	.90	.80	.90	.80	.90
(19)	.15	.10	.20	.10	.15	.14
(20)	2.50	2.50	4.00	2.50	3.00	3.00
(21)	2.50	2.00	2.50	3.00	3.00	3.00
(22)	1.50	1.50	1.50	3.00	2.00	2.00
(23)	.50	.30	.60	1.00	1.00	.63
(24)	1.25	.90	1.50	1.00	2.00	1.40
(25)	25.00	28.00	24.00	35.00	35.00	29.50
(26)	.05	.06	.055	.07	.0525	.06
(18A)	.85	.90	.80	1.00	.80	.90

U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

Coast Building Permits Gain 50%

Bay Crossing Pipeline Bids

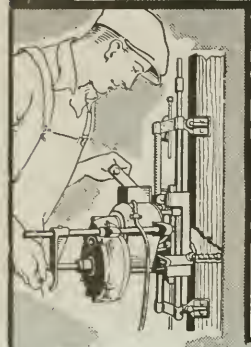
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

RCH 9, 1935

Vol. XVIII—No. 10

WAPPAT Electric TOOLS



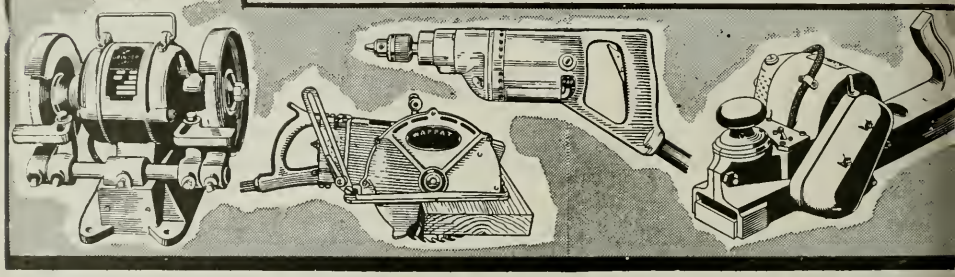
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

AM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

. XVIII SAN FRANCISCO, CALIF, MARCH 9, 1935 No. 10

VO MONTHS PERMITS LEAD YEAR AGO 50%

owing Volume of Work Reflects Success of Better Housing Campaigns

n uptrend in building on the ific Coast which first registered permit figures for January was tinued throughout February, figs received by DAILY PACIFIC ILDER from principal building section departments in 7 west- states disclose. Complete reds will bring the month's total above $8,000,000, compared h $7,429,496 in January and $5,-120 for February, 1934.

he total for the first two months 1935 will be approximately $16,-000, compared with slightly less n $10,000,000 for the same group reporting communities in the two months of 1934.

lthough the last month's totals influenced by the $1,500,000 rd reported in Oakland for the meda county court house the ns over last year's figures are eral throughout the list of cit- San Francisco, Los Angeles, tland, Seattle, Salt Lake City, g Beach, Fresno, Berkeley and erly Hills, among the cities orarily reporting substantial build- activity all show increased exditures compared with February 4.

Many of the smaller communities, ably those where Better Hous- Campaigns have been conduct- recently, also recorded a better nth.

The total building for February eeds that of any month of 1934, cepting October, and it is probe that final figures for the month ll bring it within a hundred thoud dollars of that month's total.

150,000 ALLOTTED BENICIA ARSENAL

Advices from Representative F. Buck to Col. P. J. R. Kiehl, comanding officer at the Benicia arnal, state that $150,000 has been located for building repairs and provements there under the new rmy construtcion program.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

	Permits	Value
1934		
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5523	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858
1935		
January	6413	7,429,496
*February	5727	7,930,295

*Total number of permits will be increased by approximately 500 and value by approximately $500,000 when complete reports are available.

Veterans' Board Plans Sale of Home Loan Bonds

John P. Brennan, chairman of the State Veterans Welfare Board, has called a board meeting to be held in Los Angeles today and tomorrow at which it is expected sale of the first block of veterans home loan bonds will be authorized. It is understood that $3,000,000 worth of securities will be advertised for sale.

Proceeds will be available within ninety days for extending loans to veterans with which to build homes. Many approved applications are awaiting the release of the new bond money, according to Mr. Brennan.

Sale of the bonds has been delayed due to the legal contest instituted to determine chairmanship of the veterans board. A superior court decision was rendered Monday holding Mr. Brennan was entitled to the post.

MATERIAL PRICES SHOW DECLINE SINCE JAN. 1

Quotations Off On Important Items Despite Increased Building

Building materials prices have shown a tendency to decline since the first of the year, despite a sharp increase in building, according to nation-wide surveys made weekly by the U. S. Bureau of Labor Statistics. The building material price index compiled by the Bureau (1926—100.) stood at 84.6 for the second week of February, compared with 84.9 for the month of January; 85.1 in December, and 86.3 in January, 1934.

Prices on this index are now one-tenth of one percent below the low point of 1934.

The decline in building materials price averages is contrary to the trend in other wholesale commodity groups. The Bureau notes that weakening prices of lumber, brick and tile, and plumbing and heating fixtures caused the drop in January. Average prices of paint materials and other building materials, including wall board, window glass and gravel were higher. Cement and structural steel remained unchanged. During the month there were increases in 14 items, decreases in ten and 62 remained unchanged.

Declines in common brick, lumber and certain paint materials caused the further recession in the index in the first half of February.

Following is the index comparison for principal material groups in January 1935 and January 1934:

	Jan., 1935	Jan., 1934
Building materials	84.9	86.3
Brick and tile	91.1	86.6
Cement	93.9	93.9
Lumber	79.9	87.4
Paint and paint mtls.	79.0	78.4
Plumbing and heating	68.0	72.5
Structural steel	92.0	86.8
Other building materials	90.3	89.8

Pacific Bridge Co. Low Bidder On Submarine Section of Bay Pipeline

Pacific Bridge Company yesterday submitted the low bid to San Francisco Public Utilities Commission for construction of the submarine portion of the Bay Crossing Pipeline. The low bid of $698,226 was submitted on the alternative proposal for furnishing steel pipe, jacketed with gunite, and laid on a pile trestle. All bids received excepting one were submitted on this alternate. One bid was offered for laying cast iron pipe. None was received on the third alternate for steel and concrete pipe.

The following bids were received:

Pacific Bridge Co., S. F.	$698,226
Merritt, Chapman & Scott, San Pedro	717,795
Healy-Tibbitts Const. Co., San Francisco	822,177
Geo. Pollock Co., Sacramento	864,550
McDonald & Kahn, S. F.	944,900
Case Const. Co., Los Angeles	987,324
Alternate B	
Merritt, Chapman & Scott, San Pedro	$928,535

Pacific Bridge Company is headed by Charles F. Swigert, who also is president of Transbay Construction Company. The firm recently completed construction of the south pier of the Golden Gate bridge. Its offices are located at present in Room 1110, Balfour Building, San Francisco.

The Bay Crossing pipeline is one of the Water Department projects financed with PWA funds in part. Contracts have been let to Western Pipe and Steel Company and American Concrete and Steel Pipe Company for other portions of the line. A separate contract has been let to Barrett & Hilp for construction of a timber trestle to carry the pipe across tidelands.

The submarine section will be a double line of 54-inch pipe approximately 2800 feet in length to be laid across San Francisco Bay at Dumbarton Strait. The section is between a point about three and one-half miles west of Newark, Alameda county, and the existing caisson at the easterly end of the San Francisco Water Department steel bridge, approximately seven miles east of Redwood City, San Mateo county. The contract includes also laying a single line of 54-inch pipe approximately 435 feet long across Newark Slough, about 2 miles west of Newark.

NEVADA PLANS STATE BUILDING

A bond issue of $90,000 for a new state library and supreme court building in Carson City is authorized in a bill approved by the Nevada state senate. A government grant of $37,500 would be sought in addition to the bond money.

A bill is before the legislature also for a $30,000 state highway laboratory building, of which $21,000 would be from state bonds and $9,000 from the federal government.

OPEN BIDS ON $86,000 CITY SCHOOL MAR. 13

Advertise Contracts For Two-Story Patrick Henry Building

Bids for construction of an eight-classroom unit at the Patrick Henry School to cost approximately $86,400 will be opened by the San Francisco Department of Public Works Wednesday, March 13.

Proposals will be received for the job complete, or for general work estimated to cost $72,000, mechanical work and plumbing to cost about $10,400, and electrical work estimated at $4,000. The contracts were officially advertised for bids yesterday.

The building will be a two-story reinforced concrete unit containing eight classrooms and will have composition roofing, concrete, linoleum and terrazzo floors, and a steam heating system.

The unit to be built at this time is the first of a group of several buildings proposed for the school. When completed it will be used in conjunction with the existing frame buildings until the remaining new units are built.

Plans for the building were prepared by Architects W. D. Peugh and Gardner A. Dailey. Walter Huber is structural engineer and Leland and Haley are mechanical engineers for the project.

Plans and specifications for the various portions of the work are obtainable at the office of City Architect C. H. Sawyer.

BITUMINOUS CODE LEVY PROTESTED

Inclusion of highway contractors in assessments of the code of Bituminous Road Materials industry was protested by the Associated General Contractor at a hearing conducted by NRA. The A.G.C. representative contended that highway contractors were not represented an an industry in the formulation of this code, and had not consented to it. From the records of the National Bituminous Road Material Distributing Associates, sponsors of the code, it was shown that their credentials committee claimed only 110 members.

MONSON BROS. LOW BIDDER ON GYMNASIU

Close Figuring Features Co. petition For Healdsburg Contract

HEALDSBURG, March 7.—M son Bros., 475 Sixth St., San Fr cisco, tonight submitted the l bid to the Healdsburg School I trict for construction of a gym sium addition to the high sch The bid was $72,400.

Among the six bids receiv there was a range of only twen five hundred dollars. The contr was being refigured, after the boa had rejected previous bids.

Following are the complete tals:

Monson Brothers, S. F.	$72,4
John Hachman, Stockton	72,8
Carl N. Swenson, San Jose	73,4
F. H. Betz, Sacramento	73,7
N. H. Sjoberg & Son, S. F.	73,9
H. E. Vickroy, Stockton	74,8

George Petersen, San Leandr submitted a low bid of $63,265 wh bids were received previously. Su sequently he asked permission withdraw the figure because of error of $10,000 in computing h total and refused to sign a contra when the school directors refus to permit iwthdrawal. Mr. Peters has instituted suit in the Sonom county courts to enjoin the distri from forfeiting his bidder's che of $3850.

The contract is for constructi of a one- and two-story wing ad tion to the school to house t gymnasium. The building will b of steel frame with reinforced co crete walls. It is designed by Arc itect John I. Easterly of Heald burg.

Structural Steel Shipments Increase; Bookings Off 34%

Shipments of fabricated structu al steel in January were 56 per cen larger in volume than for the sam month last year, although booking showed a decline of 34 per cent fo the same period. This estimate i based upon reports received by th American Institute of Steel Co struction from 80 per cent of th industry.

The shipments last month wer comparable with the averag monthly shipments during 1934, bu the bookings recorded a decreas of 41 per cent from the average fo the first half, and were approx mately 23 per cent less than fo the last half of 1934. The tonnag available for fabrication is 23 pe cent less than the 1934 last qua ter average.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
5	Scalabrino	Army	$1000
0	Sutkamp		6000
1	Casperson	Owner	7000
2	Moses	Owner	1000
3	Hoeffler	Owner	1600
4	Dall	Lindsay	3000
5	D'Amico	Owner	8000
6	Kane	Mullen	2800
7	Sutro	Marshall	51000
8	Munro	Owner	1000
9	O'Brien	Owner	4500
0	Nelson	Owner	3750
1	Mohr	Owner	3000
2	Mohr	Owner	3000
3	Mohr	Owner	3000
4	Dable	Owner	1700
5	Cline	McGilles	6000
6	Clausen	Woodcraft	10000
7	Zett	Hjul	4000

ALTERATIONS
(170) NO. 105 TAYLOR ST. Alter restaurant.
Owner—Bob Scalabrino and A. Steffanino, Premises.
Architect—Not Given.
Contractor — Army St. Carpenter & Cabinet Shop, 3155 Army St., San Francisco. $1000

APARTMENTS
(171) S SANTIAGO 32 E 14th Ave.; 2-story and basement frame apts.
Owner—Miss Anna C. Sutkamp, 2320 Fuston Avenue.
Architect—Fabre and Hildebrand, 110 Sutter Street. $6,000

DWELLING
(172) W SAN RAFAEL 240 S Saint Francis; two-story and basement frame dwelling.
Owner—L. O. Casperson, 355 29th St.
Architect—C. O. Clausen, 746 46th Ave. $7,000

ALTERATIONS
(173) NO. 665 PAGE ST. Alter flats.
Owner—Chas. R. Moses, Premises.
Architect—Not Given. $1000

FLATS
(174) N ALTA 212 E Montgomery. Two-story frame flats.
Owner—S. W. Hoeffler, 225 Filbert St. San Francisco.
Architect—Not Given. $1600

DWELLING
(175) N VIRGINIA ST. 27 W Coleridge St. One-story and basement frame dwelling.
Owner—Dall-Cuthbert Realty Co., 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St. $3000

FLATS
(176) N JEFFERSON ST. 106 W Divisadero St. Two-story frame flats
Owner—Tony D'Amico, 2345 Polk St., San Francisco.
Architect—Not Given. $8000

ALTERATIONS
(177) NO. 32 THIRD ST. Alter restaurant.
Owner—T. J. Kane, 34 Third St., San Francisco.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St. $2800

DWELLING
(178) NE JACKSON AND SPRUCE Sts. Three-story frame dwelling.
Owner — J. A. Sutro, Standard Oil Bldg., San Francisco.
Architect—W. W. Wurster, 260 California St., San Francisco.
Engineer—A. V. Saph, Rialto Bldg., San Francisco.
Contractor—F. S. Marshall, 799 Ashbury St., S. F. $51,000

ALTERATIONS
(179) NO. 2428-30-32 MISSION ST. Alter stores.
Owner—Alexander Munro, 2400 Mission St., San Francisco.
Architect—Not Given. $1000

SHOP
(180) N PERRY ST. 155 W Fourth St. Class C machine shop.
Owner—O'Brien Iron Works, 35 Morris St., San Francisco.
Architect—Not Given. $4500

DWELLING
(181) W MELBA ST. 379 S Ocean Ave. One-story and basement frame dwelling.
Owner — Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $3750

DWELLING
(182) W MONETA WAY 474 N Farragut St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(183) W MONETA WAY 448 N Farragut St. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(184) NE BRAZIL 25 SW Excelsior. One-story and basement frame dwelling.
Owner—Rudolph Mohr & Sons, 116 9th St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(185) NO. 2803 GOLDEN GATE AVE. Alter dwelling.
Owner—H. F. Dable, Premises.
Architect—Not Given. $1700

ALTERATIONS
(186) NW OAK AND BRODERICK. Alter dwelling and store.
Owner—N. F. Cline, % Contractor.
Architect—R. R. Irvine, 3841 18th St., San Francisco.
Contractor—Don F. McGillis Co., 527 19th Ave., S. F. $6000

DWELLING
(187) E SAN RAFAEL 195 S St. Francis. Two-story and basement frame dwelling.
Owner—H. C. Clausen, % Contractor.
Architect — Williams & Grimes, 251 Post St., San Francisco.
Contractor—The Woodcraft Mfg. Co., 45 Hallam St., S. F. $10,000

ALTERATIONS
(188) NO. 938 HOWARD ST. Alter offices.
Owner—Geo. J. Zett, 223 Leidesdorff St., San Francisco.
Engineer—James H. Hjul, 128 Russ St., San Francisco.
Contractor—James H. Hjul, 128 Russ St., San Francisco. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
112	Voight	Beckett	2000
113	Chickering	Rose	14[illegible]
114	Pacific	Leiter	9870
115	Dooley	Owner	4[illegible]0
116	Mills	Mills	110000
117	Davin	Read	[illegible]
118	Kapperud	Petersen	2500
119	Fox	QRS	1500
120	Parkway	QRS	1000
121	Pressler	Owner	13[illegible]00
122	Scott	Owner	2500
123	Buchanan	Owner	2100
124	Flynn	Van Ness	3590
125	Moen	Owner	3000
126	Associated	Owner	4000
127	Ariss	Owner	1000
128	Scontriano	Anstey	3500
129	Scammell	Owner	4500
130	Taylor	Teigland	1170

ALTERATIONS
(112) NO. 4401 PIEDMONT AVE., **OAKLAND.** Alterations.
Owner—Rud Voight, Premises.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $2000

STATION
(113) GORE BROADWAY TERRACE and Edith Place, **OAKLAND.** One-story brick service station.
Owner — Robert Chickering, Central Bank Bldg., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1400

FACTORY
(114) NO. 3224 WOOD ST., **OAKLAND.** One-story steel factory.
Owner—Pacific Graphite Works, 40th and Chestnut Sts.
Architect—Not Given.
Contractor — E. T. Leiter & Sons, 811 37th St., Oakland. $9870

DWELLING
(115) 3721 VIRDEN AVE., **OAKLAND;** one-story six-room dwelling.
Owner and Contractor—Fred T. Dooley 3736 Vale Ave., Oakland.
Architect—Not Given. $4000

DORMITORY
(116) MILLS College Campus, **OAKLAND;** two-story 60-room dormitory
Owner—Mills College, Seminary and Camden Aves., Oakland.
Architect—W. H. Ratcliff, 310 American Trust Bldg., Oakland.
Contractor—Owner. $110,000

DWELLING & STORE
(117) 9805-07 FOOTHILL Blvd., **OAKLAND;** 2-story dwelling and store.
Owner—Al Davin, 1600 Church Street, Oakland.
Architetct—Not Given.
Contractor—Ernest Read, 4834 Foothill Blvd., Oakland. $3450

ALTERATIONS
(118) 102 TENTH ST., **OAKLAND;** alterations.
Owner—A. H. Kapperud, 139 Woodland Way, Oakland.
Architetct—Not Given.
Contractor—J. B. Petersen & Son, 1921 Aqua Vista Ave., Oakland. $2500

SIGN
(119) 1819 TELEGRAPH AVENUE **OAKLAND;** marquee sign.
Owner—Fox Oakland Theatre, 1819 Telegraph Ave., Oakland.

Architect—Not Given.
Contractor—QRS Neon Corp., 690 Potrero Ave., San Francisco. $1500

SIGN
(120) 1840 PARK BLVD., **OAKLAND**; marquee sign.
Owner—Parkway Theatre, 1840 Park Blvd., Oakland.
Architect—Not Given.
Contractor—QRS Neon Corp., 690 Potrero Ave., San Francisco. $1000

DWELLING
(121) 4137 LYMAN RD., **OAKLAND**; one-story 5-room dwelling.
Owner and Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(122) 600, THIRD ST., **OAKLAND** Alterations.
Owner—W. P. Scott, 4th and Webster Sts., Oakland.
Architect—Not Given. $2500

DWELLING
(123) NO. 5608 MERRIEWOOD DR., **OAKLAND**. One-story four-room dwelling.
Owner—F. J. Buchanan, 5591 Merriewood Drive., Oakland.
Architect—Not Given. $2100

DWELLING
(124) NO. 4260 MONTEREY BLVD., **OAKLAND**. One-story 5-room dwelling.
Owner—J. Flynn, Premises.
Architect—Not Given.
Contractor—Louis E. Van Ness, 4920 Park Blvd., Oakland. $3590

DWELLING
(125) NO. 6117 MAURITANIA AVE., **OAKLAND**. One-story 5-room dwelling.
Owner—Ole Moen, 4201 E-16th St., Oakland.
Architect—Not Given. $3000

STATION
(126) NO. 250 TWELFTH STREET, **OAKLAND**. One-story steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given. $4000

STORE
(127) NO. 3934 BROADWAY, **OAKLAND**. One-story store.
Owner—Ariss-Knapp Co., 961 41st St., Oakland.
Architect—Not Given. $1000

ALTERATIONS
(128) NO. 7101 E-FOURTEENTH ST. **OAKLAND**. Alterations.
Owner—Sam Scontriano, Prem.
Architect—Not Given.
Contractor—T. J. Anstey, 1622 E-12th St., Oakland. $3500

DWELLING
(129) 16 ELSTON COURT, **OAKLAND**. One-story 6-room dwelling.
Owner—J. M. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $4500

ADDITION
(130) NO. 362 CLIFTON ST., **OAKLAND**. Addition.
Owner—James Taylor, Premises.
Architect—Not Given.
Contractor—C. M. Telgland, 4668 Dolores Ave., Oakland. $1170

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
43	Hetty	Malloch	2021
44	Kelly	Batchelor	——
45	Clausen	Woodcraft	11075
46	Wunner	Johnson	4941
47	Same	Morgan	433
48	Sutro	Marshall	48587
49	Malfanti	Sartorio	2048
42	Bloch	Mattock	15245

ALTERATIONS & ADDITIONS
(42) 3712 JACKSON ST.; alterations and additions to residence.
Owner—Mrs. Helen B. Bloch, 3712 Jackson Street.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—A. F. Mattock Co., 212 Clara Street.
Filed March 1, '35. Dated Feb. 28, '35.
Tenth of each month 75%
Usual 35 days 25%
TOTAL COST, $15,245
Plans and Specifications filed.

ALTERATIONS
(43) SE TURK AND FRANKLIN Sts., known at 799 Turk St. All work for wrecking, alterations, additions, etc., to store and basement in building.
Owner—Louise C. Hetty, 1700 10th Ave., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.
Filed Mar. 4, '35. Dated Feb. 1, '35.
Ready for plaster $675
Completion notice filed 675
Usual 35 days 671
TOTAL COST, $2021
Bond, none. Limit, 30 working days. Forfeit, none. Plans only filed.

PAINTING, ETC.
(44) NO. 1607 TWENTY-THIRD Ave. All work for painting, tinting, papering and cleaning and waxing floors.
Owner—Frank W. and Alleia B. Kelly Premises.
Architect—Not Given.
Contractor—G. H. Batchelor & Son, 450 Hayes St., San Francisco.
Filed Mar. 4, '35. Dated Feb. 25, '35.
HOLC contract .....
TOTAL COST, $——
Bond, $322.10. Surety, Hartford Accident & Indemnity Co. Limit, 20 days. Forfeit, plans and specifications, none.

DWELLING
(45) LOT 4 BLK 2, San Rafael Way, St., Francis Wood. All work for two-story frame and stucco dwelling.
Owner—Henry C. Clausen, 333 Montgomery St., San Francisco.
Architect—Williams & Grimes, Albert R. Williams, Architect, 251 Post St., San Francisco.
Contractor—The Woodcraft Mfg. Co. (J. B. Stuer).
Filed Mar. 4, '35. Dated Mar. 4, '35.
1st joists in place $1600.00
Frame up and sheathed 1600.00
Interior and exterior plastering completed 1600.00
All work ready for painting 737.50
Completed and accepted 2768.75
Usual 35 days 2768.75
TOTAL COST, $11,075.00
Bond, none. Limit, July 4, 1935. Forfeit, none. Plans and specifications filed.

DWELLING
(46) SW CHESTNUT AND SCOTT Sts. All work for one-story and basement frame dwelling.
Owner—Carl and Henrietta Wunner, 2321 Chestnut St., San Francisco.
Architect — George H. Wiemeyer, Toledo Way, San Francisco.
Contractor—J. Harold Johnson, Brannan St., San Francisco.
Filed Mar. 4, '35. Dated Mar. 5,
Frame up $123
Exterior and interior rough coat plaster on 123
Completed and accepted 123
Usual 35 days 123
TOTAL COST, $494
Bond, $4941. Surety, Columbia Casualty Co. Limit, 45 working da
Forfeit, none. Plans and specifications filed.

(47) ELECTRICAL WORK above.
Contractor — W. H. Morgan Elect Works, 96 Toledo Way, S. F.
Filed Mar. 4, '35. Dated Mar. 5,
Roughed in and certificate of inspection attached to bldg. $216
Completed and accepted 108
Usual 35 days 108
TOTAL COST, $433
Bond, none. Limit, 45 working da
Forfeit, none. Plans and specifications filed.

DWELLING
(48) NE JACKSON AND SPRUC Sts. All work for three-sto dwelling.
Owner—John A. Sutro, Standard Bldg., San Francisco.
Architect—Not Given.
Contractor — Frank S. Marshall, 7 Ashbury St., San Francisco.
Filed Mar. 6, '35. Dated Mar. 5, '35.
On 10th of each month 75
Usual 35 days 25
TOTAL COST (not over) $48,587.
Bond, none. Limit, 150 working day
Forfeit, none. Plans and specificatio filed.

BUILDING
(49) NO. 820 MISSION ST. Concrete work, brick work, terrazzo stairs, studding, plastering, terra cotta, show windows, painting etc. for five-story concrete building.
Owner—Joseph Melfanti Jr. et al, Architect.
Architect—Carl Geilfuss, 1095 Market St., San Francisco.
Contractor — Peter Sartorio, 244 Greenwich St., San Francisco.
Filed Mar. 6, '35. Dated Feb. 15, '3
Entire terra cotta in place $68
Completed and accepted 68
Usual 35 days 68
TOTAL COST, $204
Bond, $1024. Sureties, G. Bruscher and Angelo Piscia. Limit, 7 workin days. Forfeit, none. Plans an specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

8	Scontriano	Oakland	445
7	Scoville	Enright	15
9	Howard	Gerwick	4231

ALTERATIONS
(7) NO. 330 SAN CARLOS AVE. Piedmont. All work for plumbing alterations.
Owner—M. G. Scoville, Premises.
Architect—Not Given.
Contractor—A. C. Enright, 695 33rd St., Oakland.
Filed Feb. 28, '35. Dated Nov. 16, '34.
TOTAL COST, $150
Bond, $150. Surety, Standard Accident Insurance Co. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(8) SE SEVENTY-FIRST AVE AND E-14th St., Oakland. All work for alterations.

Owner—Sam. Coula S and Elias C. Scontriano, Premises.
Architect—Not Given.
Contractor—Oakland Refg. & Butcher Supply Co., 1622 E-12th Street, Oakland.
Filed Mar. 4, '35. Dated Feb. 25, '35.
Work started $500
Partitions out, plumbing and concrete floor in 500
Upon completion 500
Balance in monthly installments according to note with interest at 7% .....
TOTAL COST, $4450
Bond, none. Limit, April 6, 1935.
Forfeit, none. Plans and specifications filed.

REPAIRS
(9) FIRST AND MARKET STS., Oakland. All work for repairs to west side Howard Terminal, Pier No. 1.
Owner—Howard Terminal, First and Market Sts., Oakland.
Architect—Not Given.
Contractor—Ben C. Gerwick, 112 Market St., San Francisco.
Filed Mar. 5, '35. Dated Feb. 28, '35.
On 10th of each month..... 75%
Completion sum equal to..... 75%
Usual 35 days. .... Balance
TOTAL COST, $12,317
Bond, none. Limit, 124 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

BILLBOARD, $12.50; SE Monterey & Edna Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUE, $11; 524 Bay Shore Blvd.; owner, Buffico, Prem.; contractor, G. C. Walling, 2811 Army St.

ALTER dwelling, $500; 1531 6th Ave. owner, Frank Broadbent, Prem.

SIGN, electric, $200; 102 Leavenworth St.; owner, Nido Italian Dinners, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER restaurant, $25; 280 Sickles Ave.; owner, Francisco Abbaticola, Prem.; contractor, John Trollmann, 49 Liebig.

SIGN, electric, $50; 808 Sutter Street; owner, Sutter Tavern, Premises; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

BILLBOARD, $12.50; E Van Ness Ave 100 N Greenwich St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50; SW Monterey & Detroit Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; SW Church and Jersey Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; N Geary St. 50 E 41st Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; NW Monterey & Edna Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, $75; 154 4th Ave.; owner, Joseph Nannini, 464 Hickory St.

BILLBOARD, $12.50 ; W Arguello Blvd. 25 S Cabrillo St.; owner, Foster & Kleiser Co., 1675 Eddy.

BILLBOARD, $6.25; SW Bay Shore and Faith; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, $800; 385 Moscow St.; owner, Geo. Biocini, 1042 Persia Ave.

ALTER dwelling, $150; 51 Prospect St.; owner, Edward Flynn, Prem. contractor, Henry Erickson, 972 Chenery St.

SIGN, electric, $150; 617 Broadway; owner, Liberty Theatre, Prem.; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.

ALTER restaurant, $200; 511 Jones St.; owner, Fred Palmer, Premises

BILLBOARD, $6.25; E Eighth St. 137 S Howard; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; S Balboa St. 32 W 32nd Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25, N Geary 82 W 33rd Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50; S Bay St. 114 E Taylor St.; owner, Foster and Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; S Broadway 19 E Sansome St.; owner, Foster and Kleiser Co., 1675 Eddy St.

ALTER dwelling, $500; NE 48th Ave. and Irving St.; owner, I. M. Cambridge, 4620 Irving St.

SIGN, electric, $195; 936 Market St.; owner, Howard's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER greasing station, $900; SW 39th Ave. and Irving St.; owner, Associated Oil Co., 79 New Montgomery St.; contractor, Michel & Pfeffer Iron Works, Inc., Harrison and 10th Sts.

FLUES, $50; SW Huron and Moneta Sts.; owner, L. Besio, 252 Edinburgh St.; contractor, W. A. Burlam, 2555 San Bruno Ave.

SIGN, electric, $200; 514 Jones St.; owner, Kalman's, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

SIGN, electric, $20; 1645 California St. owner, Murray Benton, 928 Van Ness Ave.; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.

REPAIR fire damage to flats, $500; 18 Himmelman Place; owner, A. Santuccetti, % Contractor; contractor, Fracchia & Truffelli, 1996 21st Avenue.

SIGN, electric, $100; 474 O'Farrell St. owner, Dixie Inn, Prem.; contractor, Golden Gate Neon, 355 8th.

ALTER planing Mill, $450; 350 Bay St.; owner, Davis Hardwood Co., Premises.

SIGN, electric, $300; 1645 California St.; owner, Murray Benton, Prem. contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER dwelling, $260; 3830 17th St.; owner, L. Ravella, 678 28th St.; contractor, G. B. Delucchi, 4 Sharp Place.

ALTER store, $30; 1898 Green Street; owner, Claus Wreden, Prem.

FENCING, $500; W 45th Ave. 175 S Taraval St.; owner, Ben Salisbury General Delivery, Long Beach.

ALTER store, $375; 726 Market St.; owner, Eagleson Hawkins Co., 67 First St.; owner, J. Behm & Co., 139 Oak St.

ALTER flats, $350; 6 Scotland St.; owner, G. Amarotti, 26 Scotland

FLUE, $25; 676 25th Ave.; owner, Mrs. Rood, Premises; contractor, Epp Sheet Metal Works, 4745 Geary.

ALTER store, $60; 2011 Chestnut St.; owner, Anglo Calif. National Bank 1 Sansome St.; contractor, Bay Cities Contracting Co., 557 Market Street.

FLUES, $46; W Fuuston Ave. 125 S Taraval St.; owner, John Doelger, 320 Judah St.; contractor, Standard Heating Co.; 1241 9th Avenue.

REPAIR fire damages to dwelling, $900; 900 Guerrero St.; owner, I. Cruells, Premises.

ALTER flats, $300; 562A Lombard St. owner, P. Costa, Prem.

ALTER dwelling, $400; 2421 Washington St.; owner, Donlon & Fratessa 66 12th St.; contractor, R. Lind, 54 Stanton St.

SIGN, electric, $250; 562 Haight St.; owner, Midtown Theatre, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALAMEDA COUNTY

ALTERATIONS, $500; 10[illegible] 20th Ave. Oakland, owner, M. Fallgatter Premises.

ALTERATIONS, $150; 869 Paramount Road, Oakland, owner, Edwin F. Hill, Premises

SIGN, metal, $20; 8332 E 14th Street Oakland; owner, Union Oil Co., Premises, contractor, J. J. Gerrain, 3010 Adeline St., Berkeley

SIGN, metal, $15, 5751 Grove Street Oakland, owner, Hardings Fountain Lunch, Premises; contractor Getz Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, metal, $30; 3631 Grove Street, Oakland; owner, The Cow Bell Premises, contractor, Getz Elec Sign Co., 1009 Fruitvale Ave.

SIGNS, metal, $15; 1400 Market St., Oakland; owner, Heathorn Pharmacy, Premises; contractor Getz Electric Sign Co., 1009 Fruitvale Avenue.

SIGN, metal, $15, 1400 Market St Oakland; owner, Heathorn Pharmacy, Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, metal, $5; 4745 E-14th Street, Oakland; owner, Mrs. Jean Baile Premises.

ADDITION, $500; 5521 Harvey Ave., Oakland; owner, A. O. Page, 5521 Harvey Ave.

REPAIRS, $24; 5133 Wentworth Ave., Oakland; owner, F. Allessi, 1120 52nd Avenue.

SIGN, metal, $12; NW 6th Ave. and E-12th St., Oakland; owner, Richfield Oil Co., 13th and Franklin.

SIGN, metal, $20; 7991 E-14th St., Oakland; owner, Union Oil Co., Premises; contractor, J. J. Gerrain, 3013 Adeline St., Berkeley.

SIGN, metal, $30; 5751 Grove Street, Oakland; owner, Hardings Fountain Lunch., Premises; contractor, Gets Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, metal, $30; 3631 Grove Street, Oakland; owner, The Cow Bell, Prem.; contractor, Getz Elec Sign Co., 1009 Fruitvale Ave.

SIGNS, metal, $15; 1400 Market St., Oakland; owner, Heathorn Pharmacy, Prem.; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave

SIGN, metal, $2; 2700 Park Blvd., Oakland; owner, Arbor Villa Pharmacy, Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

ALTERATIONS, $900; 1742 Oregon St. Berkeley; owner, Berkeley Board of Education.

ALTERATIONS, $900; 2876 9th St., Berkeley; owner, Berkeley Board of Education.

ALTERATIONS, $85; 2900 Acton St., Berkeley; owner, Elizabeth R Rowe, Premises; contractor, New Art Roofing Co., 1307 Fruitvale Ave., Oakland.

FIRE repairs, $25; 1373 10th Street, Oakland; owner, D. Flaherty, 1821 Irving St.; contractor, C. V Rogers, 865 60th St.

FLAG pole, $25; 389 9th St., Oakland, owner, Chung Kuo Kuo Ming Tong, Premises.

ADDITION, $40; 387 Capricorn Ave., Oakland; owner, W. A. Sabin, Premises.

ALTERATIONS, $500; 1438 Broadway, Oakland; owner, K. Vaughn, 2235 Telegraph Ave.; contractor, Frank Appelbe, 1067 Walker Ave.

ALTERATIONS and repairs, $50; 1202 23rd Ave., Oakland; owner, Gus Costa, Premises.

SHED, one-story brick, $200, 611 Derby St., Oakland; owner, Mrs P. Krac, Premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Segregated Bids Being Taken.
APARTMENTS Cost, $7000
SAN FRANCISCO. S Santiago 32 E 14th Avenue.
Two - story and basement frame and stucco apartments.
Owner—Miss Anna C. Sutkamp, 2320 Funston Avenue.
Architect—Fabre and Hildebrand, 110 Sutter Street.

Contract Awarded.
ADDITION Cost, $1800
OAKLAND, Alameda Co., Calif. 7th St. and E 24th St.
Frame addition to apartments.
Owner—A. Silverstine.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—George Swanstrom, 1615 78th Ave., Oakland.

Preparing Preliminary Plans.
APARTMENTS Cost, $——
SAUSALITO, Marin Co., Calif.
Three-story frame and stucco apartment building (three four-room apartments).
Owner—Withheld.
Architect—Carl Geilfuss, 1095 Market St., San Francisco.

3— CHURCHES

Plans Being Figured—Bids Close Mar. 15th.
CHURCH Cost, $18,000
BAKERSFIELD, Kern Co., Cal. King and Monterey Streets.
Alterations and additions to church (frame construction, brick walls, whitewashed; shingle roofing, structural steel, cement and oak floors, leaded glass, gas steam radiators, etc.
Owner—Church of Jesus Christ of Latter Day Saints (J. S. Brunting, President).
Architect—Georgius Y. Cannon, Beaux Arts Bldg., Los Angeles.

Plans To Be Revised.
ALTER CHURCH Cost, $30,000
SAN FRANCISCO. 1645-49 Hayes St.
Alterations and additions to church (work involves wood, frame and stucco additions, remodel exterior and interior, installation of acoustic plaster, forced air ventilating and heating system, new plumbing tile work, etc.)
Owner—Latter Day Saints Church (C. W. Nalder, Bishop).
Architect—Pope & Burton, 2102 Buckingham Road, Los Angeles.
Whether or not bids will be asked is indefinite at this time.

4— FACTORIES & WAREHOUSES

Plans Being Prepared.
MFG. PLANT Cost, $10,000
SAN FRANCISCO. Bay St. between Powell and Stockton.
One-story steel and brick manufacturing plant (46x137.6) steel frame, brick walls, corrugated iron roof, steel sash, etc.
Owner—Stuart Oxygen Co., Ltd., 211 Bay Street.
Engineers—Ellison & Russell, Pacific Building.
Bids will be asked in about 1 week.

Plans Being Figured—Bids Close Mar. 11th.
PACKING PLANT Cost, $20,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Bids are being taken from a selected list of contractors.

Contract Awarded.
FACTORY Cost, $10,000
OAKLAND, Alameda Co., Calif. 3224 Wood Street.
One-story steel factory.
Owner—Pacific Graphite Works, 40th and Chestnut Sts., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN FRANCISCO. 206 First Street.
Alterations to factory.
Owner—Withheld.
Engineer—Norman Green, 55 New Montgomery St., San Francisco.
A. F. Mattock, 212 Clara Street, is figuring the plans.

PREPARING PRELIMINARY PLANS
SOUTH GATE, Los Angeles Co., Cal. —Earl Trudeau, 701 Cogswell Rd., El Monte, is preparing preliminary plans for a new factory to be built on the Compton-Jaboneria Road, South Gate, for the Purex Corp., Ltd. Three reinforced concrete buildings will comprise the plant, including an office building, a large warehouse and a manufacturing building. Cost, $50,000.

Planned.
BREWERY Cost, $250,000
SALT LAKE CITY, Utah.
Owner—Reilley Brewing Co., Salt Lake City.
Architetct—Not Given.
Officials of the company are: C. H. Reilley, president; Thornton B. Morris, vice-president; Geo. P. Arnspiger secretary-treasurer; Frank C. McGanney and Glen L. Miller, directors.

CONTRACT AWARDED.
MEXICALI, Mexico.—H. J. Edwards 845 Imperial Ave., Calexico, awarded contract for the erection of a brewery in Mexicali for Cerveseria De Anza; Heraclio Ochoa, general manager. The building will cover an area of 73x106 feet and will be a wood frame structure, with plaster and sheet metal exterior. Most of the equipment, including an ice plant, has been purchased. Wayne D. McAllister, Beaux Arts Bldg., Los Angeles, architect.

Sub-Contracts Awarded.
CANNERY Cost, $40,000
STOCKTON, San Joaquin Co., Calif. Moringside Industrial Area (20 acre site).
Two-story cannery (reinforced concrete construction to first floor, steel and corrugated iron on second floor, wood roof, etc.)
Owner—Pacific Can Co., 290 Division St., San Francisco (E. P. Euphrat in charge).
Engineer—Ellison and Russell, Pacific Bldg., San Francisco.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter St., Stockton.
Sheet Metal—Fraser Furnace Co., 445 S. San Joaquin St., Stockton.
Glass — W. P. Fuller & Co., 218 S. Aurora St., Stockton.
Iron Grille Work — Valley Steel Co., E. Scotts Ave., Stockton.
Lumber — San Joaquin Lumber Co., Scotts Ave. and Madison Street, Stockton.
Reinforcing Steel—F. A. Klinger, 1269 N. Pilgrim Ave., Stockton.
Plastering—Union Planing Mill, Taylor and Sutter Sts., Stockton.
Grading—Robert E. McCarty, 603 E. Worth St., Stockton.
Foundations and Concrete Work—Joe Silver, 1121 Cartion Ave., Stockton.

To Be Done By Day's Work.
SHOP Cost, $5000
SAN FRANCISCO. N Perry St. 155 W Fourth St.
One-story Class C machine shop.
Owner—O'Brien Iron Works, 35 Morris Street, San Francisco.
Architect—Not Given.

Contract Awarded.
ADDITION Cont. Price, $1622
FRESNO, Fresno Co., Cal.
Brick addition to maintenance building for Division of Highways (composition roofing, etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

REINFORCED CONCRETE CONTRACT AWARDED
SAN DIEGO, Cal. — E. O. Larsen, 1340 E. St., San Diego, has been awarded a contract at approximately $73,000 for the reinforced concrete work for the Ford Motor Company building to be erected at the California Pacific International Exposition in San Diego. The foundations, basement and entire main floor of the building, which will be circular in form with an approximate diameter of 350 feet, will be reinforced concrete construction. Plans for the building were prepared in the architectural offices of the exposition under the direction of Richard S. Requa, supervising architect.

Plans Completed.
ALTERATIONS Cost, $7500
SAN FRANCISCO. 942 Howard St.
Alterations and additions to printing plant (add one story to present structure, new fire doors, skylights, etc.)
Owner—George Zett.
Engineer—Jas. H. Hjul, 128 Russ St.
Lessee—E. J. Cardinal.
Mgr. of Const.—James H. Hjul.

Sub-Contracts Awarded.
FACTORY Cost, $10,000
OAKLAND, Alameda Co., Calif. 3224 Wood Street.
One-story steel factory.
Owner—Pacific Graphite Works, 40th and Chestnut Sts., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Piles—J. H. Baxter Co., foot of Walnut St., Alameda.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. N Jefferson St. 106 W Divisadero St.
Two-story and basement frame and stucco flats.
Owner—Tony D'Amico, 2345 Polk St., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $2,000
OAKLAND, Alameda Co., Cal. Broadway Terrace and Edith Place.
One-story brick service station.
Owner—Robt. Chickering, Central Bank Bldg., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland.

March 5, 1935

Contract Awarded.
SERVICE STATION Cost, $8000
GILROY, Santa Clara Co., Calif. (80x 80 feet).
Concrete and steel service station.
Owner—Byers Bros., Gilroy.
Architect—Not Given.
Concrete and Steel—Howson Brothers, Gilroy.
Hauling—Brem Bros., Gilroy.

Contracts Awarded.
ALTERATIONS Cost, $5000
REDWOOD CITY, San Mateo Co., Cal. 2501 Broadway.
Reconstruct service station (steel construction).
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Electric Wiring — Dingman's Electric Service, 1027 Allerton, Redwood City.
Concrete—W. O. Tyson, 136 Grand Avenue, Redwood City.
Piping & Plumbing—Victor Doppee, 247 Iris, Redwood City.

Construction Under Way.
ALTER GARAGE Cost, $2,000
SAN FRANCISCO. SW Montgomery and Jackson Streets.
Alterations to public garage.
Owner—Joseph De Mcheli, 1900 Jefferson Street.
Architect—F. W. Dakin, 625 Market Street.
Engineer—J. R. Guptill.
Contractor—V. Filippis, 269 24th Ave.

Plans Completed.
SERVICE STATION Cost, $——
OAKLAND, Alameda Co., Calif. 250 12th Street.
One-story steel service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $3,000
SAN JOSE, Santa Clara Co., Cal 250 W Santa Clara Street.
Gasoline service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $3000
SAN JOSE, Santa Clara Co., Cal. 101 S Market Street.
Gasoline service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.

Planned.
SERVICE STATION Cost, $2000
SAN JOSE, Santa Clara Co., Cal. No. 299 W. Julian Street.
Gasoline service station.
Owner—H. C. Bosshardt, 577 N. 10th St., San Jose.
Architect—Not Given.

7— FEDERAL BUILDINGS

CONTRACT AWARDED.
EL CENTRO, Imperial Co., Calif.—Neuman Bros., McMinnville, Oregon, awarded contract by Treasury Department at $930 for painting plaster in the U. S. post office at El Centro.

CONTRACT AWARDED.
LUALUALEI, T. H.—E. E. Black, Ltd., Honolulu, T. H., at $14,442 was awarded contract by Navy Department for water cooling system at the Naval Station, Lualualei, T. H.; Spec. No. 7817.

FUNDS ALLOTTED
SAN DIEGO, Cal.—Public Works Administration this week allotted $280 000 to the Treasury Department for a new Coast Guard air station to be built on North Island, San Diego. Improvements will include a hanger, barracks and other facilities.

CONTRACT AWARDED
SAN FRANCISCO—Neilsen & Lahti, 2328 Acton St., Berkeley, at $2169 awarded contract by Treasury Department for porch enclosures at the Fort Miley Hospital, San Francisco.
Complete bids epublished Feb. 11.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $37,347
COLTON, San Bernardino Co., Calif.
One-story and part basement post office building (65x70 ft.) concrete walls, cement dash exterior finish, tile and composition roof, steel windows, wood shutters, wrought iron railings, steel rolling curtains cork carpet, 1-pipe, low pressure heating system, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Schuler & McDonald, 1723 Webster St., Oakland.
Sheet Metal—Trevor C. Davies, 2027 Wollam St., Los Angeles.
Miscellaneous and Ornamental Iron—Usona Iron Co., 4606 W. Jefferson Blvd., Los Angeles.
Forms for Concrete Work — C. H. Welling, 565 Hobart St., Oakland.
Finishing Hardware—American Hardware Corp. (P. & E. Corbin Div.), Locker Drawer 1019, New Britain Conn.
Plumbing & Heating—United Plumbing & Heating Co., Inc., 236 E. 4th St., Los Angeles.
Vault Doors — Herring-Hall Marvin Safe Co., Hamilton, Ohio.
Glass and Glazing—Tyre Bros. Glass & Paint Co., Cor. 31st St. and San Pedro, Los Angeles.
Reinforcing Steel—Dick Richards, 58 Sutter St., San Francisco.
Electrical Work—Coast Electrical Co. 2350 Cedar Ave., Los Angeles.
Millwork—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Metal Partitions—The Sanymetal Products Co., Inc., 1705 Urbano Road. Cleveland, Ohio.
Structural Steel—Kyle Steel Constr., 5555 Magnolia St., Los Angeles.
Tile Work—Valley Tile & Mantel Co., 418 N. Larchmont Blvd., Los Angeles.
Concrete and Cement Work — Lafe Croker, San Bernardino.
Roofing—Robinson Roofing Co., Los Angeles.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $40,290
REDONDO BEACH, Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Schuler & McDonald, 1723 Webster St., Oakland.
Excavations—Wm. H. Merrill, Inglewood.
Concrete Work — Lafe Croker, San Bernardino.
Structural Steel—Pacific Coast Steel Corp., Alameda and Los Angeles.
Miscellaneous and Ornamental Iron—Usona Iron Co., Inc., 4606 W. Jefferson Blvd., Los Angeles.
Sheet Metal — Trevor Davies, 2027 Wollam St., Los Angeles.
Tile—Valley Tile & Mantel Co., 418 N. Larchmont Blvd., Los Angeles.
Millwork—Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Painting—Patterson Bros., Builders' Exchange, Oakland.
Glass and Glazing—W. P. Fuller & Co., 301 Mission St., S. F.
Finishing Hardware—P. & F. Corbin, New Britain, Conn.
Plumbing & Heating—United Plumbing & Heating Co., Inc., 236 E. 4th St., Los Angeles.
Electrical Work—Berns & Malloy Elec. Co., Ltd., 1518 W. 7th St., Los Angeles.

Site Selected.
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal. Adam and Twelfth Streets.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
The site was purchased for a total price of $5,750.

Complete Bid Listing.
POST OFFICE Cost, $55,000
OCEANSIDE, San Diego Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—L. F. Dow Co., 414 Rowan Bldg., Los Angeles.
Complete bids follow:
L. F. Dow Co., Los Angeles ... $39,747
T. A. Beyer Corp., Los Angeles 41,455
Olmstead Bldg. Co., San Diego 41,800
Wm. MacDonald Const. Co., St. Louis, Mo. ... 41,977
Chas. G. Rieke, Oceanside ... 46,404

Contract Awarded.
INSPECTION STATION
Cont. Price, $50,170
LAURIER, Washington.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Grover C. Gorsuch, Wenatchee, Washington.
Complete bids published Feb. 27.

BIDS WANTED.
VISALIA, Tulare Co., Calif.—Until March 27, 10 A. M., bids will be received by Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for furnishing two free standing wood bulletin boards for the U. S. post office in Visalia. Specifications obtainable from the custodian of the building.

Plans Being Revised.
POST OFFICE Cost, $63,800
SOUTH PASADENA, Los Angeles Co. Calif.
One-story U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Bids received January 9 were rejected, the lowest bid being submitted by L. F. Dow Company, Los Angeles, at $44,347. Plans are being received and new bids will be asked at at later date.

Contract Awarded.
POST OFFICE Cost, $44,530
MOUNT VERNON, Washington.
United States Post Office.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Henrikson - Alstrom Construction Co., Textile Tower, Seattle.

Contract Awarded.
March 7, 1935
POST OFFICE Cost, $——
HUNTINGTON PARK, Los Angeles Co., Calif.
Two-story post office building (94x138 feet) reinforced concrete walls and floor and roof slabs, tile and composition roofing, structural steel, steel sash, terrazzo, marble and tile work, cork carpet, steam heat.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—G. F. Campbell Bldg. Co. and Charles P. Kelly, 346 Bryne Bldg., Los Angeles.

8— CLUB BUILDING

Contract Awarded.
ALTER LODGE BLDG. Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 1025 Ninth Street.
Alterations to lodge building.
Owner—I. O. O F. Association, 9th and K Sts., Sacramento.
Architect—Not Given.
Contractor—Wm. Ladue, 2319 O St., Sacramento.

Construction Under Way.
ALTER LODGE BLDG. Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. No. 1025 Ninth Street.
Alterations to lodge building (new ballroom, new entrance, etc.)
Owner——I. O. O. F. Association, 9th and K Sts., Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Wm. Ladue, 2319 O St., Sacramento.

9— HOSPITALS

GENERAL CONTRACT AWARDED
LOS ANGELES, Cal.—L. C. Havstad, 3700 Vamage St., North Hollywood, awarded general contract for a Class A hospital building to be built at 304 N. Boyle Ave., for the White Memorial Hospital. Working drawings being completed by Architects Myron Hunt and H. C. Chambers, 408 S. Spring St., Room 1208, and work is scheduled to start in about 60 days. Building will be four-story and basement, cross-shaped structure with seven story tower, 88x158 ft. in area, steel frame construction, concrete extrior walls, concrte corridor floors and stairs, rubber tile, linoleum, clay tile, acoustic plaster, steel sash, sound deadening, two elevators, etc. Blds will be taken in about two weeks for furnishing two elevators. Heating and ventilating, plumbing and electrical wiring plans are being prepared by Elliott Lee Ellingwood. Cost, $325,000.

Preliminary Plars Prepared.
INFIRMARY Cost, $100,000
CORVALLIS, Oregon. Oregon State College Campus.
Three-story brick infirmary.
Owner—State of Oregon.
Architect—John Bennes, Lewis Bldg., Portland.
PWA recently allocated a loan and grant of $100,000 to finance the project.
Bids will be asked by the Board of Higher Education, W. H. Kerr, Chancellor, Eugene, at a later date.

Plans Being Prepared.
INFIRMARY Cost, $100,000
EUGENE, Oregon. State University Campus.
Three - story reinforced concrete infirmary (brick facing, cast stone trim) will have one passenger and one freight elevator, steam heating system from central plant, surgery rooms, waiting rooms.
Owner—State of Oregon.
Architect—Lawrence, Holford, Allyn, Failing Bldg., Portland.
Bids will be asked by the Board of Higher Education, W. H. Kerr, Chancellor, Eugene, at a later date.

CONTRACT AWARDED.
SAN FRANCISCO. — R. S. Silverberg, 405 Montgomery Street, at $678 awarded contract by Treasury Department for dampproofing basement walls of Bldgs. Nos. 11, 12, 13, 14, and 15 at the U. S. Marine Hospital, 14th Avenue and Lake Street.

Planned.
WARD ADDN. Cost, $——
SAN MATEO, San Mateo Co., Calif. San Mateo Community Hospital.
Modern fireproof tubercular ward at Community Hospital.
Owner—County of San Mateo (Doctor Charles C. Gans, Acting County Health Director).
Architect—Not Given.
Recommendations have been made to county authorities to include funds in the new budget to finance construction.

Preparing Working Drawings.
HOSPITAL, ETC. Cost, $6000
ORLEANS, Humboldt Co., Calif.
One - story wood frame hospital unit and community center (53x36 ft.) shingle roof, wood floors, etc.
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 581 Market St., San Francisco.
Building is to be constructed for the Mission of the Holy Spirit (Rev. C. W. Silk, M. D., Pastor).

Bids Rejected—Plans To Be Revised.
WARD ADDITION Cost, $20,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition at the County Hospital (22 - bed unit), composition roof, wood floors, steam heating system to connect to central heating plant, etc.
Owner—County of Monterey.
Architect—Charles Butner, 51 Maple Street, Salinas.
Lowest bid was submitted by Coolidge & Hughes, Salinas, at $20,380. Plans are to be revised and new bids asked in about thirty days.

11—ICE & COLD STORAGE PLANTS

Contract Awarded.
REBUILD TANK ROOM Cost, $——
MARYSVILLE, Yuba Co., Cal. Ninth Street.
Rebuild tank room recently destroyed by fire.
Owner—National Ice & Cold Storage Co., 85 Second St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—W. W. Williamson, 320 Market St., San Francisco.
Mechanical equipment bids will be asked by the owner at a later date.

11—ICE AND COLD STORAGE PLANTS

Bids Wanted — To Close April 2 2 P. M.
BOILER PLANT Cost, $——
CAMARILLO, Ventura Co., Cal. State Hospital.
Boiler plant equipment for boiler plant under construction at the Camarillo State Hospital (work involves 2 300-hp. water tube boilers complete with foundations, burners, pumps, piping and other appurtenances).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications may be obtained from above office upon deposit fo $25.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

To Ask Bids Shortly.
CITY HALL Cost, $15,000
GRASS VALLEY, Nevada Co., Cal. SW Main and Stewart Streets.
One and two-story reinforced concrete city hall (tile roof, steam heating system, concrete floors, etc.)
Owner—City of Grass Valley.
Architect — Chas. Dean, California State Life Bldg., Sacramento.
Revised plans are being completed and new bids will be asked within two weeks. On previous bid opening lowest bid was submitted by Chas. Unger 4532 T St., Sacramento, at $19,-987.

CONTRACT AWARDED.
SAN FRANCISCO.—Asbestos Co. of California, 1184 Harrison Street, at $45 awarded contract by Department of Public Works for covering hot water tank in basement of the City Hall with asbestos blocks, plastered and canvassed.

PROJECT APPROVED.
SANTA PAULA, Ventura Co., Cal. —SERA has approved a supplemental appropriation of $2,116 for the erection of a one-story reinforced concrete fire station in Santa Paula. Project will be supervised by R. S. Raymond of Santa Paula, and will employ 15 laborers.

Preliminary Plans Completed.
ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Cal.
Alterations and additions to city hall (construct new wing and remodel present building).
Owner—City of Roseville.
Architect — Charles Dean, California State Life Bldg., Sacramento.
Preliminary plans submitted to the City Council for approval. Application has been filed with the SERA to furnish labor for the project. The City will purchase materials.

Plans Being Completed.
CITY HALL Cost, $30,000
FAIRBANKS, Alaska.
Two-story reinforced concrete city hall (50-ft. square) mill roof, wood sash concrete floors, etc. (will house clerk's office, firemen's dormitories office, council chamber, fire apparatus room, etc.
Owner—City of Fairbanks.
Architect—Henry Bittman, Securities Bldg., Seattle.

NOTICE TO BIDDERS

Registration of sub-contractors' duplicate bids to General Contractors for the Hall of Records, Fresno, will be at the Fresno General Depository, 1837 Tuolumne St., Fresno. Duplicate bids of the Construction Divisional Codes are to be filed at this Depository not later than Monday, March 18, 1935, at 8:00 P. M. This Depository closing time is set for all Construction Divisional Codes except the Painters. Depository closing time for the painters will be Saturday, March 16, 1935, at 10:00 P. M. All mailed duplicate bids shall be post marked not later than the day previous to closing time.

CENTRAL DEPOSITORY SYSTEM OF NORTHERN CALIFORNIA.
R. A. DADDISMAN,
General Custodian.

FUNDS ALLOTTED.

LOS ANGELES, Cal.—Los Angeles city council allocated funds this week for the following proposed building projects: Watts branch city hall, $80,000; improvements to city fire stations $4,500; fire engine house at 113 South Griffin Ave., $16,000.

PROJECT APPROVED

HOLTVILLE, Imperial Co., Cal.—PWA has approved a supplementary appropriation of $3589 for construction of an auditorium at Holtville. J. T. Wolff of Imperial County will supervise the project which will employ one foreman and 28 laborers.

BONDS AUTHORIZED

CARSON CITY, Nev.—Nevada state legislature has authorized $90,000 bond issue for state library and supreme court building. Additional $37,500 will be asked from PWA.

CONTEMPLATED

CARSON CITY, Nev.—A bill to authorize construction of a state highway department laboratory building to cost $30,000 has been introduced in the Nevada state legislature.

14— RESIDENCES

Contracts Awarded.
ALTERATIONS Cost, $15,245
SAN FRANCISCO. 3712 Jackson St.
Alterations & additions to frame residence.
Owner—Mrs. Helen B. Bloch, 3712 Jackson Street.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—A. F. Mattock Company, 212 Clara Street.
Excavation—L. Devincenzi, 148 Blake Street.
Mill Work — Brannan Street Planing Mill, 560 Brannan St.

Plans Being Prepared.
RESIDENCE Cost, $4,000
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (5 rooms) composition shingle roof, gas heating system, wod sash, hardwood floors
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St. Oakland.

Plans Being Completed.
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Piedmont Pines.
Two - story and basement frame and stucco residence (12 rooms and 4 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. Eugene Barton, Crocker Building, San Francisco.
Bids will be asked in two or three weeks.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO. St. Francis Wood (W San Rafael, 2408 St. Francis Blvd.)
Two - story and basement frame and stucco residence (10 rooms and 3 baths) slate roof, gas hot air heating system, wood sash, hardwood floor, colored tile baths, etc.
Owner—L. O. Casperon, 355 29th St
Architect—C. O. Clausen, 746 46th Avenue.
Lumber—San Francisco Lumber Co., Beach and Powell Streets.
Mill Work—Hogan Lumber Co., 1458 20th Avenue.
Plumbing—George Itehn, 1919 Mission Street.
Concrete—Andw. Thorsen, 1878 Church Street.

Construction Started.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W Moneta Way N Farragut St.
Two one - story and basement frame and stucco residences.
Owner and Builders—Rudolph Mohr & Sons, 116 Ninth St.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $7575
SALINAS, Monterey Co., Cal. NW Los Lauerellas and El Paso Sts.
One-story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Fred and Ora Center, Salinas.
Architect—W. A. Doctor, 362 Hudson St., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.
Plumbing, Heating and Sheet Metal—Anderson, Doherty & Hargis, Salinas.
Rough Hardware — Salinas Hardware Co., Salinas.
Grading—W. A. Dontaville, Salinas.

Contract Awarded.
ALTERATIONS Cost, $7,000
SAN FRANCISCO. NW Oak & Broderick Streets.
Alterations to residence and store.
Owner—N. F. Cline.
Architect—R. R. Irvine, 3841 18th St.
Contractor—Don F. McGillis Co., 527 19th Avenue.

To Be Done By Day's Work.
ALTER RESIDENCE Cost, $2000
SAN FRANCISCO. 2803 Golden Gate Avenue.
Alterations to residence.
Owner—H. F. Dable, premises.
Architect—Not Given.

BIDS WANTED.

GRAND COULEE, Wash.—Until March 22, 10 A. M., bids will be received by the Bureau of Reclamation, Almira, Wash., for the construction of one 7-room and four 5-room residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project, Wash.

Residences will be of wood frame construction with siding over sheathing on exterior walls, plastered interior walls and ceilings; wood shingle roofing, 1-pipe gravity vacuum steam heating system and hot air heating system, etc.; Spec. No. 615.

Plans and specifications may be obtained from above office and from Denver, Colo., and Washington, D. C., upon payment of $2.50.

Preparing Preliminary Plans.
ALTERATIONS Cost, $——
SAUSALITO, Marin Co., Cal.
Alterations to two frame residences.
Owner——Withheld.
Architect—Carl Gellfuss, 1095 Market St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SACRAMENTO, Sacramento Co., Cal.
Two-story and basement frame and brick veneer residence (8 rooms and 4 baths), shake exterior on second story, shingle roof, oil furnace, hardwood floors, tile baths, etc.
Owner—Dr. Chas. Von Gildern, Medico-Dental Bldg., Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about thirty days.

Bids In—Held Under Advisement.
RESIDENCE Cost, $8500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); tile roof, oak floors, gas heating system, etc
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Announcement will be made about March 11.

Bids In—Held Under Advisement.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal. Requa Tract.
Two-story frame and stucco residence
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Announcement will be made about March 11.
As previously reported, excavation and concrete awarded to J. H. Fitzmaurice, 2857 Hannah St., Oakland.

Contract Awarded.
RESIDENCE Cast, $——
PASATIEMPO, Santa Cruz Co., Cal.
Two-story and basement frame and stucco residence (9 rooms and 4 baths) servants' quarters with two baths) air heating system, etc.)
Owner—Lawrence I. Scott, Insurance Center Bldg., San Francisco.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Palmeh & Balsiger, 254 Branciforte Ave., Santa Cruz.

Building Permit Applied For.
RESIDENCE Cost, $51,000
SAN FRANCISCO. Spruce and Jackson Streets.
Two - story and basement frame and brick veneer residence (16 rooms and 6 baths) copper roof, gas hot air heating system, tile baths, oak floors, etc.
Owner—John A. Sutro.
Architect—W. W. Wurster, 260 California Street.
Engineer—A. V. Saph, Rialto Bldg.
Contractor—Gus F. Marshall, 799 Ashbury Street.

Plans Being Figured—Bids Close Mar. 14, 5 P. M.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif
Harvard Avenue.
Two-story frame and stucco residence Italian style (servant rooms and two baths) tile roof, etc.
Owner—George Ferroggiaro, 811 32nd Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Following will submit bids:
E. S. Shaver, 2600 Easton Dr., Burlingame.
Charle Hammer, 1524 Floribunda Ave., Burlingame.
Geo. Ferrero, care architect

Bids Rejected.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Santa Rita Ave
Two-story frame and stucco residence (8 rooms and 2 baths).

Owner—Dr. Streiss.
Architect—H. A. Minton, 525 Market Street.
Plans will probably be revised and new bids asked.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. 1607 23rd Avenue.
Alterations to residence (work involves painting, tinting, papering, cleaning and waxing floors, etc.)
Owner—Frank and Alleia B. Kelly, Premises.
Architect—Not Given.
Contractor—G. H. Batchelor & Son, 450 Hayes Street.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Virginia St. 27 W Coleridge Street.
One - story and basement frame and stucco residence.
Owner—Dall-Cuthbert Realty Co., 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd Lindsay, 193 Oxford Street.

14— RESIDENCES

Plans Being Completed.
RESIDENCE Cost, $6500
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms, 2 baths) English style, shake roof, gas hot air heating system, hardwood floors, steel sash tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Bids will be asked in about 2 weeks.

Contract Awarded.
RESIDENCE Cost, $14,000
BAYWOOD, San Mateo Co., Cal.
Two-story and basement Spanish-stlye residence (9 rooms; 3 baths; tile roof, gas furnace, steel sash, oak-plank floors, ornamental iron, colored tile bathrooms).
Owner—Howard L. Stillwell, San Mateo.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story and basement frame residence (8 rooms and 3 baths) brick and rustic exterior, hardwood tile baths, hardwood floors, etc.
Owner—Bank of America.
Architect—Earl MacDonald, 194 John Street, Oakland.
Contractor — Eugene Campomenosi, 6401 Broadway Terrace, Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Melvin Drive Highlands.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner and Builder—Chas. Ungaretti, 1727 Foothill Blvd., Oakland.
Architect—Chas. Keefer, 770 Wesley St., Oakland.

Contract Awarded.
RESIDENCE Cost, $4875
CROCKETT, Contra Costa Co., Cal. Tenney Terrace.
One-story and basement frame and stucco residence (tile roof, hardwoor floors, etc).
Owner—Louis Affelll, Martinez.
Architect—Not Given.
Contractor—Karl Koller, Crockett.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Calif. 4137 Lyman Road.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—Walter Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN FRANCISCO. W San Rafael 240 S St. Francis Blvd.
Two - story and basement frame and stucco residence.
Owner—L. O. Casperon, 355 29th St.
Architect—C. O. Clausen, 716 46th Avenue.

Contract Awarded.
ALTERATIONS Cost, $15,245
SAN FRANCISCO. 3712 Jackson St.
Alterations & additions to frame residence.
Owner—Mrs. Helen B. Bloch. 3712 Jackson Street.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—A. F. Mattock Company, 212 Clara Street.

Plans Being Prepared.
RESIDENCE Cost, $6500
REDWOOD CITY, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (shake roof, gas hot air heating system, etc.)
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
STOCKTON, San Joaquin Co., Calif., 527 West Vine Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—R. E. McCarthy, 603 E Worth St., Stockton.
Architect—Not Given.
Contractor—W. T. McCarthy, 529 Ellan St., Stockton.

Plans Being Completed.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 1 week.

Contract Awarded.
RESIDENCE Cost, $10,000
WATSONVILLE, Santa Cruz Co., Cal. El Cerrito Tract.
Two - story and basement frame and stucco residence (8 rooms) gas furnace, hardwood floors, tile baths
Owner—Jasper Simunovich.
Architect—Not Given.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

Plans Completed.
RESIDENCE Cost, $——
CAROLANDS, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (Italian ranch style) 14 rooms, 6 baths; tile roof, gas hot air heating system, tile baths, wood sash, etc.
Owner—Lloyd Simpson.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Sub-bids will be taken by the owner shortly.

Plans Being Figured — Bids Close March 5, 3 P. M.
RESIDENCES Cost, $——
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Three one-story frame and stucco residences (5 rooms each).
Owner—Syndicate Merriewood Co. L Broadway, Oakland.
Architect—Noble and Archie T. Ne som, Russ Bldg., San Francisco.

Preparing Preliminary Plans.
RESIDENCE Cost, $10,0
OAKLAND, Alameda Co., Cal. Wil wood Gardens.
Two-story and basement frame a stucco residence.
Owner—Matthew Wahrhaftig.
Architect—H. A. Schary, 605 Mark St. and W. I. Garren, 233 Po St., San Francisco.
Bids will be asked in about thir days.

Being Done By Day's Work.
RESIDENCE Cost, $50
SAN FRANCISCO. W Stockton 1 N Chestnut St.
One-story and basement frame a stucco residence (five rooms) fl roof, hot air heating system, har wood floors, tile baths, etc.
Owner—Margaret Bell, 1317 Hyde St San Francisco.
Architect—E. H. Denke, 1317 Hyde S San Francisco.
Work is being done by day's labo under the supervision of the archi tect.

Sub-Contracts Awarded.
RESIDENCE Cost, $15,00
HILLSBOROUGH, San Mateo Co., Ca
Two-story and basement frame an part brick veneer residence (1 rooms, 4 baths, separate lavatory full Monterey type; heavy shak roof, steam heating system, woo sash, hardwood floors, tile baths
Owner—Withheld.
Architect — Leo Sharps, 1477 Burlin game Ave., Burlingame.
Contractor — Lengfeld & Olund, 22 Third Ave., San Mateo.
Shake Roofing — W. L. Ridout, 135 Mozart St., Alameda.
Lumber—San Mateo Planing Mill, San Mateo.
Hardware—Wisnom Lumber Co., San Mateo.
Painting—A. Petterson, San Mateo.
Grading—San Mateo Feed & Fuel Co. San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $8429
SAN FRANCISCO. St. Francis Wood, Lot 3 Blk 11.
Two-story and basement frame and stucco residence (detached garage)
Owner—Milton and Babette H. Dean
Architect—Masten & Hurd, 233 Post St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing—Higgins & Kraus, 741 Tehama St.
Electric Wiring — Galvin Bros., 1578 29th Ave.
Heating and Sheet Metal—Atlas Heat & Ventilating Co., 557 4th St.
Hardwood Floors — Carl Stendell, 41 Cumberland St.
Water Heater—Higgins & Kraus, 741 Tehama St.
Iron Grille Work—Ace Iron Works, 159 South Park.
Brick and Stone Work—Wm. Heidenreich, 129 Shotwell St.
Lumber—Spring Valley Lumber Co., 2401 San Jose Ave.
Painting—Reliable Painting Co., 3247 19th St.
Plastering — Campbell & King, 110 Ashton St.
Finish Materials—Warden Bros. Planing Mill, 2501 Army St.
Foundations—P. Donnelly, 302 23rd Ave.

Contract Awarded.
RESIDENCE Cost, $6500
PALO ALTO, Santa Clara Co., Calif. 1480 Hamilton Avenue.

wo-story frame and stucco residence.
wner—Andrew Aro.
rchitect—Not Given.
ontractor—Aro & Okerman, Box 435, Palo Alto.

ontract Awarded.
ESIDENCE Cost, Price, $5630
AUSALITO, Marin Co., Calif
ne - story and basement frame and stucco residence.
wner—Mr. Krusna.
rchitect—Willis Polk Co., 277 Pine St., San Francisco.
ontractor—Hannah and Wooldridge, 268 Market St., San Francisco.

w Bidder.
ESIDENCE Cost, $——
AKLAND, Alameda Co., Calif. Oakmore Estates.
wo-story frame and stucco residence.
wner—J. Van Strough.
rchitect—Miller & Warnecke, Financial Center Bldg., Oakland.
w Bidder—W. Vernon Bernard, 227 San Carlos St., Berkeley.

ontract Awarded.
ESIDENCE Cost, $11,074
AN FRANCISCO. San Rafael Way. St. Francis Wood.
wo - story and basement frame and stucco residence.
wner—Henry C. Clausen, 333 Montgomery Street.
rchitects—Williams & Grimes (Albert R. Williams, Architect) 251 Post Street.
ontractor—Woodcraft Mfg. Co. (J. B. Stuer, Premises).

o Be Done By Day's Work.
ESIDENCE Cost, $4,000
AKLAND, Alameda Co., Calif. 4260 Monterey Blvd.
ne-story frame and stucco residence (four rooms).
wner—J. Fynn, premises.
rchitect—Not Given.
ontractor—Louis E. Van Ness, 4920 Park Blvd., Oakland.

o Be Done By Day's Work.
ESIDENCE Cost, $5000
AKLAND Alameda Co., Cal. No. 16 Elston Court.
ne-story and basement frame and stucco residence (6 rooms).
wner and Builder—J. M. Scammell, 424 Scenic Ave., Piedmont.
rchitect—Not Given.

ontract Awarded.
ESIDENCE Cost, $4,000
AKLAND, Alameda Co., Calif. 6117 Mauritania Avenue.
ne - story and basement frame and stucco residence (5 rooms).
wner and Builder—Ole Moen, 4201 E. 16th St., Oakland.
rchitect—Not Given.

o Be Done By Day's Work.
ESIDENCE Cost, $4000
AN FRANCISCO. W Melba St. 379 S Ocean Avenue.
ne-story and basement frame and stucco residence.
wner and Builder—Fernando Nelson & Sons, 2901 19th Ave., S. F.
rchitect—Not Given.

ontract Awarded.
DDITION Cost, $1170
AKLAND, Alameda Co., Cal. No. 362 Clifton Street.
ddition to residence.
wner—James Taylor, Premises.
rchitect—Not Given.
ontractor—C. M. Telgland, 4668 Dolores Ave., Oakland.

ontract Awarded.
ESIDENCE Cost, $4941
AN FRANCISCO. SW Chestnut and Scott Streets.
One-story and basement frame and stucco residence.
Owner—Carl and Henrietta Wunner, 2321 Chestnut St., San Francisco.
Architect—Geo. H. Wiemeyer, 96 Toledo Way, San Francisco.
Contractor — J. Harold Johnson, 639 Brannan St., San Francisco.
Electrical Work—W. H. Morgan, 96 Toledo Way, $433.

Plans Being Figured—Bids Close Mar. 7, 5 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Vienna and Peru Streets.
One-story and basement frame and stucco residence (5 rooms); flat tar and gravel roof, gas heating system, hardwood floors, etc.
Owner—H. B. Connolly.
Architect — D. E. Jaekle, 126 Post St., San Francisco.
Following will submit bids:
Fred Thorinson, 279 Yerba Buena Avenue.
A. Lindgren, 346 Lowell St.
G. Carraro, 750 Felton St.

15— SCHOOLS

BIDS WANTED
LOS ANGELES, Cal.—Until March 26, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the construction of new buildings "A" and "F" at Manual Arts High School, located on the west side of Vermont Ave., between 40th Place and 42nd Street. John and Donald B. Parkinson, 808 Title Insurance Bldg., Architects, and Elliott Lee Ellingwood, H. W. Hellman Bldg., mechanical engineer. Cost, $326,280.

CONTRACT AWARDED
LOS ANGELES, Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, awarded contract by Los Angeles Board of Education at $74,483 for construction, strengthening and rehabilitation of the main building at Wilmington Park School, located on Mahar Ave., between Young and K Sts., Wilmington. Work will consist of strengthening walls with gunite or concrete, anchors and bracing altering partitions, resetting windows, etc. H. L. Gogerty, architect; J. E. Byers, sructural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until March 27, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the new brick (main) building at the Rowan Avenue School, located on the east side of Rowan Ave., between San Franco St. and Princeton Ave. A. S. Nibecker Jr., architect, and C. J. Derrick, structural engineer, 501 Architects' Bldg. Cost, $87,049.

CONTRACT AWARDED
HUNTINGTON PARK, Los Angeles Co., Cal.—Shofner & Gordon, 1831 N. Main St., awarded contract by Los Angeles Board of Education at $107,950 for reconstruction, rehabilitation and strengthening of the practical arts building, annex building and power plant at the Huntington Park School. Geo. M. Lindsey, 6305 Yucca St., architect, and Murray Erick, 811 W. 7th St., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—Steed Bros., Inc., 5 S. Stoneman Ave., Alhambra, awarded contract by Los Angeles Bd. of Education at $66,300 for reconstruction, rehabilitation and strengthening of the main brick building at the Vine Street School, located at 955 Vine St. C. E. Noerenberg, 210 L. A. Railway Bldg., Los Angeles, Architect.

BIDS WANTED.
LOS ANGELES, Cal. Until March 27, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of new buildings A B and C at the Miles Avenue school, located on the east side of Miles Ave. between Saturn and Zoe Aves., Huntington Park. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect. Cost, $155,792.

PROJECT APPROVED
SANTA MONICA, Los Angeles Co., Cal.—SERA has approved a supplementary appropriation of $9039 for the Washington School building construction, 4th St. and Ashland Ave., Santa Monica. Project will be supervised by Harry Strangmen of the Santa Monica City School District, and will employ one timekeeper and 51 laborers.

PROJECT APPROVED
SANTA MONICA, Los Angeles Co., Cal.—SERA has approved a supplementary appropriation of $939 for construction of a one-story elementary school (Roosevelt School), Eighth and Montana Aves., Santa Monica. Harry Strangman of the Santa Monica City School District will supervise the project which will employ one timekeeper and 51 laborers.

PROJECT APPROVED
WHEATLAND, Yuba Co., Cal.—SERA maa approved a supplementary appropriation of $6772 for completion of school house construction in Wheatland. The project will be supervised by George C. Sellon of the Wheatland Elementary School District, and will employ 58 laborers.

Steel Bids Wanted—To Close March 20th, 2 P. M.
REMODEL SHOP Cost, $8000
WATSONVILLE, Santa Cru Co., Cal.
Remodel school shop building (steel frame).
Owner—Watsonville School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids are being received on structural steel only.

BOND ELECTION
PLACER and Sacramento Counties, Calif.—Dry Creek Elementary School District will vote bonds in the amount of $6,500 on March 21. Proceeds to finance construction of a new school for the Dry Creek Elementary School District. Trustees of the District are T. A. Crowder; Mrs. Edith Lewis; Stephen T. Riolo.

CONTRACT AWARDED.
VAN NUYS, Los Angeles Co., Cal. —G. F. Campbell Building Co. and C. P. Kelly, 340 Byrne Bldg., awarded contract at $86,875 by Los Angeles board of education for erection of two one - story, frame and stucco school buildings at the Van Nuys elementary school, 6464 Sylmar Ave., Van Nuys. Gilbert S. Underwood, 408 S. Spring St., Los Angeles, architect.

Contract Awarded.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Calif. 4401 Piedmont Avenue.
Alterations to residence.
Owner—Bud Voight, 4401 Piedmont Ave., Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

TO SEEK FEDERAL AID.

RIVERSIDE, Cal.—Riverside board of education will submit to the Public Works Administration, with a request for government financing, a list of proposed school buildings to be erected in Riverside at an estimated cost of $210,000. The tentative program includes a shop and cafeteria building at Chemawa Junior high school, $15,000; an auditorium and cafeteria bldg. at Poly high school, $50,000; showers and dressing rooms at the three junior high schools, $45,000; kindergarten, Independence school, $5000; sanitary facilities, Irving school, $10,000; two additional classrooms at Fremont school, $10,000; addition to auditorium and classrooms at Magnolia school, $40,000; extra concrete bleachers in the stadium, $15,000, and the remodeling of the administration building at Ninth and Lemon Sts., $20,000.

Plans Being Prepared.

RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); Spanish Style; tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Bids will be asked in about two weeks.

Planned.

GYMNASIUM Cost, $40,000
KINGSBURG, Fresno Co., Calif.
Gymnasium (showers and dressing rooms, movable bleachers, etc.)
Owner—Kingsburg Joint Union High School District.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Bonds will be voted at the regular school election on March 29.

NOTICE TO BIDDERS

Registration of sub-contractors' duplicate bids for the Healdsburg Grammar School, Healdsburg, will be at the Santa Rosa Central Depository, 311½ Mendocino St., Room 20, Santa Rosa. Duplicate bids of the Construction Division Codes are to be filed at this Depository not later than Wednesday, March 13, 1935, at 12:00 Noon. This Depository closing time is set for all Construction Divisional Codes except the Painters. Depository closing time for the Painters will be Tuesday, March 12, 1935, at 2:00 P. M. All mailed duspliate bids shall be post marked not later than the day previous to closingtime.

CENTRAL DEPOSITORY SYSTEM OF NORTHERN CALIFORNIA.
R. A. DADDISMAN,
General Custodian.

TO ASK NEW BIDS.

PHOENIX, Ariz. — Madison School District No. 38, Phoenix, will readvertise for bids for additions to school buildings in Phoenix, the bids received on February 21 having exceeded the appropriation. Emil Herman submitted low bid at $31,135. Work will include the erection of an auditorium and two classrooms as an addition to the East building, alterations to the South building in such manner as to provide two classrooms and a library, and the erection of a 2000-gallon water tank. Jansen & Whittlesey, Phoenix, architects.

Bids Opened.

SCHOOLS Cost, $100,000
DALY CITY, San Mateo Co., Calif.
Three one-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson and Crocker units.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Low Bidder—Leo Epp, 4745 Geary St., San Francisco.
Complete bids follow:
(1) add for electrical underground wiring;
(2) add for changing floors from pine to maple;
(3) add for Permarac blackboards to Furoplace blackboards;
(4) add for masonite flooring;
(5) add for pipe covering;
(6) deduct for using copper sheet metal in lieu of galvanized iron;
(7) add for change in shades.

Leo Epp, San Francisco		$74,447
	(1)	645
	(2)	1,450
	(3)	925
	(4)	2,900
	(5)	175
	(6)	190
	(7)	1,160
J. H. Johnson, San Francisco		$76,811
	(1)	640
	(2)	1,500
	(3)	880
	(4)	2,825
	(5)	153
	(6)	350
	(7)	1,093
Harry J. Oser, San Francisco		$79,700
	(1)	440
	(2)	1,675
	(3)	800
	(4)	2,675
	(5)	150
	(6)	400
	(7)	1,100
F. C. Amoroso & Sons, S. F.		$79,979
	(1)	560
	(2)	1,500
	(3)	900
	(4)	2,725
	(5)	161
	(6)	370
	(7)	1,100
Carl N. Swensen, San Jose		$80,793
	(1)	890
	(2)	2,400
	(3)	925
	(4)	2,900
	(5)	189
	(6)	429
	(7)	1,050
H. L. Petersen, S. F.		$81,000
	(1)	600
	(2)	1,813
	(3)	850
	(4)	2,650
	(5)	390
	(6)	449
	(7)	743
San Francisco Const. Co., S. F.		$81,749
	(1)	645
	(2)	1,826
	(3)	946
	(4)	2,889
	(5)	151
	(6)	360
	(7)	1,161
Frank J. Reilly, S. F.		$81,831
	(1)	700
	(2)	2,000
	(3)	1,000
	(4)	3,100
	(5)	200
	(6)	250
	(7)	1,200
Robt. McCarthy, San Francisco		$82,938
	(1)	440
	(2)	2,500
	(3)	850
	(4)	2,900
	(5)	300
	(6)	450
	(7)	1,200
Meyer Const. Co., S. F.		$86,562
	(1)	380
	(2)	1,588
	(3)	850
	(4)	2,711
	(6)	140
	(6)	840
	(7)	1,032

Bids held under advisement until March 8.

BIDS WANTED

LOS ANGELES, Cal.—Until March 12, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for a two-story, 30-room Class A reinforced concrete, men's physical education building to be built at the Los Angeles Junior College, 855 N. Vermont Ave. Allison & Allison, 1011 Edison Bldg., Architects. Cost, $100,000.

Construction Started.

SCHOOL Cost, $15,000
MacARTHUR, Shasta Co., Cal.
One-story heavy timber school building (one classroom and shop).
Owner—MacArthur School District.
Architect—Otto Deichmann, 110 Sutter St., San Francisco.
Engineer—Harold Hammill, 381 Bush St., San Francisco.
Materials will be purchased by the School Board. Labor being furnished by the SERA.

To Ask Bids Shortly.

SCHOOL Cost, $65,000
NESPELEM, Wash. Indian School.
One- and two-story school building (reinf. concrete construction, built-up roof, steel joists) 10 classrooms.
Owner—U. S. Government (Bureau of Indian Affairs.
Plans by Engineering Dept. of Indian Affairs, Washington, D. C.
Associate Architect—G. A. Pherson, Spokane, Wash.
Plans and specifications obtainable shortly from W. B. Fry, Purchasing Agent, Department of Interior, Washington, D. C., upon deposit of $25.

Preparing Preliminary Plans.

SCHOOL Cost, $100,000.
ARBUSKLE, Colusa Co., Cal.
New High School Building.
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

LOW BIDDER

HUNTINGTON PARK, Los Angeles Co., Cal.—Shofner & Gordon, 1831 N. Main St., submitted low bid to Los Angeles Board of Education, at $107,950 for reconstruction, strengthening and rehabilitation of the practical arts building, annex building and power plant at the Huntington Park High School. Geo. M. Lindsey, 6305 Yucca St., architect, and Murray Erick, 811 W. 7th St., structural engineer

---

BIDS WANTED

FLAGSTAFF, Ariz.—Until March 30, bids will be received by Flagstaff School Board for construction of new southside elementary school building in Flagstaff, Ariz. It will be a two-story, T-shaped structure, 60x135 feet and 30x61 feet in area, and will contain ten classrooms, domestic science department, manual training department and an assembly hall. The walls will be be built of brick and will have red sandstone and Malapais rock facing. Estimated cost $50,000. Plans and specifications may be obtained from Architects Wallingford & Bell, Heard Bldg., Phoenix.

LOW BIDDER

LONG BEACH, Los Angeles Co., Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, submitted low normal bid to Los Angeles Board of Education at $74,483 for reconstruction, strenghtening and rehabilitation of the main building at the Wilmington Park School, located on Mahar Ave., between Young and K Streets, Wilmington. L. Gogerty, architect; J. E. Byers, structural engineer.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until March 13, 4:00 P. M., bids will be received by Long Beach Board of Education for the construction of the administration unit at the James Russell Lowell Junior High School site. Separate bids will be taken on the general work, plumbing, electric wiring, heating and ventilating. Edward L. Mayberry, 3900 E. Third St., Long Beach, architect.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until March 20, 4:00 P. M., new bids will be received by Long Beach Board of Education for rebuilding the administratnon building on Locust Ave., near Seventh St., Long Beach. Earl K. Bobbe, 315 Heartwell Bldg., Long Beach, Architect.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Clinton Construction Co., 1103 Spring Arcade Bldg., Los Angeles, awarded general contract by Long Beach Board of Education at $156,993 for construction of the administration building at Geo. Washington Junior High School. Other awards were: Heating and ventilating to Hickman Bros., 910 E. Anaheim St., Long Beach, $8235; plumbing, E. Willardson, 2407 Tesla Terrace, Los Angeles, $7172; electric wiring, Coast Electric Co., 2350 Cedar Ave., Long Beach, $15,025. W. Horace Austin, 532 Chestnut Avenue, Long Beach, architect, and Francis N. Dlouhy, structural engineer.

Complete Bid Listing.

SCIENCE BLDG. Cost, $56,000
WASCO, Kern Co., Cal. High School Grounds.
One-story reinforced concrete science bldg. (to contain classrooms, laboratories, assembly hall reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors tile toilet room floors, heating plant, etc.
Owner — Wasco Union High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Low Bidder—Fisher & McNulty, Mattel Bldg., Fresno.
Complete bids follow:
Fisher and McNulty, Fresno, $43,454.18.
Williams & Greenough, Bakersfield, $44,758.
Trewhitt & Shields, Fresno, $44,400.
Monson Brothers, San Francisco, $45,506.
Opperman & Kampe, Bakersfield, $48,604.
Henry Eissler, Bakersfield, $49,000.
H. Mayson, Los Angeles, $51,418.

Change In Ornamental Waste Mold Award.

SAN FRANCISCO, 150 Brompton St.
SCHOOL Cont. Price, $176,248
(Glen Park School).
Two - story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St. and Bliss & Fairweather, Balboa Bldg.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer — Robert L. St. John, 544 Market Street.
Contractor—Jas. L. McLaughlin, 251 Kearny Street.
Ornamental Waste Molds—Henry Gregoire, 355 12th Street.
The ornamental waste mold contract was previously awarded to A. Dackert and Company.
Other awards previously reported

Material Bids Wanted — To Close March 18, 8 P. M.

SCHOOL Cost, $40,000
CONCORD, Contra Costa Co., Cal..
Two-story reinforced concrete high school (ten classrooms) tile roof, steam heating system, probably concrete floors.
Owner—Mt. Diablo Union High School District (Miss Bertha Romaine, Principal).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids are wanted on the fololwing materials:
(1) Concrete materials, 1200 barrels, cement; 650 tons top sand and 675 tons gravel and crushed rock;
(2) Reinforcing steel;
(3) Metal forms for concrete joists and floors.
(4) Lumber for concrete forms and frame;
(5) Mill work;
(6) Plumbing, materials and fixtures;
(7) Glass;
(8) Terra cotta tile and composition roofing materials;
(9) Ornamental and miscellaneous iron work;
(10) Terra cotta flue lining;
(11) Rough hardware;
(12) Patent window hardware fixtures, installed;
(13) Steam fitting, materials and fixtures;
(14) Electrical work materials;
(15) Sheet metal work materials.
Plans and specifications may be obtained from the architects and from Nina E. Bancroft, Clerk, Mt. Diablo Union High School District, upon deposit of $20.

BOND ELECTION

ROCKVILLE, Solano Co., Cal.—Rockville School District will vote bonds in the amount of $11,000 on Mar. 8. Proceeds to finance construction of a new elementary school building in the Rockville District, Solano Co. Hans Andreason, F. L. Vogel and W. J. Morrison are trustees of the school district.

BOND ELECTION.

REDWOOD CITY, San Mateo Co.—Sequoia Union High School District will hold an election on March 29, at which time bonds in the amount of $75,000 will be voted to finance construction of structural changes to a group of eight school buildings in the Sequoia Union High School District, Redwood City. H. J. Brunnier, Sharon Bldg., San Francisco, is the structural engineer.

Commissioned To Prepare Plans.

SCHOOL Cost, $181,102
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post Street.

Plans Awaiting PWA Approval.

RETAINING WALL Cost, $——
SAN FRANCISCO. 1435 Utah Street.
Construct retaining wall at Starr King School.
Owner—City and County of San Francisco.
Plans by the Bureau of Architecture, Chas. Sawyer, City Architect, City Hall.
Upon approval of plans by the PWA bids will be asked.

BOND ELECTION.

PLACER and Sacramento Cos., Cal.—Proposal to issue $6500 in bonds for improvements to the Dry Creek Elementary District properties will be submitted to voters at a special election March 21.

CONSTRUCTION STARTED.

COSTA MESA, Orange Co., Calif. Cresmer Mfg. Co., 2601 Third Street, Riverside, has started work on the construction of a new administration and classroom bldg. and reconstructing a six-classroom building on the Costa Mesa grammar school site. Award was made the latter part of January at $49,415. Hickman Bros., 910 East Anaheim St., Long Beach, awarded heating and plumbing at $5714, and Allen Trusty & Sons, 211 N. Main St., Santa Ana, awarded electrical work at $3485. Herbert E. Mackie, and John P. Perrine, Western Pacific Bldg., Los Angeles, architects.

Preparing Working Drawings.

SCHOOL, ETC. Cost, $——
NEWMAN, Stanislaus Co., Calif.
One - story frame and stucco school shop building.
Owner—Newman High School District.
Architect—O. N. Hilburn, 1213 I St., Modesto.

Plans To Be Prepared.

IMPROVE SCHOOL Cost, $——
LONE PINE, Inyo Co., Calif.
Alterations & additions to high school (work includes additional classrooms, auditorium with stage etc.)
Owner — Owens Valley Union High School District.
Architect—A. C. Zimmerman, 356 So. Spring St., Los Angeles.
Members of the board include: L. J. Wiltfang, chairman; Mrs. Amelia Johnson; Mrs. Kate Spainhower; Mrs John Lubken, clerk, and C. O. Best.

Commissioned To Prepare Plans.

SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. B and Woodland Ave. (165x500 ft.)
Construct new grammar school.
Owner—San Rafael Board of Education.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Bond issue in the amount of $50,000 will be voted on April 8.

LOW BIDDER.

VAN NUYS, Los Angeles Co., Cal.—G. F. Campbell Building Co. and Chas. P. Kelly, 340 Byrne Bldg., submitted low bid at $86,875 to the Los Angeles board of education for erection of two one-story, frame and stucco school buildings at the Van Nuys elementary school, 6464 Sylmar Ave., Van Nuys. Gilbert S. Underwood, 408 S. Spring St., Los Angeles, architect.

Plans Being Completed.

HIGH SCHOOL Cost, $45,000
PROSSER, Washington.
Alterations and additions to high School (remove 3rd floor, 4 new classrooms, physical education room, etc.)
Owner—Prosser School District.
Architect — John Maloney, Larson Bldg., Yakima, Wash.
Labor will be furnished by the SERA. Materials to be purchased by the school district.

Contract Awarded.

ALTER STORE Cost, $50,000
SAN JOSE, Santa Clara Co., Cal. NE First and San Antonio Sts.
Alterations to drug store (soda fountain, kitchen, booths; exterior finished in white metal, black glass base, shelving, terrazzo, etc.
Owner—Walgren Drug Company.
Plans by Engineering Dept. of Owner.

Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Commissioned To Prepare Plans.
IMPROVE SCHOOLS Cost, $——
MONTEREY, Monterey Co., Cal.
Improvements and reconstruction of high school buildings to comply with state earthquake ordinance.
Owner—Monterey Union High School District.
Architect—Robert Stanton, Carmel.
Structural Engineer——Richard Ware, Central Bldg., Pasadena.
Between $50,000 and $100,000 will be expended for the necessary improvements and Federal aid will be asked.

Plans Being Completed.
CAFETERIA Cost, $10,000
CROCKETT, Contra Costa Co., Cal.
One-story frame and stucco cafeteria (tar and gravel roof, etc.)
Owner—Carquinez School District.
Engineers——Henry D. Dewell and Austin W. Earl, 55 New Montgomery St., San Francisco.
Plans will be forwarded to Sacramento for approval within a week or two.

Low Bidder.
SCIENCE BLDG. Cost, $56,000
WASCO, Kern Co., Cal. High School Grounds.
One-story reinforced concrete science bldg. (to contain classrooms, laboratories, assembly hall) reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors, tile toilet room floors,, heating plant, etc.
Owner — Wasco Union High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Low Bidder — Opperman & Kampe, Box 114, Station A, Bakersfield.

CONTRACTS AWARDED
LOS ANGELES, Cal.—Contracting Engineers, Inc., 2310½ W. Vernon Ave., awarded contract at $49,042 by Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the main building at the Twenty fourth Street School, 2055 W. 24th St. Kemper Nomland, 615 Architects' Bldg., architect, and Clyde C. Deuel, 405 Douglas Bldg., structural engineer, & Henry Paul Schoeller, engineer, Palmdale.

16— BANKS, STORES AND OFFICES

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
PALO ALTO, Santa Clara Co., Cal. No. 559-561 Alma Street.
Alterations to store building.
Owner—H. E. Pratt, Premises.
Architect—Not Given.

Plans Being Prepared.
ALTER STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. NW Ninth and K Streets.
Alterations and additions to store building (123x166 feet), work involves air conditioning, facing exterior with terra cotta, marquee on Ninth and K Sts. elevaton, lighting fixtures, new show windows, etc.
Owner—Hale Bros., 5th and Market St., San Francisco.
Architect—W. E. Coffman, California State Life Bldg., Sacramento.
As previously reported, floor covering contract awarded to Armstrong Cork Co., 180 New Montgomery St., San Francisco.

Planned.
CONCESSION BLDG. Cost, $——
SANTA CRUZ, Santa Cruz Co., Calif. Facing the Esplanade between the Municipal Wharf and Casino.
Construct new concession building (12 stores & concession spaces; dance hall, etc.)
Owner—Val C. Waterman and George Goebel, 406 River St., Santa Cruz.
Architect—Not Given.
Contractor—Walter Reed, 25 Arbor Ave., Santa Cruz (probable contractor).

BIDS OPENED
OAKLAND, Alameda Co., Cal.—Albertson-McCormick Sprinkler Co., Ltd., 865 Mission St., San Francisco, at $5200 submitted low bid to the East Bay Municipal Utility District, Oakland, John H. Kimball, Secretary, under Proposal No. L.S. 139, for furnishing and installing complete with all accessories, an automatic fire sprinkler system at the main building located at 512 16th St., Oakland. Complete bids follow:
Albertson-McCormick Sprinkler Co., Ltd., San Francisco, $5200.
Grinnell Co. of the Pacific, San Francisco, $5300.
Rockwood Sprinkler Co., San Francisco, $5425.
George M. Robinson & Co., San Francisco, $5600.
Bids held under advisement.

Contract Awarded.
STORES Cost, $8000
SUNNYVALE, Santa Clara Co., Cal.
One-story concrete store and living quarters.
Owner—Chris and Maria Gimenez, Sunnyvale.
Architect—Not Given.
Contractor—Zabellos Bros., 914 Soto Street, Hayward.

Contract Awarded.
ADDITION Cost, $2,000
PALO ALTO, Santa Clara Co., Calif. 638 Salvatierra Street.
One-room and bath addition to bldg
Owner—Bernard Francis Haley, premises.
Architect—Not Given.
Contractor—Ralph C. Knight, 595 Bailey Ave., Palo Alto.

March 1, 1935

Bids Opened.
MARKET Cost, $8000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete market building (63x120 ft.) steel trusses, composition roofing, concrete and wood floors, etc.
Owner—Tuttle Estate.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Low Bidder—T. H. Rosewall, 422 3rd St., Watsonville.
Complete bids follow:

T. H. Rosewall	$ 9,943
A. L. Short	9,987
Friend & Resh	10,128
Timothy & Hunter	10,153
Knight & Bernardo	10,254
P. T. Wallstrom	11,249

All bidders of Watsonville.
Bids held under advisement.

Contract Awarded.
STORE Cost, $6,000
FRESNO, Fresno Co., Calif. Fresno and A Streets.
One-story store building.
Owner—Piccolo & Contino.
Architect—Not Given.
Contractor—Harry P. Nelson, 822 So. Fifth St., Fresno.

PLANS BEING FIGURED.
LOS ANGELES, Calif. — Architects John and Donald B. Parkinson, 808 Title Insurance Bldg., have prepared plans and are taking bids for strengthening the floors of the five-story, Class A building on the southwest corner of Seventh St. and Santa Fe Ave., for the Ford Motor Co. The floors of the building, which is a reinforced concrete structure, will be strengthened with a combination of reinforcing and gunite. The work will include welding, concrete cutting, plastering, tile work, painting and terra cotta partitions.

Contract Awarded.
MARKET Cost, $10,000
SANTA ROSA, Sonoma Co., Cal. Mendocino Avenue.
Drive-in market (100x50 feet); tile roof, black tiling, glass, etc., Spanish style.
Owner—Safeway Stores.
Plans by Engineering Dept. of Owner.
Contractor — A. M. Hildebrandt, Healdsburg Highway, Santa Rosa

Bid Opening Date Postponed Until March 11th.
BANK BUILDING Cost, $——
SANTA BARBARA, Santa Barbara Co., Calif. NE State Street and Canon Presidio.
One - story, basement and mezzanine floor reinforced concrete bank bldg. (62x125 ft.) limestone, terra cotta and granite exterior, tile and composition roof; metal windows, hot air gas furnaces; marble or terrazzo floors, bronze and marble counter screens, some linoleum and rubber tile floors, bank fixtures, etc.
Owner—Bank of America.
Plans by Architectural Dept. of Owner, 625 Market St., San Francisco.
Bids are being taken for a general contract with separate bids for bank fixtures, exterior facing and heating and ventilating system.
Following have procured plans:
Larsen and Larsen, 629 Bryant St., San Francisco.
H. H. Larsen, 64 South Park, San Francisco.
Fisher & McNulty, Mattie Building, Fresno.

Sub-Contracts Awarded.
STORE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Third Street.
One-story reinforced concrete store building (2 stores) 50x70 ft.; composition and tile roof, oak floors.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Francis Lloyd, 360 Pine St. San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.
Plumbing—Morrison & Blair, 415 Villa Terrace, San Mateo.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco.
As previously reported, mill work awarded to Sunset Lumber Co., 400 High St., Oakland; excavation and concrete to Louis Sartorio, 2627 Lombard St., San Francisco.

Electrical Contract Awarded.
ALTER STORE Cost, $50,000
SAN JOSE, Santa Clara Co., Cal. NE First and San Antonio Streets.
Alterations to drug store (soda fountain, kitchen, booths; exterior finished in white metal, black glass base, shelving, terrazzo, etc.
Owner—Walgren Drug Company.
Plans by Engineering Dept. of Owner.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.
Electrical Work—Guilbert Bros., 286 W. Santa Clara St., San Jose, $2,184.

Bids Opened.
OFFICE BLDG. Cost, $——
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One - story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder — Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Complete bids follow:

Louis Halvorsen, Santa Rosa	$7,434
Clyde Hansen, Santa Rosa	8,494
W. L. Proctor, Santa Rosa	8,656
Wm. Rapp, Santa Rosa	8,830
Al Hermann, Penngrove	9,830

Bids held under advisement.

Contract Awarded.
ALTERATIONS Cost, $1000
OAKLAND, Alameda Co., Cal. No. 7101 E-14th Street.
Alterations to building.
Owner—Sam Scontriano, Premises.
Architect—Not Given.
Contractor—T. J. Anstey, 1622 E-12th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO, 32 Third Street.
Alterations to restaurant.
Owner—T. J. Kane, 34 Third Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded.
ALTERATIONS Cost, $2,021
SAN FRANCISCO, SE Turk & Franklin Streets.
Alterations to store building.
Owner—Louise C. Hetty, 1700 Tenth Avenue.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

CONTRACT AWARDED
OAKLAND, Alameda Co., Cal.—Albertson-McCormick Sprinkler Co. Ltd. 865 Mission St., San Francisco, at $5200 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. L.S. 139, for furnishing and installing complete with all accessories, an automatic fire sprinkler system at the main building located at 512 16th Street, Oakland.

Bids Opened.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 251 Post St.
Alterations and repair to building.
Owner—The Misses Barbara and May Bridges and Mrs. Marjorie Bridge Farquhar.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Low Bidder—Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Complete bids follow:

Dinwiddie Constr. Co.	$14,799
Jacks & Irvine	15,577
Barrett & Hilp	15,900
D. L. Bienfield	16,447
Lindgren & Swinerton	16,800
Harry J. Oser	17,475
Cahill Bros.	18,100

Bids held under advisement.

Construction Started.
OFFICE & SALESROOM Cost, $——
WOODLAND, Yolo Co., Cal. W. Main Street.
One-story corrugated iron frame and stucco office and salesroom bldg. (4500 sq. ft. floor space).
Owner—Midland Tractor Co.
Plans by Engineering Dept. of Owner.
Contractor—E. L. Younger, 925 Main St., Woodland.

To Be Done By Day's Work.
ALTER STORES Cost, $1500
SAN FRANCISCO, 2428-30-32 Mission Street.
Alterations to stores.
Owner—Alexander Munro, 2400 Mission Street.
Architect—Not Given.

Sub-Contracts Awarded.
ALTER BLDG. Cont. Price, $6999
SACRAMENTO, Sacramento Co., Cal. No. 1310 K Street.
Alterations to two-story frame building (buffet and restaurant on first floor, apartments on second floor)
Owner — Marion Babich, 2208 Third St., Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—J. Johnson, 1923 17th St., Sacramento.
Roofing—F. Clark, Fruitridge, Sacramento.
Plumbing—J. Petralli, 2417 Sloat St., Sacramento.
Electric Wiring—Reliable Elec. Works 7th and M Sts., Sacramento.
Sheet Metal—McLaughlin Sheet Metal Works, 1910 I St., Sacramento.
Tile Work—H. O. Adams, 913 26th St., Sacramento.
Glass—W. P. Fuller & Co., 12th and J Sts., Sacramento.
Iron Grille Work—Palm Iron Works, 1501 S St., Sacramento.
Brick and Stone Work—H. Johnson, 818 26th St., Sacramento.
Painting—E. Sprague, 2206 H Street, Sacramento.
Finish Materials—Sierra Mill Co., 3rd and V Sts., Sacramento.
Foundations — Anglo & Frank, 29th and L Sts., Sacramento.

Contract Awarded.
ALTERATIONS.... Cost, $2500
SAN JOSE, Santa Clara Co., Cal. No. 1721 Park Avenue.
Owner—W. O. Campbell, Premises.
Architect—Not Given.
Contractor—Frank Neves, 891 Harrison St., Santa Clara.

17— THEATRES

Contract Awarded.
ALTER THEATRE Cost, $70,000
EVERETT, Wash. 2920 Colby Street.
Alterations to theatre (work involves painting, decorating, lighting fixtures, seating, carpets, draperies, projection equipment, etc.)
Owner—The Studio Co., C. W. Hamrick, Manager.
Architect—Bjarne H. Moe, 2318 Second Ave., Seattle.
Mgr. of Const.—C. W. Hamrick, 2920 Colby St., Everett.
Premix Concrete—H. O. Seiffert Co., Hewitt Ave. near Smith, Everett.
Equipment—B. F. Shearer Co., 2318 Second Ave., Seattle.
Bids are now being received by Mr. Hamrick on wiring, plumbing, heating, ventilating, sheet metal and mill work.

18— WHARVES & DOCKS

Plans Awaiting PWA Approval.
YACHT HARBOR Cost, $360,000
SAUSALITO, Marin Co., Calif.
Yacht harbor.
Owner—Golden Gate Yacht Harbor, Ltd. (Albert von der Werth, president), 800 Mills Bldg., San Francisco.
Architect—Willis Polk Co., 277 Pine Street, San Francisco.
Upon approval of plans by the PWA bids will be asked.

BIDS OPENED.
BENICIA, Solano Co., Calif.—Duncanson-Harrelson Co., deYoung Bldg., San Francisco, at $1,525 submitted the low bid to Commanding Officer, Benicia Arsenal, Benicia, for constructing repairs to the Benecia Arsenal Wharf. The work includes replacing six fender piles and one mooring pile, installing 13 new hardwood chafing strips; removing all untreated timber in the sub-structure of the wharf and replacing same, etc.
Complete bids follow

Duncan-Harrelson Co., S. F.	$1,525
Healy-Tibbitts Const. Co., S. F.	1,647
C. A. Lauritzen, Antioch	1,674
A. W. Kitchen, S. F.	1,874
M. B. McGowan, S. F.	2,310

Bids held under advisement

March 6, 1935

Revised Plans Submitted To PWA For Approval.
EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Upon approval of plans bids will be asked.

19—MISC. CONSTRUCTION

BIDS OPENED.
BOULDER CANYON, Nev.—Otis Elevator Co., 1 Beach St., San Francisco at $95,577 for Items 1 and 3, based on Goverment bill of lading, and at $101,-934 for Items 2 and 4, based on Commercial bill of lading, submitted low bids to the Bureau of Reclamation, Denver, Colo., February 25, under Spec. No. 612, for furnishing and installing two 4000-lb. capacity and two 5000-lb. capacity automatic electrically-operated passenger elevators, with total lifts of 117.5 feet and 528.33 feet respectively, in the Boulder Dam and Power Plant, Boulder Canyon Project.
Complete bids follow:
Otis Elevator Co., San Francisco: Items 1 and 3, $95,577; 2 and 4, $101,-934.
Westinghouse Electric Elevator Co., Chicago: Items 1 and 3, $109,294; 2 and 4, $120,729.
Haughton Elevator & Machine Co., Toledo, Ohio: Items 1 and 3, $110,338; 2 and 4, $116,328.

Bids held under advisement.

March 1, 1935

Construction Under Way.
IMPROVE AIRPORT Cost, $——
ALAMEDA, Alameda Co., Calif. Alameda Airport.
Extension and improvements to airport (raise hangar, steel work, radio equipment, roads, etc.)
Owner—Pan - American Airways (Mr. Grootch in charge) Saint Francis Hotel, San Francisco.
Engineer—F. McKenzie, Alameda Airport, Alameda.
Road Work—J. Catucci, 1212 18th Ave. Oakland (work completed).
Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Timber Ramp—Duncanson-Harrelson Co., deYoung Bldg., San Francisco
Estimated cost of first unit is $30,-000. Other construction work will be done at a later date.

To Be Done By Day's Work.
COMFORT STATION Cost, $——
SANTA ROSA, Sonoma Co., Calif. Howard Memorial Playground.
One-story concrete comfort station (wood shingle roof).
Owner—Howard Memorial Playground Association.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

CONTRACTS AWARDED

MODESTO, Stanislaus Co., Cal.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $5886 awarded contract by Modesto Irrigation District, C. S. Abbott, Secretary, on Item 4, for the labor, installation and construction of a second circuit on the present towers of the Modesto-Don Pedro Electric Transmission Line, located between Modesto and Don Pedro. Complete bids published February 15.

Other contracts awarded for materials to be used in the construction of the transmission line are:

C. H. Carter for furnishing 192,000 lbs. bare copper wire.

Westinghouse Electric & Mfg. Co. for 5000 suspension insulators, 966 suspension insulator hooks, 828 suspension insulator clamps, and 138 dead end clamps.

Kelman Electric Co. for one three-pole 69 K.V. oil circuit breaker.

CONTRACT AWARDED.

LOS ANGELES, Cal.—York Ice Machinery Corp., 5051 Santa Fe Blvd., Los Angeles, at $3,999 awarded contract by Veterans' Administration Facility for providing and installing ice cream making plant at the Veterans' Administartion Facility, Los Angeles. Complete bids published Feb. 22, 1935.

PLANNED.

BELLINGHAM, Wash.—The Draper VALLEY Distributors of New York are contemplating erection of a model poultry ranch at Bellingham. A forty-acre site north of the city has been purchased.

Construction Started.

COTTON GIN Cost, $35,000

FRESNO, Fresno Co., Calif. Floyd Station, 10 miles west of Fresno.

Sheet iron cotton gin (ginning machinery, etc.)

Owner—Producers Cotton Oil Co. (S. R. Pratt, president) Highway and North St., Fresno.

Plans by Engineering Dept. of Owner. Work is under way under the owner's supervision.

Planned.

POOL Cost, $——

ETNA, Siskiyou Co., Calif.

Swimming pool (40x80 feet).

Owner—City of Etna.

Architect—Not Given.

Donations to finance the project are being solicited by Boyd Naylor of Etna.

QUOTATIONS BEING RECEIVED

SAN FRANCISCO — The Board of Directors of the Golden Gate Bridge, 111 Sutter St., San Francisco, is receiving competitive quotations from Barrett & Hilp, 918 Harrison St., and Eaton & Smith, 715 Ocean Ave., for removal and replacement of several buildings and relocating others, replacing power lines, roadwork, etc., at the Presidio of San Francisco.

TO SEEK FUNDS

SAN BERNARDINO, Cal.—San Bernardino city council will apply to the SERA for funds with which to finance labor costs of a proposed municipal airport to be constructed in San Bernardino. Improvements will include two runways with oil-mix surfaces, hangars, office and shop buildings, fencing and lighting facilities.

Preparing Working Drawings.

LIVESTOCK BLDG. $695,000 1st unit

SAN MATEO COUNTY, Cal. Visitacian Valley. South McLaren Park 54 acre tract).

One-story reinforced concrete livestock building (steel trusses) 1st unit consists of main horse show stalls to accommodate animals, etc.)

Owner — San Francisco - San Mateo Agricultural District.

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

The total cost of the proposed building is $1,500,000. The second unit will consist of the grand stand to seat 15,000 etc.

Plans will be completed in about sixty days.

To Be Done By Day's Work.

RECONSTRUCT PRESSURE STILLS Cost, $400,000

RICHMOND, Contra Costa Co., Cal.

Reconstruction of pressure stills at refinery.

Owner—Standard Oil Co., 225 Bush St., San Francisco (R. G. Follis, in charge).

Plans by Engineering Dept. of Owner. Construction will start in about two weeks by owner's own forces. Some materials will be purchased.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

FORT PECK, Montana.—McClintic-Marshall Corp., Bethlehem, Pa., at $22,963.42 including government freight submitted low bid to the U. S. Engineer Office, Kansas City, Mo., Feb. 21, for furnishing 280 28-in. I.D. Land Pipes, ½-in. thick, and 560 28-inch Land Pipe Connecting Links for the Fort Peck Dredges.

Complete bids follow:

McClintic-Marshall Corp., Bethlehem Pa.; shipping point, Leetsdale, Pa., $22,963.42.

Taylor Forge & Pipe Works, Chicago; shipping point, Chicago; $23,207.63.

Babcock & Wilcox Co., Denver, Colo. shipping point, Barberton, Ohio; $23,312.18.

Crane Co., Kansas City, Mo.; shipping point, McKeesport, Pa. $23,694.39.

Steel Tank & Pipe Co. of Calif., Portland, Ore., shipping point, Portland; $27,672.18.

Treadwell Const. Co., Midland, Pa., shipping point, Midland, $27,891.42.

Alco Products, Inc., New York City, shipping point, Dunkirk, N. Y., $28,229.49.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Crane Co., 321 East 3rd St., awarded contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, at $3394.75 for furnishing standard lap-welded black steel pipe, f.o.b. Banning, Calif., under Bid No. 33200. The other bids were: California Pipe & Supply Co., $3479.68; Keenan Pipe & Supply Co., $3394.78; Petroleum Equipment Co., $3394.75; Tunnell Wood & Neilan, Inc., $3394.75; Pacific Southwest Pipe Co., $3394.75; Pennsylvania Iron & Steel Co., $3394.75; Ducommune Corp., $3394.75; Kelly Pipe Co., $3394.75; Grinnell Co. of the Pacific, $3394.75; Smith Booth Usher Co., $3394.75; Mell O. Haldeman Corp., $3394.75; Hickey Pipe & Supply Co., $3395.75.

BIDS OPENED

LOS ANGELES, Cal.——The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, Feb. 28, for furnishing 18 only metal enclosed, indoor switch gear units under Specification No. 1613. The items were:

(A) f.o.b. bidder's shipping point;

(B) f.o.b. cars power spur No. 1, A. T. & S. F. Ry., Los Angeles.

The bidders were:

(1) General Electric Co. — Shipping point Philadelphia, Pa. Terms net.

(2) Conduit Electric Mfg. Corp.—Shipping point Boston, Mass., and Hyde Park, Mass. Terms net.

(3) Delta Star Elec. Co. — Shipping point, Chicago, Ill. Terms net.

(4) Kierman Elec. & Mfg. Co.—Shipping point 1650 Naud St., Los Angeles. Terms net.

(5) Square D Co., Inc.—Shipping point Los Angeles. Discount, 2% 30 days.

(6) Westinghouse Elec. & Mfg. Co.—Shipping point East Pittsburg, Pa., or Los Angeles. Terms net.

(7) Westinghouse Elec. & Mfg. Co. (alternate bid) (47 breakers less $2400) — Shipping point East Pittsburgh, Pa., or Los Angeles. Terms net.

The bids were:

	(A)	(B)
(1)	$ 8,500.00	$ 9,000.00
(2)	7,400.00	8,200.00
(3)	6,920.00	7,500.00
(4)	10,440.00	10,440.00
(5)	5,598.00	5,598.00
(6)	13,450.00	13,950.00
(7)	8,325.00	8,825.00

BIDS OPENED.

BEVERLY HILLS, Los Angeles Co., Calif.—Bids for furnishing one deep well turbine pump for the city water department were opened by the Beverly Hills city council February 27. The bids, which were referred to the city attorney and consulting engineers were:

Bidders follow:

(A) Pomona Pump Company.

(B) Peerless Pump Company.

(C) Layne & Bowler Corp.

(D) Byron-Jackson Co.

(E) Victor Equipment Co.

(F) Submersible Motorpump Co.

(G) Wintroath Pumps, Ltd.

UNIT A

(1) capacity gpm;

(2) net price delivered;

(3) installing;

(4) electric material;

(5) extra column 10 ft.

(A)	700	$1,945.90	$98.40	$145 00	$44.25
	800	1,798.60	90.40	145.00	44.25
	850	1,909.60	111.20	145.00	44.25
	900	1,999.60	111.20	145.00	50.25
(B)	700	1,931.20	98.40	104.16	44.25
	800	1,780.15	90.40	104.16	44.25
	850	1,891.15	111.20	104.16	44.25
	900	1,981.15	111.20	104.16	50.25
(C)	700	2,519.55	92.25	120.00	50.00
	800	2,084.61	105.00	120.00	50.00
	850	2,196.20	105.00	204.00	56.00
	900	2,295.70	105.00	204.00	56.00
(D)	700	1,981.94	92.25	121.98	45.36
	800	1,825.88	84.75	121.98	45.36
	850	1,939.67	104.25	121.95	45.36
	900	2,031.90	104.25	121.98	51.51
(F)	700	1,931.20	123.00	174.00	44.25
	800	1,770.15	113.00	174.00	44.25
	850	1,890.40	139.00	174.00	44.25
	900	1,981.15	139.00	174.00	50.25
(G)	700	1,944.80	99.09	171.20	59.00
	800	1,793.50	91.01	171.27	59.00
	850	1,905.34	112.03	171.27	59.00
	900	1,996.02	112.03	171.27	59.00

UNIT B

	Capacity	Net Price C.I. bowls	Installing Bronze bowls	
(A)	600	$432.80	$716.80	$100.00
	700	432.80	716.80	110.40
	800	432.80	716 80	110.40
(B)	600	432.80	716.80	75.00
	700	432.80	716.80	75.00
	800	443.20	727.20	75.00
(C)	600	564.70	941.70	110.40
	700	564.70	941.70	110.40
	800	654.90	1090.00	110.40
(D)	600	591 22	1007.12	107.20
	700	451.82	763.42	110.40
	800	409.18	675.68	110.40
(E)	600	510.52	830.32	100.00
	700	473.62	764.72	110.40
	800	510.52	830.32	110.40
(F)	600	No bid		
(G)	600	540.80	908.80	110.40
	700	540.80	908.80	110.40
	800	443.20	727.20	110.40

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

LOS ANGELES CITY

LOS ANGELES, Cal. Until Mar. 18 2 P. M., bids will be received by D. P. Nickin, Purchasing Agent, Los Angeles Water & Power Bureau, Rm 740, 207 S. Broadway, for furnishing two only used mine hoists under Spec. No. 1637, as follows:

(1) for 2 only electrically driven mine hoists:
(a) fob cars bidder's shipping point;
(b) fob Lone Pine.
(2) for 1 only electrically driven mine hoist:
(a) fob cars bidder's shipping point;
(b) fob Lone Pine.

Specifications obtainable from above office.

RECLAMATION BUREAU

GRAND COULEE DAM, Washington—Until March 21, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 667-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Almira, Washington, thirty-five 30-gal. and one 120-gal. electric storage water heaters and thirty 3000 watt, side-arm, circulating-type, electric water heaters for the residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project.

All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 25c not returnable.

BOULDER CITY, Nevada — Until Mar. 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 666-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Boulder City, Nevada, one electric water heater with tank and motor-driven circulating pump; two 30-gal. and one 120-gal. electric storage water heaters; seven electric water coolers (3 gal. pr hr. capacity) and four electric water coolers (6.5 gal. per hour capacity) for installation in the Boulder Power Plant, Boulder Canyon Project.

All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 50c not returnable.

DENVER, Colo.—Until March 11, 2:00 P. M., bids will be received by A. McD. Brooks, Purchasing Agent, Bureau of Reclamation, Customhouse, Denver, for furnishing fob cars shipping point and/or cars destination at Rye Patch, Nev. (Sch. No. 1) and Ogden, Utah (Sch. No. 2) interlocking and sheet steel piling, as follows:

SCHEDULE NO. 1

(1) 250 tons new straight, interlocking sheet piling in lengths as ordered not exceeding 40 ft.;

SCHEDULE NO. 2

(2) 5 pcs. new steel sheet piling, 20 ft. long;
(3) 5 pcs. do, 25 ft. long;
(4) 6 pcs. do, 30 ft. long;
(5) 162 pcs. do, 35 ft. long;
(6) 18 pcs. do, 40 ft. long;
(7) 18 pcs. do, 45 ft. long.

Bid No. 20,383-A. Specifications obtainable from the above office.

BOULDER CITY, Nev.—Until Mar. 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 668-D, for furnishing and delivering fob cars at the factory shipping point or at Boulder City, two 120-cell and one 60-cell storage batteries, for installation in the Boulder Power Plant, Boulder Canyon Project.

All apparatus will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25 not returnable.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until March 11, 2 P. M., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2094, for furnishing 36 sets of steel arrows or surveying pins, extra heavy ¼-in. diameter, 14-inches long.

Delivery fob Government Island.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until March 15, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2130, for furnishing:

(1) 300,000 gals. first grade gasoline.
(2) 5000 gals. engine oils, Class D, VY-0-496,SEA, 20 to 40.
(3) 1000 jobs draining crank cases.
(4) 1500 jobs, lubrication.
(5) 1000 jobs lubrication (not chassis)
(6) 500 jobs lubricants.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

MARCH 8, 2 P. M.

BID NO. 2140: Fob bidder's shipping point and/or Los Angeles: 144 ft. CMP culvert;

BID NO. 2139: Fob bidder's shipping point and/or Los Angeles: 2,000 ft. CMP culvert.

MARCH 11, 2 P. M.

BID NO. 2129: Fob bidder's shipping point and/or Government Island: Replacement parts for gasoline lanterns;

BID NO. 2136: Fob bidder's shipping point and/or Portland, Ore.: (1) 286 sheaths for 3½ No. D B Western pattern axes; (2) 490 sheaths for Pulaski tools;

BID NO. 2126: Fob bidder's shipping point and/or San Diego: one portable welding generator, 300 amp., 40 volt;

BID NO. 2132: Fob bidder's shipping point and/or Government Island: Replacement parts for Coleman lanterns.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

GLASSES, water gauges 344, San Diego and Puget Sound, 660, San Diego, 299, Puget Sound, 230 Mare Island Sch 4383, March 12

BRUSHES, flowing, lettering, varnish and platers', East and West Yards Sch 4402; March 12.

FORGINGS, corrosion resisting steel, East and West Yards. Sch. 4430, March 15.

EQUIPMENT, bus transfer equipment and spares; East and West Yards Sch. 4434; March 15.

CYLINDERS, leaded nickel bronze cylinders and spares; East and West Yards. Sch. 4443; March 15.

TRAPS, cast steel traps and spare combination orifices and tubes, East and West Yards. Sch. 4441; March 19.

FILLERS, 112 1-qt. oil fillers, Mare Island and Puget Sound; 2,200 oilers, East Yards. Sch. 4455; March 19.

OARS, approx. 600 straight ash oars; East and West Yards. Sch. 4454; March 19.

MACHINES, 3 electrically operated meat chopping machines & sares; Mare Island. Sch. 4448; March 19.

BLADES, 26,504 dozen hacksaw blades, Mare Island. Sch. 4458; March 22.

RANGES, 10 oil-burning ranges and spares; Mare Island. Sch. 4446; March 22.

LUMBER, 100,000 ft. b.m. teak; East or West Yard. Sch. 4459; April 16.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1339, for furnishing 100,000 l.f. of ¾-in. standard wrought steel galvanized water pipe.

Specifications obtainable from above office.

SAN FRANCISCO.—Until March 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1342, for furnishing steel manganese track crossings for the Municipal Railway.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until March 12, 10:00 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing structural steel I-beam ribs with appurtenant splice plates, base plates, bolts and nuts, for support for 10-ft. diameter tunnel. Specifications No. M-2040. Bid No. 33348. Certified or cashier's check. $500. Julian Hinds, Assistant Chief Engineer.

WAR DEPARTMENT

FORT MASON, Cal.—Until March 11 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. QM 671-72-35, Memo 5971, and Req. No. QM 928-4036-35, Memo 5983, for furnishing:

(1) 200 10-gal. milk cans;
(2) 8 fender logs, for piling protection 40-ft. long, No. 1 Douglas fir, 30-diameter.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

PREPARING SPECIFICATIONS.

OGDEN, Utah.—The Bureau of Reclamation, Denver, Colo., is preparing preliminary plans and specifications for a steel siphon for the water collecting system; trash rack metal work, lifting device, rake and derrick crane; for the Ogden-Brigham Canal structures, Ogden Canyon pipe line, of the Ogden River Project, Utah.

BIDS WANTED.

SAN FRANCISCO.—Until March 11, 2 P. M., bids will be received by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 2nd T. Forster, Assistant General Pur- St., San Francisco, under Contract No. 518, for furnishing one 98-ft. structural steel truss span for Italian Bar Bridge.

Delivery fob bidder's shipping point.

Specifications obtainable from above office.

BIDS WANTED.

SAN FRANCISCO.—Until March 11, 2 P. M., bids will be received by Jas. chasing Agent, Forest Service, 85 2nd St., San Francisco, for furnishing two 27½-ft. structural steel beam spans for the Italian Bar Bridge.

Delivery fob bidder's shipping point.

Specifications obtainable from above office.

PROJECT APPROVED.

APTOS, Santa Cruz Co., Cal.—SERA has approved appropriation of $10,610 for the construction of the Valencia Creek Bridge at Aptos. County Engineer Lloyd Bowman will supervise the project, which will employ 30 laborers.

CONTRACT AWARDED.

ALAMEDA COUNTY, Calif. — MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $15,225 awarded contract by the Alameda County Board of Supervisors for placing steel sheet piling surrounding the Oakland and Alameda underwater pits of the Park St. bridge.

BIDS WANTED

LOS ANGELES, Cal.—Until March 20, 10, A. M., new bids will be received by Los Angeles Board of Public Works for constructing the San Fernando Road bridge over the Southern Pacific Company's tracts near Tunnel Station. The work involves:

(1) Alter existing structure;
(2) 843 cu. yds. Class F concrete;
(3) 100 cu. yds. Class G concrete;
(4) Reinf. steel (lump sum bid);
(5) Ornamental Concr. railing (lump sum bid);
(6) Grading, lump sum bid (51 cu. yds. cut);
(7) 131 tons asphaltic concrete base;
(8) 159 tons asphaltic concrete wearing surface;
(9) 32 sq. ft. oiled roadway;
(10) 115 lin. ft. heavy unplastered curb;
(11) 116 sq. ft. concrete gutter, 8-in. thick.

CONTRACT AWARDED.

LOS ANGELES COUNTY, Cal.—R. R. Bishop, 507 East Broadway, Long Beach, at $25,270 awarded contract by the State Highway Commission, Sacramento, for bridge construction in Los Angeles County, comprising the widening of a reinforced concrete bridge across Malibu Creek, approximately 10 miles northwest of Santa Monica, consisting of seventeen 31-ft. 6-inch spans on concrete bents and abutments.

BIDS WANTED.

IMPERIAL COUNTY, Calif. — Until March 12, 2 P. M., bids will be received by the Department of Public Works Division of Highways, at the office of the District Engineer, Union Building, San Diego, for constructing a bridge in Imperial County, 3.7 miles east of Brawley across Alamo river, consisting of eight 19-ft. timber trestle spans on pile bents, involving:

(1) 1 only detour bridge complete;
(2) 1 only existing bridge to be removed and disposed of;
(3) 1500 c.y. roadway excavation ,unclassified;
(4) 90 c.y. imported gravel (detour);
(5) 7 tons fuel oil (detour);
(6) 119 tons curshed gravel or stone (bit. treated surfacing);
(7) 6 tons cut-back asphalt (bituminous treated surfacing);
(8) 1815 ft. furnishing treated Douglas fir piles, including test piles;
(9) 49 each, driving do;
(10) 60 M. ft. b.m. redwood timber, dense select, all-heart structural grade;
(11) 17 M. ft. b.m. timber, select, all-heart structural grade;
(12) 18 l.f. 36-in. corru. metal pipe (close riveted and soldered);
(13) 1 only, concrete joint for corru. metal pipe culvert;
(14) 1 lot misc. items of work.

Plans and specifications obtainable from the above office.

BIDS WANTED.

RIVERSIDE COUNTY, Calif.—Until March 18, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. Q Sullivan, District Engineer, 247 Third St., San Bernardino, for the construction of a reinforced concrete girder bridge over San Gorgonio Wash, consisting of five 30-ft. spans, to be widened to provide a roadway 30-ft. wide, in Riverside County about three miles east of Banning.

Plans and specifications obtainable from the above office.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

PROJECT APPROVED

BAKERSFIELD, Kern Co., Cal.—SERA has approved a supplementary appropriation of $3024 for the continuation of the construction of a pedestrian underpass under U. S. Highway No. 99, Fremont School, Bakersfield. T. Leland of the Bakersfield School District, will supervise the project and will employ 31 laborers.

CONTRACT AWARDED

CLACKAMAS COUNTY, Oregon—Averill & Philpott, Portland, at $18,701 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for the construction of a concrete bridge over Milk Creek on the Cascade Secondary Highway at Mulino, Clackamas County. U.S.P.W. Project No. NRS 242.

The bid was $20,292 but the contractors are not required to handle traffic, so the bid was reduced to $18,701. Complete bids follow:

Averill & Philpott, Portland	$20,202
J. F. Johnston, Newberg	20,433
C. J. Montag & Sons, Portland	23,508
United Cont. Co., Portland	24,971

BIDS OPENED

WASCO COUNTY, Oregon—Kern & Kibbe, 42 S. E. Salmon St., Portland, at $9563 submitted low bid to Oregon State Highway Commission, Portland, February 28, for the construction of a concrete bridge over Mill Creek on the Columbia River in the City of The Dalles, Wasco County. U.S.P.W. Project No. NRM 36-C. Complete bids follow:

Kern & Kibbe, Portland	$ 9,563
Sig Ash, Portland	10,750
Averill & Philpott, Portland	10,856
United Cont. Co., Portland	10,987
W. W. McFarlane, Canby	11,366
Joplin & Eldon, Portland	12,322

All bids held under advisement.

BIDS WANTED.

RIVERSIDE COUNTY, Calif.—Until March 18, 2 P. M., as previously reported, bids will be received by the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, 247 Third Street, San Bernardino, for the construction of a reinforced concrete girder bridge over San Gorgonio Wash, consisting of five 30-ft. spans, to be widened to provide a roadway 30-ft. wide, in Riverside County about three miles east of Banning.

The work involves:

(1) 24 c.y. existing concrete removed and disposed of;
(2) 175 c.y. structure excavation;
(3) 130 c.y. Class A Portland cement concrete in place;
(4) 31,000 lbs. bar reinf. steel in place;
(5) 184 lbs. bronze expansion plates in place;
(6) 166 l.f. temporary timber guard rail.

Plans and specifications obtainable from above office.

LOW BIDDER.

DOUGLAS, Ariz.—Ed. Powell, Douglass, submitted the low bid to the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., Feb. 28, at $3775 on Item (1) and $3000 on Item (2) for furnishing all labor and materials and

performing all work for constructing a concrete bridge and approaches at the U. S. Inspection Station, Douglas, Executive Order No. 6646.

March 1, 1935

BIDS WANTED

LOS ANGELES, Cal.—Until March 20, 10 A. M., new bids will be received by Los Angeles Board of Public Works for constructing the Gaffey St. bridge across Summerland Avenue and the Gaffey St.-Elberon grade separation.

The work involves:
(1) Class F concrete (5029 cu. yds.),
(2) Class G concrete (100 cu yds.),
(3) Reinforcing steel, lump sum bid (795,000 lbs. reinf. steel);
(4) Creosoted timber piles, lump sum bid (265 lin. ft.);
(5) Reinforced concrete piles, lump sum bid;
(6) Reinforced concrete piles, lump sum bid (5504 lin. ft.) cast in place, alternate to item 5;
(a) price per lin. ft. deductions, precast piles;
(b) same cast in place piles;
(c) price per lin. ft. for additions precast piles;
(d) same cast in place piles;
(7) Ornamental concrete railing and pylons (953 lin. ft.);
(8) Ornamental iron railings, lump sum bid (56 lin. ft.);
(9) Electric conduit system, lump sum bid
(10) Lighting system, lump sum b'd (13 standards and one bracket light);
(11) Grading, lump sum bid (238 cu yds. and 1358 cu. yds. fill);
(12) Asphalt concrete base (820 tons);
(13) Asphaltic concrete wearing surface (543 tons);
(14) Sidewalks, 3-in. thick (7877 sq ft.);
(15) Sidewalk, 4-in. thick (50 sq. ft.);
(16) Special curb (213 lin. ft.);
(17) Integral curb and gutter, 6-in thick (523 lin. ft.);
(18) Integral curb and gutter, 8-in. thick (609 lin. ft.);
(19) Concrete gutter, 8-in. thick (23 sq. ft.);
(20) Storm drains, lump sum bid;
(21) Traffic markers, lump sum b'd.

CONTRACT AWARDED.

WASHINGTON COUNTY, Ore.—J. F. Johnston, Newberg, at $4,464 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for the construction of two culverts over Cedar Creek on the Votaw Unit of the West Side Pacific Highway, approximately five miles east from Newberg, in Washington County; U.S.P.W. Project No. NRH 73.

Complete bids follow:

J. F. Johnston, Newberg	$4,464
Louis Johnson, Portland	4,770
Sig Ash, Portland	4,964
Parker - Schram, Portland	5,030
Fred Ovesin, Vernonia	5,274
W. W. McFarlane, Canby	5,803
Harold Blake, Portland	6,350

CONTRACT AWARDED

UMATILLA COUNTY, Oregon—C. J. Montag & Sons, Worcester Bldg., Portland, at $42,080 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for the construction of a concrete bridge over Umatilla River on the Old Oregon Trail in Pendleton, Umatilla County. U.S.P.W. Project No. NRM 38-C. Complete bids follow:

C. J. Montag & Sons, Portland	$42,080
Hoffman Const. Co., Portland	43,072
Kuckenberg-Wittman, Portland	46,540
S. G. Morin, Spokane	46,970
Tom Lillebo, Reedsport	48,340
Geo. F. Price, Dayton, Wn.	49,080
Northwest Roads, Portland	52,080
Clifton & Applegate, Spokane	52,860

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED.

SAN FRANCISCO. — San Francisco Paving Co., 6565 Third St., at $744.00 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18840 for the removal of a landslide on Bay Shore Blvd. approximately 100 ft. north of Hester Ave., involving the removal of approximately 700 c.y. of material.

BIDS WANTED

SACRAMENTO, Cal.—Until March 6, 3:30 P. M., as previously reported, bids will be received by the Board of Trustees of the American River Flood Control District, C. H. Merry, Secretary, Room 410 State Bldg., Sacramento, for the construction of East Levee of Meister District.

The work involves approximately 16,400 cu. yds. of earth work.

A. M. Barton, Engineer. Joseph E. Spink, Assistant Engineer.

Plans and specifications obtainable at above office or at Room 926, Forum Bldg., Sacramento, upon deposit of $5.

PROJECT APPROVED.

SAN FRANCISCO.—SERA has approved appropriation of $11,325 for the excavation for addition to the Science Building at the State Teacher's College, San Francisco. Project will be supervised by the S. F. State Teacher's Construction Project Division, and will employ 46 laborers.

BIDS OPENED

SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Front, San Diego, submitted low bid to the Public Works Officer, Naval Operating Base, Eleventh Naval District, San Diego, Feb. 28, at $7657, for constructing fender piles and chocks for station pier at the Naval Operating Base (Air Station), San Diego. Specifications No. 7896. The engineer recommended that the contract be awarded to the low bidder. The other bids were:

M. H. Golden, San Diego, $7665.
V. R. Dennis Constr. Co., San Diego, $7895.
B. O. Larson, San Diego, $7997.

CONTRACT AWARDED.

MARTINEZ, Contra Costa Co., Cal. Duncanson - Harrelson, 1405 deYoung Building, San Francisco, at $45,017 awarded contract by the Martinez City Council for the construction of a new municipal yacht harbor, including approach trestle 850 feet in length; wharf 250x40 ft.; wood construction, cresoted piling, boat landing facilities, etc. Contract was signed Feb. 26. Work will get under way about the middle of March.

The award is based on the following items:

Item (1) $33,663.00, the following deductions having been made from the original bid of $37,612 for the work complete: Item 4, $600; Item 5, $120; Item 6, $1,394; Item 8, $560; a total deduction of $2,674.

The following negotiated deductions were made: electric hoist, $800; electric lights and poles, $360; water line and connections, $115; total $1,275.

Item (3) addition of $11,334 for navy targets, bring the total proposal to $45,017.

BIDS OPENED

FORT MASON, Cal.—Pacific Coast Dredging Co., 112 Market St., San Francisco, at $5580 submitted low bid to the Constructing Quartermaster, For Mason, under Bid No. 2-6616-35-10 for dredging approximately 25,000 cu. yds. of material in Slip No. 2 at Fort Mason. Complete bids follow:

Pacific Coast Dredging Co.	$ 5,580
Healy-Tibbitts Constr. Co.	8,977
M. B. McGowan, Inc.	15,000

Bids held under advisement

BIDS WANTED.

PORTLAND, Ore.—Until March 15, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. E. Williams District Engineer, under Bid No. 35-495, for dredging and rock removal to a depth of 25 feet below low water, in the Multnomah Channel, a waterway connecting the Willamette River at a point about 9 miles below Portland with the Columbia River, near the town of St. Helens, about 26 miles below Portland.

The work is divided into two sections as follows:

SECTION I: At the south end of the channel and extending from deep water in the Willamette River to near the Johnson Lumber Company's mill, a distance of about 6,800 feet, with a gross channel width of 250 feet.

SECTION II: At the north end of the channel and extending from point 200 feet upstream of the wharf of the St. Helens Pulp & Paper Co. downstream to deep water near its junction with the Columbia River, a distance of about 2,800 feet, with a gross channel width of 300 feet.

The work involves:
(1) 99,000 c.y. place measurement, dredging and disposing of sand and silt;
(2) 23,600 c.y. do, dredging and disposing of gravel and boulders;
(3) 200 c.y. do, removing and disposing of solid rock.

Specifications obtainable from above office.

CONTRACT AWARDED.

AVALON, California. — The Santa Catalina Island Co., Avalon, awarded contract by the City of Avalon, March 4 at $5658 for furnishing all labor, materials and equipment required to place in position on the City Municipal Wharf at Avalon, piling and timber in accordance with plans and specifications prepared by City Engineer A. R. Polleck.

The work involves:
(1) 19 bearing piles, total length 746 feet;
(2) 22 fender piles, total length 766 feet;
(3) 18 dolphins, total length 900 ft.;
(4) 52 old piles to be removed;
(5) New flooring and bracing.

Pan Pacific Piling & Const. Co. submitted the only other bid at $6318.

PERMIT ASKED.

LONG BEACH, Calif. — Application has been made by the Los Angeles and Salt Lake Railroad Co. (Union Pacific System) for War Department permit to lay submarine cable across Cerritos channel at a depth of 42 ft. below mean lower low water, parallel to and 85 ft. easterly of the center line of Badger Ave. bridge in Long Beach Harbor. Drawings showing the location and plan of the proposed installation may be seen in the office of the U. S. Engineer 751 S. Figueroa St., Los Angeles, until 11 A. M., Friday, March 8, 1935. Major H. H. Stickney, District Engineer.

BIDS OPENED

SACRAMENTO, Cal.—C. A. Baker, 620 El Camino Ave., North Sacramento, at $0.132 per cu. yd., total $2,164.80 submitted low bid to the Board of Trustees of the American River Flood Control District, C. H. Merry, Secretary, Sacramento, for the construction of East Levee of Meister District, involving approximately 16,400 cu. yds. of earth work. Complete bids follow:

C. A. Baker, North Sacramento.

$0.132 per cu. yd.; total $2164.80.

A. Teichert & Son, Inc., Sacramento, $0.14 per cu. yd.; total $2296.

23— IRRIGATION PROJ.

March 5, 1935

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until March 28, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 614, for the construction of structures, South Canal, Station 0 to Station 736, Succor Creek Division, Owyhee Project, Oregon-Idaho. The work is located near Adrian, Oregon, and Homedale, Idaho. The work involves:

(1) 32,600 cu. yds. all classes excavation for structures;
(2) 23,800 cu. yds. back fill;
(3) 3602 cu. yds. concrete;
(4) 370 sq. yds. dry-dock paving;
(5) 200 cu. yds. riprap;
(6) Placing 590,000 lbs. reinforcement bars;
(7) Laying 170 lin. ft. 4-in. diameter drainpipe;
(8) Erecting 3 M.F.B.M. of timber in structures;
(9) Installing 32,750 lbs. of gates and miscellaneous metal work.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, Oregon; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1.50 not returnable.

LOW BIDDERS.

FAIRFIELD, Mont.—T. G. Rowland, 1558 Yale Ave., Salt Lake City, at $50,-420 submitted low bid to the U. S. Bureau of Reclamation, Fairfield, Mont., February 28, under Spec. No. 611, for the construction of earthwork and structures for the open drains, Greenfields Division, Sun River Project, near Fairfield.

Tomlinson - Arkwright Const. Co., Great Falls, Mont., at $53,640 submitted second low bid, and Lease and Leigland, Great Falls, at $53,670 submitted third low bid.

25—MACHINERY AND EQUIPMENT

PREPARING SPECIFICATIONS

BOULDER CANYON, Nevada—The Bureau of Reclamation, Denver, Colo., is preparing plans and specifications for the following, for installation in the dam and appurtenant works of the Boulder Dam Power Plant: Intake tower revolving crane; bulkhead gate lifting beam; trash rack lifting beam; walkways and stairways for upper tunnels; tunnel ventilation system; 86-in. Paradox gates and 72-in. needle valves for downstream plug outlet works.

Specifications for equipment, etc., to be installed in the power plant at Boulder Dam, are being prepared on the following: Storage batteries; water heaters and coolers and flow meters; conduit installatons for control communcation and station service power and light; high voltage circuits from power plant to switchyard; electrical installation in hoist house at upper end of control tunnel; oil handling system, relay house and battery room for 287 kilovolt switchyard; windows: control board for water master's room; oscillographs for checking transmission line disturbances; machine tools; transformer car; turbine haudling crane; draft tube bulkhead gates and gantry crane.

Prelimnary detail specifications are also being prepared for generators, turbines and governors for two additional large units for the power plant, to serve the Metropolitan Water District.

BIDS OPENED.

GRAND COULEE DAM, Wash.—Lake Side Bridge & Steel Co., 403 Villard St., Milwaukee, Wis., at $23,-281 submitted low bid to the Bureau of Reclamation, Denver, Colo., Feb. 26, under Spec. No. 664-D, for furnishing and delivering fob cars at the factory shipping point or at Odair, Wash., one 75-ton gantry crane with one 15-ton auxiliary hoist for the storage yard at Grand Coulee Dam, Columbia Basin Project, Washington.

Judson-Pacific Co., San Francisco, at $26,700, and Alliance Machine Co., Alliance, Ohio, at $29,225 submitted second and third low bids, respectively.

CONTRACT AWARDED.

WASHOE COUNTY, Nevada.—H. C. Heidtman, 320 S. Virginia St., Reno, at $3,783 for a WEHR Motor Grader No. Q-8-250, 12-feet board, awarded contract by the Washoe County Board of County Commissioners, E. H. Beemer, county clerk, Reno.

It was previously reported that the Austin Western Road Machinery Co. has been awarded the contract at $3,-811.25 for a Junior Dual International No. 77 motor grader.

COMPLETE BID LISTING.

MARE ISLAND, Cal.—Orton Crane & Shovel Co., 608 S. Dearborn Street, Chicago, at $38,937 on Item (1) and at $38,787 on Item (2) as previously reported, submitted low bids to the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7857, for furnishing two 20-ton locomotive cranes for Mare Island Navy Yard.

Complete bids follow:

Orton Crane & Shovel Co., Chicago: Item (1) $38,937; Item (2) $38,787.

Ohio Locomotive Crane Co., Bucyrus ,Ohio: Item (2) only, $21,720 each; $43,440 for two. x

American Hoist & Derrick Co., St. Paul, Minn.: (1) $47,486; (2) $47,286.

Browning Crane & Shovel Co. Cleveland, Ohio: (1) $26,938 each; $53,876 for two; (2) $28,198 each; $56,396 for two.

Industrial Brownshoist Corp., Bay City, Mich.: (1) $61,700; (2) $59,370.

Bids held under advisement.

COMPLETE BID LISTING.

GRAND COULEE DAM, Washington.—The following are the complete bids received by the Bureau of Reclamation, Denver, Colo., February 26, under Spec. No. 664-D, for furnishing and delivering fob cars at the factory shipping point or at Odair, Wash., one 75-ton gantry crane with one 15-ton auxiliary hoist for the storage yard at Grand Coulee Dam, Columbia Basin Project, Wash.:

Lakeside Bridge & Steel Co., 403 Villard Street, Milwaukee ,Wis., fob Milwaukee, $23,281.

Judson-Pacific Co., fob San Francisco, $26,700.

Alliance Machine Co., fob Alliance, Ohio, $29,325.

Shepard-Niles Crane & Hoist Corp., fob Montour Falls, N. Y., $30,500; ½% discount.

Harnischfeger Sales Corp., fob Milwaukee, Wis., $31,765.

Whiting Corp., fob Harvey, Ill., $33-650; fob Odair, Wash., $36,900.

Shaw-Box Crane & Hoist Co., Inc. fob Muskegon, Mich., $40,462.

Bids held under advisement.

March 6, 1935

BIDS OPENED.

BOULDER City, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., February 25, under Spec. No. 663-D, for furnishing (1) one 10-in. lathe; (2) one 34-inch upright drill press; (3) one 10-inch pedestal grinder, for installation in the Boulder Power Plant, Boulder Canyon Project:

Hisey-Wolfe Machine Co., fob Boulder City: (3) $158; 2% discount.

Urquhart Service, fob Cincinnati, O., (2) $1,099; 1% discount.

Kemp Machinery Co.: (2) $924.50 fob Kokomo, Indiana; (2) $160.20 fob Cleveland.

South Bend Lathe Co., fob South Bend, Ind., (1) $611.10.

Mine & Smelter Supply Co., (1) $572.15 fob Cincinnati, terms net; (2) $1,101.64 fob Oakley, Calif., terms net, (3) $212.96 and $276.96 fob Boulder City, 2% discount.

Mine & Smelter Supply Co., fob Kalamazoo, Mich., (3) $230.90; 1% discount.

U. S. Electric Tool Co., fob Boulder City: (3) $182.18; 2% discount.

Hendrie & Bolthoff: (1) $474.90 fob Cincinnati, Ohio; (2) $1,076 fob Rockford, Ill.; (3) $191 fob Cincinnati.

Bids held under advisement.

CONTRACT AWARDED.

MADERA CO., Calif.—Bruno Skibo, 145 Lake St., Oakland, at $0.695 per hour submitted low bid and awarded contract by Bureau of Public Roads, 807 Sheldon Building, 461 Market St., San Francisco, for the rental of one two-cu. yd. dump truck for 300 to 500 hours. The truck is to be used on California Forest Highway No. 74, the North Fork National Forest Highway near Bass Lake, Madera County.

Complete bids follow:

	Per hr.
Bruno Skibo, Oakland	$0.695
H. E. Von Krusze, Monte Rio	.72
J. B. Maestreth, Oakland	.75
Hayward Bldg. Mtl. Co., Hayward	.85
Eugene Della Rosa, Martinez	.85
Hayward Bldg. Sup. Co. Hayward	.855
E. Barbettini, Oakland	.88
Rock & Gravel Truck Co. Oakland	.95

BIDS WANTED

PITTSBURG, Contra Costa Co., Cal.—The Shell Chemical Co., Box 875, Pittsburg, desires information and prices on belt conveying equipment and mechanical stackers for handling and storing 8000 tons of sacked material in 100 pound bags.

Address communications in care of Irving C. Roth, Mechanical Department.

CONTRACT AWARDED.

NEWPORT BEACH, Orange Co., Cal.—Byron-Jackson Co., 2150 E. Slauson Ave., Huntington Park, awarded contract by the Newport Beach city council March 4 at $1222.00 for furnishing a pump for use in connection with the city's water main extensions. The bids, which were taken informally, follow:

Byron-Jackson Co., $1222.
Kimball-Krogh Pump Co., $1171.10.
Worthington Co., $1417.98.
Fairbanks, Morse & Co., $1282.74.
American Pump Co., $1245.
DeLaval Steam Turbine Co., $1258.38
Pennsylvania Pump Co., $1706.25.
Pacific Pump Co., $1227.
Utility Supply Co., $1417.98.

31—PIPE LINES & WELLS

BIDS WANTED.

OGDEN, Utah.—Until March 13, 10 A. M., bids will be received by the Ogden City Council for the construction of Reservoir No. 3 and appurtenant works and for labor and materials required for the installation of water meters, water meter boxes and water meter box covers.

Th work involves:

(1) 82,000 c.y. excavation for reservoir, trimming bottom and slopes and excavation for the ribs, pipe and structure;
(2) 5500 c.y. furnishing and placing re-

inforced concrete lining and ribs;
(3) 8710 sq. ft. furnishing and placing concrete sidewalk;
(4) Miscellaneous cast iron and vitrified pipe;
(5) Furnishing 5,250 18x36-in. tile meter boxes and 25 24x36-in. tile meter boxes, or alternate on concrete meter boxes;
(6) 5,250 18x36-in. tile meter box covers and 25 24x36-in. tile meter box covers.

Specifications obtainable from above office. 30

PREPARING SPECIFICATIONS

TACOMA, Wash.—City Water Superintendent W. A. Kunigk is preparing plans and specifications for the third unit of the Green River Gravity pipe line. Bids will be called about April 1.

Work will involve the approximate items: 13,490 ft. 52-in. steel or concrete pipe; 550 ft. 58-in. do; 1136 ft. 42-in. steel pipe, and 5698 ft. 48-in. steel pipe, and the construction of a new gravity control system at J Street standpipe.

BIDS WANTED.

BEVERLY HILLS, Los Angeles Co., Cal.—Until March 12, 730 P. M., bids will be received by the Beverly Hills city council for furnishing and installing cast iron pipe for the municipal water system as follows:

CONTRACT "A"
Budget 14B
4500 ft. 6-in. cast iron water main;
Budget 14D
1250 ft. 12-in. cast iron water main;
1000 ft. 8-in. cast iron water main;
CONTRACT "B"
Budget 14E
950 ft. 6-in. cast iron water main;
Budget 14F
3400 ft. 8-in. cast iron water main.

Specificatins will be available about March 6 at the office of Salisbury, Bradshaw & Taylor, 745 Petroleum Securities Bldg., 714 W 10th St., Los Angeles.

32—SEWERS & SEWAGE DISPOSAL PLANTS

AWARD APPROVED

PHOENIX, Ariz.—The Public W'ks Administration at Washington has approved the award of the contract for constructing the new storm drain system to Torson Const. Co., Cincinnati, Ohio, at $277,762, waiving the company's failure to sign the NRA compliance certificate as grounds for rejecting the bid. The administration has been advised by legal counsel that the signing of the compliance agreement was implied in the bid itself. As soon as the PWA instruction reaches Howard S. Reed, PWA engineer for Arizona, at Phoenix, the city commission will act. It is expected the contract will be awarded without further delay.

BIDS WANTED.

SAN FRANCISCO.—Until March 13, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for the construction of the Merced District Sanitary Relief Sewer. Estimated cost $9,000.

The work involves:
(1) 2103 l.f. 8-in. cast iron pipe sewer;
(2) 5.5 MBM creosoted Douglas fir trestle;
(3) 9 manholes.

Plans and specifications obtainable at the office of City Engineer John J. Casey, Room 350, City Hall, upon deposit of $10.00.

PROJECT APPROVED

SAN MATEO COUNTY, Cal.—SERA has approved a supplemental appropriation of $6186 to provide labor to complete the sewage disposal plant at the San Mateo County Relief Home. C. R. Scott of San Mateo County will supervise the project which will give employment to 50 laborers.

COMPLETING PLANS

MEDFORD, Oregon — Plans and specifications are being completed for sewage disposal plant to cost $100,000. Greeley & Hansen, Chicago, consulting engineers.

33— WATER WORKS

March 1, 1935

BIDS OPENED

NAPA, Napa Co., Cal. — United States Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $2366.75 submitted low bid to the Napa City Council for furnishing cast iron pipe for the water department.

Other bids were:
American Cast Iron Pipe Co., San Francisco, $2400.75.
Sampson-Rossi Hardware Co., Napa, $2413.70.
Pacific States Cast Iron Pipe Co., San Francisco, $2484.30.

Bids held under advisement. 33

March 1, 1935

PROJECT APPROVED.

ORANGE COUNTY, Calif. — SERA has approved appropriation of $103,780 for construction of concrete lined storm water drain, complete, with necessary culverts and appurtenances, Villa Park Storm Drain, Orange Co. Project will be supervised by M. N. Thompson, and will employ four foremen and 305 laborers. 33

CONTRACT AWARDED.

TURLOCK, Stanislaus Co., Cal.—Ed Erickson, Route 4, Box 744, Modesto, awarded contract by the Turlock Irrigation District Directors for concrete ditch lining in Improvement District No. 116, in the McMullen Ditch near Hickman.

BIDS OPENED.

BEVERLY HILLS, Los Angeles Co., Cal.—Bids for furnishing 6000 feet of 6- and 8-in. cast iron pipe for the city water department were opened by the Beverly Hills city council Feb. 26.

The bids were:

Case Const. Co.: Plan (1) $9193; Plan (2) $7995; Plan (3) $7085.

Geo. E. Miller: (1) $8566; (2) $7629; (3) $6805.

Fred W. Weber: (1) $7789; (2) $6,600; (3) $5955.

Franklin B. Gridley: (2) $8292.

The bids were referred to the city attorney and the consulting engineers

BIDS OPENED.

SAN DIEGO, Calif.—M. H. Golden, 404 California Bank Bldg., San Diego, submitted low bid to the Public W'ks Officer, 11th Naval District, San Diego, at $6200 for all work complete, for the replacement of salt water flushing system at the Naval Operating Base (Destroyer Base), San Diego; Spec. No. 7878.

E. Rohde, 1746 Columbia Street, San Diego, would be low if discharge pipe line between Points A and C is omitted, his total bid in that case being lower by $94.

The work consists of the provision of materials for and the installation of two 500-gallon-per-minute electrically-driven salt water pumps, suction piping and approximately 970 l.f. of standard weight 6-in. steel discharge piping with welded joints; also miscellaneous electrical work and appurtenances and timber-constructed shelter for housing the pumps. Bids were taken as follows:
(1) Work complete;
(2) Deduction for the omission of 6-in. discharge line between Points B and C;
(3) do between Points A and C

The bidders were
(A) M. H. Golden
(B) A. Cummings
(C) E. Rohde.
(D) C. C. Moore & Co
(E) A. O. Reed
(F) Case Construction Co
(G) Olmsted Building Co

The bids were

	(1)	(2)	(3)
(A)	$6200.00	$300.00	1520.00
(B)	6345.00	350.00	700.00
(C)	6506.00	420.00	902.00
(D)	6657.00	325.00	680.00
(E)	7345.00	346.00	834.00
(F)	7940.00	325.00	665.00
(G)	8156.00	426.00	906.00

BIDS REJECTED.

SANTA CLARA COUNTY, Calif.—All bids received by the Santa Clara Valley Water Conservation District, February 19, for construction of two pumping plants, Lester and Doetch well replacements, including furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pumping houses, have been rejected.

CONTRACT AWARDED

NEWPORT BEACH, Orange Co., Cal.—National Cement Pipe Company Orange, awarded contract by the Newport Beach city council March 4, at $8316 for furnishing and laying 9450 ft. of 18-in. concrete pipe in connection with the installation of a temporary water main to extend from well three miles northwest of Newport Beach to the city's pumping plant.

The bids were taken as follows:
(1) 9450 l.f. 18-in. concrete pipe;
(2) laying;
(3) trenching and backfilling.

The bids were:

National Cement Pipe Co.: (1) 52c; (2) 19c; (3 17c; total, $8316.

La Habra Concrete Works: (1) 67c; (2) 15c; (3) 13c; total, $8977.50.

Peerless Concrete Pipe Corp.: (1) 52c; (2) 19c; (3) 17c; total $8316.

Tustin Cement Pipe Co.: (1) 52c; (2) 19c; (3) 17c; total, $8316.

BIDS WANTED.

SAN FRANCISCO.—Until March 13, 2:30 P. M., bids will be received by the Department of Public Works, Rm 251, City Hall, for installing Section B, Potrero District Extension, Auxiliary Water Supply System for Fire Protection. Est. cost, $95,000.

The work involves:

Cast Iron Pipe and Special Castings In Place:
(1) 1215 l.f. 16-in. Class H double spigot, plain;
(2) 518 l.f. 16-in. do, lugged;
(3) 184 l.f. 16-in. Class H bell and spigot, plain;
(4) 249 l.f. 16-in. Class G bell and spigot, lugged;
(5) 1311 l.f. do. plain:
(6) 4652 l.f. 12-in. Class H bell and spigot, plain;
(7) 170 l.f. 12-in. Class H double spogot, lugged;
(8) 662 l.f. 12-in. Class H bell and spigot, lugged;
(9) 547 l.f. 10-in. Class H double spigot, plain;
(10) 77 l.f. do, lugged;
(11) 4548 l.f. 10-in. Class H bell and spigot, plain;
(12) 819 l.f. do lugged;
(13) 304 l.f. 8-in. Class H bell and spigot, lugged;
(14) 25 10-in. gate valves, reconditioned (not in place);
(15) 6 14-in. gate valves in place;
(16) 25 10-in. gate valves in place;
(17) 32 8-in. gate valves in place;
(18) 32 stand. H. P. hydrants in place;

Note: Items 1 to 18 inclusive, cast iron pipe, valves, hydrants and special castings, will be furnished by the city

(19) 89,240 lbs. pig lead, furnished and delivered;
(20) 22,100 lbs. cast steel special castings, furnished and delivered;
(21) 28,088 lbs. cast iron special castings, furnished and delivered;
(22) 27,583 lbs. manhole and valve box cast iron frames, covers & dust pans, furnished and placed;
(23) 57,461 pounds wrought iron bolts, nuts and washers, furnished and placed;
(24) 2,228 lbs. reinf. steel, furnished & placed;
(25) 34 c.y. Class B concrete in place;
(26) 9157 c.y. excavation and backfill;
(27) 43,864 sq. ft. asphalt - concrete pavement (2x6-in.) Class F conc.
(28) 288 sq. ft. concrete sidewalks (1 course);
(29) 20 c.y. broken rock, furnished and placed;
(30) 45 tons bell and spigot pipe or double spigot pipe without lugs. In Classes C to H inclusive and in nominal diameters of 8- to 18-in. inclusive;
(31) 12 tons do, with bolting lugs.

Note: Items 19 to 31 inclusive; all materials, including pipe, shall be furnished by the contractor.

Plans and specifications obtainable at the office of City Engineer John J. Casey, Room 350, City Hall, upon deposit of $10.00.

34— PARKS & PLAY-GROUNDS

March 1, 1935

PROJECT APPROVED.

SAN MATEO COUNTY, Cal.—SERA has approved appropriation of $1,813 for supervisory labor on the Sharp Park Camp Construction, San Mateo County. Project will be supervised by the City and County of San Francisco Construction Project Division, and will employ one superintendent, one carpenter foreman, one painting foreman, one electric foreman, one plumbing foreman, one steamfitting foreman, and one material clerk. 34

PROJECT APPROVED.

SACRAMENTO, Cal.—SERA has approved appropriation of $1,274 for the construction of three regulation tennis courts in McClatchy Park, Sacramento. J. B. Maloney will supervise the project which will give employment to 22 laborers. 34

PROJECT APPROVED.

HOLTVILLE, Imperial Co., Calif.—SERA has approved appropriation of $11,439 for completing a grandstand structure, grading grounds for flooding, erecting boundary fence of adobe, erecting backstops, fences and bleachers, installing electric lighting, etc., at the Community Recreation Center, Holtville. W. T. Livington will supervise the project, which will employ one foreman and 33 laborers.

35— TUNNELS

PLANS APPROVED

SAN FRANCISCO.—Plans and specifications for the Crystal Springs Pipeline Tunnels, to carry a pipeline extension from Crystal Spring reservoir in San Mateo County to the University Mound reservoir in San Francisco, have been approved by Assistant State PWA Engineer Clifton E. Hickock. The work includes a tunnel 2,287 feet long in San Francisco County and two tunnels in San Mateo County, one 1,429 feet long, and the other 334 feet long. The tunnels will carry 60-inch pipe. Concrete will be poured between the pipe and the tunnel walls the tunnels having inside diameters of sufficient size to insure a minimum concrete thickness of eight inches.

It is expected that the Public Utili-

SAN FRANCISCO — Bay Crossing Pipe Line — (City)

SAN FRANCISCO.—Pacific Bridge Co., 1110 Balfour Bldg., at $698,226.25 on Proposition "A", submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 53, for constructoin of a double line of 54-in. submarine pipe, approximately 2800 feet in length, across the southerly arm of San Francisco Bay at Dumbarton Strait, from a point located on the easterly shore of San Francisco Bay, about 3½ milea westerly from the town of Newark in Alameda County, to the existing caisson at the easterly end of the San Francisco Water Department's steel bridge, about 7 miles easterly from Redwood City, San Mateo County; and a single line of 54-in. pipe, approximately 435 feet long, across Newark Slough, a navigable channel, at a point about 2 miles westerly from the town of Newark.

The proposed submarine pipes will be laid northerly of and in general parallel to the existing 42-in. cast iron submarine pipe line of the San Francisco Water Department, which is located northerly of the Southern Pacific Company's railroad bridges at these crossings.

The contract covers, in addition to the furnishing and installing of the submarine pipe lines proper: the furnishing and/or installing of the necessary valves, fittings and pipe connecting with the 60-in. and 76-in. pipe on the bridge and extending down through the caisson to the submarine outlets, including all auxiliary piping and appurtenances, all steel work and concrete supports, all electrical work, and the housing structure over the caisson; the removal of certain portions of the existing 16-in. submarine pipe lines of the San Francisco Water Department; the furnishing and installing of the connections between the submarine pipes at the east shore of the Bay with the existing 60-in. pipe and the 66-in. pipe being constructed under Contract No. W. D. 46; the furnishing and installing of the connection with the new 66-in. line on both sides of Newark slough; all excavation and backfill: furnishing and installing the necessary support for the pipe including pile trestles, rock fill and tremie concrete; the satisfactory testing of the line and its delivery to the City complete and ready for service.

Alternate Propositions

Three general propositions, designated herein as Propositions A, B, and C, will be considered for the construction of the required submarine pipe line with the necessary fittings and appurtenances. The propositions all include the necessary construction and installation at the caisson and differ only in the type of construction to be used for the submarine work and its support.

Proposition "A"

Under Proposition "A" the required submarine pipe construction shall consist of pipe with flanged joints supported on submarine pile trestles. The pipe shall be fabricated of ¾-in. steel plates, coated outside with bituminous enamel and a jacket of reinforced gunite 6-in. thick. The inside of the pipe shall be coated with a spun bituminous enamel lining. The length of sections in which the pipe is to be fabricated and laid is optional with the Contractor. Joints will be made by means of flanges, bolted up under water and encased in blocks of tremie concrete. The pile trestle supporting the pipe shall be composed of pile bents spaced generally on 20-ft. centers, plus or minus, placed in trenches dredged for the purpose; the trenches are to be backfilled with excavated material after the pipe lines have been completed and tested.

Proposition "B"

Under Proposition "B" the required submarine pipe construction shall consist of cast iron pipe coated inside and outside with bituminous enamel and having special flexible joints. The pipe walls shall be 2.50 inches in thickness, except as otherwise provided for in the specifications, and is to be laid in not less than 12 foot lengths. Each line shall be laid in a dredged trench and on a crushed rockfill; backfill over the pipe is to be made with excavated material.

Proposition "C"

Under Proposition "C" the required submarine pipe construction shall consist of a flexible joint steel-cylinder concrete pipe. The steel cylinder shall be ¾-in. thick, covered on the outside with a coating of bituminous enamel and a reinforced concrete jacket 4-in. thick, and on the inside with a centrifugally spun concrete lining 2-in. thick. The laying length of each section shall be not less than 12 ft. The requirements for excavation, backfill, rock fill and joints shall be as prescribed in Proposition "B".

Total bids follow:

(I) Pacific Bridge Co., 1110 Balfour Bldg., S. F., (Prop A) $698,226.25.
(II-A) Merritt, Chapman & Scott, San Pedro, (Prop. A) $717,795.00.
(II-B) Merritt, Chapman & Scott, San Pedro (Prop. B) $928,535.00.
(III) Healy-Tibbitts Const. Co., San Francisco, (Prop. A) $822,177.50.
(IV) George Pollock Co., Sacramento, (Prop. A) $864,550.00.
(V) MacDonald & Kahn Co., Ltd., San Francisco, (Prop. A) $944,909.00.
(VI) Case Construction Co., Alhambra (Prop. A) $987,324.00.

NOTE: No bids were received on Proposition C.

Bids were taken as follows:

No.	Item	Unit	Proposition A	B	C
(1)	Excavation between shore lines at Dumbarton Strait;	cu. yd.	100,000	118,000	132,000
(2)	Excavation between shore lines at Newark slough;	cu. yd.	6,000	7,000	8,000
(3)	Excavation on land;	cu. yd.	100	100	100
(4)	Rock-fill;	cu. yd.	520	24,500	26,500
(5)	Furnish untreated piles;	lin. ft.	800	500	500
(6)	Furnishing untreated piles;	lin. ft.	52,000	11,500	9,700
(7)	Driving piles;	each	880	200	170
(8)	Furnishing and installing untreated timber;	M.B.M.	10.0	5.0	5.0
(9)	Furnishing and installing treated timber;	M.B.M.	70.0	20.0	20.0

(Continued on Next Page)

(10) Tremie concrete, Class A;	cu. yd.	1,125	130	125
(11) Tremie concrete, Class B;	cu. yd.	25	525	550
(12) Extra cement;	bbl.	125	50	75
(13) Removing existing 16-in. submarine pipes in the channel of Dumbarton strait between Stations 5+00 and 17+00;	lin. ft.	2,600	2,600	2,600
(14) Removing existing 16-in. submarine pipes in Dumbarton strait between the westerly shore line and Station 5+00 and the easterly shore line and Station 17+00;	lin. ft.	12,000	12,000	12,000
(15) Furnishing and laying 54-in. flanged joint steel pipe with gunite jacket in Dumbarton Strait;	lin. ft.	5,600	.....	.....
(16) Furnishing and laying 54-inch flanged joint steel pipe with gunite jacket in Newark slough;	lin. ft.	435	.....	.....
(17) Constructing angles in 54-in. flanged joint steel pipe line;	each	28	.....	.....
(18) Furnishing and laying 54-in. flexible joint cast iron pipe in Dumbarton Strait;	lin. ft.	....	5,600	.....
(19) Furnishing and laying 54-in. flexible joint cast iron pipe in Newark slough;	lin. ft.	....	435	.....
(20) Furnishing and laying 54-in. flexible joint steel cylinder concrete pipe in Dumbarton strait;	lin. ft.	....	.....	5,600
(21) Furnishing and laying 54-in. flexible joint steel cylinder concrete pipe in Newark slough;	lin. ft.	....	.....	435
(22) Structural steel substructure;	lb.	20,000	20,000	20,000
(23) Furnishing and installing steel pipe, tapers and castings;	lump sum	lump sum	lump sum	lump sum
(24) Installing gate valves and operating mechanisms furnished by the city;	lump sum	lump sum	lump sum	lump sum
(25) Furnishing and installing valves, fittings and auxiliary piping for water motors and ejector;	lump sum	lump sum	lump sum	lump sum
(26) Power plant and electrical installation;	lump sum	lump sum	lump sum	lump sum
(27) Constructing superstructure;	lump sum	lump sum	lump sum	lump sum
(28) Furnishing and installing traveling crane and hoist;	lump sum	lump sum	lump sum	lump sum
(29) Steel floor grating;	sq. ft.	1,600	1,600	1,600
(30) Furnishing and installing steel stairway and hand railings;	lump sum	lump sum	lump sum	lump sum

Unit bids follow:

	(I) ("A")	(II-A) ("A")	(II-B) ("B")	(III) ("A")	(IV) ("A")	(V) ("A")	(VI) ("A")
(1)	$ 1.00	$ .33	$ .50	$ .50	$ 1.20	$ 1.04	$ .47
(2)	1.00	.75	.80	.50	1.20	1.04	.47
(3)	1.00	3.00	3.00	2.00	3.00	4.00	1.50
(4)	3.50	9.00	5.00	3.00	10.00	10.00	6.40
(5)	.30	.50	.50	.25	.20	.30	.40
(6)	.60	.60	.80	.48	.62	1.00	1.25
(7)	20.00	45.00	50.00	50.00	150.00	90.00	72.00
(8)	60.00	250.00	250.00	65.00	75.00	105.00	82.50
(9)	110.00	550.00	500.00	200.00	400.00	525.00	200.00
(10)	40.00	40.00	50.00	20.00	50.00	50.00	25.00
(11)	38.00	40.00	46.00	17.00	50.00	45.00	20.00
(12)	2.25	5.00	5.00	2.00	4.00	6.00	3.00
(13)	2.50	2.50	2.50	1.50	5.00	3.50	3.00
(14)	2.00	1.10	1.10	1.00	1.00	1.00	3.00
(15)	65.00	73.00	...	91.50	65.00	81.25	109.50
(16)	70.00	73.00	...	91.50	70.00	80.00	109.50
(17)	150.00	120.00		200.00	150.00	225.00	180.00
(18)	...	...	102.00	...	...	...	...
(19)	...	...	110.00	...	...	...	...
(20)	...	...	...	...	...	...	...
(21)	...	...	...	...	...	...	...
(22)	.20	.14	.14	.15	.125	.20	.16
(23)	14,000.00	12,085.00	12,085.00	25,000.00	14,000.00	25,000.00	15,250.00
(24)	2,000.00	2,000.00	2,000.00	11,000.00	2,000.00	3,000.00	3,300.00
(25)	9,000.00	9,000.00	9,000.00	14,000.00	9,000.00	14,000.00	7,775.00
(26)	2 050.00	2,000.00	2,000.00	2,500.00	2,100.00	3,000.00	2,000.00
(27)	10,000.00	7,500.00	7,500.00	18,000.00	8,000.00	15,404.00	7,550.00
(28)	1,800.00	1,500.00	1,500.00	2,500.00	1,350.00	2,000.00	1,250.00
(29)	1.25	1.50	1.50	2.00	1.25	1.25	1.60
(30)	700.00	1,500.00	1,500.00	1,550.00	1,000.00	1,000.00	1,400.00

ties Commission will call for bids next week.

CONTEMPLATED

ALAMEDA, Cal.—City Engineer George Sperbeck is making a preliminary survey of a project to construct a tube under the Estuary between Alameda and Oakland, as a southern approach to the San Francisco-Oakland bridge. The north portal of the tube would be located near Seventh and Center Streets, Oakland. It would be approximately 6200 feet in length and have an outside diameter of 56 feet. Construction of pre-cast concrete sections similar to those used in constructing the Posey tube at Webster street is proposed. Estimated cost, $12,800,000.

29—STREETS AND HIGHWAYS

PLANS APPROVED.

CLARK COUNTY, Nev.—Plans and specifications for the construction of a portion of the State Highway System in Clark County between Las Vegas and a point approximately 10 miles southeast, Route 5, Section D-1, a length of 10.18 miles, have been approved by C. H. Sweetser, District Engineer of the Bureau of Public Roads, and bids will be asked shortly by the Nevada State Highway Directors, Carson City.

The work will involve:

(1) 308 l.f. remove culvert pipe;
(2) 43 each remove culvert headwalls
(3) 59,800 c.y. roadway excavation;
(4) 8,942 sta. yds. overhaul;
(5) 17,500 c.y. imported borrow;
(6) 2,000 c.y. structure excavation;
(7) 10.18 miles finish roadway;
(8) 25,900 tons crushed gravel or stone surface;
(9) 1,801 M. gallons water;
(10) 528 c.y. Class A concrete;
(11) 38 c.y. Class B concrete;
(12) 56,500 lbs. reinforcing steel;
(13) 820 l.f. 18-in. CMP;
(14) 504 l.f. 24-in. CMP;
(15) 128 l.f. 30-in. CMP;
(16) 94 l.f. 36-in. CMP;
(17) 174 l.f. jacking 24-in. CMP;
(18) 44 l.f. jacking 30-in. CMP;
(19) 22 l.f. jacking 36-in. CMP;
(20) 553 l.f. 6-in. tile underdrain;
(21) 2.0 MFBM redwood;
(22) 65 each move pipe culvert headwall;
(23) 40 c.y. riprap;
(24) 96 l.f. guard rail;
(25) 1,700 lbs. castings;
(26) 4 c.y. remove concrete;
(27) 90 c.y. gravel backfill;
(28) 75,947 gals. asphalt road material, Type SC-2;
(29) 10.16 miles subgrade.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—B. G. Carroll, 4386 Maryland St., San Diego, at $64,147.50 awarded contract by the State Highway Commission, Sacramento, for about two miles grading and paving with Portland cement concrete in San Bernardino County, between Riverside Ave. and Colton.

LOW BIDDERS.

LOS ANGELES, Cal.—Los Angeles Paving Co., Inc., 3200 E. Vernon Ave., Los Angeles, at $111,222 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.4 miles grading and paving with Portland cement concrete in Los Angeles County between Winter Canyon and Las Flores Canyon.

P. J. Akmadzich, Los Angeles, at $117,426, and Sharp & Fellows Contracting Co., Los Angeles, at $117,535 submitted second and third low bids, respectively.

PLANS APPROVED.

LYON COUNTY, Nec.—Plans and specifications for the construction of a portion of the State Highway System in Lyon County between Washoe-Lyon County Line and 5 miles northeast of Fernly Overpass and approximately 1.5 miles south, Routes 1 and 2, Sections A1, A2, A3 A4, and B, a length of 9.45 miles, have been approved by C. H. Sweetser, District Engineer of the Bureau of Public Roads, and bids will be asked shortly by the Nevada State Highway Directors, Carson City.

The work will involve:

(1) 23,908 l.f. remove fence;
(2) 424 l.f. remove culvert pipe;
(3) 13 ea. remove culvert headwalls;
(4) 122 each remove trees;
(5) 602 l.f. remove 3-in. water pipe (redwood);
(6) 33 l.f. remove concrete;
(7) 880 l.f. remove sand fence;
(8) 59,660 c.y. rdwy. excavation;
(9) 141,115 sta. yds. overhaul;
(10) 20,065 c.y. select borrow;
(11) 42,803 c.y. imported borrow;
(12) 3,344 c.y. structure excavation;
(13) 9.05 miles subgrade, 20-ft. width;
(14) 0.30 mile subgrade, 63-ft. width;
(15) 9.05 miles shoulders;
(16) 9.44 miles finish roadway;
(17) 7,525 c.y. sub-base;
(18) 29,984 tons plant mix crushed gravel or stone base;
(19) 1,223 M. gals. water;
(20) 706 tons asphalt road material, Type MC-3 or MC-4;
(21) 78,754 gals. asphalt road material, Type SC-1A;
(22) 1,350 gals. asphalt road material, Type SC-2;
(23) 142 tons asphalt road material, Type MC-2;
(24) 16,875 tons plant mix asphalt surface;
(25) 9.44 miles traffic stripe;
(26) 290 c.y. Class A concrete;
(27) 15 c.y. Class B concrete;
(28) 18,040 lbs. reinforcing steel;
(29) 4.7 MFBM redwood;
(30) 150 l.f. 6-in. CMP;
(31) 176 l.f. 15-in. CMP;
(32) 756 l.f. 18-in. CMP;
(33) 532 l.f. 24-in. CMP;
(34) 1450 l.f. 36-in. CMP;
(35) 12 l.f. 24-in. vitrified pipe;
(36) 2,378 l.f. 8-in. perforated underdrain;
(37) 918 l.f. 3-in Redwood water pipe;
(38) 1,733 l.f. 1¼-in. cast iron pipe;
(39) 200 l.f. 4-in. steel water pipe;
(40) 281 c.y. gravel backfill;
(41) 266 l.f. relay culvert pipe;
(42) 46 each move pipe culvert headwalls;
(43) 83 each monuments;
(44) 2,538 l.f. construct fence;
(45) 22,448 l.f. reconstruct fence;
(46) 1,700 lbs. castings;
(47) 528 l.f. relay 3-in. water pipe (Redwood);
(48) 2,995 l.f. sand fence;
(49) Lump sum, move building;
(50) 584 l.f. remove and reset guard rail;
(51) 9.35 miles salvage and relay surface;
(52) 91 tons emulsified asphalt, penetration;
(53) 100 hours motor grader;
(54) 50 hours 60-hp. tractor;
(55) 50 hours 10-ft. blade grader;
(56) 50 hours 30-hp. tractor & scraper;
(57) 50 hours 1½-ton truck.

March 7, 1935

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Los Angeles Paving Co., Inc., 3200 E. Vernon Ave., Los Angeles, at $111,222 awarded contract by the State Highway Commission, Sacramento, for about 3.4 miles grading and paving with Portland cement concrete in Los Angeles County between Winter Canyon and Las Flores Canyon.

CONTRACT AWARDED.

MARICOPA COUNTY, Ariz.—Norman Nursery, 2598 N. Central Avenue, Phoenix, awarded contract by Arizona State Highway Commission, Phoenix, March 1 at $2744 for highway construction on the Tempe-Mesa Highway ,N. R. M. 8-A AFE 524 and NRM 8-A A F E 8027. The work, which is to extend from the corner of 11th St. and Mill Ave. in Tempe, southerly and thence easterly approximately 2 miles consists of the furnishing, hauling and planting trees and shrubs, the furishing, hauling and placing select material and top soil, the placing of a rock border and removing some trees.

Riverside Nursery and R. E. Canion, Phoenix, submitted the second bid at $3330.00.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work not advertised, bids to be opened in Sacramento on March 20, and in Los Angeles on March 21, 1935.

II-Teh-3-B. Bids to be opened Mar. 20 (PLANS) No. of sheets, 5; cost 50c; (CROSS-SECTIONS) No. of sheets, 12; cost, $1.20, Total $1.70.

III-Sac-11-53-E, A. To be opened March 20. (PLANS) No. of sheets, 2; no charge; (CROSS-SECTIONS) No. of sheets, 25; cost, $2.50. Total, $2.50.

VIII-Riv-77-B. To be opened Mar. 21. (PLANS) No. of sheets, 3; cost, 30c; (CROSS-SECTIONS) none. Total 30c.

PLANS APPROVED.

LINCOLN CO., Nevada.—Plans and specifications for the construction of a portion of the State Highway System in Lincoln County, between Alamo and four miles east of Crystal Springs, Route 7, Section B-1, a length of 16.21 miles, have been approved by C. H. Sweetser, District Engineer of the Bureau of Public Roads, and bids will be asked shortly by the Nevada State Highway Directors, Carson City.

The work will involve:

(1) 19,135 l.f. remove fence;
(2) 27 each remove trees;
(3) 190,000 c.y. rdwy. excav.;
(4) 152,655 sta. yds. overhaul;
(5) 35,104 c.y. select borrow;
(6) 1,930 c.y. structure excavation;
(7) 16.21 miles subgrade;
(8) 16.25 miles finish roadway;
(9) 53,900 tons crushed gravel or stone surface;
(10) 132 c.y. Class A concrete;
(11) 212 c.y. Class B concrete;
(12) 18,600 lbs. reinforcing steel;
(13) 10 c.y. dry rubble masonry;
(14) 2,852 l.f. 18-in. CMP;
(15) 2,408 l.f. 24-in. CMP;
(16) 332 l.f. 30-in. CMP;
(17) 48 l.f. 36-in. CMP;
(18) 248 l.f. 42-in. CMP;
(19) 138 l.f. 48-in. CMP;
(20) 250 l.f. 30-in. flume;
(21) 197 each monuments;
(22) 16,990 l.f. construct fence;
(23) 16,348 l.f. reconstruct fence;
(24) lump sum. move bulding;
(25) 14 c.y. riprap.

X-Sol-7-Frfd. To be opened March 20. (PLANS) No. of sheets, 12; cost, $1.20; (CROSS-SECTIONS) No. of sheets, 24; cost, $2.40. Total $3.60.

XI-IMP-26-J. To be opened March 21. (PLANS) No. of sheets, 6; cost, 60c; (CROSS - SECTIONS) No. of sheets, 7; cost, 70c. Total $1.30.

Checks for the above should b made payable to the Department Public Works, Division of Highway and should accompany requests f plans, specifications and propos forms to the office of the State Hig way Engineer, P. O. Box 1499, Sacr mento, California.

PROJECT APPROVED

SAN BRUNO, San Mateo Co., Ca —SERA has approved a supplemen tary appropriation of $1494 providin for the completion of the runwa paving at the San Francisco Municip Airport, San Bruno. George Burr the City of San Francisco will super vise the project which will give em ployment to 30 laborers.

CONTRACT AWARDED

INYO COUNTY, Cal.—Tiffany Con struction Co., 535 North 7th St., Sa Jose, at $14,203.50 awarded contrac by the State Highway Commissio Sacramento, for about 0.7 mile grad ing, surfacing with selected materia and a bituminous treatment applie in Inyo County, between ¾ mile sout of the northerly boundary and th northerly boundary.

BIDS WANTED

COCHISE COUNTY, Arizona—Un til March 14, 2 P. M., bids will be re ceived by the Arizona State Highwa Commission, Phoenix, Ariz., for high way construction on the Douglas Safford Highway, NRS 114-B (1935 A.F.E. 8101. The work, which begin at the Bisbee-Douglas Highway junc tion about one mile west of Douglas and extends northerly about 7½ miles consists of grading, draining, aggre gate base course and oil processin by the road mix method. The prin cipal items are:

(1) 7.3 miles grading roadway to sec tion;
(2) 1200 lin. ft. grade and construc fords to section;
(3) 29,300 cu. yds. aggregate bas course (CIP);
(4) 30 cu. yds. Class A concrete;
(5) 500 lbs. reinf. steel;
(6) 252 lin. ft. CMP (various sizes);
(7) 27,800 lin. ft. reconstr. fence;
(8) 8400 cu. yds. mineral aggregat (C.I.P.);
(9) 135,500 gal. road oil;
(10) 150 tons emulsified asphalt (Clas A);
(11) 7.6 miles processing road mix;
(12) 660 cu. yds. screenings.

Certified or cashier's check, 5%. T S. O'Connell, State Highway Enginee

---

CONTRACT AWARED

GLENN COUNTY, Cal. — Tiffany Constr. Co., 535 N. 7th St., San Jose at $53,084 awarded contract by the State Highway Commission, Sacramento, for highway construction i Glenn County, between 3 miles north of Willows and Orland, totaling abou ten miles in length, of which abou 0.6 mils is to be graded and surface with crusher run base and bituminou treated crushed gravel or stone; an the remainder to be widened an borders of crusher run base con structed.

BIDS OPENED.

IMPERIAL COUNTY, Cal.—Oswal Bros., 366 E 58th St., Los Angeles, a $45,547 submitted low bid to the Stat Highway Engineer, State Bldg., Lo Angeles, for about 21 miles of gradin shoulders, and constructing bitumi nous treated screened gravel or ston borders in Imperial County betwee East Highline Canal and Sand Hill

Complete total bids follow:

(A) Oswald Bros., Los Angeles, $45, 547.00.

(B) Griffith Co., Los Angeles, $45,742.00.
(C) Dimmitt & Taylor, Los Angeles, $49,796.
(D) V. R. Dennis Const. Co., San Diego, $58,668.
Unit bids will be published shortly.

AWARD RECOMMENDED.

GILA COUNTY, Ariz.—Hodgman & MacVicar, 714 Plymouth Road, Pasadena, Calif., at $37,689 submitted low bid and recommended for award of contract by Bureau of Public Roads, Phoenix, for grading 2.989 miles of Section B of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County, Arizona.

All-Arizona Engineering & Construction Co., Phoenix, at $40,015.50, and Ernest W. Everly, Albuquerque, N. M., at $40,032.99 submitted second and third low bids, respectively.

Engineer's estimate, $40,351.83.

BIDS WANTED.

NAVAJO COUNTY, Arizona.—Until March 26, 10 A. M., bids will be received by the Bureau of Public Roads 802 Title & Trust Bldg., Phoenix, for 4.527 miles of grading on Section A of Route 30, the Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz.

The work involves:
(1) 34 acres clearing;
(2) 33,100 c.y. unclass. excavation;
(3) 47,650 c.y. do, for borrow;
(4) 955 c.y. do for structures;
(5) 550 sta. yds. overhaul;
(6) 8,500 c.y. mi. borrow haul;
(7) 1,458 l.f. CMP;
(8) 307 c.y. cement rubble masonry;
(9) 207 c.y. concrete;
(10) 19,750 lbs. reinforcing steel;
(11) 19,300 l.f. Type I protection ditch;
(12) 3 each cattle guards in place;
(13) 3,940 l.f. removing existing fence;
(14) 20,891 l.f. new fence in place;
(15) 15 each farm entrance gates;
(16) 43 each right of way monuments.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market Street, San Francisco, upon deposit of $10.00.

PROJECT APPROVED.

SANTA MONICA, Los Angeles Co., Cal.—SERA has approved appropriation of $18,309 for the removal of old pavement, curb, gutter, sidewalk and reinforced concrete arch, and the construction of new retaining wall, excavating and grading for new pavement, curbs, gutters and sidewalks, etc., on Ocean and Colorado Avenues, Santa Monica. H. C. Carter will supervise the project, which will employ one timekeeper and 50 laborers.

BIDS WANTED.

ANTIOCH, Contra Costa Co., Cal.—Until March 11, 8 P. M., as previously reported, bids will be received by the Antioch City Council, J. E. McElheney, City Clerk, City Hall, for the improvement of Fourth Street between I and O Streets, consisting of grading, curbing, paving, etc. Estimated cost, $4,300.

The work involves:
(1) 3,000 c.y. earth fill;
(2) Placing 520 tons base rock;
(3) Placing 80 tons of No. 3 and No. 4 rock in pavement;
(4) Placing 12 tons of hirdseye screenings in pavement;
(5) Placing 900 gals. fuel oil on base;
(6) Placing 2,060 gallons emulsion in pavement.

R. R. Arnold, engineer. Plans and specifications obtainable from above office.

PROJECT APPROVED.

LOS ANGELES COUNTY, Cal.—S E R A has approved appropriation of $26-936 for the construction of a 12-foot motorway two miles long in Topanga Canyon, Los Angeles County. S. D. Turner will supervise the project, which will employ one timekeeper and 105 laborers.

PROJECT APPROVED.

MONTEREY, Monterey Co., Calif.—SERA has approved appropriation of $6,070 for improvements to city streets and sidewalks in Monterey. Work includes widening roadway of Pacific St., widening Lighthouse Road, constructing rock retaining wall and grading sidewalk along same, etc. Project will be supervised by B. J. Pardee, and will employ 37 laborers.

PROJECT APPROVED.

SANTA CRUZ COUNTY, Cal.—S E R A has approved appropriation of $39,500 for the improvement of the Empire Grade Road (grading, realigning, etc.) in Santa Cruz County. The project will be supervised by County Engineer Lloyd Bowman, and will employ 40 laborers.

BIDS OPENED.

IMPERIAL COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $45,547, as previously reported, submitted the low bid to C. H. Purcell, State Highway Engineer Los Angeles, February 28, for highway construction in Imperial County between E. Highline Canal and Sand Hills, about 21 miles in length, shoulders to be graded and bituminous treated screened gravel or stone borders constructed, involving:
(1) 21 miles shoulder embankment;
(2) 221,800 l.f. existing side forms removed and disposed of;
(3) 14,200 tons screened gravel or stone bituminous treated borders;
(4) 650 tons cut-back asphalt, bituminous treated borders;
(5) 21 miles finishing roadway.

Total bids were:
(A) Oswald Brothers, $45,547.00.
(B) Griffith Co., $45,742.00.
(C) Dimmitt & Taylor, $49,796.00.
(D) V. R. Dennis Co., $58,668.00.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)
(A)	$110	$.015	$2.00	$17.00	$30.00
(B)	200	.015	1.80	16.00	115.00
(C)	220	.02	2.00	16.00	100.00
(D)	500	.01	2.10	17.00	250.00

BIDS WANTED.

MARIPOSA COUNTY, Calif.—Until March 26, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for 2.155 miles grading on Section A2 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:
(1) 20 acres clearing;
(2) 107,400 c.y. unclassified excav.;
(3) 6,200 c.y. do for borrow;
(4) 1020 c.y. do for structures;
(5) 45,600 sta. yds. overhaul;
(6) 8,500 c.y. mi. borrow haul;
(7) 1952 l.f. CMP (asphalt dipped) in place;
(8) 108 c.y. concrete;
(9) 12,000 lbs. reinforcing steel;
(10) 170 c.y. masonry;
(11) 2600 c.y. hand-laid rock embankment;
(12) 2800 l.f. protection ditch.

Plans and specifications obainable from the above office upon deposit of $10.00.

CONTRACT AWARDED.

BONNEVILLE, Oregon—Parker-Schram Co., Couch Bldg., Portland, at $61,860 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 35-426, for the construction of permanent road system and landscaping at Bonneville Dam.

BIDS WANTED.

MINERAL, Lyon and Churchill Cos., Nevada—Until March 13, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City for the construction of a portion of the State highway system in Mineral, Lyon and Churchill counties, between Schurz and 9.6 miles south of Fallon, Route 1A, Sections A, C1, and C2, a length of 28.05 miles.

The work involves:
(1) 892 l.f. remove culvert pipe;
(2) 116,330 c.y. roadway excavation,
(3) 189,650 yd. sta. overhaul,
(4) 52,095 c.y. select borrow;
(5) 1,155 c.y. structure excavation,
(6) 28.017 miles subgrade;
(7) 28.046 miles finish roadway;
(8) 97,410 tons crushed stone or gravel surface;
(9) 123 c.y. Class A concrete;
(10) 97 c.y. Class B concrete;
(11) 14,700 lbs. reinforcing steel;
(12) 36.9 M. ft. BM redwood;
(13) 1,190 l.f. 18-in. CMP;
(14) 192 l.f. 24-in. CMP;
(15) 66 l.f. 30-in. CMP;
(16) 108 l.f. 36-in. CMP;
(17) 246 l.f. relay culvert pipe;
(18) 130 each monuments;
(19) 108 l.f. 18-in. concrete pipe;
(20) 514 l.f. 1.5x1.5-ft. laminated culvert;
(21) 80 l.f. 2x2-ft. do;
(22) 140 l.f. 3x3-ft. do;
(23) 34 l.f. 3x3-ft. do;
(24) lump sum railroad crossing;
(25) 10 each remove culvert headwalls (concrete);
(26) 14 each remove culvert headwalls (dry rubble);
(27) 514,573 gals. asphalt road material, type SC2;
(28) 184.71 tons do, Type MC2;
(29) 28.046 miles roadmix.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

KLICKITAT COUNTY, Wash.—Until March 15, 10 A. M., bids will be received by the Bureau of Public Roads, 316 NeW Post Office Bldg., Portland, Oregon, for constructing the Mt. Adams Highway Reconstruction Grading and Subgrade Reinforcement Project FHEC-17-A1, National Forest Road Project, located within the Columbia National Forest, Klickitat County, Washington.

The length of the project is approximately 3.343 miles reconstruction grading; 1.793 miles betterment and 5.136 miles subgrade reinforcement. The work involves:
(1) 10 acres clearing;
(2) 7 acres grubbing;
(3) 28,960 cu. yds. unclassified excav.;
(4) 36,500 sta. yds. overhaul;
(5) 5000 cu. yds. crushed or screened rock or gravel (top course);
(6) 6000 cu. yds. subgrade reinforcement;
(7) 20 cu. yds. Class A concrete;
(8) 21,000 lin. ft. rounding of cut slopes.

Plans and specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED.

SAN BERNARDINO COUNTY, Cal.—George Herz & Co., Platt Bldg., San Bernardino, at $2,231 awarded contract by the State Highway Commission, Sacramento, for highway oiling in San Bernardino County between Sierra Ave. and Riverside Ave., about 3.8 miles in length, bituminous surface treatment to be applied to the existing oiled shoulders.

CONTRACT AWARDED.

MARICOPA COUNTY, Ariz.—Phoenix-Tempse Stone Co., P. O. Box 1645, Phoenix, awarded contract by Arizona State Highway Commission, Phoenix, March 1 at $12,008, for highway construction on the Mesa-Casa Grande Ruins Highway, NRH 97-F (1935) A F E 8752. The work is located approximately 2½ miles south of Mesa at the intersection of the Mesa - Chandler Highway and the Base Line Road, consists of grading, draining and oil processing.

Tanner & Hall, Phoenix, at $12,481 submitted second low bid.

CONTRACT AWARDED.

YAMHILL COUNTY, Oregon.—C. J. Montag & Sons, Worcester Building, Portland, at $43,640 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for the construction of a composite pile trestle over Chehalem Creek on the West Side Pacific Highway near the south city limits of Newberg, Yamhill County; U.S.P.W. Project No. NRH 52-A.

Complete bids follow:

C. J. Montag & Sons, Portland	$43,640
Hofman Const. Co., Portland	44,060
Shattuck & Neland, Portland	44,444
Tom Lillebo, Readsport	44,693
Portland Bridge Co., Portland	45,775
Harold Blake, Portland	46,806
Mt. States Const. Co., Eugene	47,415
Northwest Roads, Portland	47,771
Parker - Schram, Portland	50,727
Oregon Const. Co., Portland	52,425
Guthrie McDougall, Portland	53,651

LOW BIDDERS.

SAN BERNARDINO COUNTY, Cal.—B. G. Carroll, 4396 Maryland Street, San Diego, at $64,147.50 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about two miles grading and paving with Portland cement concrete in San Bernardino County between Riverside Avenue and Colton.

United Concrete Pipe Corp., Los Angeles, at $66,631 submitted second low bid.

Third low bid was submitted by Oswald Bros., Los Angeles, at $67,942.50.

BIDS WANTED.

CLARK COUNTY, Nev.—Until Mar. 13, 2:45 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of an asphaltic roadmix surface in Clark County from the junction of Route 6 to Logandale, a length of 6.12 miles.

The work involves:

(1) 93.555 gals. asphaltic road material, Type SC-2;
(2) 36.50 tons do, Type MC-2;
(3) 6.10 miles roadmix;
(4) 6.10 miles finishing roadway.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

CONTRACT AWARDED.

SAN DIEGO COUNTY, Cal.—Southwest Paving Co., 712 Lankershim Bldg., Los Angeles, at $11,105 awarded contract by State Highway Commission, Sacramento, for 1.1 miles of surfacing with bituminous treated crushed gravel or stone on Hill St. between Wisconsin Ave. and Eighth St., Oceanside, San Diego County.

BIDS WANTED.

NAVAJO COUNTY, Arizona.—Until March 21, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for 3.776 miles of grading on Section A of Federal Lands Highway Project No. 6, the Globe-Showlow Highway, Navajo County, Arizona.

The work involves:

(1) 27 acres clearing;
(2) 149,200 c.y. unclass. excavation;
(3) 2480 c.y. do, for structures;
(4) 6000 c.y. do, for borrow;
(5) 110,000 sta. yds. overhaul;
(6) 1900 c.y. mi. borrow haul;
(7) 3.776 miles finishing roadway;
(8) 674 c.y. Class A concrete;
(9) 75,150 lbs. reinforcing steel;
(10) 305 c.y. cement rubble masonry;
(11) 2420 l.f. corrugated metal pipe;
(12) 2 each cattle guards;
(13) 1400 l.f. remove existing fence;
(14) 3738 l.f. new fence;
(15) 10,312 l.f. Type I protection ditch.

Specifications obtainable from Bureau of Public Roads, 802 Title and Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

CONTRACT AWARDED.

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $1,567 awarded contract by the Department of Public Works, City Hall, for the improvement of Kramer Place between Greenwich St. and the southerly termination of Kramer Place, and Pardee Alley between Kramer Place and Grant Ave.

Complete bids published February 28.

CONTRACT AWARDED

BAKER COUNTY, Oregon—United Contracting Co., Stock Exchange Bldg., Portland, at $22,191 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for 0.63 miles pavement resurfacing on Tenth St.-Powder River Unit, Baker Section of Old Oregon Trail, U.S.P.W. Project NRM 154-E, in Baker County. Complete bids follow:

United Cont. Co., Portland	$22,191
Kern & Kibbe, Portland	22,911
Northwest Rds Co., Portland	23,292

CONTRACT AWARDED

YAMHILL COUNTY, Ore.—Edlefsen-Weygandt Co., 1308 S. W. Front St., Partland, at $31,465 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for 0.38 mile grading and paving on the Newberg-Chehalem Creek Section of West Side Pacific Highway, in Yamhill County. U.S.P.W. Projects Nos. NRM 52-A and NRH 52-B. Complete bids follow:

Edlefsen Weygandt, Portland	$31,465
Joplin & Eldon, Portland	34,675
Parker Schram, Portland	35,197
Harold Blake, Portland	37,985
E. C. Hall, Eugene	38,557

BIDS OPENED

WASCO COUNTY, Oregon——Edelfsen-Weygandt Co., 1308 S. W. Front, Portland, at $51,458 submitted low bid to the Oregon State Highway Commission, Portland, February 28, for 1.23 miles grading, surfacing and penetration type bituminous macadam wearing surface, and 432 lin. ft. of pavement widening and surfacing on the West Entrance of The Dalles Section of Columbia River Highway, in Wasco County. U.S.P.W. Projects Nos. NHR 36-A and 36-C. Complete bids follow:

Edlefsen-Weygandt, Portland	$51,458
Kern & Kibbe, Portland	64,788
United Cont. Co., Portland	64,866
Parker Schram, Portland	72,463
Joplin & Eldon, Portland	85,267
A. C. Greenwood Co., Portland	89,733

All bids held under advisement.

CONTRACT AWARDED.

JACKSON COUNTY, Ore. — Mountain States Const. Co., Eugene, at $21,386 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28 for 0.45 mile grading, paving and pavement widening and re-surfacing on the Gold Hill Section of the Pacific Highway in Jackson County; U.S.P.W Project No. NRM 131-G.

Complete bids follow:

Mountain States Const. Co., Eugene	$21,386
United Contr. Co., Portland	22,226
Jacobsen-Jensen, Portland	22,336
R. I. Stuart & Son, Medford	22,477
Northwest Roads Co., Portland	22,822

CONTRACT AWARDED.

CLATSOP COUNTY, Ore.—Edlefsen-Weygandt Co., 1308 SW Front, Portland, at $29,680 submitted low bid and awarded contract by the Oregon State pavement widening and re-surfacing Highway Commission, Portland, Feb. 28, for 0.89 mile grading, paving and on the Florence Ave.—Erie Ave. Unit, Astoria Section of the Oregon Coast Highway in Clatsop County; U.S.P.W. Project No. NRM 194-B.

Complete bids follow:

Edlefsen-Weygandt, Portland	$29,680
G. F. Anderson, Astoria	31,644
Northwest Roads Co., Portland	34,672
United Contr. Co., Portland	35,760

BIDS OPENED.

MARION CO., Ore.—J. C. Compton, McMinnville, at $33,609 submitted low bid to Oregon State Highway Commission, Portland, February 28, for .27 mile oil mat surface treatment; 61 miles surfacing and penetration type bituminous macadam wearing surface and furnishing crushed rock or gravel in stockpiles on the Salem-Pringle Creek Section of Morningside Secondary Highway in Marion County; U.S.P.W. Project No. NRS 243.

Complete bids follow:

J. C. Compton, McMinnville	$33,609
Saxton & Looney, Corvallis	36,407
Oregon Contr. Co., Portland	36,969
Northwest Roads, Portland	38,323
Babler Bros., Portland	39,050
Harold Blake, Portland	44,687

All bids held under advisement.

CONTRACT AWARDED.

LANE CONTY, Oregon.—Edlefsen-Weygandt Co., 1308 SW Front Street, Portland, at $22,775 submitted the low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for 0.53 mile pavement widening on the Fifteenth St.-Sixth Street Unit, Junction City Section, in Lane County; U.S.P.W. Project No. NRM 105-B.

Complete bids follow:

Edlefsen-Weygandt, Portland	$22,775
Northwest Roads Co., Portland	23,452
Mountain States Const. Co., Eugene	23,987
Parker Schramm, Portland	26,037
United Contr. Co., Portland	27,041
Jacobsen-Jensen, Portland	27,065

BIDS OPENED.

POLK COUNTY, Ore.—Oregon Contracting Co., Board of Trade Building, Portland, at $9,190 submitted low bid to the Oregon State Highway Commission, Portland, February 28, for 0.22 mile pavement widening and resurfacing and 0.19 mile grading, surfacing and penetration type bituminous macadam wearing surface on the Rickreall Creek-Coast Junction Unit, Dallas Section of Salem-Dallas Highway in Polk County; U.S.P.W. Project No. NRS 249.

Complete bids follow:

Oregon Contr. Co., Portland	$ 9,190
J. C. Compton, McMinnville	10,251
Babler Bros., Portland	10,251

Bids held under advisement.

CONTRACT AWARDED.

BAKER and Union Cos., Ore.—Quinn Robbins Co., Boise, Idaho, at $12,750 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for furnishing approximately 6,000 c.y. crushed rock in stockpiles on North Powder Haines Rock Production Project on Old Oregon Trail, in Baker and Union Counties; state project.

Complete bids follow:

Quinn Robbins Co., Boise	$12,750
A. A. Hardesty, Portland	14,537
Brent Sturgill, Portland	16,000
A. S. Wallace, Roseburg	15,000

BIDS WANTED.

LYON COUNTY, Nev.—Until Mar. 13, 2:30 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of an asphaltic roadmix surface in Lyon County, from 2 miles east of Moundhouse to Silver City, a length of 3.44 miles.

The work involves:

(1) 64,597 gals. asphaltic road material, Type SC-2;
(2) 22.66 tons do, Type MC-2;
(3) 3.44 miles roadmix;
(4) 3.44 miles finishing roadway.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $15,547 awarded contract by the State Highway Commission, Sacramento, for highway construction in Imperial County, between E. Highline Canal and Sand Hills, about 21 miles in length, shoulders to be graded and bituminous treated screened gravel or stone borders constructed.

BIDS WANTED.

LOS ANGELES CO., Calif.—Until March 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.5 mile paving with either asphalt concrete or portland cement concrete and shoulders surfaced with plant mixed surfacing, medium curing type between Prairie Avenue and Commercial Street, Inglewood, Los Angeles County.

The work involves:

(1) 350 M. gals. water;
(2) 13,000 sq. yds. subgrade preparation;
(3) 2,000 tons mineral aggregate (plant mixed surfacing);
(4) 105 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing);
(5) 15 tons liquid asph. MC-2 (prime coat);
(6) 15 each manholes adjusted to grade;

Alternative Items
(Central 40-ft. Portion)
Alternative "A"

(7) 5,400 tons asphalt concrete;

Alternative "B"

(8) 2,420 c.y. Class A Portland cement concrete (pavement);
(9) 600 each pavement dowels;
(10) 32,00 lbs. bar reinf. steel (pavement).

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

A bidder is required to submit a bid on one alternative, and may, but is not required to, submit bids on both alternatives.

The contract will be awarded, un-

SAN BERNARDINO CO.—2 mi. Grade & Pave—(State)

SAN BERNARDINO COUNTY, Cal.—B. G. Carroll, 4396 Maryland Street, San Diego, at $64,147.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about two miles grading and paving with Portland cement concrete in San Bernardino County, between Riverside Ave. and Colton. The work involves:

(1) 42,000 c.y. rdwy. excav., unclass.;
(2) 89,000 sta. yds. overhaul,
(3) 13,000 c.y. selected material;
(4) 290 c.y. structure excavation;
(5) 23,300 sq. yds. subgrade for pave.
(6) 4,700 c.y. Class A Portland cement concrete (pavement);
(7) 25 c.y. Class A do (structure);
(8) 14,200 lbs. bar reinf. steel (pavement and structures);
(9) 6,300 each pavement dowels;
(10) 230 l.f. 18-in. CMP;
(11) 980 c.y. removing and disposing of concrete;
(12) 180 tons fuel oil (shoulders);
(13) 22,000 sq. yds. mixing and shaping shoulders;
(14) 22 tons asphaltic road oil (seal coat);
(15) 190 c.y. screenings (seal coat).
(16) 5,600 M gallons water
(17) 10,500 l.f. permanent traffic stripe
(18) 105 stations finishing roadway.
(19) 36 each monuments complete in place.

Total bids follow:

(A) B. G. Carroll, San Diego, $64,147.50.
(B) United Concrete Pipe Corp., Los Angeles, $66,631
(C) Oswald Bros., Los Angeles, $67,942.50.
(D) Mundo Engineering Co., Los Angeles, $68,070.
(E) Sharp & Fellows Contracting Co. Los Angeles, $70,509.
(F) Geo. Herz & Co., San Bernardino, $70,513.40.
(G) Geo. R. Cprtis Paving Co., Los Angeles, $71,064.20.
(H) Griffith Co., Los Angeles, $74,093.
(I) E. L. Yeager, San Bernardino, $70,543.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .195	$ .22	$ .29	$ .22	$ .27	$ .29	$ .253	$ .30	$ .33
(2)	.006	.01	.003	.006	.01	.01	.03	.01	.005
(3)	.70	.60	.63	.55	.75	.70	.75	.65	.58
(4)	.60	.75	1.20	.75	.70	.90	.75	.60	.85
(5)	.12	.12	.08	.10	.10	.08	.10	.10	.09
(6)	7.10	7.44	7.40	7.50	7.10	7.20	7.95	7.65	7.69
(7)	15.00	20.00	18.00	16.00	25.00	22.00	21.00	20.00	16.00
(8)	.07	.04	.07	.05	.04	.074	.076	.07	.07
(9)	.10	.12	.11	.11	.12	.10	.12	.11	.11
(10)	1.60	2.00	1.60	1.75	2.00	1.85	1.75	2.00	2.05
(11)	1.25	1.25	1.00	2.00	1.25	1.80	1.00	2.00	2.00
(12)	7.40	10.00	8.40	8.00	8.50	8.20	8.80	9.00	8.50
(13)	.04	.05	.045	.05	.05	.045	.06	.05	.05
(14)	14.00	16.00	15.00	16.00	17.00	16.00	15.00	16.00	16.50
(15)	2.75	2.95	3.75	3.00	3.50	3.60	3.60	3.00	3.40
(16)	.26	.25	.10	.60	.50	.40	.50	.75	.60
(17)	.13	.15	.22	.15	.17	.18	.25	.06	.20
(18)	4.00	3.00	3.00	6.00	6.00	2.50	3.00	5.00	5.00
(19)	3.00	3.00	2.75	2.00	3.00	2.60	3.00	2.50	2.50

YUBA COUNTY—WIDENING BRIDGES—(STATE)

YUBA COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at $42,143.40 submitted low bid to the State Highway Commission, Sacramento, for widening seven reinforced concrete bridges between Wheatland and Marysville, in Yuba County.

Bids were taken as follows:

(1) 2,500 c.y. structure excavation;
(2) 2,150 c.y. imported borrow;
(3) 75 c.y. existing surfacing to be removed and disposed of;
(4) 414 c.y. existing concrete to be removed and disposed of;
(5) 225 c.y. Class A Portland cement concrete (footing blocks);
(6) 1,210 c.y. Class A do (struc.);
(7) 165 c.y. do (slope paving);
(8) 238,000 lbs. bar reinf. steel;
(9) 175 tons crushed gravel or stone;
(10) 10 tons cut back asphalt;
(11) 1,674 l.f. temporary railing;
(12) 1,674 l.f. timber railing;
(13) 1 lot misc. items of work.

Total bids follow:

(A) M. A. Jenkins, Sacramento, $42,143.40.
(B) Lord & Bishop, Sacramento, $47,490.
(C) C. W. Caletti & Co., San Rafael, $48,916.75.
(D) Campbell Constr. Co., Sacramento, $53,537.30.
(E) M. B. McGowan, Inc., San Francisco, $59,136.
(F) E. T. Lesure, Oakland, $65,172.69.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .70	$ .80	$ 2.25	$ 2.25	$ 4.00	$ 2.80
(2)	.68	.80	.70	.70	.65	1.90
(3)	3.00	2.00	1.00	3.00	2.00	5.50
(4)	3.90	5.00	3.00	10.65	3.00	6.50
(5)	8.00	11.00	11.00	14.35	10.00	19.06
(6)	16.00	18.00	18.50	18.75	22.00	19.76
(7)	13.00	13.00	12.00	13.80	18.00	20.25
(8)	.041	.044	.04	.05	.04	.045
(9)	3.00	4.40	4.85	4.25	4.00	5.00
(10)	40.00	23.00	20.00	24.00	20.00	5.00
(11)	.40	.50	.50	.60	.80	1.91
(12)	.80	1.10	1.00	.70	1.00	2.00
(13)	1100.00	1000.00	550.00	900.00	1073.30	1264.00

E. M. HUNDLEY
Building Hardware Specialist
SARGENT BUILDERS' HARDWARE
Member Builders' Exchange
662 Mission Street San Francisco - Phone DOugias 6386-6387

less all bids are rejected, to the lowest responsible bidder for the work as a whole, irrespective of the alternative upon which his bid is based.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. * 9

BIDS WANTED.

SAN DIEGO COUNTY, Calif.—Until March 28, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 1.7 miles of grading and applying road mix surface treatment in San Diego County through The Narrows.

The work involves:

(1) 38,000 c.y. rdwy. excav., unclass.;
(2) 69,200 sta. yds. overhaul;
(3) 5,500 c.y. ditch and channel excavation;
(4) 5,200 c.y. imported borrow;
(5) 380 c.y. structure excavation;
(6) 454 l.f. 24-in. CMP;
(7) 68 l.f. 30-in. CMP;
(8) 90 l.f. existing CMP culvert removed, cleaned and relaid;
(9) 15 c.y. rubble masonry;
(10) 146 tons liquid asphalt, SC-2;
(11) 25 tons do (prime coat);
(12) 24,000 sq. yds. preparing, mixing, shaping and compacting roadbed, road approach and dips;
(13) 6,200 sq. yds. repairing, mixing, and shaping detour road and roadway slopes;
(14) 8 each culvert markers;
(15) 48 each monuments, complete in place;
(16) 90 stations finishing rdwy.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. * 9

CONTRACT AWARDED.

LANE COUNTY, Ore. — Northwest Roads Co., Park Rose, Portland, at $20,369 (tar) submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Feb. 28, for 3.3 miles surfacing and oil mat surface treatment, and furnishing crushed material in stockpiles on the Elmira Section of Territorial Secondary Highway in Lane County, U. S. P. W. Project No. NRS 247.

Complete bids follow:

OIL)

Northwest Roads Co., Portland	$20,539
Babler Bros., Portland	21,520
J. C. Compton, McMinnville	22,900

(TAR)

Northwest Roads Co., Portland	$20,369
Babler Bros., Portland	21,600
J. C. Compton, McMinnville	22,696

CONTRACT AWARDED

TILLAMOOK COUNTY, Oregon—Chas. H. Leonard, Albany, at $27,504 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, February 28, for 0.71 mile grading on the Necarney Creek Section of Oregon Coast Highway in Tillamook County. U.S.P.W. Project No. NRH 180-D. Complete bids follow:

Chas. H. Leonard, Albany	$27,504
Schmitt Const. Co., Portland	28,676
Coos-Bay Const. Co., Portland	29,242
Brent Sturgill, Portland	29,594
Edelfsen-Weygandt, Portland	31,364
Joplin & Eldon, Portland	32,426
F. C. Dillard, Medford	32,700
Johnston, Hansen & Johnston, Birkenfeld	35,400
G. F. Anderson Co., Astoria	37,540
United Cont. Co., Portland	43,104
A. C. Greenwood Co., Portland	44,490
Parker Schram, Portland	48,074

TULARE COUNTY — 6.1 Mi. Surfacing, Etc. — (State)

TULARE COUNTY, Cal. — L. A. Brisco, Arroyo Grande, at $19,263.25 submitted low bid to the State Highway Commission, Sacramento, for the construction of crusher run base borders & bituminous treated surfacing applied on about 6.1 miles in Tulare County, bet. one mile and seven miles east of Tulare.

Bids were taken as follows:

(1) 1,500 c.y. rdwy. excav., unclass.;
(2) 1,500 c.y. crusher run base (borders);
(3) 18 tons fuel oil, SC-1A;
(4) 225 tons emulsified asphaltic road oil (bituminous surf. treatment)
(5) 2,350 tons screenings (do);
(6) 30 tons emulsified asphaltic road oil (seal coat).

Total bids follow:

(A) L. A. Brisco, Arroyo Grande, $19,263.25.
(B) Gogo & Rados, Los Angeles, $20,247.
(C) E. A. Forde, San Anselmo, $21,-906.
(D) Baisch Bros., Torrance, $23,490.
(E) Steward & Nuss, Inc., and John Jurkovich, Fresno, $23,810.
(F) Peninsula Paving Co., San Francisco, $23,981.50.
(G) A. Teichert & Son, Inc., Sacramento, $25,672.
(H) Granite Constr. Co., Watsonville $25,930.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .40	$ .60	$ 1.00	$ 1.00	$ 1.00	$ .95	$ .90	$ .70
(2)	3.15	4.50	4.50	5.50	4.80	5.30	5.95	6.00
(3)	11.50	9.00	11.00	10.00	20.00	13.00	15.00	12.00
(4)	23.75	21.00	19.60	20.00	25.00	24.00	24.00	22.00
(5)	3.25	3.00	3.60	3.60	3.50	3.55	3.82	4.24
(6)	25.00	22.00	19.60	20.00	30.00	21.00	25.00	25.00

LOS ANGELES COUNTY—3.4 Mi. Grade & Pave—(State)

LOS ANGELES, Cal.—Los Angeles Paving Co., Inc., 3200 E. Vernon Ave., Los Angeles, at $111,222, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.4 miles grading and paving with Portland cement concrete in Los Angeles County bet. Winter Canyon and Las Flores Canyon. The work involves:

(1) 178 stations clearing and grubbing right of way;
(2) 63,300 c.y. rdwy. excav., unclass.
(3) 93,000 mile yards overhaul;
(4) 700 c.y. structure excavation;
(5) 32,100 square yards subgrade for pavement;
(6) 6,405 c.y. Class A Portland cement concrete (pavement);
(7) 220 c.y. Class A do (structures);
(8) 42 c.y. Class A do (curbs);
(9) 3 c.y. Class A do (bridge railing)
(10) 35,000 lbs. bar reinf. steel (pavement and structures);
(11) 8,700 each pavement dowels;
(12) 500 tons mineral aggregate plant mixed surfacing;
(13) 25 tons liquid asphalt plant mixed surfacing;
(14) 1,800 sq. yds. asph. paint binder
(15) 500 tons fuel oil (shoulders and detours);
(16) 53,000 sq. yds. mixing and shaping shoulders;
(17) 70 tons asphaltic road oil (seal coat);
(18) 700 tons screenings (seal coat);
(19) 360 l.f. 18-in. reinf. conc. pipe;
(20) 40 l.f. 24-in. reinf. concrete pipe;
(21) 760 c.y. removing and disposing of concrete;
(22) 750 M. gals. water;
(23) 1.6 miles new property fence;
(24) 2.0 miles moving and resetting property fences;
(25) 8 each fence gates;
(26) 20 each culvert markers;
(27) 178 stations finishing rdwy.;
(28) 28 each monuments.

Total bids follow:

(A) L. A. Paving Co., Los Angeles, $111,222.
(B) P. J. Akmadzich, Los Angeles, $117,426.
(C) Sharp & Fellows Contracting Co., Los Angeles, $117,535.
(D) United Concrete Pipe Corp., Los Angeles, $118,131.
(E) Dimmitt & Taylor, Los Angeles, $123,340.
(F) Geo. R. Curtis Paving Co., Los Angeles, $124,058.50.
(G) Griffith Co., Los Angeles, $127,-965.
(H) Oswald Bros., Los Angeles, $134,-305.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 6.00	$ 4.00	$ 5.00	$ 5.00	$ 10.00	$ 1.15	$ 12.00	$ 2.50
(2)	.32	.45	.38	.49	.48	.53	.50	.60
(3)	.11	.07	.10	.07	.10	.066	.16	.075
(4)	1.00	1.25	1.00	1.00	1.20	.75	1.10	1.60
(5)	.12	.11	.12	.12	.12	.10	.12	.12
(6)	7.30	8.10	8.10	7.90	8.00	8.37	7.53	8.90
(7)	21.00	23.00	22.50	20.00	18.00	21.00	20.00	20.00
(8)	14.00	12.00	16.00	15.00	17.50	14.40	12.00	15.00
(9)	65.00	60.00	60.00	60.00	65.00	60.00	80.00	60.00
(10)	.06	.055	.04	.04	.06	.06	.06	.06
(11)	.15	.12	.11	.12	.12	.12	.12	.11
(12)	4.00	3.50	4.20	2.30	3.20	3.80	3.00	3.00
(13)	15.00	4.00	12.00	15.00	14.00	15.00	30.00	14.00
(14)	.02	.02	.03	.02	.03	.22	.02	.03
(15)	9.75	8.50	8.00	8.50	8.50	9.65	7.50	8.50
(16)	.055	.05	.06	.06	.05	.06	.06	.05
(17)	16.00	14.00	16.00	15.00	14.00	13.50	12.00	15.00
(18)	2.75	3.50	3.50	2.20	3.00	3.00	4.00	3.75
(19)	2.75	2.25	2.70	3.00	2.40	2.30	2.50	2.30
(20)	3.25	3.00	3.50	3.50	3.30	3.35	3.00	3.00
(21)	2.50	1.00	1.50	1.50	3.00	1.40	1.00	1.50
(22)	1.00	1.00	1.00	.50	1.00	1.00	1.10	2.40
(23)	500.00	400.00	500.00	500.00	400.00	480.00	600.00	500.00
(24)	300.00	200.00	280.00	250.00	160.00	300.00	400.00	400.00
(25)	16.00	20.00	20.00	15.00	15.00	18.00	20.00	20.00
(26)	3.50	4.00	2.00	3.00	2.50	2.40	3.00	2.50
(27)	5.00	4.00	5.00	6.00	4.00	3.00	5.00	2.50
(28)	3.00	4.00	3.00	3.00	3.50	3.00	5.00	3.00

CONTRACT AWARDED.

GILA and Navajo Cos., Ariz. Lee Moor Contr. Co., 807 Bassett Tower Bldg., El Paso, Texas, at $185,075.28 awarded contract by the Arizona State Highway Commission, March 4, for highway construction on the Globe-Showlow Highway, NRH 99-1 (1935) A.F.E. 6054. The work (which is to begin about 56½ miles northwest of Globe and extend northeasterly about 4½ miles) consists of grading and draining.

CONTRACT AWARDED.

COCONINO COUNTY, Ariz.—Hodgman & MacVicar, 714 Plymouth Road, Pasadena, Calif., at $35,004.33 awarded contract by the Arizona State Highway Commission, March 4, for highway construction on the Flagstaff-Fredonia Highway NRH 95-J, AFE 8956. The work, which is to begin approximately 38⅔ miles north of Flagstaff and extend northerly about five miles, consists of grading and draining and placing of select material and aggregate base course.

CONTRACT AWARDED.

MARICOPA COUNTY, Ariz.—Phoenix-Tempe Stone Co., P. O. Box 1645, Phoenix, awarded contract by Arizona State Highway Commission, Phoenix, March 4, at $68,785 for highway construction on AFE 8958. The work, which begins at Six Points in Phoenix, extends six miles to the city limits of Glendale, consists of the widening of roadway and lengthening of drainage structures.

Tanner & Hall, Phoenix, submitted second low bid at $80,953.

BIDS WANTED

LOS ANGELES, Cal.—Until March 27, 10 A. M., new bids will be received by the Los Angeles Board of Public Works for the improvement of El Modena Ave. between Figueroa Street and Colorado Blvd., by the construction of 8-inch permanent pavement 56 ft. wide, consisting of 2-inch Warrenite Bitulithic wearing surface on 6-in. asphaltic concrete base, 40 ft. wide, and 8-in. concrete pavement 7 feet wide on each side to serve as gutters, together with curbs and sidewalks.

The work involves:

(1) 17,250 cu. yds. excavation and 2,534 cu. yds. fill, including removal of existing improvements;
(2) 452 sq. ft. of concrete pave., 8-in. thick (local depressions);
(3) 39,411 sq. ft. of concrete pave 7-in. thick;
(4) 9818 sq. ft. Warrenite Bitulithic pavement of variable thickness, consisting of asphaltic concrete base of variable thickness (average 3- and 2-in. Warrenite Blt. wearing surface;
(5) 116,676 sq. ft. of Warrenite Blt pavement, 7-in. thick and consisting of 5-in. asphaltic concrete base and 2-in. Warrenite Blt. wearing surface;
(6) 858 sq. ft. of Warrenite Bitulithic pavement, 7-in. thick, consisting of 5-in. concrete base and 2-in. Warrenite Blt. wear. surf.;
(7) 3332 sq. ft. of Warrenite pave. of variable thickness, consisting of asphaltic concrete base of variable thickness (average ½-in.) and Warrenite Blt. wearing surface of variable thickness (average 1½-in.);
(8) 3863 sq. ft. of Warrenite Blt. pavement 4-in. thick, consisting of 2-in. asph. concrete base and 2-in. Warrenite Blt. wearing surface;
(9) 19,415 sq. ft. of rock and oil surface, 4-in. thick;
(10) 5634 lin. ft. unplastered light curb
(11) 310 lin. ft. unplastered light white curb;
(12) 28,091 sq. ft. concrete walk, 3-in. thick;
(13) 704 sq. ft. do, 4-in. thick;
(14) 1,649 sq. ft. do, 6-in. thick;
(15) 540 sq. ft. concrete gutter, 7-in. thick;
(16) 167 sq. ft. comb. gutter, 7-in. thick;
(17) 21 sq. ft. do, 6-in. thick;
(18) 1771 sq. ft. of white concrete traffic lines, 7-in. thick, consisting of 2-in. white concrete on 5-in. asphaltic base;
(19) 3 red reflectors, Highway Bull's Eye, 5⅝-in. in dia. or equal;
(20) storm drain and appurtenances, complete, not including local depressions, exclusive of storm drain at intersection of Colorado Blvd. and El Modena Ave.;
(21) storm drain and appurtenances at intersection of Colorado Blvd. and El Modena Ave., complete, not including local depressions;
(22) sanitary sewer & appurtenances, complete, not including house connections;
(23) 551 lin. ft. 6-in. house connection sewers;
(24) 208 lin. ft. 6-in. do as per Detail "A" on plan No. D-3542;
(25) 40 lin. ft. 6-in. do as per Detail "B" on plan No. D-3542;
(26) ornamental lighting conduit installation, complete in place;
(27) 10 manholes to be rebuilt, including the removal of 2½ vertical feet of manholes and the reconstruction of 11.8 vertical feet of manholes.

REMOVALS
5,520 feet curb;
8,700 sq. ft. walk;
79,120 sq. ft. pavement;
300 sq. ft. gutter;
20 trees.

BIDS OPENED.

LOS ANGELES COUNTY, Calif.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $56,149.80 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 0.7 mile grading and paving with Portland cement concrete and asphalt concrete in the cities of Long Beach and Signal Hill, between Stanley Ave. and Loma Ave.

Complete bids follow:

(A) Sully-Miller Contracting Co., Long Beach, $56,149.80.
(B) Griffith Co., Los Angeles, $57,868.40.
(C) Oswald Bros., Los Angeles, $59,784.50.
(D) Geo. R. Curtis Paving Co., Los Angeles, $60,598.20.
(E) United Concrete Pipe Corp., Los Angeles, $66,711.00.

Unit bids will be given shortly.

AWARD RECOMMENDED.

COCONINO COUNTY, Arizona—Lee Moor Contracting Co., 807 Bassett Tower Bldg., El Paso, Texas, at $95,050 submitted low bid and recommended for award of contract by the Bureau of Public Roads, Phoenix, for lacing a bituminous treated crushed rock surfacing on 14.437 miles of Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino Co., Arizona.

Tanner-Hall Co., Phoenix, at $96,790 submitted second low bid, and Reynolds-Ely Const. Co., Springville, Utah at $99,600 submitted third low bid

Engineer's estimate, $117,400.

Nine bids were received in all, and complete bids will be given shortly

VALLEJO — NAPA ROAD IMPROVEMENT — (CITY)

VALLEJO, Solano Co., Cal.—Independent Construction Co., Ltd., 46th Ave. and Clement St., Oakland, at $19,567 submitted low bid to Vallejo City Council, City Hall, for the improvement of Napa Road from the northern line of Tennessee Street to the northern boundary of the city, including all intervening crossing.

Bids were taken as follows:

(1) 1026 cu. yds. grading;
(2) 800 cu. yds. structure excavation;
(3) 25,645 sq. ft. subgrade preparation;
(4) 620 tons crusher run sub-base;
(5) 540 tons asphaltic concrete base, 4-inch;
(6) 600 tons asphalt concrete top, 2-inch;
(7) 484 cu. yds. Portland cement concrete;
(8) 1910 lin. ft. curb bar;
(9) 916 lin. ft. 15-in. CMP;
(10) 903 lin. ft. 12-in. CMP;
(11) 11 drainage inlets;
(12) 1 manhole, CIP;
(13) 6750 lbs. reinforcing steel;

Total bids follow:

(A) Independent Constr. Co., Ltd., Oakland, $19,567.
(B) R. R. Carlson, Vallejo, $19,931.20.
(C) A. G. Raisch, San Francisco, $20,424.95.
(D) Lee J. Immel, Berkeley, $20,470.90
(E) Ransome Co., Emeryville, $20,520.35
(F) Charles L. Harney, San Francisco, $20,542.12.
(G) W. E. Lyons Constr. Co., Alameda, $21,000.
(H) Pacific States Constr. Co., San Francisco, $21,518.97.
(I) C. C. Wood, Stockton, $22,652.05.
(J) Valley Paving & Construction Co., Fresno, $23,736.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .75	$ 1.12	$ 1.00	$ .90	$ .60	$ .55	$ .40	$ .90	$ 1.25	$ .90
(2)	.90	1.35	1.00	1.00	.80	1.00	.80	.85	1.50	1.00
(3)	.01	.03	.01	.02	.01	.01	.01	.015	.03	.02
(4)	1.80	2.20	2.70	1.80	1.96	2.20	1.80	2.05	2.70	2.00
(5)	5.25	5.00	5.00	6.40	6.60	7.50	6.00	6.65	5.16	5.00
(6)	6.50	6.00	5.50	7.00	7.36	7.70	8.00	6.90	7.00	9.00
(7)	12.15	11.00	13.25	11.00	12.00	10.00	13.00	14.50	12.50	12.00
(8)	.25	.20	.20	.20	.22	.16	.25	.17	.30	.30
(9)	1.60	1.53	1.75	1.60	1.50	1.75	1.70	1.35	1.80	3.00
(10)	1.20	1.25	1.50	1.50	1.20	1.25	1.35	1.50	1.50	2.00
(11)	60.00	54.00	45.00	40.00	55.00	50.00	50.00	46.00	55.00	60.00
(12)	90.00	90.00	70.00	150.00	175.00	80.00	94.90	57.50	90.00	150.00
(13)	.045	.05	.05	.05	.05	.047	.05	.05	.06	.06

U. S. POSTAGE
PAID
San Francisco, Calif

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

S. F. Pipeline Tunnel Bids April Third

To Wreck 39 Houses on Bridge Route

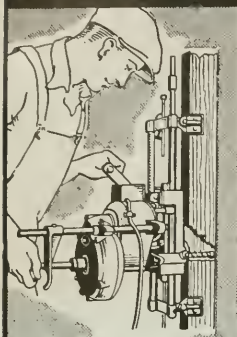
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

RCH 16, 1935

Vol. XVIII—No. 11

WAPPAT Electric TOOLS



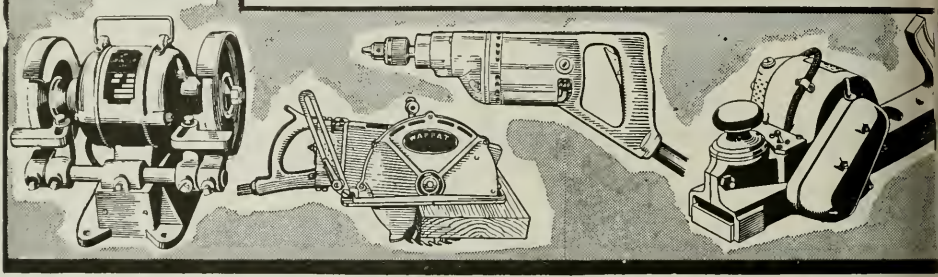
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MARCH 16, 1935 No. 11

WESTERN TILE ASSN. FORMED BY CONTRACTORS

Regional Organization To Publish Standard Specification Manual

Formation of the Western States Tile Contractors Association was effected at a conference in San Francisco this week of tile men from eleven western states. Peter D Donlon of San Francisco, was elected president of the new regional organization.

Working with the manufacturers, the association will undertake immediately to prepare a manual of specifications for tile installation which will aid architects and general contractors to obtain work of uniform quality. The board of directors is authorized to name a committee of three contractors and three manufacturers to prepare the specification book which will be published and distributed by the association.

Endorsement of the NRA Code for Tile Contractors also was voted by the conference. H. R. Cole, executive secretary of the Tile and Mantel Contractors of America and chairman of the national code authority, was one of the principal speakers at the convention. The western association will be affiliated with the national organization. Mano Zan, code coordinator for the state contractors license bureau, Lloyd Flatland, chairman of the code coordinating committee, and Rex Daddisman, general custodian of the San Francisco Central Bid Depository, described the bid depository system as it is operating in Northern California. The local tile contractors are using the central depository for filing duplicate bids and it is expected that the same system will be installed in other regions under supervision of district administrative committees.

They elected the following directors and officers:

Peter D. Donlon, San Francisco, president; H. B. Shofner, Portland, vice-president; J. A. Broxhome, Los Angeles, second vice-president; C. A. Rigney, Oakland, secretary-treasurer; Frank A. Cassal, Salt Lake City; Chas. Rich, Stockton; Wm Eldridge, Los Angeles.

ELECT TWELVE MEMBERS ON OAKLAND BOARD

Bertelsen Honored by Exchange on Occasion of Retirement

Twelve directors of the Oakland Builders' Exchange were chosen to serve during 1935 at the annual meeting and election held Tuesday. W. G. Thornally, general contractor whose name did not appear on the printed ballot and for whom a last minute "write - in" campaign was conducted, lead the ticket.

Others elected are: W. E. McGrath, McGrath Steel Co.; H. J. Christensen, general contractor; Ralph King, W. T. King & Sons; A. J. Gibson, California Stucco Products Co.; R. D. Watson, Fredrickson & Watson Const. Co.; F. D. Moller, insurance; H. W. Gentry, Chas. S. Hughes Co.; A. J. Balger, insurance; Bud Kennedy, Rhodes & Kennedy, Inc.; J. A. Fazio, plumbing contractor; Geo. S. Thurman, Fireproof Wall Co.

A life membership in the Exchange was presented to S. J. Bertelsen, general contractor, who is retiring as president after three successive terms. The presentation in behalf of the membership was made by William Makin at the annual meeting.

Greenwood Heads A.G.C. Chapter For Another Term

George Greenwood, manager of the San Francisco office of P. J. Walker Co., was re-elected president of Central California Chapter, Associated General Contractors, at the annual meeting of the board of directors.

Mr. Greenwod succeeds himself as president of the chapter, having served during the first seven months after the chapter was organized last year. Other officers also were re-elected. They are: W. E. Lyons, vice-president; Curtis E. Smith, treasurer. Other members of the board of directors are Henry H. Hilp and K. E. Parker.

William E. Hague was re-appointed secretary-manager.

39 HOUSES ON BRIDGE ROUTE TO BE WRECKED

Division Of Highways Will Take Bids For Removal of Oakland Residences

Bids are to be received by Col. Jno. H. Skeggs, district highway engineer, March 18, for sale and removal of 39 buildings in Oakland and Emeryville now located on the San Francisco-Oakland Bay Bridge approach right-of-way This is the first large wrecking job to be advertised by the Department of Public Works in connection with the Eastbay sector of the bridge.

The buildings to be disposed of are at various locations on Peralta Adeline, 38th, 34th, 32nd, 11th, Cypress, Beach streets and Moss Ave. They are principally one- and two-story single-family residences and flats.

All of them will be available between April 1 and June 1. Successful bidders will be required to clear the site within fifteen days after acceptance of their bid

Bidders may make offers for one or more complete items, as is and where is, but must specify a price for each item. No lump sum bids will be considered.

The buildings may be inspected during any working day upon application to the Division of Highways office, 3473 Helen street, Oakland. Bids will be received and opened at the Bay Bridge Commission office, 500 Sansome St., San Francisco, at 2 P. M., March 18.

PLUMBERS OPENING EAST BAY DEPOSITORY

Opening of a bid depository for the Plumbing Industry, Zone 11, comprising Oakland, Piedmont and Alameda, is announced by R. D. Fearey, secretary of the local code compliance board.

The depository is located in the Collection Department, Bank of America, Twelfth and Broadway, Oakland. It is in charge of H Reinhart, custodian. Filing of duplicate bids will be required effective Mar. 18. Copies of the depository rules are obtainable from the office of the secretary, 1075 Fortieth street, Oakland.

TEICHERT LOW AT $216,175 ON GUADALUPE DAM

Ten Contractors Offer Bids For Santa Clara Conservation Project

SAN JOSE, March 13.—A. Teichert & Son, Inc., Sacramento firm of highway and engineering contractors, today submitted the lowest bid received by the Santa Clara Valley Water Conservation District for constructing Guadalupe dam. The low bid was $216,175. Ten contractors submitted bids.

Following are the bids received:

A. Teichert & Son, Inc., Sacramento	$216,175
Peninsula Paving Co., S. F.	221,742
Sharp & Fellows, Los Angeles	230,033
A. J. Raisch, San Jose	237,865
Macco Const. Co., Clearwater	239,095
Fredrickson & Watson Const. Co., Oakland	239,869
N. M. Ball, Berkeley	247,790
W. A. Bechtel, San Francisco	260,060
Utah Const. Co., San Francisco	275,452
Mittry Bros., Los Angeles	286,702

The contract is for constructing an earthfill dam requiring an estimated 515,000 cubic yards of material in place, 50,000 cubic yards stripping, 140,000 square feet of concrete facing and constructing a concrete spillway requiring 40,500 square feet of concrete lining, 265,000 pounds reinforcing steel and 800 cubic yards concrete in spillway and outlet works.

The dam site is on Guadalupe Creek, about 12 miles south of San Jose and 7 miles southeast of Los Gatos. The dam will be 730 feet in length at the crest, 100 feet in height and will store 3500 acre feet of water.

Guadalupe dam is one of six similar structures being constructed by the district for the storage and control of flood waters. Percolation from the detention reservoirs will maintain a higher water level in wells from which irrigation water is drawn for farms of the northern Santa Clara valley.

Four other dams are under contract as follows:

Vasona Dam and Canal, Carl N. Swenson, San Jose, $100,943.

Almaden-Calero Dams and Almaden-Calero Conduit, F. O. Bohnett, and D. McDonald, Sacramento, $372-020.

Stevens Creek Dam, F. O. Bohnett,, Campbell, and D. McDonald, Sacramento, $174,670.

Specifications are being completed by Chief Engineer Fred H. Tibbetts for the Coyote Dam, largest of the six to be constructed, and bids will be asked on this unit shortly. The district has $2,683,000 in bond proceeds and PWA grant to finance its construction program.

Bids were received today also for fabricating and furnishing gates, valves and appurtenances for the outlet control works at each dam. Bids for the eight gate units were submitted as follows: Joshua Hendy Iron Works, San Francisco, $21,-279; Pelton Water Wheel Co., San Francisco, $27,920; Water Works Supply Co., San Francisco, $29,044.

THREE NEVADA CONTRACTS LET

CARSON CITY, Nev.—March 13.—Fredrickson & Watson Construction Co., Oakland, today was awarded a contract for construction of 28 miles of highway between Schurz and a point south of Fallon, at $167,846. Second low bid was submitted by Peninsula Paving Co., San Francisco, at $179,869.

Nevada Highway Directors also received bids and awarded contracts to U. B. Lee, San Leandro, Calif., at $6,042 for 3.4 miles of roadmix surfacing in Lyon county and at $8,904 for roadmix surfacing on six miles in Clark county.

S. F. PIPELINE TUNNEL WORK BIDS APRIL 3

Reservoir Connection Will Require 4050-foot Bore In Three Units

Proposals for construction of the Crystal Springs Pipe Line Tunnels, to carry a pipe line extension from Crystal Spring reservoir in San Mateo county to the University Mound reservoir in San Francisco, will be opened Wednesday, April 3, by the Public Utilities Commission.

The contract calls for construction of three tunnels, two in San Mateo county and one in San Francisco, having a total length of 4,050 feet.

The tunnels will carry 60-inch steel pipe, and between the pipe and the tunnel walls concrete will be poured, the tunnels having inside diameters of sufficient size to insure a minimum concrete thickness of eight inches.

Tunnel No. 3, in San Francisco, will be 2,287 feet long. Tunnels 1 and 2, in San Mateo county, will be 1.429 feet and 334 feet long, respectively.

Bids are being taken in three schedules, as follows: Schedule A, for construction of tunnels 1 and 2, involving excavation of 1775 feet of tunnels and lining 1763 feet with steel pipe and concrete; Schedule B, for construction of tunnel No. 3, involving 2293 feet of tunnel excavation and 2287 feet of lining with steel pipe and concrete; and Schedule A-B, for construction of all three tunnels, involving 4068 ft. of tunnel excavation and 4050 feet of steel pipe and concrete lining.

The project is being undertaken as a portion of the city's PWA-financed program of waterworks improvements.

Plans and specifications are available at the office of the San Francisco Water Department, 425 Mason street, upon deposit of $20.

FIVE NEVADA ROAD PROJECTS ON CALENDAR

Directors Authorize Bid Calls For Construction Contracts

Bids on five contracts for highway construction and improvement will be opened in the next two weeks in Carson City by the Nevada State Highway Directors. Proposals for three of the contracts are to be opened March 22 and for the remaining two March 27.

Projects on which bids are being received include road construction and both gravel and asphalt surfacing. They are located as follows:

Clark County: Construction of 10.-18 miles of the highway from Las Vegas southeast, Route 5, Section D1. The work will require approximately 59,800 cubic yards roadway excavation, 25,900 tons of crushed gravel or stone surface, 1546 feet of corrugated metal pipe, 75,947 gallons asphalt road material, and other items. Bids open March 22.

Lincoln County: Construction of 16.21 miles of highway between Alamo and four miles east of Crystal Springs, Route 7, Section B1. The work involves, among other major items, approximately 190,000 cubic yards roadway excavation, 53,900 tons crushed gravel or stone surface, 6426 feet of corrugated metal pipe, and 16,990 feet of fencing Bids open March 22.

Lyon County: Construction of 9.-45 miles of highway between the Washoe-Lyon county line and five miles northeast of Fernly, and between Fernly Overpass and a point approximately 1½ miles south, Routes 1 and 2, Sections A1, A2, A3, A4 and B. The work involves 59,-660 cubic yards roadway excavation, 141,115 station yards overhaul, 20,065 cubic yards select borrow, 42,803 cubic yards imported borrow, 30,060 tons plant mixed crushed gravel or stone base, 17,170 tons plant mix asphalt surface, 2914 feet of corrugated metal pipe, 2378 feet of 8-inch perforated underdrain, and numerous other items. Bids open March 22.

Esmeralda and Mineral Counties: Construction of 20.86 miles of highway. Work involves major items of approximately 65,800 cubic yards roadway excavation, 35,804 station yards overhaul, 31,121 cubic yards select borrow, 84,500 tons crushed gravel or stone surface, 2112 feet of corrugated metal pipe, and others. Bids open March 27.

Nye County: Surfacing with asphalt road mix about 16.61 miles between the California state line and the junction with the Death Valley road. The work will require about 304,600 gallons asphalt road material, roadmix and finishing the roadway. Bids open March 27.

S. F. EXCHANGE TO ELECT 1935 BOARD MAR. 18

Eleven Directors Will Be Chosen In Annual Vote Of Members

The annual meeting of the San Francisco Builders' Exchange will be held March 18, Wm. H. George, president, announced yesterday. Election of eleven directors from a slate of thirteen nominees to serve for the ensuing year is scheduled for the same date.

Following are the candidates and crafts they represent:

Joe Ahlbach, plumbing and heating; J. W. Bender, roofing; Chas. W. Carle, reinforcing steel dealers; R. J. H. Forbes, concrete contractors; W. H. George, building material dealers; Wm. G. Gilmour, master plasterers; Fred H. Green, sheet metal; Emil Hogberg, masons and builders; E. M. Hundley, unorganized; Jos. B. Keenan, marble dealers; J. D. McGilvray, cut stone contractors; H. N. Patterson, ornamental iron; A. H. Wilhelm, general contractors.

Election polls will open at noon and close at 3 o'clock.

The annual meeting will open at 11 A. M. Reports of officers will be received at 1 o'clock.

PLEDGES CONTINUE AFTER DRIVE ENDS

Although the original canvass of the city has been completed, officials of the Santa Rosa better housing campaign report pledges for modernization are still being received, the total amount pledged thus far amounting to approximately $235,000. It is expected that the final "follow up" drive will bring the total to $250,000, or two and one-half times the amount originally set as a goal for the campaign.

About 1780 men have been employed on work created by the drive thus far, campaign officials estimate, the work being divided among the various trades as follows:

Painting, 20 per cent; carpentering, 16 per cent; papering, 8 per cent; plumbing, 7 per cent; roofing, 7 per cent; alterations, 6 per cent; electricians, 6 per cent, and miscellaneous, 28 per cent.

ASSEMBLY PASSES NEVADA LICENSING

A bill to license all contractors in the state of Nevada has passed the assembly of the state legislature and now goes to the senate for final action. The act is similar to that establishing registration of contractors in California. Under existing legislation Nevada requires licensing of public works contractors only.

OPEN BIDS ON TUNNEL ARCH

LOS ANGELES, March 14. — Sharp & Fellows Contracting Co. of Los Angeles today submitted the lowest of sixteen bids to the State Highway Engineer for construction of a reinforced concrete tunnel arch at Ocean and Colorado avenues and grading and paving about two-tenths of a mile in Los Angeles county. Their figure was $190,723. Second low bid was submitted by M. B. McGowan, Inc., of San Francisco, and C. W. Caletti of San Rafael, bidding jointly, at $195,733.

V. R. Dennia Construction Co. of San Diego at $38,990 submitted low bid for grading and paving eight-tenths of a mile in San Diego county. A. S. Vinnell Co. of Los Angeles was low bidder for grading and treating with fuel oil about one and seven-tenths miles in Ventura county, at $27,729.

ASK BIDS ON REPLACEMENT OF S. F. MAINS

Four Contracts Advertised By Water Department For March 20

Bids are to be opened March 20 on four contracts advertised by the San Francisco Public Utilities Commission for laying cast iron water mains in various sections of the city.

Two of the contracts call for laying six- and eight-inch mains and the remaining two for laying 12- and 16-inch feeder mains.

In the southwest section of the city a total of 7,160 feet of 12-inch and 22,080 feet of 16-inch feeder mains will be placed. Among the principal items included under this contract are excavation and backfill of trenches 24 inches wide by 41 inches deep for the 12-inch pipe and 30 inches wide by 48 inches deep for the 16-inch pipe, installation of 75,680 pounds of gate valves and fittings, 8,150 feet of bell and spigot joints, 76,470 square feet of repavement.

In the easterly section of the city 12,930 feet of 12-inch and 9-220 feet of 16-inch feeder mains will be laid. Work under this contract includes excavation and backfill for pipe trenches, installation of 41,780 pounds of gate valves and fittings, 6,200 feet of bell and spigot joints and 53,800 square feet of repavement.

The other two contracts on which bids are being taken call for laying 28,750 feet of six- and 1,890 feet of eight-inch pipe in the area from Funston Ave. to Thirty-fifth Ave. and Quintara to Wawona Streets, and 23,790 feet of six- and 11,000 feet of eight-inch mains in area bounded by Fulton Street, El Camino Real, Twenty-sixth Ave. and Forty-eighth Ave.

JOHN HACHMAN LOW BIDDER ON SONOMA SCHOOL

Stockton Contractor Bids $62,-800 For Construction of Grammar Building

John Hachman, P. O. Box 206, Stockton, yesterday submitted the low bid to trustees of the Healdsburg Elementary School District for construction of the Healdsburg grammar school building. Amount of the low figure was $62,800.

Low bid for clocks and a signal system for the building was submitted by International Business Machine Corporation of San Francisco at $1,890. Daimo Sales Corporation of San Francisco was low bidder on window hardware with a proposal of $1,000.

The school, plans for which were prepared by Architect John I Easterly of Healdsburg, will be one-story frame and stucco building, and will contain 13 classrooms and an auditorium to seat 600. The work includes composition and tile roofing and a steam heating system.

Total bids submitted on the general contract were:

John Hachman, Stockton	$62,800
Carl N. Swenson, San Jose	65,540
H. E. Vickroy, Stockton	68,563
N. H. Sjoberg & Sons, S. F.	68,584
Samuel Eyre, Tracy	70,166
Monson Bros., San Francisco	71,200

Bids were opened last week for construction of the Healdsburg high school building. Monson Brothers of San Francisco submitted the low figure at $72,400. Plans for the high school were also prepared by Mr. Easterly.

Pictorial Model of Bay District Being Constructed

SERA workers are preparing a huge pictorial model of the San Francisco Metropolitan Area.

This project sponsored by the Eastbay Regional Park District will show the existing, proposed, and recommended parkways, arterials, transportation, recreation centers, bayshore development, industries, railroads, etc.

The model, of the same type as that in the Ferry Building, will be executed by SERA architects, artists, sculptors, mechanics and various craftsmen. Work-relief will be afforded for appoximately 70 men and women at a total cost of $5,064.

Miss Julia Mesic, artist, will supervise the work. According to C. F. B. Roeth, Acting Director of Alameda County SERA, the model will be based on findings of the National Park Service, collected over a period of several years.

COLUSA COUNTY BLDRS. EXCHANGE IS ORGANIZED

Name Earle Watson President Of Valley Craft Organization

Organization of the Colusa County Builders' Exchange has been completed with election of Earle L. Watson of Colusa, president, and the choosing of other officers.

Charter members approved a constitution and by-laws similar to those of the Chico Exchange and other valley groups. Provision is made for a board of directors of thirteen chosen from eleven different crafts and two elected at-large. Between 40 and 50 members are expected to compose the exchange.

Initiation fees are to be $2.50, with dues of 50 cents a month.

W. J. Franke, Williams contractor, was elected vice-president, and Jas. Blean, Colusa mill man, secretary-treasurer.

Present at the organization meeting were:

James Blean, J. E. Steele, Gene Steele, E. C. Fitch, Fayette Fitch, Frank Stowell, Harry Staple, Geo. Mannee, F. H. Bressler, Earle L. Watson, A. G. Brown, A. C. Bales, Fred Muttersbach, L. S. Lewis, Hudson Ford, W. G. Brill and Z. Bransford.

APPROVE REPEAL OF ALTERNATE BID LAW

The State Senate Roads & Highways committee has recommended for passage Senate Bil 233 sponsored by Senator Leonard J. Difani, Riverside, which would repeal the act passed by the last legislature requiring the State Highway Commission to call for alternate bids on portland cement concrete and asphalt concrete paving.

Senator Difani told the committee that the act prevented highway engineers from taking into consideration the maintenance costs of both types of paving and they were compelled to award on the basis of the lowest bid price for construction.

CEMENT WEIGHT MARKING CHANGED

Change in the method of making cement sacks to indicate the net content has been ordered by C. E. Tucker, chief of the division of weights and measures, State Department of Agriculture. In the future cement sacks must be marked to show the net content in pounds, with a tolerance of 2 percent plus or minus allowable.

Under the former system of marking the sacks by cubic foot measurement it has been found difficult to compute the volume of cement in terms of pounds, according to Mr. Tucker. Variations as high as 30 per cent have been found, he stated.

7500 Visitors In Oakland Exhibition Home First Day

Opening of an exhibition home built by Eastbay contractors and material dealers attracted 7500 visitors the first day, according to R. W. Breuner, chairman of the committee in charge.

The house is located at Twenty-second street and Broadway, Oakland. It will be open for a period of six months, daily from 11 A. M. to 10 P. M.

George Windsor, general contractor, and 49 leading Eastbay firms built the home from plans prepared by Architects Miller & Warnecke. Design and contracting service, landscaping and materials all were donated. Labor throughout was paid for at prevailing rates. The Home Planning Bureau, a non-profit organization, handled the project.

"The Eastbay's exhibition home will have a definite influence upon the homes to be built in Greater Oakland," said Chairman Breuner. "By example, it will lead the way to homes that are better built and in which better materials are used For this home proves conclusively that a fine residence need not cost one cent more than one that is poorly planned and poorly built."

Following are the sponsoring firms:

Bendell Glass Co., Boorman Lumber Co., Bruener's, California Nursery Co., Crane Co., W. S. Dickey Clay Mfg. Co., Golden Gate Sheet Metal Works, Merrick's, Inc., Wallpaper, Rigney Tile Co, Roberts Lighting Fixture Co., Ry-Lock Co., Bigelow-Sanford Mills, B. Simon Hardware Co., Sunset Lumber Co., A. Van Heerdon Co., painting, Miller & Warnecke, George Windsor, Lannom Brothers Mfg. Co., Atkinson Planing Mill, Pacific Coast Fence Co., Eureka Mill & Lumber Co., Frigidaire, Hogan Lumber Co., Hoyt Heaters, Co. Ltd., Karpen Bros., Matheny Sash & Door Co., Oakland Lumber Co., National Mill & Lumber Co., Pacific Gas & Electric Co., Wedgewood Stoves, Sheehan-Ballard Planing Mill, Inc., Western Door & Sash Co., Strable Hardwod Co., White Bros., Hardwood Hdqrs., E. K. Wood Lumber Co., Smith Lumber Co., Zenith Mill & Lumber Co., Bank of America, Central Bank of Oakland, Anglo-California Bank, American Trust Co., Mason-McDuffie Co., Mitchell & Austin, Inlaid Floor Co., Bear Floor Co., Hague Sash and Door Co., Oakland Planing Mill, Inc., Armstrong Linoleum Co., Winfield S. Thomas, Apex-Rotarex Mfg. Co.

LOS GATOS HOUSING CAMPAIGN UNDERWAY

The canvass now being conducted by workers in the Los Gatos modernization drive in three days had secured pledges amounting to $20,325, according to campaign officials, and the total of pledges obtained thus far is over $40,000. It is expected that the goal of $75,000 pledged for property improvements will be passed in the near future.

SOUTH TOWER 45% COMPLETE THIS WEEK

Roebling Preparing To Spin Cables As Steel Contractor Speeds Work

Preparatory work for the spinning of cables of the Golden Gate Bridge is underway, Chief Engineer Joseph B. Straus wil report to the Board of Directors of the Golden Gate Bridge and Highway District this week.

Meanwhile, the South pier is rising steadily, and will reach a height of 340 feet by mid-week, or 45 per cent complete.

A passenger elevator was installed in the tower last week, operating from the bottom of the creeper truss, or erecting derrick, to the top for use of workmen. Approximately 8000 tons of steel has been erected to date, and nearly 100,000 rivets driven.

More than 42,000,000 pounds of structural steel has been rolled and processed for the South tower, and 53,000,000 pounls shipped or delivered, including 2000 tons which arrived on the steamer Penmar. The total fabricated to date represents 77 per cent of the total requirements.

Crews of John A. Roebling Sons Company, cable contractors, are busy erecting equipment near the Marin pier site, and will be ready to spin cables when the South tower is completed. About 228 tons of cable wire were produced last week bringing the total to 62 per cent of needs.

Shop work on other steel parts, such as eye-bars for the cable anchorages, is progressing steadily. Concreting and other work about the San Francisco and Marin anchorages is going ahead and pylon construction at both sites is making progress.

Piles are being driven for piers of the high viaduct of the Presidio approach, and forms being built for the low viaduct. Work of replacing military structures within the Presidio will start within 15 days, Strauss said.

Approximately 1,000 men were employed on the project in the bay district last week, including field and shops, with a peak of 409 at the site, including an average of 230 on the tower.

PLAN DEMONSTRATION HOUSE IN SACRAMENTO

Construction of a $7,000 demonstration house in Sacramento to encourage new home building under provisions of the National Housing Act will be started in the near future, according to plans approved this week by the newly elected officers and directors of the Modernize Sacramento committee.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
89	Halsen	Owner	4000
90	Cuthbert	Lindsay	3000
91	Standard	Owner	3000
92	Standard	Owner	3000
93	Allesandri	Owner	3000
94	Peterson	Owner	3000
95	S F	Hopper	18000
96	Rice	Mattock	10000
97	Rowle	Salomon	1900
98	Wobber	Zinkand	7000
99	Standard	Owner	3000
00	Clark	Unit	1800
01	Pacific	Ostlund	6000
02	Rothin	Sartorio	6502
03	Grahn	Owner	2800
04	Standard	Owner	3000
05	Stark	Peterson	3000
06	Felton	Irwin	3000
07	Mohler	Owner	3500
08	Roberts	Owner	2000
09	City	Owner	9000
10	Kelly	McSheehy	1381

DWELLING
(189) E FOURTEENTH AVE 165 S Santiago St. One-story and basement frame dwelling.
Owner—A. Halsen, 2427 25th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(190) W SAN JOSE AVE. 50 N Pilgrim St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 110 Duboce Ave., San Francisco. $3000

DWELLING
(191) S LAWTON ST. 88 W 29th Ave. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(192) S LAWTON ST. 57 W 29th Ave. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(193) W MADRID 175 S Brazil; one-story and basement frame dwelling.
Owner—Martin C. Allesandri, 849 Madrid Street.
Architect—R. R. Irvine, 3431 Market Street. $3,000

DWELLING
(194) W 14th AVE 25 N Judah St.; 1-story and basement frame dwelling.
Owner—Arvid Peterson, 1620 Eighth Avenue.
Architect—Not Given. $3000

ALTERATIONS
(195) 2555 MISSION ST.; alter theatre.
Owner—San Francisco Wigwam Theatre Co., 25 Taylor Street.
Architect—F. F. Amandes, 1879 18th Avenue.
Engineer—Wm. Adrian, Traders Bldg.
Mgr. of Const.—A. Hopper, 1769 Pleasant Valley, Oakland. $18,000

ALTERATIONS
(196) 2829 VALLEJO St., alter dwelling.
Owner—J. Rice, % contractor
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara St. $10,000

ALTERATIONS
(197) SW BATTERY and Clay St., alter printing plant.
Owner—Allen Bowle, % contractor
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick Street $1900

DWELLING
(198) S UNION ST. 110 W Scott St. Two-story and basement frame dwelling.
Owner—Eleanor M. Wobber, % Architect.
Architect—Albert A. Schroepfer, 241 Kearny St., San Francisco.
Contractor—Edward Zinkand & Sons 667 36th Ave. $7000

DWELLING
(199) E THIRTY-THIRD AVE. 200 S Judah St. One-story and basement frame dwelling.
Owner — Standard Builing Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(200) NO. 1065 MARKET ST., Alter store.
Owner—Clark Gandlon Co., Inc., 1108 Market St., San Francisco.
Architect—Not Given.
Contractor—Unit Bilt Fixture Co., 963 Harrison St. $1800

ALTERATIONS
(201) S SUTTER ST. 197 W Stockton St. Alter offices.
Owner — Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Not Given.
Contractor—Ostlund & Johnson, 1901 Bryant St., S. F. $6000

ALTERATIONS
(202) NO. 206 FIRST ST. Alter commercial building.
Owner — Bothin Real Estate Co., % Contractor.
Architect — Vincent G. Rainey, 233 Post St., San Francisco.
Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.
Contractor—Peter Sartorio, 681 Market St., San Francisco. $6502

DWELLING
(203) E TOCALOMA ST 370 N Blankin St. One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $2800

DWELLING
(204) E THIRTY-THIRD AVE. 225 S Judah St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(205) W HAMPSHIRE ST. 125 S 22nd St. One-story and basement frame dwelling.
Owner—G. Stark, 1024 Hampshire St., San Francisco.
Architect—Not Given.
Contractor — Gust L. Peterson, 1286 26th St., San Francisco. $3000

ALTERATIONS
(206) NO. 275 BRANNAN STREET Alter warehouse.
Owner—The Felton Co., 216 Pine St., San Francisco.
Architect—Not Given
Contractor—J. J. Irwin, 1040 Oak St. San Francisco. $3000

DWELLING
(207) E TWENTY-EIGHTH AVE. 313 N Cabrillo. One-story and basement frame dwelling.
Owner — Thos. E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(208) SE BAKER AND VALLEJO Sts. Alter dwelling.
Owner—P. E. Roberts, 2849 California St., San Francisco.
Architect—Not Given. $2000

ADDITION
(209) GOLDEN GATE PARK, Kezar Pavilion. Type C steel and concrete addition to pavilion.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Engineer — Thomas F. Chace, Claus Spreckels Bldg., S. F.
SERA Job. $9000

REPAIRS
(210) NO. 1206 FELL ST. Repair fire damage to apartments.
Owner—Alfred R. Kelly, 220 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace. $1381

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
131	Kulchar	Owner	1760
132	Crocker	Owner	5000
133	Leekins	Owner	4000
134	Boynton	King	2800
135	Bunten	Kraus	1500
136	Twelfth	Morris	3500
137	Henslee	Henderson	1500
138	Reiningham	Owner	5000
139	Reiningham	Owner	5000
140	Papasian	Waldenan	1500
141	Ungaretti	Owner	6000
142	Bates	Owner	3000

DWELLING
(131) NO. 2817 THIRTY - EIGHTH Ave., **OAKLAND.** One-story 2-room dwelling.
Owner—Frank Kulchar, 2815 38th Ave., Oakland.
Architect—Not Given. $1760

DWELLING
(132) NO. 5967 CONTRA COSTA RD **OAKLAND.** Two-story six-room dwelling.
Owner—H. L. Crocker Jr., 30 Wilding Lane, Oakland.
Architect—E. L. Snyder, Berkeley. $5000

DWELLING
(133) NO. 3268 FLORIDA STREET, **OAKLAND.** One-story six-room dwelling.
Owner—C. W. Leekins, 4181 Moraga Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(134) No. 20 DELMAR ST., **BERKELEY.** Two-story 5-room frame dwelling and garage.
Owner—Roy Boynton, 18 Delmar St., Berkeley.

Architect—M. Goodman.
Contractor—Geo. F. King, 2522 College Ave., Berkeley. $2800

ALTERATIONS
(135) 929 28th ST., OAKLAND; alterations and addition.
Owner—C. A. Bunten, 929 28th Street, Oakland.
Architect—Not Given.
Contractor—W. J. Kraus, 1310 Marin Ave., Berkeley. $1,500

ALTERATIONS
(136) NO. 127 TWELFTH ST., OAKLAND. Alterations.
Owner—Twelfth and Oak Bldg. Corp., 367 17th St., Oakland.
Architect—R. D. Dalton, 4040 Laurel Ave., Oakland.
Contractor—R. E. Norris, 4247 Piedmont Ave., Oakland. $3500

ADDITION
(137) NO. 332-334 FOURTEENTH ST. OAKLAND. Brick addition.
Owner—C. A. Henslee Corp., Solano Ave., Berkeley.
Architect—Not Given.
Contractor — H. H. Henderson, 393 40th St., Oakland. $1500

DWELLING
(138) NO. 119 EL CAMINO REAL, BERKELEY. Two-story 6-room frame dwelling and garage.
Owner—B. Keiningham, 732 Santa Fe Ave., Berkeley.
Architect—Not Given. $5000

DWELLING
(139) NO. 117 EL CAMINO REAL, OAKLAND. Two-story six-room frame dwelling and garage.
Owner—B. Keiningham, 732 Santa Fe Ave., Berkeley.
Architect—Not Given. $5000

DWELLING
(140) NO. 1131-A FRESNO STREET BERKELEY. One-story 3-room frame dwelling.
Owner—L. Papasian, Premises.
Architect—W. W. Dixon.
Contractor — A. E. Waldenan, 2823 Birdsall St., Berkeley. $1500

DWELLING
(141) N MELVIN ROAD LOT 19 BLK 17, OAKLAND. Two-story seven-room dwelling.
Owner—Chas. Ungaretti, 1727 Foothill Blvd., Oakland.
Architect — Ray Keefer, 770 Wesley Ave., Oakland. $6000

DWELLING
(142) NO. 4059 WATERHOUSE RD., OAKLAND. One-story five-room dwelling.
Owner—V. W. Bates, 4051 Agua Vista Ave., Oakland.
Architect — A. Laubet, 2641 Dwight Way, Berkeley. $3000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

50	Twohey	Tipton	105
51	Both:n	Sartorin	6502

ALTERATIONS
(50) NO. 679 TWENTY-THIRD ST. All work for painting, etc. for dwelling.
Owner — Peter J. and Genevieve L. Twohy, Premises.
Architect—Not Given.
Contractor—Tipton & Soanes.
Filed Mar. 7, '35. Dated Feb. 25, '35.
TOTAL COST, $105
Bond $105. Surety, The Fidelity & Casualty Co. of New York. Forfeit, none. Specificaalons only filed.

ALTERATIONS
(51) NO. 206 FIRST ST. All work for removing top story and portion of second story of building, and reconstruct same for one-story and mezzanine with reinforced concrete front.
Owner—Bothin Real Estate Co., % Contractor.
Architect—Vincent G. Raney, 233 Post St., San Francisco.
Contractor—Peter Sartorio, 681 Market St., San Francisco.
Filed Mar. 12, '35. Dated Mar. 9, '35.
On 10th of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, $6502
Bond, $6502. Surety, United States Fidelity & Guaranty Co. Limit, 60 calendar days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

10	Associated	Lynn	2990
11	Great Western	Maurer	5500

REMOVE STATION
(10) NE TWELFTH AND ALICE Sts., Oakland. All work for removing filling station.
Owner—Associated Oil Co., 2395 Webster St., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount St., Berkeley.
Filed Mar. 7, '35. Dated Mar. 5, '35.
10 days after completion..... 75%
Usual 35 days..... 25%
TOTAL COST, $2990
Bond, $2990. Surety, Standard Accident & Insurance Co. Limit, 30 days Forfeit, none. Plans and specifications filed.

ALTERATIONS
(11) 1706 BROADWAY, Oakland; alterations.
Owner—Great Western Power Company, premises.
Architect—Not Given.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.
Filed March 9, '35. Dated Feb. 21, '35.
Completion 75% of labor and material cost.
Usual 35 days, balance.
TOTAL COST, $5,500.00
Bond, $5500. Sureties, Massachusetts Bonding Co. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER shed, $10; No. 374 Richland (rear); owner, George Harcourt, Premises.
REPAIR fire damage to flats, $300; 158 Lexington St.; owner, Mr. Peri, % Contractor; contractor, L. Salomon, 1735 Broderick St.
FENCING, $300; 1710 Harrison Street; owner, Thompson Bros., 553 Howard St.
ALTER flats, $490; 907-909 Haight St.; owner, D. G. Kohn, 905 Haight.
ALTER flats, $150; 2834 Octavia St.; owner, A. Christiani, Premises; contractor, G. Ferrani & Sons, 1966 Filbert St.
ALTER restaurant, $600; 505 Valencia St.; owner, James J. Lee Inc., 505 Valencia St.
REPAIR fire damage to dwelling, $950 160-162 Lexington St.; owner, W. Joyce, 162 Lexington St.; contractor, J. J. Irwin, 1040 Oak.
SIGN, electric, $175; 664 Jackson St.; owner, Hong Kong Inn., Prem.; contractor, Wonderlite, 170 Otis Street.
ALTER store and flats, $200; 1549 California St.; owner, A. Silversteln, 424 Kearny St.
ALTER restaurant, $400; 314 Bay Shore; owner, Bert Cannucci, 314 Bay Shore.
SIGN, $20; 902 Market St.; owne Gray's Clothing, Prem.; contra tor, Al Laih, 1279 Eddy St.
REPAIR fences, $5; E Jones a Houston Alley; owner, C. J. a A. Savasta and S. Ciancinnino, 8 Chestnut St.
ALTER store, $150; 1775 Fulton St owner, Harold Cowan and Ge Milikean, Prem; contractor, Roy Show Case Co., 770 McAllister.
ALTER dwelling, $850; 560 Secon Ave.; owner, Mrs. Thos. Smith 318 5th Ave.; contractor, Stanc ard Concrete Constr. Co., 30 Geary St.
SIGN, electric, $150; 112 Columbu Ave.; owner, A. Damerique, Pren contractor, Wonderlite, 170 Otis.
SIGN, electric, $175; 737 Post Street owner, Class A Garage, Premise contractor, Wonderlite, 170 Otis.
ALTER flats, $300; 2742 Bush Srteet owner, John I. Gromeeko, 208 Sutter St.

ALTER apartments, $225; 1840 Fell owner, J. H. Pitt, 1846 Fell St.
SHED, one-story frame, $50; SE 25th St. and Virgin Alley; owner, Albert Gressing, 3220 26th St.
BILLBOARD, $6.25; SE Judah St. and 20th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50; W Folsom St. 120 S 16th St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; E Eighth St. 90 S Howard St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; NE Geary and Boyce Sts.; owner, Foster and Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; NE Geary St. & Sixth Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.
BILLBOARD, $25; S Irving St., bet. 22nd and 23rd Aves.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER garage, $100; 1151 York St.; owner, Manuel Gomez, Premises; contractor, Bay Shore Concrete Co., 164 Filbert St.
REPAIR fire damage to dwelling, $200 648 Ashbury St.; owner, Alex Olson, 386 Church St.; contractor, Arvid Peterson, 1620 8th Ave.
ALTER dwelling, $90; 579 27th Ave.; owner, Amy J. Hand, 579 27th Ave
SIGN, $20; 1067 Market St.; owner, United Shoe Repairing, Premises; contractor, Laib, 7th and Folsom.
SIGN, $20; 245 Van Ness Ave. South; owner, M. Steven, Premises; contractor, Dagget, 335 Van Ness Ave., South.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $400; 5620 College Ave., Oakland; owner, N. K. Wolson, Prem.; contractor, C. H. Thrams, 28 Home Place.
ALTERATIONS, $47; 2233 E-20th St., Oakland; owner, M. Hart, Prem.
STORE, one-story frame, $400; 4237 Piedmont Ave., Oakland; owner, J. M. Maurer, 4215 Piedmont Ave.
ALTERATIONS, $50; 3917 Telegraph Ave., Oakland; owner, M. J. Kerins, Prem.; contractor, L. C. Sullivan Co., 3909 Loma Vista Ave.
SIGN, roof, $15; NW 14th Ave. and E-15th St., Oakland; owner, Richfield Oil Co., 13th and Franklin.
ALTERATIONS, $100; 3240 Lorenzo St., Oakland; owner, J. Russell, Premises; contractor, Otto Henning, 3527 Suter St.
ALTERATIONS, $100; 5943 Shafter Ave., Oakland; owner, A. Brett, Premises.
ALTERATIONS, $450; 2012 San Pablo Ave., Oakland; owner, W. Newell Prem.; contractor, D. N. Hillery, 6548 Telegraph Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contracts Awarded.

APARTMENTS Cost, $7000
SAN FRANCISCO. S Santiago 32 E 14th Avenue.
Two - story and basement frame and stucco apartments.
Owner—Miss Anna C. Sutkamp, 2320 Funston Avenue.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Lumber and Mill Work—Greater City Lumber Co., 3123 Mission St.
Plumbing—Daniel Hayes, 1200 Fulton Street.
Plastering—B. Crespi, 650 De Haro St.
Sheet Metal and Heating—Lowell Davison, 375 Monterey Blvd.
Wiring — Herzog Electric Works, 243 Paris Street.

Contract Awarded.

REPAIRS Cost, $1500
SAN FRANCISCO. 1206 Fell Street.
Repair fire damage to apartments.
Owner—Alfred R. Kelly, 220 Montgomery Street.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace.

2— BONDS

BONDS SOLD

SANTA BARBARA COUNTY, Cal.—Santa Ynez Valley Union High School District's $65,000 bond issue has been sold and funds will be available in about 30 days for the new school plant to be erected in the district. Plans are nearing completion in the office of Architect E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, and bids for construction will be called for early in April. The plant will consist of an administration and classroom building, home economics building, central heating plant and a shower and locker room building. They will be wood frame and stucco structures with tile roofs. Total cost of the improvements is estimated at $93,600, a government grant of $28,600 having been made to the district.

BONDS FOR SALE.

FORESTVILLE, Sonoma Co., Cal.—Forestville Elementary School District will sell bonds in the amount of $3,000 on March 28. Proceeds to finance the construction of additions at the Forestville Elementary School.

3— CHURCHES

Contract Awarded.

DIOCESAN HOUSE Cost, $40,000
SAN FRANCISCO. Sacramento and Mason Streets.
Two-story reinforced concrete diocesan house (slate roof, steam heating system, steel sash, etc.)
Owner—Grace Cathedral.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Planned.

ADDITION Cost, $2500
PATTERSON, Stanislaus Co., Calif.
Addition to church building.
Owner—Evangelical Covenant Church, Patterson.
Architect—Not Given.

Preparing Working Drawings.

CHURCH Cost, $30,000
NORTH SACRAMENTO, Sacramento Co., Cal.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked about April 15.

Low Bidder

AUDITORIUM Cont. Price, $11,390
SAN FRANCISCO. Oakdale Avenue (All Hallows Church).
One-story auditorium to seat 500; frame and stucco construction, tar and gravel roof, wood trusses maple floors, gas radiators, nu-wood interior walls and ceilings, etc., (50x100 feet).
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—John J. Foley, 770 5th Ave San Francisco.
Green St., San Francisco.
Contract will be awarded shortly.
Low Bidder — H. J. Keneally, 2175

4— FACTORIES & WAREHOUSES

STRUCTURAL STEEL CONTRACT AWARDED.

SAN DIEGO Cal.—Consolidated Steel Corp., Los Angeles, awarded contract for structural steel to be used in the tower portion of the Ford Motor Co. exhibit building to be erected at the California Pacific International Exposition in San Diego. Pacific Coast Steel Corp., Los Angeles, has been awarded a contract for the structural steel to be used in the superstructure of the Ford building. As previously reported, B. O. Larsen, 1340 E St., San Diego, has the contract for the reinforced concrete foundations, basement and main floor of the structure. The general contract for the superstructure has not yet been awarded. Plans were prepared by the architectural department of the exposition, Balboa Park, San Diego.

Plans Being Figured.

ADDITION Cost, $100,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (144,000 sq. ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner—Port of Stockton Grain Terminal Assn. (Eugene B. Wilkinson, president), Stockton.
Plans by Engineering Dept. of Owner.
Bid opening date will be announced shortly. Plans and specifications may be obtained from the owner.

Contract Awarded.

ALTERATIONS Cost, $4,000
SAN FRANCISCO. Brannan and Japan Streets (275 Brannan St.)
Alterations to warehouse.
Owner—The Felton Co., 216 Pine St.
Architect—Not Given.
Contractor—J. J. Irwin, 1040 Oak St

BIDS WANTED

PITTSBURG, Contra Costa Co., Cal.—The Shell Chemical Co., Drawer F, Pittsburg, % Irving C. Roth, Engineering Department, is taking informal sub-bids under Inquiry No. C-139, involving the following approximate quantities:

(1) 4000 cu. yds. cut and fill;
(2) 600 cu. yds. reinforced concrete;
(3) 20 tons reinforcing steel;
(4) 140,000 B.M. No. 1 common lumber;
(5) 20 57-ft. 0-in. span steel trusses;
(6) 50 tons fabricated structural steel;
(7) 240 squares slate roofing;
(8) 700 squares composition shingle siding;
(9) Rough hardware and carpenter work;
(10) Steel sash;
(11) Glazing and mill work.

To Ask Bids March 11.

ADDITION Cost, $100,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (144,000 sq. ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner—Port of Stockton Grain Terminal Assn. (Eugene D. Wilkinson, president), Stockton.
Plans by Engineering Dept. of Owner.
Plans and specifications will be available from the owners on March 11. No deposit required.

COMMISSIONED TO PREPARE PLANS.

LOS ANGELES, Cal.—Architect Albert C. Martin, 233 Higgins Bldg., has been commissioned by the California Walnut Growers' Association to prepare plans for a large walnut storage warehouse to be erected on a 15-acre tract on the south side of Fruitland Ave., between Pacific Blvd. and Soto St., for the association. G. B. Ridley, association engineer, is in charge of details for the owner. The building will be a one-story, U-shaped structure, 700 feet long and 420 feet wide, with a floor area of 280,000 square feet. It will have steel columns and steel trusses supporting a mill construction type roof, fireproof walls (probably concrete) wood purlins, heavy wood roof deck, composition roofing, metal skylights, steel sash, metal doors, electrical work, plumbing etc. There will be no sprinkler nor heating equipment. Concrete floors are specified, to be built at the height of railroad car floors. The building will be served by four railroad tracks, one along each outside platform and two extending through the center of the structure. Although it has not been determined how construction will be handled nor when work will be started it is proposed to have the building ready for occupancy August 15.

Contract Awarded

ALTERATIONS Cost, $—
SAN FRANCISCO, 206 First Street
Alterations to factory.
Owner—Bothin Real Estate Co., 604 Mission Street.
Architect—Vincent J. Raney, 233 Post Street.

Structural Engineer—Norman Green, 55 New Montgomery Street.
Contractor—Peter Sartorio, Monadnock Bldg., San Francisco.

To Ask Bids Shortly.
PLANT AND WAREHOUSE
Cost including equip., $25,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor (40x50-ft.)
Three - story galvanized iron bean-cleaning plant and warehouse.
Owner—Haslett Warehouse Company, 280 Battery Street, San Francisco (Mr. Howell in charge).
Plans by Engineering Dept. of Owner.
It is planned to ask bids in a week or ten days.

Bid Opening Date Postponed Until March 27.
PACKING PLANT Cost. $20,000
SANTA CLARA, Santa Clara Co., Cal.
Two-story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Bids are being taken from a selected list of contractors.

Planned.
CANNERY PLANT Cost, $300,000
MOUNTAIN VIEW, Santa Clara Co., Cal. Alma Road (12 acre site).
Cannery plant (300x500 feet) capacity of 500,000 cases per day.
Owner—Allan Cutler, Inc., 2065 Cowper St., Palo Alto.
Architect—Not Selected.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. SW Battery and Clay Streets.
Alterations to printing plant.
Owner—Allen Bowie, % Contractor.
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick St., San Francisco.

Planned.
DISTILLERY Cost, $60,000
SALEM, Oregon.
Owner—Columbia Distilleries, Inc. (J. E. Wood, 404 Pittock Block, Portland, Ore.) manager.
Architect—Not Given.
A federal permit was granted to the Columbia Distilleries to operate the proposed plant.

Plans Completed.
ADDITION Cost, $100,000
SEATTLE, Wash. 3100 Airport Way.
Addition to brewery (4-story reinforced concrete structure, 53x83 ft.) tile interior, cork insulation; will house 69 steel tanks and 24 fermenting vats.
Owner—Century Brewing Co. 3100 Airport Way, Seattle.
Architect — Joseph Wohleb, Olympia, Washington.
Engineer—W. H. Witt Company, Lloyd Bldg., Seattle.
Contractor—A. W. Quist Co., Exchange Bldg., Seattle (probable contractors).

6—GARAGES & SERVICE STATIONS

Planned.
SERVICE STATION Cost, $7500
BERKELEY, Alameda Co., Calif. Chestnut and University Ave.
Reinforced concrete and brick veneer service station.
Owner—Rio Grande Oil Co., 400 Illinois St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. H. Tarman (Probable contractor), 327 17th St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $7,000
UKIAH, Mendocino Co., Calif.
Frame and stucco service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—M. Nielsen, Ukiah.
E. K. Neuhaus, Ukiah, will be manager of the new station.

Planned.
SERVICE STATION Cost, $7,500
OAKLAND, Alameda Co., Calif. San Pablo Ave. near 12th St.
Reinforced concrete service station.
Owner—Rio Grande Oil Co., 400 Illinois St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. H. Tarman (probable contractor) 327 17th St., Oakland.

Contract Awarded.
ADDITION Cost, $5000
OAKDALE, Stanislaus Co., Cal.
Addition to garage (45x100 feet) galvanized iron, cement floor; display rooms, offices, etc.
Owner—Rodden Bros., Oakdale.
Lessee—P. E. Van Pelt, Oakdale.
Architect—Not Given.
Contractor—Dave Robertson, Oakdale.

CONTRACT AWARDED
OAKLAND, Calif.—Willis F. Lynn, 1037 Ashmount, Oakland, at $2,990 was awarded contract by the Associated Oil Co., 79 New Montgomery St., San Francisco, for removing service station located on the northwest corner of 12th and Alice Sts., Oakland.

To Be Done By Day's Work.
SERVICE STATION Cost, $3000
SAN JOSE, Santa Clara Co., Cal. No. 250 W. Santa Clara Street.
Gasoline service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Work will be done by day's labor by owner's own forces.

To Be Done By Day's Work.
SERVICE STATION Cost, $3000
SAN JOSE, Santa Clara Co., Cal. No. 101 S-Market Street.
Gasoline service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Work will be done by day's labor by owner's own forces.

Plans Being Prepared.
SERVICE STATION Cost, $9500
ARBUCKLE, Colusa Co., Cal.
New service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $——
SACRAMENTO, Sacramento Co., Cal. 1330 I Street.
Drive-in service station.
Owner—Brand Brothers.
Architect—Not Given.
Contractor—Boyle Bros., 1802 L Street, Sacramento.

7— FEDERAL BUILDINGS

Contract Awarded.
POST OFFICE Cont. Price. $36,680
ROSEVILLE, Placer Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.

BUILDING MATERIAL AWARD APPROVED
ORANGE, Cal. — Treasury Department approved the following award for the construction of the U. S. Post Office at Orange. L. F. Dow Co., Los Angeles, general contractor:
Pendant switches to Pass & Seymour; glassware to Gill Glass & Fixture Co., and lighting fixtures to Moe Bridges Co.

CONTRACT AWARDED
REDONDO BEACH, Los Angeles Co., Cal.—Bussard-Nelson Co., Washington, D. C., at $174.50 awarded contract by Treasury Department for plaster models for the U. S. Post Office at Redondo Beach.

BUILDING MATERIAL AWARDS APPROVED
LA JOLLA, San Diego Co., Cal.—Treasury Department approved the following equipment awards for the construction of the U. S. Post Office at La Jolla. Frank L. Stimson Construction Co., La Jolla, general contractor:
Water heater awarded to American Radiator Co.; oil and gas burner for boiler to Petroleum Heating & Power Co.; glassware to Inland Glass Co.; pendant switch to Pass & Seymour.

BIDS OPENED
GRAND COULEE, Wash.—Clark & Earley, 505 White Bldg., Seattle, Wash., at $28,138 submitted low bid to Bureau of Reclamation, Almira, Wash., for the construction of a one-story garage and fire station, 70x121 feet at the Grand Coluee Dam, Columbia Basin Project, Washington.
Building will have outside walls of reinforced concrete; timber inside partitions covered with portland cement plaster over metal lath; timber roof supported on structural steel trusses covered with built - up roofing, concrete floors; plumbing, heating and electrical work. Specifications No. 613.
Only other bids was submitted by Lidral Constr. Co., Seattle, at $30,303.
Bids held under advisement.

BIDS WANTED.
OREGON CITY, Ore.—Until April 2, 10 A. M., bids will be received by the Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Oregon City.
Specifications may be obtained from the above office and from the Custodian of the Building at Oregon City.

BIDS OPENED.
SAN BERNARDINO, Calif.—Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $1,319 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. post office at San Bernardino. Complete bids follow:

Patterson Bros., Berkeley	$1,319
Wm. Gelfan, Los Angeles	1,717
B. R. Munson, Glendale	2,782
A. B. Winslow, San Bernardino	3,306

Bids held under advisement.

Contract Awarded.
POST OFFICE Cost, $465,299
PHOENIX, Arizona.
Two-story U. S. Post Office Building (steel frame construction, brick or terra cotta tile filler walls, granite base course, stucco exterior, tufa stone trim, clay tile and composition roof, wrought iron grilles, steel windows, concrete floor slabs terra cotta wainscot, marble, tile and terrazzo work, metal skylights ornamental and hollow metal, steel rolling curtains, metal - covered doors, linoleum, cork, carpet, asphalt tile and wood block floor

envering, acoustical plaster, cold storage doors, refrigeration equipment, two-pipe vacuum heating system with ventilating apparatus, air conditioning system, lawn sprinkling system, etc.
Owner—United States Government.
Architect—Lescher and Mahoney, 1100 Title & Trust Bldg., Phoenix.
Contractor—Great Lakes Const. Co., 333 North Michigan Ave., Chicago.
Award based on normal bid of $430,824 (tufa stone trim) with additions of $40,000 for refrigeration, well, etc., air conditioning; $2,600 for lawn sprinkler system and $375 for special interior lighting fixtures and a deduction of $8,500 for alternate concrete floor construction.

Complete Bid Listing.
POST OFFICE Cost, $90,000
INGLEWOOD, Los Angeles Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Theodore A. Beyer Corp., Chamber of Commerce Bldg., Los Angeles, $62,740.
Complete bids follow:
Theo. A. Beyer Corp., L. A. $62,746
Schuler & McDonald, Oakland 65,000
Wm. MacDonald Const. Co., St. Louis, Mo. 66,770
Bids held under advisement.

Bids Rejected.
POST OFFICE Cost, $49,000
BAKER, Oregon.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Wm. MacDonald Const. Co., St. Louis, Mo.
All bids have been rejected, the lowest being submitted by Wm. MacDonald Const. Co., St. Louis, at $43,800.

PROJECT APPROVED.
SACRAMENTO, Cal.—SERA has approved a supplemental appropriation of $2,394 for painting interior and installing three sprinklers in the new post office at Sacramento. J. A. Wilson and R. L. Hollingsworth will supervise the project, which will employ 13 laborers.

CONTRACT AWARDED
GRAND COULEE, Wash.—Clark & Earley, 505 White Bldg., Seattle, at $24,264 awarded contract by the Bureau of Reclamation, Almira, Wash., for the construction of a one-story garage and fire station, 70x121 feet at the Grand Coulee Dam, Columbia Basin Project, Wash.
Building will have outside walls of reinforced concrete; timber inside partitions covered with portland cement plaster over metal lath; timber roof supported on structural steel trusses covered with built-up roofing, concrete floors; plumbing, heating, and electrical work. Spec. No. 613.

BIDS WANTED.
LOS ANGELES, Calif.—Until April 16, 2:30 P. M., bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for the construction of alterations to Building No. 114 for Regional Office at the Veterans' Administration Facility, Los Angeles. Work involves reinforced concrete, hollow tile, brick work, marble, linoleum, iron work, metal lathing, plastering, sound deadening, carpentry, painting, glazing, hardware, plumbing, heating, etc.
Plans any specifications may be obtained from above office and from the Superintendent of Construction, Veterans' Administration Facility, Palo Alto. No deposit required.

Bids Wanted—To Close March 26 2 P. M.
RESIDENCE, BOATHOUSE, ETC.
SACRAMENTO Migratory Waterfront Refuge, Glenn and Colusa Counties.
Residence building, service building, boathouse, entrance gate, public toilet, pumphouse, septic tank and disposal field, and construction of reinforced concrete footings and erection of tower.
Owner—United States Government.
Plans by Supervising Architect, U. S. Dept. of Agriculture, Washington, D. C.
Plans and specifications from Chief, Division of Purchase, Sales and Traffic, U. S. Dept. of Agriculture, Washington, D. C., upon deposit of $15.

8— CLUB BUILDING

Preparing Working Drawings.
CLUB HOUSE, ETC. Cost, $150,000
SACRAMENTO, Sacramento Co., Cal
McKinley Park.
Construct new swimming pool and club house at McKinley Park.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Bldg., and Starks and Flanders, Bank of America Bldg., Sacramento.
Plans will not be completed for two or three months.

Material Bids Being Taken.
CITY HALL Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One-story City Hall (58-ft. frontage) reinforced concrete construction, plaster interior walls.
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Labor will be furnished by the SERA

9— HOSPITALS

CONTRACTS AWARDED.
SAN FRANCISCO.—Following were awarded contracts by City Health Department for furnishing hospital equipment under Bid No. 1337:
Colson Equipment & Supply Co.
Jas. Graham Mfg. Co.
Dohrmann Hotel Supply Co.
Reid Bros., Inc.
Heywood-Wakefield Company.
Finnell System, Inc.
Remington Rand, Inc.
Shirar Young Company.

Construction Under Way.
ADDITION Cost, $15,000
COLMA, San Mateo Co., Calif.
Reinforced concrete and steel addition to sanitarium (30 beds).
Owner—Villa Sanitarium (Jos. Sarto in charge) Colma.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna St., San Francisco.

Contract Awarded.
DOG HOSPITAL Cost, $4,000
SAN MATEO, San Mateo Co., Calif.
2600 El Camino.
One-story frame dog hospital.
Owner—Dr. Harold Groth, 2600 El Camino, San Mateo.
Architect—Herbert E. Goodpastor, 1412 California State Life Bldg., Sacramento.
Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.

10— HOTELS

Sub-Contracts Awarded.
ALTER HOTEL Cost, $——
SAN FRANCISCO. NW Post St. and Stockton.
Alterations to ground floor of Plaza Hotel (work involves structural steel; new bar room, new fixtures, marble, tile work, etc.)
Owner—Pacific States Savings & Loan Association.
Architect—G. Albert Lansburgh, 140 Montgomery Street.
Structural Engineer—W. Adrian, 41 Market Street.
Contractor—Jacks & Irvine, 620 Market Street.
Structural Steel—Western Iron Works 141 Beale Street.
Cast Plaster—P. O. Tognelli, 475 Francisco Street.
As previously reported, mill and cabinet work awarded to Wm. Bateman, 1915 Bryant Street.

Planned.
HOTEL Cost, $45,000
RENO, Washoe Co., Nevada (Commercial Row and Center St.)
Two-story hotel building (30 rooms).
Owner—John Petricciani (Palace Bar) 46 E. Commercial Row, Reno.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $5000
STOCKTON, San Joaquin Co., Calif.
No. 413 E-Market Street.
Alterations and additions to grill and lobby of hotel.
Owner—Hotel Wolf.
Architect—Not Given.
Contractor—O. H. Chain, 41 S-Sutter St., Stockton.

11—ICE & COLD STORAGE PLANTS

BID CALL CANCELLED.
LOS ANGELES, Cal.—Veterans Administration has cancelled call for bids for alterations to the refrigerators in Buildings Nos. 13 and 17 at the Veterans Administration Facility, Los Angeles. Bids were scheduled to be opened March 26, 2:30 P. M., in Washington, D. C

12— POWER PLANTS

Bids Wanted — To Close April 3, 10 A. M.
ADD POWER PLANT Cost, $142,000
PULLMAN, Washington. University of Washington Campus.
Addition to power plant (steam-turbo alterations, condensers, auxiliaries, switch board and switch gear, steam piping, spray cooling pond, flushing water pipe line and additions to hydraulics laboratory) reinforced concrete foundations, brick walls, 32x50 ft.; 2 1250 kw. turbo-generators, concrete and cast iron pipe & other equipment.
Owner—University of Washington.
Engineer — George H. Krueger, 403 Douglas Bldg., Seattle.
Plans and specifications may be obtained from the engineer upon deposit of $25.

Bids Wanted — To Close April 2, 2 P. M.
BOILER PLANT EQUIP. Cost, $——
CAMARILLO, Ventura Co., Cal. State Hospital.
Boiler plant equipment for boiler plant under construction at State Hospital (work involves 2 300-hp. water tube boilers complete with foundations, burners, pumps, piping and other appurtenances).
Owner—State of California.
Architect—Geo. M. McDougall, State Architect, Public Works Bldg., Sacramento.
Plans and specifications may be obtained from above office upon deposit of $25.

BIDS WANTED.
CAMARILLO, Ventura Co., Calif.—Until March 26, 10 A. M., bids will be received by State Purchasing Agent Room 319, State Capitol, Sacramento, for 2900 linear feet of 10-in. and 450

linear feet of 6-in. Class 150 cast iron pipe and miscellaneous fittings and appurtenances to be delivered to the Camarillo State Hospital, near Camarillo, Calif. Bidding data may be procured from the State Purchasing Agent.. No bid will be considered unless it is accompanied by affidavit PWA 61 signed by the bidder.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SAN LUIS OBISPO, Cal. — Until April 1, 2 P. M., bids will be received by Gwen Marshall, County Clerk, San Luis Obispo, for furnishing following materials for construction of two-story fireproof courthouse now under construction at Monterey and Osos Sts., San Luis Obispo.

(1) Painting materials.
(2) Ornamental Iron.
(3) Reinforcing steel (above first floor).
(4) Lathing and plastering.
(5) Plumbing.

Plans and specifications may be obtained from the architects, Walker & Eisen, 437 South Hill St., Los Angeles, upon deposit of $25.

Bids Wanted — To Close March 27, 5 P. M.

CITY HALL Cost, $15,000
GRASS VALLEY, Nevada Co., Cal. SW Main and Stewart Streets.
One and two-story reinforced concrete city hall(tile roof, steam heating system, concrete floors, etc.)
Owner—City of Grass Valley.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $15.
On previous bid opening lowest bid was submitted by Chas. Unger 4532 T St., Sacramento, at $19,987.

Plans Approved.

CITY HALL Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One-story City Hall (58-ft. frontage) reinforced concrete construction, plaster interior walls.
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Final plans have been approved by the City Council.
Application will be filed with the SERA immediately to furnish labor. Materials will be purchased by the City.

PLANNED.

WATTS, Los Angeles Co., Cal.—Los Angeles city construction department, Room M-76, City Hall, Los Angeles, has been authorized by the city council to prepare plans for a branch city hall to be erected in Watts at a cost not to exceed $55,000.

Commissioned To Prepare Plans.

ADDITION Cost, $——
SONORA, Tuolumne Co., Cal.
Addition to county courthouse for jail.
Owner—County of Tuolumne.
Architect — William Mooser, Monadnock Bldg., San Francisco.
Federal aid will be asked.

Plans Being Prepared.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Cal. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Frank Mayo, 108 E. Miner St., Stockton.
It was previously announced that plans were being prepared by Architect Joseph Losekann, Stockton.
An application will be filed with the SERA to furnish labor for the proposed project.

Prparing Working Drawings.

ALTER CITY HALL Cos, $4000
SAUSALITO, Marin Co., Cal.
Alterations to second story of City Hall (work involves new partitions, plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked at a later date.

Plans Completed.

LIBRARY & HALL Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. Mayfield District.
One - story branch library and assembly hall (frame and stucco construction, terra cotta tile roof, gas floor furnaces, radiator, Oregon pine floors, steel sash, etc.)
Owner—City of Palo Alto.
Architect—Chas. K. Sumner, Decker-Oak Building, Palo Alto.
It is not definite when construction will start.

14— RESIDENCES

Sub-Contracts Awarded.

RESIDENCE Cost, $8164
PALO ALTO, Santa Clara Co., Calif. Alpine Road near Skyline Blvd.
One-story and basement wood frame residence (rustic exterior, etc.)
Owner—Dr. Howard Black, 627 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.
Mill Work—Progress Mill, Palo Alto.
Lumber — Merner Lumber Co., Palo Alto.
Roofing—C. L. Frost, Palo Alto.
Sheet Metal—Christensen & Anderson, Palo Alto.
Wiring—Erskine Electric Co., Redwood City.
Steel Sash—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Plastering—Eric Silva, Palo Alto.
Brick—A. G Anderson, Palo Alto.

Completing Plans.

RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence (6 rooms and 8 baths).
Owner—M. Vaughn.
Architect—F. C. Confer, 2812 Russell St., Berkeley.

Contract Awarded.

RESIDENCE Cost, $——
SAN FRANCISCO. Magellan Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Mr. Hutchinson.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Construction will start in about 10 days.

Plans Being Figured—Bids Close Mar. 27, 1 P. M.

RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Moraga Road.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas hot air heating system, hardwood floor, etc.
Owner—Johanna C. Sands.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.

Contract Awarded.

RESIDENCE Cost, $9000
SAN MATEO, San Mateo Co., Cal. Harvard Road, Baywood Park.
Two-story frame and stucco residence (7 rooms).
Owner—John Gellano, 199 Sadowa St. San Francisco.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 El Camino Real, San Mateo.

Prospective Bidders.

RESIDENCE Cost, $20,000
ROSS, Marin Co., Cal.
Two-story and basement frame and brick residence (English style), 10 rooms and 2 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following have procured plans. Bids close March 20:
John J. Moore, 354 Hobart St., Oakland.
Jensen & Pedersen, 3443 Adeline St., Oakland.
F. C. Stolte, 3445 Laguna Avenue, Oakland.
A. Cederborg, 1455 Excelsior Ave., Oakland.
A. B. Holmes, 1906 Clemens Road, Oakland.
A. H. Siemer, 341 San Anselmo Ave. San Anselmo.
R. Leonhart, 56 Tamalpais Ave., San Anselmo.

Plans Being Revised.

RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Hilgard near Leroy Street.
Two-story frame and stucco residence (9 rooms, 2 baths) asbestos shingle roof, oil hot air heating system, hardwood floors, etc.
Owner—Mr. Von Ellsworth.
Architect—Theo. G. Ruegg, 1516 Tyler St., Berkeley.
New bids will probably be asked at at later date.
On previous bid opening lowest bid was submitted by George F. King, 1541 Virginia St. Berkeley.

To Be Done By Day's Work.

RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 4059 Waterhouse Road.
One - story and basement frame and stucco residence (five rooms).
Owner—V. W. Bates, 4051 Agua Vista Ave., Oakland.
Plans by A. Laubet, 2641 Dwight Way, Berkeley.

To Ask Bids March 20.

RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths); shake roof electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Contract Awarded.

RESIDENCE Cost, $4,000
SAN FRANCISCO. W San Jose Ave. 50 N Pilgrim.
One - story and basement frame and stucco residence.
Owner and Builder—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $5,000
SAN FRANCISCO. E 14th Ave. 165 S Santiago.
One - story and basement frame and stucco residence.
Owner and Builder—A. Halsen, 2427 25th Avenue.
Architect—Not Given.

Plans Being Completed.

RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.

One-story wood frame summer home (5 rooms and 2 baths); shake roof electric heating system, stone pavement, plank flooring, etc
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5967 Contra Costa Road.
Two-story frame and stucco residence (six rooms).
Owner and Builder—H. L. Crocker, Jr., 30 Wilding Lane, Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $2,000
OAKLAND, Alameda Co., Calif. 2817 38th Avenue.
One-story frame residence (2 rooms).
Owner and Builder—Frank Kulchar, 2815 38th Ave., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
WATSONVILLE, Santa Cruz Co., Cal. El Cerrito Tract.
Two-story and basement frame and stucco residence (8 rooms); gas furnace, hardwood floors, tile baths
Owner—Jasper Simunovich.
Architect—Not Given.
Contractor—Friend & Kesh, P. O. Box 743, Watsonville.
Roofing — Hammond Lumber Co., Watsonville.
Plumbing—P. J. Freiermuth Co., Watsonville.
Electric Wiring—The Electric Shop, Watsonville.
Heating — Watsonville Sheet Metal Works, Watsonville.
Furnace—Fraser & Johnson, 525 6th St., San Francisco.
Tile Work—C. R. Hushbeck, Watsonville.
Hardwood Floors — Finn Hardwood Floor Co., Watsonville.
Brick and Stone Work — Paul Cook, Amesti Road, Watsonville.
Lumber — Hammond Lumber Co., Watsonville.
Hardware — P. J. Freiermuth, Watsonville.
Painting—George Hedricks Jr., Watsonville.
Plastering — James Martensen, Watsonville.
Grading — Granite Constr. Co., Watsonville.

Contract Awarded.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. No. 20 Delmar Street.
Two-story frame and stucco residence (5 rooms).
Owner—Roy Boynton, 18 Delmar St., Berkeley.
Architect—Not Given.
Contractor—Geo. F. King, 2522 College Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3268 Florida Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.

Contract Awarded.
ALTER RESIDENCE Cost, $2,000
OAKLAND, Alameda Co., Calif. 929 28th Street.
Alterations and additions to residence.
Owner—C. A. Bunten, 929 28th Street.
Architect—Not Given.
Contractor—W. J. Kraus, 1310 Marin Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $8164
PALO ALTO, Santa Clara Co., Calif. Alpine Road near Skyline Blvd.
One-story and basement wood frame residence (rustic exterior, etc.)
Owner—Dr. Howard Black, 627 University Ave., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Low Bidder
ALTERATIONS Cost, $5000
SAN FRANCISCO. Pacific Ave. near Steiner Street.
Alterations to two-story flats for residence (wood frame and wood frame finish; 7 rooms and 2 baths)
Owner—L. Greenfield.
Architect—Warren Perry, 260 California St., San Francisco.
Low Bidder—J. B. Bourdieu, 2526 20th Street.
Bids held under advisement.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
STOCKTON, San Joaquin Co., Calif. 2074 E Market St.
One - story and basement frame and brick veneer residence (6 rooms).
Owner & Builder—Bert Giugliori, 2074 E Market St., Stockton.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $8,000
SACRAMENTO, Sacramento Co., Cal. 1051 46th Street.
Two-story frame and stucco residence
Owner—Wright Holding Company.
Architect—Not Given.
Contractor—C. C. Ruby, 4800 T Street, Sacramento.
Plumbing—G. W. Sweet, North Sacramento.
Heating and Sheet Metal—McLaughlin Sheet Metal Works, 1914 I St., Sacramento.
Brick and Stone Work—W. J. Clifford, 2815 S St., Sacramento.
Lumber—Dolan Building Materials Co., 31st and P Sts., Sacramento.
Lathing and Plastering—Thos. P. Scollan, 3642 19th St., Sacramento.
Finish Materials — Moore P. Garlick, Sacramento.

Contract Awarded.
ALTER RESIDENCE Cost, $10,000
SAN FRANCISCO. 2828 Vallejo St.
Alterations to residence.
Owner—J. J. Rice, care contractor.
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara Street.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Hampshire St. 125 S 22nd St.
One - story and basement frame and stucco residence.
Owner—G. Stark, 1024 Hampshire St.
Architect—Not Given.
Contractor—G. L. Peterson, 4386 26th Street.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E 33rd Avenue S Judah Street.
Two 1-story and basement frame and stucco residence.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
SAN FRANCISCO. E Tocaloma 370 N Blankin St.
One - story and basement frame and stucco residence.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given.

Construction Started.
RESIDENCE Cost, $
BURLINGAME, San Mateo Co., Cal
One-story and basement frame and stucco residence (4 rooms) shake roof, gas unit heating system etc
Owner & Builder—J. B. Oswald, 1115 Industrial Ave., Burlingame
Architect—Mario Corbett, 537 Mason St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $8500
YUBA CITY, Sutter Co., Cal.
Two-story and basement frame and stucco residence (9 rooms and 3 baths); English style; shake roof, oil burning heating system, hardwood floors, tile baths, steel sash etc.
Owner—G. H. Ottney, Marysville.
Architect—Mario Corbett, 537 Mason St., San Francisco.
The owner is interested in receiving catalogs, etc., on lighting fixtures, heating system and other materials involved in the construction of the above residence.

Plans Being Completed.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Planned.
RESIDENCES Cost, $——
BURLINGAME, San Mateo Co., Cal. Willborough Place.
Two two-story and basement frame and stucco residence (5 and 6 rooms each).
Owner and Builder—G. W. Williams Co., 315 Primrose Rd. Burlingame
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $11,477
CARMEL, Monterey Co., Calif. Addition No. 7.
One-story and basement frame residence.
Owner—Cooper and Mary Anderson, Carmel.
Architect—C. J. Ryland and W. C. Raiguel, Monterey.
Contractor—Miles Bain, Carmel.

Sub-Contracts Awarded.
RESIDENCE Cost, $51,000
SAN FRANCISCO. Spruce and Jackson Streets.
Two - story and basement frame and brick veneer residence (16 rooms and 6 baths) copper roof, gas hot air heating system, tile baths oak floors, etc.
Owner—John A. Sutro.
Architect—W. W. Wurster, 260 California Street.
Engineer—A. V. Saph, Rialto Bldg.
Contractor—Gus F. Marshall, 799 Ashbury Street.
Brick Work—Wm. A. Rainey & Son, 323 Clementina Street.
Concrete—D. O'Connor and Son, 1367 25th Avenue.
Cut Stone—California Cut Stone Co., Railroad and Magnolia Sts., South San Francisco.
Grading—Devincenzi Bros., 150 Collins Street.
Plumbing—W. Buick, 311 Cornwall St
Hardwood Floors—J. Casey, 3223 Broderick Street.
Mill Work—Herring and Nutting, 750 Florida Street.
Plastering—Gus Jacobsen, 183 Parnassus Avenue.
Ornamental Iron — Arnke Orna. Iron Works, 780 Brannan St.
Painting—John A Norberg 601 40th Street, Oakland.

Roofing—Knight Roofing Co., 91 Bluxome Street.
Stairs—Ed. D. Philbrick Co., 41 Sheridan Street.

Sub-Contracts Awarded.
ALTER RESIDENCE Cost, $3,000
BERKELEY, Alameda Co., Cal. Mendocino Avenue.
Alterations and additions to frame residence (work involves painting, new plumbing, plastering, etc.)
Owner—N. B. Drury, 822 Mendocino Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—H. J. Schulz, 811 Mendocino Ave., Berkeley.
Lumber and Mill Work—Tilden Lumber Co., foot of University Ave., Berkeley.
Plumbing—Jevons Plumbing Co., 1514 University Ave., Oakland.
Concrete Work—Schnoor Bros., 6016 Claremont Ave., Oakland
Plastering—Carl F. Spiken, 2315 Ninth Ave., Oakland.
Hardware—Maxwell Hdwe. Co., 1320 Washington, Oakland.
Sheet Metal—Bartel Mork Sheet Metal Works. 1606 10th St., Berkeley.
Roofing—Mastercraft Roofing Company Richmond.

Sub-Bids Being Taken.
RESIDENCES Cost, $6500 each
OAKLAND, Alameda Co., Calif. El Camino Road.
Two 1-story and basement frame and stucco residences (6 rooms and 2 baths each) tile roofs, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—B. Reininghaus, 622 Santa Fe Ave, Oakland.
Plans by W. W. Dixon, 1844 5th Ave., Oakland.

Plans Completed.
RESIDENCE Cost, $20,000
HILLSBOROUGH, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (11 rooms, and 4 baths) English style; slate roof, steam heating system, hardwood floors, tile baths, etc.
Owner and Builder—Oscar Cavanagh, 432 Occidental Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Sub-bids will be taken in a week or ten days.

Plans Completed.
RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (12 rooms and 4 baths) Fench style; shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner and Builder—Oscar Cavanagh, 432 Occidental Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Sub-bids will be taken in about ten days.

Contracts Awarded.
RESIDENCE Cont. Price, $7150
SAN FRANCISCO, S Union St. 110 W Scott Street.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); slate roof, hardwood floors, tile baths, etc.
Owner—Eleanor M. Wobber.
Architect — Albert Schroepfer, 244 Kearny St., San Francisco.
Contractor—Ed. Zinkand & Son, 667 36th Ave., San Francisco.
Plumbing—Frank J. Klimm, 456 Ellis St., $1020.

Low Bidders.
RESIDENCES Cost, $120,000
LONGVIEW, Washington.
Construct sixty frame houses, concrete foundations, shingle roofs, etc., for Longview Subsistence Homestead Tract.
Owner—United States Government.
Low Bidder—Hoffman Constr. Co., 716 SW Columbia, Portland, Oregon, $119,240.
Complete bids will be published shorty.

Additional Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Arch Street.
Two-story frame and stucco residence
Owner — K. G. Schwegler, 1203 Walnut St., Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Sheet Metal—Aladdin Heating Corp., 5107 Broadway, Oakland.
Electric—Rochester Electric Co., 2138 University Ave., Berkeley.
Steel Sash — Truscon Steel Co., 604 Mission St., San Francisco.
Other awards reported Jan. 30.

Contract Awarded.
RESIDENCE Cost, $4000
STOCKTON, San Joaquin Co., Cal. No. 521 West Oak Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Mercantile Bldg. & Loan Association.
Architect—Not Given.
Contractor—Louis Betterman, Prem.

Plans Completed.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); Spanish Style; tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Tony Gangl, Meridian Road, San Jose,
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Owner will take bids.

To Ask Bids Within A Few Days.
RESIDENCE Cost, $6500
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms, 2 baths) English style, shake roof, gas hot air heating system, hardwood floors, steel sash tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $5500
HAYWARD, Alameda Co., Cal.
One and one-half-story frame and stucco residence (5 rooms and 2 baths).
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Plans Being Figured—Bids Close Mar. 20th.
RESIDENCE Cost, $20,000
ROSS, Marin Co., Cal.
Two-story and basement frame and brick residence (English style), 10 rooms and 2 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,500
SAN FRANCISCO, SE Baker and Vallejo Streets.
Alterations to residence.
Owner—P. E. Roberts, 2849 California Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,500
SAN FRANCISCO, E 28th Avenue 313 N Cabrillo.
One - story and basement frame and stucco residence.
Owner and Builder—Thos. E. Mohler, 751 28th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO, W Madrid 175 S. Brazil.
One - story and basement frame and stucco residence.
Owner—Martin C. Allesandri, 849 Madrid Street.
Architect—R. R. Irvine, 3431 Market.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO, W 14th Avenue 25 N Judah Street.
One - story and basement frame and stucco residence.
Owner and Builder — Arvid Peterson, 1620 Eighth Ave.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Calif.
One-story wood frame residence (8 rooms.
Owner—Withheld.
Architect—John McCool, 704 Market St., San Francisco.

15— SCHOOLS

Plans Being Completed.
HIGH SCHOOL Cost, $39,200
COVELO, Mendocino Co., Cal.
One-story frame and stucco academic building and 1-story frame gymnasium.
Owner — Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about 1 week.

Plans Being Completed.
HIGH SCHOOL Cost, $10,000
WEAVERVILLE, Trinity Co., Cal.
One-story steel frame and wood high school building.
Owner — Trinity Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked shortly.

BIDS WANTED
LOS AGELES, Cal.—Until April 3, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building at the Tweedy School, South Gate. J. A. Larralde, 2231 Wilmar Ave., Alhambra, architect, and Boyd I. Means, 4549 Produce Plaze, structural engineer. Cost, $21,920.

BID OPENING DATE POSTPONED
LOS ANGELES, Cal.—Until April 2, 11:30 A. M. (opening date postponed from March 26), bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the construction of new buildings "A" and "B" at the Manual Arts High School, located on the west side of Vermont Ave., between 40th Place and 42nd Street. John and Donald B. Parkinson, 808 Title Insurance Bldg., Architects, and Elliott Lee Elingwood, Mechanical Engineer, H. W. Hellman Bldg., Cost, $326,280.

BIDS WANTED
HUNTINGTON PARK, Los Angeles Co., Cal.—Until March 29, 11:30 A. M.,

bids will be received by Los Angeles board of Education, Purchasing Bureau, 1425 S. San Pedro St., for the construction of the new cafeteria building and new administration buildings at the Huntington Park High School. Geo. M. Lindsey, 6305 Yucca St., architect, and Murray Erick, 811 W. 7th St., structural engineer. Cost, $227,000.

LOW BIDDER

LOS ANGELES, Cal. — Pozzo Construction Co., 421-23 Macy St., submitted low bid at $133,994 to Los Angeles Board of Education for erection of a new two-story, 30-room, Class A reinforced concrete men's physical education building at Los Angeles Junior College, 855 N. Vermont Ave. Allison & Allison, 1011 Edison Bldg., architects.

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—Weber Showcase & Fixture Co., 510 Howard St., San Francisco, at $1,047.70 submitted low bid to State Purchasing Department, Sacramento, for wooden partitions for San Jose State Teachers College.

Complete bids follow:

Weber Showcase and Fixture Co., San Francisco	$1,047.70
Pacific Mfg. Co., Santa Clara	1,135.00
Fink & Schindler, S. F.	1,163.00
Braas & Kuhn, San Francisco	1,850.00

Bids held under advisement.

BID OPENING DATE POSTPONED

LOS ANGELES, Cal.—Until April 4, 11:30 A. M. (opening date postponed from March 27) bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the new brick (main) building at the Rowan Ave. school, located on the east side of Rowan Ave. between Lan Franco Street and Princeton Ave. A. S. Nibecker, Jr., architect, and C. J. Derrick, structural engineer, 501 Architects' Bldg. Cost, $87,049.

BID OPENING DATE POSTPONED

LOS ANGELES, Cal. Until April 3, 1130 A. M. (opening date postponed from March 27) bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of new buildings A, B and C at the Miles Avenue school, located on the east side of Miles Avenue, between Saturn and Zoe Aves., Huntington Park. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect. Cost, $155,792.

Bids Still Under Advisement.

JUNIOR HIGH SCHOOL Cost $530,000

SAN FRANCISCO, Fillmore Street between Bay and Chestnut Streets (Marina Junior High School).

Three - story reinforced concrete academic building (28 classrooms; 15 special rooms; two choral rooms) steel frame gymnasium, tar and gravel roof, steam heating system wood and linoleum floors, wood & steel sash, wood trim.

Owner—City and County of San Francisco.

Architects—George Kelham, 315 Montgomery Street; W. P. Day, Financial Center Building.

Mechanical Engineer—Leland & Haley 58 Sutter Street.

Low bids follow:

General Work, Including Mechanical and Electrical Work — MacDonald & Kahn, Financial Center Bldg., $565,565.

General Work Only—K. E. Parker Co., 135 South Park, $468,800.

Electrical Work—Dowd - Seid Electric Co., 2118 Mission St., $28,095.

Mechanical Work—Scott Co., 243 Minna Street, $92,807.

The Board of Supervisors has postponed the date for awarding contracts until March 27.

CONTRACT AWARDED.

LOS ANGELES, Cal.—Arthur Pinner, Jr., 116 W 94th St., was awarded contract at $40,980 by Los Angeles board of education for the reconstruction, rehabilitation and strengthening of the main building less the third story, at the Ford Blvd. School, located on the north side of Ninth St. between Ford Blvd. and Duncan Ave. Harold Johnson, 1001 Architects Bldg., architect, and Ralph E. Marvin, 5526 Parton Ave., structural engineer.

15

Planned.

IMPROVEMENTS Cost, $8500

WOODLAND, Yolo Co. Calif.

Improvements to school structures (enlarge bleachers, showers, rest rooms, etc.)

Owner—Woodland School District.

Architect—Not Given.

Labor will be furnished by SERA. Materials to be purchased by school board.

PLANNED.

INGLEWOOD, Los Angeles Co., Cal.—Inglewood high school board has outlined a list of proposed improvements to high school plants in Inglewod, for which financing to the extent of $744,500 will be sought of the government. The projects include completion of the Sentinel athletic field, $54,500; reinforced concrete shop buildings, administration building, remodel auditorium and remodel home economics and science building at Inglewood high school $355,000; completion of athletic field, completion of main classroom building and extension of shop buildings at Leuzinger high school, $335,000.

BID OPENING DATE POSTPONED

LOS ANGELES, Cal.—Until April 2, 11:30 A. M. (opening date postponed from March 26) bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of new buildings "A" and "B" at the Manual Arts high school, located on the west side of Vermont Ave. between 40th Place and 42nd St. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects, and Elliott L. Ellingwood, mechanical engineer, H. W. Hellman Bldg. Cost, $326,280.

Plans Being Completed.

RECONSTRUCT SCHOOL $140,000

BERKELEY, Alameda Co., Cal. California and Derby Streets.

Reconstruct Longfellow School.

Owner—Berkeley School District.

Architect—John Reid, Jr., 405 Montgomery St., San Francisco.

Plans are about three-quarters completed. Bids will probably be asked for the work.

Plans Being Figured—Bids Close Mar. 28th, 10:30 A. M.

SCHOOL Cost, $30,000

PORTOLA, Plumas Co. Calif.

One-story frame and stucco grammar school (5 classrooms and recreation room).

Owner—Portola Grammar School Dist.

Architect — Harry Devine, California State Life Bldg., Sacramento.

Bids Wanted—To Close April 9th, 10 A. M.

SCHOOL Cost, $65,000

NESPELEM, Wash. Colville Indian Agency.

One- and two-story school building (reinforced concrete construction, built-up roof, steel joists) 10 classrooms.

Owner—U. S. Government (Bureau of Indian Affairs).

Plans by Engineering Dept. of Indian Affairs, Washington, D. C.

Associate Architect — G. A. Pherson Spokane.

Plans and specifications may be obtained from W. B. Fry, purchasing officer, Department of the Interior Washington, D. C., upon deposit of $25.00.

Planned.

SCHOOL ADDNS. Cost $28,000

SHAFTER, Kern Co. Calif. Shafter High School

Additions to Shafter high school

Owner—Shafter School District

Architect—Edwin J. Symmes, Hofefelde Bldg., Bakersfield.

BONDS VOTED

DALLAS, Oregon — Dallas School District voted bonds in the amount of $45,000 March 2. Proceeds to finance construction of a new one-story concrete school in Dallas, Oregon. Preliminary plans prepared by Architect C. N. Freeman, 227 E. Burnside St. Portland. Proposed structure will contain 12 classrooms, heating plant etc.

LOW BIDDER

LOS ANGELES, Cal.—Arthur Pinner Jr., 116 W 94th St., submitted low bid at $40,980 to Los Angeles Board of Education for reconstruction, rehabilitation and strengthening the main building, less the third story, at the Ford Boulevard School, located on the north side of Ninth St., between Ford Blvd. and Duncan Ave. Harold Johnson, 1001 Architects' Bldg., architect, and Ralph E. Marvin, structural engineer.

BOND ELECTION.

ALAMO, Contra Costa Co., Calif.—Alamo School District will vote bonds on March 29 in the amount of $21,000, to finance construction of a one-story frame grammar school building in Alamo to contain four classrooms. Preliminary plans have been prepared by Architect Fred. Reimers, 273 Post St., San Francisco.

BIDS WANTED

NORTH SACRAMENTO, Sacramento Co., Cal.—Until March 22, 8 P. M., bids will be received by Simon A. Wroolie, Clerk, Grant Union High School District, for seating equipment for the auditorium of the new high school building now being completed in North Sacramento.

Plans and specifications may be obtained at the office of the Principal and District Superintendent at the school offices, Grand Ave. and Cherry St., East El Paso Heights.

LOW BIDDERS

LONG BEACH, Los Angeles Co. Cal.—Long Beach Brick Co., 422 E. Broadway, Long Beach, submitted the low general bid (using salvaged materials) to Long Beach Board of Education at $123,162, for the construction of the administration and shop building at the John Dewey Juinor High School site. Low blds on other contracts were: O. E. Ross, 1850 Pacific Ave., Long Beach, heating and ventilating, $6054; Plumbing, $9933. Baty Elec. Co., 128 W. 4th St., Long Beach, electric wiring, $15,523. Victor E. Siebert, architect and Verne D. Hedden, 120 E. Third St., Long Beach, engineer.

PROJECT APPROVED.

SAN DIEGO, Calif.—SERA has approved a supplemental appropriation of $91,858 for excavation, etc., for the stadium and athletic field at the San Diego State Teachers' College. J. M. Harlan of the College will supervise the project, which will employ 236 laborers.

Contract Awarded.
SCHOOL Cost, $60,000
HEALDSBURG, Sonoma Co., Calif.
One- and two-story wing addition to high school; reinforced concrete (structural steel frame) composition roofing, steam heating system, maple floors, etc.; gymnasium music department, 3 classrooms, alterations, etc.
Owner—Healdsburg High School Dist.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Low Bidder—Monson Bros., 475 Sixth St., San Francisco, $72,400.
Bids were taken as follows:
(1) omitting bleachers, deduct;
(2) omitting steel lockers, educt;
(3) omitting linoleum, deduct;
(4) omitting time clock, deduct;
(5) " changing temperature control, deduct;
(6) division of gymnasium, add;
(7) Aerolux ventilating system, add;
(8) clock and telephones, add.
Complete bids follow:

(A) Monson Bros., S. F.		$72,400
	(1)	2,436
	(2)	1,825
	(3)	810
	(4)	985
	(5)	247
	(6)	392
	(7)	150
	(8)	293
(B) John Hachman, Stockton		$72,800
	(1)	2,300
	(2)	1,800
	(3)	718
	(4)	600
	(5)	220
	(6)	500
	(7)	270
	(8)	319
(C) C. N. Swenson, San Jose		$73,441
	(1)	2,400
	(2)	1,800
	(3)	730
	(4)	948
	(5)	250
	(6)	375
	(7)	255
	(8)	296
(D) F. H. Betz, Sacto		$73,782
	(1)	2,556
	(2)	1,714
	(3)	800
	(4)	617
	(5)	247
	(6)	403
	(7)	255
	(8)	200
(E) N. H. Sjoberg & Son		$73,937
	(1)	2,535
	(2)	1,705
	(3)	700
	(4)	900
	(5)	247
	(6)	413
	(7)	255
	(8)	152
(F) H. E. Vickroy, Stockton		$74,781
	(1)	2,335
	(2)	1,829
	(3)	735
	(4)	609
	(5)	228
	(6)	400
	(7)	235
	(8)	253

Contract awarded to Monson Bros. at $66,494.

BIDS WANTED
HUNTINGTON PARK, Los Angeles Co., Cal.—Until March 29, 11:30 A. M., bids will be received by the Los Angeles Board of Education, Purchasing Bureau, 1425 S. San Pedro St., for the construction of the new cafeteria building and new administration buildings at the Huntington Park High School. Geo. M. Lindsey, 6305 Yucca St., architect, and Murray Erick, 811 W. 7th St., structural engineers. Cost, $227,000.

BIDS WANTED.
LOS ANGELES, Cal.—Until March 28, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for reconstructing the science cafetereia, administration and liberal arts, arts, shops, arcades and colonnades at the George Washington High School. Cost, $231,626. Eugene Weston, Jr., architect, and Oliver G. Bowen, stretural engineer.

PROJECT APPROVED.
WHITTIER, Los Angeles Co., Cal.—SERA has approved appropriation of $5,789 for demolition of Lincoln school, Broadway and Pickering, Whittier. R. L. Warren of the City School District will supervise the project which will employ one timekeeper and 29 laborers.

CONTRACT AWARDED
NORWALK, Los Angeles Co., Cal.—Bannister-Field Co., 4101 Goodwin Avenue, Los Angeles, awarded general contract by Board of Public Building Reconstruction at $63,353, for the construction of an auditorium building at Norwalk Elementary School District. Other contracts awarded were: Ora King, 635 Prospect Ave., South Pasadena, plumbing and heating, at $4023; Cave Electric Co., 2107 N Ross Street, Santa Ana, electrical work, $8377. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

CONTRACT AWARDED
LAGUNA BEACH, Orange Co., Cal.—Jules W. Markel, 2130 Greenleaf St., Santa Ana, awarded general contract for erection of a classroom and auditorium building on the elementary school site on Park Ave., Laguna Beach; Hickman Bros., 471 8th Street, San Pedro, awarded the plumbing contract. It has been recommended that contract for electric wiring be awarded to Cave Electric Co., 2107 N. Ross St., Santa Ana. Allison & Allison, 1014 Edison Bldg., Los Angeles, architects.

BIDS WANTED.
LOS ANGELES, Cal.—Until March 27, 4 P. M., bids will be received by the Long Beach board of education for construction of Jane Addams school. Separate bids will be taken on the general, plumbing, electric wiring, heating and ventilating. E. J. Baume, 315 Heartwell Bldg., Long Beach, architect.

Additional Sub-Contracts Awarded.
SCHOOL Cont. Price, $148,676
SEBASTOPOL, Sonoma Co., Calif.
Two - story reinforced concrete high school building.
Owner—Analy Union High School Dist.
Architects—Louis C. Stone and J. R. Rowell, Humboldt Bank Bldg., San Francisco.
Structural Engineer—Norman Green, 55 New Montgomery Street, San Francisco.
Mechanical Engineer—Robert L. St. John Co., 544 Market Street, San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
Blackboards and Cork Carpet—J. W. Fricke Co., 420 Market Street, San Francisco.
Ornamental Iron—Peerless Ornamental Iron Works, 1528 Folsom Street, San Francisco.
Linoleum and Rubber Flooring—Van Fleet-Freear Co., 557 Howard St., San Francisco.
Metal Toilet Partitions — Trask and Squiers, 39 Natoma Street, San Francisco.
Other awards previously reported.

Award Awaiting PWA Approval.
SCHOOLS Cost, $100,000
DALY CITY, San Mateo Co., Calif.
Three one-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson, and Crocker units.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Bids have been referred to the PWA for approval.
Complete bids published March 5.

Bid Opening Date Postponed Until March 27, 2:30 P. M.
SCHOOL Cost, $86,400
SAN FRANCISCO. Patrick Henry School, 18th and Vermont Streets.
Two-story reinforced concrete school unit (eight classrooms).
Owner—City of San Francisco (School Department).
Architect — W. D. Peugh, 333 Montgomery St. & Gardner A. Dailey, 210 Post Street.
Structural Engineer—Walter Huber, 1 Montgomery Street.
Mechanical Engineer—Leland & Haley 58 Bush Street.
Bids are being taken as follows:
General Work (Including Mechanical and Plumbing) — Estimated cost $86,400; $55 deposit for plans.
Mechanical Work and Plumbing—(Estimated cost, $10,400) $15 deposit for plans.
Electrical Work—(Estimated cost $4,000) $15 deposit for plans.
Plans and specifications may be obtained from C. H. Sawyer, City Architect, City Hall.

BOND ELECTION.
FULLERTON, Orange Co., Calif.—Fullerton School District will hold an election March 29 at which time it is proposed to vote bonds in the sum of $350,000, proceeds to be used to finance the reconstruction of Fullerton grammar schools. The program contemplates repairs and structural changes to the Maple Avenue, Valencia Ave., Ford Ave. and Chapman Avenue schools and the construction of a new school on the Harvard Ave. site. H. V. Williams, Jesse Chilton and Walter Humphreys are trustees of the district.

Preparing Working Drawings.
GYMNASIUM Cost, $70,000
CHICO, Butte Co. Cal. Chico High School.
Construct concrete gymnasium building.
Owner—Chico School District.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Plans will be completed in about two weeks.

BID OPENING DATE POSTPONED
LOS ANGELES, Cal.—Until April 3 11:30 A. M. (opening date postponed from March 27) bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of new buildings "A", "B" and "C" at the Miles Avenue school, located on the east side of Miles Ave. between Saturn and Zoe Aves., Huntington Park. Building A will be a one-story and basement structure, 60x153 ft. in area, containing six rooms and offices; building B will be 60x268 ft. in area, containing 12 rooms and toilets; building C will be 60x233 ft. in area, containing nine classrooms, kindergarten and toilets. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect. Cost, $155,792.

Plans Being Figured—Bids Close Mar. 28, 10:30 A. M.
SCHOOL Cost, $30,000
PORTOLA, Plumas Co., Calif.
One-story frame and stucco grammar School (5 classrooms and recreation room).
Owner—Portola Grammar School Dist
Architect — Harry Devine, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $15.

BID OPENING DATE POSTPONED
LOS ANGELES, Cal.—Until April 4, 11:30 A. M. (opening date postponed from March 27), bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the new brick (main) building at the Rowan Avenue School, located on the east side of Rowan Avenue., between Lan Franco St. and Princeton Ave. A. S. Nibecker Jr., architect and C. J. Derrick, structural engineer, 501 Architects' Bldg. Cost, $87,049.

BIDS WANTED
LOS ANGELES, Cal.—Until April 2, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the erection of a new one-story, frame and stucco school building at the Micheltorena Street School, 1511 Micheltorena St. J. Robert Harris, 6715 Hollywood Blvd., architect, and C. J. Derrick, structural engineer, 816 W. 5th St. Cost, $31,563.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $6000
SAN FRANCISCO. S Sutter St. 197 W Stockton.
Alterations to offices.
Owner—Pacific Gas & Electric Co., 245 Market Street.
Plans by Engineering Dept. of Owner.
Contractor—Ostlund & Johnson, 1901 Bryant Street.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1065 Market St.
Alterations to store building.
Owner—Clark Gandion Co., Inc., 1108 Market Street.
Architect—Not Given.
Contractor—Unit Bilt Fixture Co., 963 Harrison Street.

Contract Awarded.
ADDITION Cost, $2000
OAKLAND, Alameda Co., Cal. No. 332-334 Fourteenth Street.
Brick addition to market.
Owner—C. A. Henslee Corp., Solano Ave., Berkeley.
Architect—Not Given.
Contractor—H. H. Henderson, 393 40th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $4000
OAKLAND, Alameda Co., Cal. No. 127 12th Street.
Alterations to building.
Owner — Twelfth and Oak Building Corp., 367 17th St., Oakland.
Plans by L. D. Dalton, 4040 Laurel Ave., Oakland.
Contractor—R. E. Norris, 4247 Piedmont Ave., Oakland.

Sub-Contracts Awarded.
OFFICE BUILDING, ETC.
Contract Price, $12,737
SACRAMENTO, Sacramento Co., Cal. Ninth and C Streets.
Two-story office building (40x50 feet) second floor for clubrooms, concrete exterior walls, concrete foundations, plaster and stucco interior, terra cotta tile roof, oil burner, hot air heating system, cement floors with mastipave on first floor, pine floors on second floor, etc.
Owner—Consumers Ice and Cold Storage Co. (Kenneth Melrose, Mgr.) Sacramento.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—Campbell Const. Co., 800 R St., Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento.
Plumbing—Harvey H. Holland, 1715 P St., Sacramento.
Electric Wiring and Electric Fixtures—Geo. C. Foss, 1720 8th St., Sacramento.
Heating—Carpenter & Mendenhall, 907 Front St., Sacramento.
Sheet Metal—Wagner's Sheet Metal Works, 2900 M St., Sacramento.
Tile Work—Fischer Tile and Marble Co., 1219 J St., Sacramento.
Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.
Lumber—Friend & Terry Lumber Co., Front and S Sts., Sacramento.
Painting—W. H. Raymond Co., 2710 Donner, Sacramento.
Lathing and Plastering—Thos. F. Scollan Co., 2919 T St., Sacramento.
Finish Materials—Capital City Planing Mill, 1812 9th St., Sacramento.
As previously reported, heating and air conditioning awarded to Carpenter & Mendenhall, 1907 Front St., Sacramento.

Plans Being Figured.
ALTERATIONS Cost, $——
FRESNO, Fresno Co., Calif. Fulton and Fresno Streets.
Alterations to Mattei Bldg. (work includes air conditioning system to all offices; re-painting corridors; elevator alterations, new elevator fronts; steam cleaning; new corridor lighting system; cork and tile elevator mats, etc.)
Owner—Capital Co., 625 Market Street San Francisco.
Plans by Architectural Dept. of Capital Co., 625 Market St., San Francisco.
The Capital Company, 625 Market Street, is receiving applications from eligible contractors on air conditioning and refrigeration for eleven floors of the office building.

Contracts Awarded.
OFFICE BLDG. Cont. Price, $7,676
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One - story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Lumber and Mill Work—Sterling Lbr. Co., Santa Rosa.
Oak Floors—W. A. Jorgensen, Santa Rosa.
Misc. Iron—Schrader Iron Works, San Francisco.
Steel Sash and Grilles—Truscon Steel Co., San Francisco.
Glass—George Dale, Santa Rosa.
Structural Steel—Schrader Iron W'ks, 1247 Harrison St., San Francisco.
Roofing—C. L. Frost, San Rafael.
Tile Floors, Etc.—George Dale, Santa Rosa.
Plaster and Stucco—Robert Stedman, Santa Rosa.
Plumbing—P. A. Dont, Santa Rosa.
Electric—H. W. Jacobs, Santa Rosa.
Painting—J. Feldberg, Santa Rosa.
Concrete—Gus Felix, Santa Rosa.
Venetian Blinds—O'Connor Furniture Co., Santa Rosa
Linoleum—Santa Rosa Furniture Co. Santa Rosa.

Contract Awarded.
MARKET Cont. Price, $9943
WATSONVILLE, Santa Cruz Co., Cal
One-story reinforced concrete market building (63x120 ft.) steel trusses, composition roofing, concrete and wood floors, etc.
Owner—Tuttle Estate.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.
Complete bids published March 1.

Plans Being Prepared.
STORE Cost, $——
HANFORD, Kings Co., Calif. West Eighth Street.
One - story store building (to house grocery and meat market and drug store) cold storage room, etc.
Owner—W. C. Gallaher, Hanford.
Architect—Chas. Franklin, T. W. Patterson Bldg., Fresno.

Plans Being Prepared.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.

17— THEATRES

Contract Awarded.
ALTER THEATRE Cost, $40,000
SAN FRANCISCO. Twenty - second and Mission Streets.
Alterations to theatre (work involves redecorating, new steam heating equipment, new seating, new carpets and drapes, new mezzanine lounge, new toilet, enlarge foyer).
Owner—Golden State Theatre Co., 25 Taylor Street.
Architect—F. F. Amandes, 1879 18th Avenue.
Contractor—Alf. J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Planned.
THEATRE Cost, $25,000
CORNING, Tehama Co., Cal.
New theatre building (to seat 600).
Owner—F. W. Rodgers, Corning.
Architect—Not Given.

18—WHARVES & DOCKS

BIDS WANTED
LOS ANGELES, Cal.—Until March 20, 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for sprinkler system for transit shed extension at Berth 177, Los Angeles Harbor. Specification No. 936. Work includes furnishing and installing of piping, fittings, sprinkler heads, etc., in a one-story building, 160x120 feet in area.
Bidding data may be obtained from the harbor engineer, Branch City Hall San Pedro.
Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

BIDS WANTED
LOS ANGELES, Cal.—Until March 20, 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at room 112, City Hall, Los Angeles, for an electrical system for transit shed extension at Berth 177, Los Angeles Harbor; Specification No. 937. The work includes the furnishing and installing of conduit, wire, fuses, lamps, switches, fixtures, panel boards, supports and accessorlese for lighting

sub-feeder and distribution circuits in a one-story building, 160x120 feet in area. Bidding data may be obtained from the harbor engineer, Branch City Hall, San Pedro. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

Bids Wanted—To Close March 25, 9:30 A. M.

APRON Cost, $——
SAN FRANCISCO. Pier No. 43.
New car ferry apron at Pier No. 43 (steel construction to replace present apron.
Owner—State of California (Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Plans and specifications may be obtained from above office upon deposit of $20.

19—MISC. CONSTRUCTION

To Be Done By Day's Work.

ADDITION Cost, $10,000
SAN FRANCISCO. Kezar Stadium, Golden Gate Park
Type C steel and concrete addition to pavilion.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post.
Engineer—Thomas F. Chace, Claus Spreckels Building.
Labor will be furnished by SERA. Park Commission will probably purchase the materials.

PRELIMINARY PLANS PREPARED.

SAN DIEGO, Cal.—California Pacific International Exposition architectural department has prepared preliminary plans for the Federal government's exposition building to be erected in San Diego. It will be a Mayan style, reinforced concrete structure, 150x170 feet in area and 35 feet high, with steel trusses, composition roof and wood floors. The sum of $350,000 has been appropriated for the government exhibit, $125,000 of which will be used for the construction of the building.

CONTRACT AWARDED.

GRAND CANYON, Ariz.—Wm. P. Neil Co., 4814 Loma Vista Ave., Los Angeles awarded general contract for the erection of a new guest house, 13 cabins and an addition to the Bucky O'Neil building on the South Rim of Grand Canyon, for the Santa Fe railway. Heating and plumbing work will be let under separate contracts. The electrical work and decorating will be done by the Santa Fe, who will also furnish the log slabs for the exteriors of the buildings. Construction is to be started at once. The guest house will contain 25 rooms and the Bucky O'Neil building addition 17 rooms. There will be four 4-room, one 3-room, five 2-room and three 1-room cabins. A number of bathrooms are included in the additions and cabins. Construction will be wood frame, log slab exterior walls, shake roofing, etc. Other improvements for the resort, work on which is scheduled to start at an early date, include the moving of 64 cabins and converting them into housekeeping suites. Plans were prepared by the owner's architectural department.

BIDS OPENED.

SAN FRANCISCO. Wm. B. Gibson, Ltd., 759 Van Ness Ave., San Francisco, at $7,190 submitted low bid to the Public Utilities Commission, City Hall, under Contract No. 169, for the reconstruction of Municipal Railway Car No. 50.

Gillig Bros., San Francisco, at $12,500 submitted the only other bid.

The bid of Wm. B. Gibson, Ltd., was accompanied by a bid bond in lieu of a certified check which was specified in the bid form.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO—Barrett & Hilp, 918 Harrison St., at $126,339 (guaranteed maximum cost) awarded extra work order by Directors of the Golden Gate Bridge for clearing Presidio approach road of military buildings and structures. Eaton & Smith bid $148,995.

UTILITY DISTRICT ELECTION

TEHAMA COUNTY, Cal.—Board of Supervisors has set March 25 as the date of an election for formation of the Westover Public Utility District, in the vicinity of Proberta.

UTILITY DISTRICT ELECTION.

FRESNO COUNTY, Cal.—Board of Supervisors has set April 23 as the date of an election to vote on formation of the Central San Joaquin Valley Municipal Utility District and the election of five directors. The district proposes to distribute electricity in Fowler and vicinity. Engineers will be retained to appraise the present electrical transmission lines of the San Joaquin Light & Power Corporation.

UTILITY DISTRICT ELECTION.

TULARE COUNTY, Cal.—Board of Supervisors has set May 10 as the date of an election for formation of the Central Counties Municipal Utilities District. The District will include the cities of Tulare, Portervllle, Lindsay and Corcoran, and will bring natural gas from Kettleman Hills for municipal distribution.

PLANNED

ARCADIA, Los Angeles Co., Cal.—Los Angeles Turf Club; Dr. Chas. H. Strub, Manager, Arcadia, contemplates making a number of additions and improvements to the horse racing plant in Arcadia this summer. Plans contemplate the construction of tunnels under the track, enlargement of the grandstand and landscaping. Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, architect and Lindgren & Swinerton, Standard Oil Bldg., Los Angeles, contractors.

PROJECT POSTPONED

LOS ANGELES, Cal. — United Artists Studio Corp., 1041 N Formosa St., has temporarily abandoned the sound stage project for the studio site at Santa Monica Blvd. and Formosa St., bids for which were opened March 5. It was not determined who submitted the low bid.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until March 19, 4 P. M., bids will be received by B. C. Allin, Secretary, Stockton Port District, for furnishing and installing pneumatic tube system for transit sheds Nos. 3, 4, 5, 6, 7 and 8 a the Stockton Port. System is to be the vacuum pressure type, constant running, 2½ - inch outside diameter tube; motor driven compressor, three tube station, carrier, supports, etc.

Plans and specifications may be obtained from above office. No deposit required.

Contracts Awarded.

MOTOR TERMINAL Cost, $50,000
SPOKANE, Wash. Pacific and Sheridan Streets.
Motor terminal (one-story and basement building, 142x200 feet); loading platforms, hydraulic elevator, lockers, metal ceilings, skylights, steel sash, graving vent, overhead doors, etc.
Owner — Consolidated Motor Freight Lines, N. 703 Division St., Spokane, Wash.
Plans by A. W. Cowley, Wellington Apts., Spokane, Wash.
Contractor—Frank E. Martin, Galax Hotel, Spokane, Wash.
Elevators—Otis Elevator Co., 1 Beach St., San Francisco.
Mr. Martin is now receiving bids on skylights; roofing; sheet metal; 12,000 lbs. reinforcing steel; 50 lbs. steel sash; 42 tons structural steel; 10-year built-up roofing; 110,000 bd. ft. of lumber; 12,000 sq. ft. asphalt flooring, plastering and painting.

Plans Being Prepared.

NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Calif. Hayward Memorial Park.
Reinforced concrete natatorium.
Owner—City of Hayward.
Architect—James Narbett, 474 31st St. Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Bonds were recently voted and the PWA has authorized a grant of $15,000.

March 12, 1935

BIDS WANTED.

PHOENIX, Ariz. — Until March 20 bids will be received by the U. S Property & Disbursing Officer, Militia Bureau, Phoenix, for addition to infirmary building and constructing underground tank and visible pump for gasoline.

Plans and specifications obtainable from the above office upon deposit of $5.00.

Contract Awarded.

ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. 46th Ave. and Folsom Blvd.
Reinforced concrete addition to mausoleum.
Owner—East Lawn Investment Co., Premises.
Architect—Not Given.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Plans Completed.

RANCH HOUSE, ETC. Cost, $6500
NAPA, Napa Co., Cal. Napa Valley.
Ranch house (5 rooms) barns, chicken coops, etc., frame construction; board and batten, etc.
Owner—William Tier.
Architect—Mario Corbett, 537 Mason St., San Francisco.

BIDS WANTED.

ALAMEDA CO., Cal.—Until March 18, 2 P. M., bids will be received by John H. Skeggs, District Engineer, Department of Public Works, Division of Highways, 500 Sansome St. San Francisco, for the sale of various buildings located in Oakland or Emeryville. Following structures are to be sold:

Item (B-158)—3622 Peralta St.; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Separate garage is not included in this sale.

(B-159A)—3624 Peralta Street; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Garage 160 sq. ft. Shed 64 sq. ft.

(B-159B)—3626 Peralta Street; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Garage 160 sq. ft. Shed 128 sq. ft. Shed 30 sq. ft.

(B-160)—3639 Adeline Street; three-story twelve-room, wood frame rustic dwelling with 5630 sq. ft. floor space. Garage 240 sq. ft. Shed 180 sq ft. Shed 36 sq. ft.

(B-165)—1037 38th Street; four-room frame dwelling with 637 sq. ft. floor space. Shed 80 sq. ft.

(B-166)—1031 38th Street; six-room frame dwelling with 966 sq. ft. floor space. Shed 90 sq. ft. Available Apr. 1, 1935.

(B-170)—1015 38th Street; six-room ame dwelling with 990 sq. ft. floor pace. Garage and shed are not in- luded in this sale. Available April 1 pace Shed is not included in this le. Available April 1

(B-172) 1009 38th Street; five-room ame dwelling with 945 sq. ft. floor

(B-178)—1001 38th Street; five-room came dwelling with 1060 sq. ft. floor pace. Shed 80 sq. ft. A separate ga age not included in this sale Available May 1.

(B-174)—3740 Linden Street; 6-room rame and stucco dwelling with 1391 q. ft. floor space. Available May 1.

(B-187)—915 38th St.; 5-room frame welling with 1075 sq. ft. floor space. separate garage is not included in his sale. Available May 1.

(Moss-3)—893 38th Street; six-room -story frame, shingle exterior dwell- ng with 1632 sq. ft. floor space. Ga- age 160 sq. ft. Available April 1.

(Moss-4)—889 38th St.; six-room 2- tory frame, shingle exterior dwelling vith 1512 sq. ft. floor space. Garage 40 sq. ft. Available April 1.

(Moss-19A)—812-815 38th St.; nine- oom two-story frame and rustic flats vith 1800 sq. ft. floor space. Garage 270 sq. ft. Available April 1.

(Moss-19B)—3745 West St.; 2-story rustic combination store and flat bldg. Store has four rooms with 1080 sq. ft. floor space. Upper flat has four rooms with 1176 sq. ft. floor space. Avail- able April 1.

(Moss-20)—3741 West Street; three- room, frame and rustic dwelling with 440 sq. ft. floor space. Shed 108 sq. ft. Separate garages are not includ- ed in this sale. Available April 1.

(Moss-32A)—679 38th Street; six- room and basement frame and rustic dwelling with 800 sq. ft. floor space. Available April 1.

(Moss-32B)—673 38th St.; four bunga- low court apartments of three rooms each with total of 1440 sq. ft. of floor space. Right reserved to use sufficient material from present front wall to construct new front wall of remain- ing stucture. Available April 1.

(Moss-32C)—669 38th Street; four bungalow court apartments of three rooms each with total of 1440 sq. ft. floor space. Right reserved to use material from present front wall to construct new front wall on remain- ing structure. Available April 1.

(Moss-38)—625 38th Street; six-room frame and rustic two-story dwelling with 1892 sq. ft. of floor space. De- tached garage and shed are not in- cluded in this sale. Available May 1.

(Moss-45)—589 38th Street; five-room and basement frame stucco dwelling with 920 sq. ft. floor space. Available May 1.

(Moss-63)—496-498 Moss Ave.; ten- room two-story wood frame and rus- tic flats with 1680 sq. ft. floor space. Available April 1.

(Moss-62)—492-494 Moss Ave.; ten- room, two-story, wood frame and rus- tic flats with 1680 sq. ft. floor space. Garage 280 sq. ft. Available June 1.

(Moss-75)—461 Moss Avenue; eight- room 2-story frame and rustic dwell- ing with 1840 sq. ft. floor space. Ga- rage 260 sq. ft. Available May 1.

(Moss-81)—439 Moss Avenue; eight- room, 2-story frame and rustic dwell- ing with 2300 sq. ft. floor space. Avail- able April 1.

(Moss-86)—421 Moss Avenue; eight room, 2-story frame and rustic dwell- ing with 2170 sq. ft. floor space. Shed 370 sq. ft. Available April 1.

(Moss-89)—409 Moss Avenue; eight room, 2-story frame and rustic dwell- ing with 1920 sq. ft. floor space. De- tached garage and shed not included in this sale. Available May 1.

(Moss-90)—405 Moss Avenue; eight- room, 2-story frame and rustic dwell- ing with 1920 square feet floor space. Detached garage not included in this sale. Available April 1.

(A-206) 1645 34th Street; four-room frame and rustic dwelling with 770 sq ft. floor space. Available April 1.

(A-207) 1637 34th St.; seven-room two-story frame and rustic dwelling with 1760 sq. ft floor space. Available April 1.

(A208)—1631-33 34th St.; eight-room two-story frame and rustic flats with 1600 sq. ft. floor space. Available Apr 1st.

(A-210)—3260 Beach St.; six-room and basement frame and rustic dwell- ing with 1150 sq. ft. floor space Shed 288 sq. ft. Available May 1.

(A-215)—3242 Beach Street; eight room 2-story frame and rustic dwell- ing with 1400 sq. ft. floor space. Shed 210 sq. ft. Available May 1.

(A-222)—1632 32nd St.; 5-room and basement, frame and rustic dwelling with 1210 sq. ft. floor space. Shed 40 sq. ft Available April 1.

(A-223)—1636 32nd St.; five-room & basement frame and rustic dwelling with 700 sq. ft. floor space. Shed 200 sq. ft. Available May 1.

(A-267)—1394-96 11th St.; ten-room two-story frame and rustic flats with 2336 sq. ft. floor space. Garage 200 sq. ft. Available May 1.

(A-828—822 Cypress St.; 6-room 2- story frame and rustic dwelling with 1760 sq. ft. floor space. Available May 1st.

(A-284)—1396-98 8th St.; 14-room 2- story frame and rustic flats with 3976 sq. ft. floor space. Available May 1.

Buildings may be inspected upon ap- plication to the Division of Highways Office, 3473 Helen St., Oakland.

All sales must be approved by the Department of Finance. The buildings must be removed within 15 days after sale is confirmed. • 19

26—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

LOS ANGELES, Cal.—The following firms submitted identical bids to D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, March 12 for furnishing and delivering lead cov- ered cable, fob department's ware- house, 1630 N. Main St., Los Angeles, under Spec. No. 1623

Habirshaw Wire & Cable Co.; Sim- plex Wire & Cable Co. of California; Crescent Insulated Wire & Cable Co.; Bishop Wire & Cable Co.; Anaconda Wire & Cable Co. of California; Gen- eral Cable Corp.; Electric Sales Co.; General Elec. Co.; Associated Whole- sale Electric Co.; John A. Roeblings Sons Co. of California; Great Western Electric Co.; Columbia Steel Co.; Gen- eral Electric Supply Corp.; Hazzard Insulated Wire Works.

The items were:

(1-a) for approximately 2670 ft. of 49-conductor rubber insulated, lead- covered cable with pure lead sheath;

(1-aa) same with antimony sheath;

(1b) for approximately 1430 ft. 33- conductor, rubber insulated, lead-cov- ered cable with pure lead sheath;

(1-bb) same with antimony sheath;

(1 alt. a) for approx. 2670 feet 19- conductor, rubber insulated, lead-cov- ered cable with pure lead sheath;

(1 alt. aa) same with antimony sheath;

(a) for approximately 920 feet 18- conductor, rubber insulated, lead-cov- ered cable with pure lead sheath;

(a-1) same with lead antimony sheath.

(b) for approximately 570 feet 31- conductor, rubber insulated lead-cov- ered cable with pure lead sheath.

(b-1) same with lead antimony sheath.

The bids were:

(1-a) $1211; (1-aa) $1283, (1-b) $879 (1-bb) $929, (1-alt a) $1211, (1-alt aa) $1283 (a) $593; (a 1) $635, (b) $909 (b-1) $954

U. S. Rubber Products, Inc., bid same as above except (1-aa) $1293

All firms offered discounts of 1% 10 days.

BIDS OPENED.

LOS ANGELES, Calif.—Commercial Shearing and Stamping Co., 5717 San- ta Fe Ave., Los Angeles, submitted the low bid to the Metropolitan Water District March 12 at $8000, or $8.00 per rib, fob Youngstown, Ohio, for furnish- ing 1000 steel ribs, each consisting of two sections of 5-in., 10-lb. standard I-beams, complete with splice plates, base plates, bolts and nuts for support in 10-ft. tunnel. Spec. No. M-2040, Bid No. 33348.

The complete bids follow

Commercial Shearing and Stamping Co.: (1) $8; total, $8000; fob Youngs- town, Ohio; discount, 1% 10 days.

Youngstown Steel Car Corp.: (1) $8.82; total, $8820; fob Niles, Ohio; dis- count, 1% 10 days.

Consolidated Steel Corp.: (1) $12.82; total $12,820; fob Los Angeles, plus California sales tax if and when ap- plicable; net cash 30 days.

Pacific Coast Steel Corp.: (1) $18.78; total $18,780; fob Los Angeles; no cash discount; exclusive of California sales tax.

Koppel Industrial Car & Equipment Co.: (1) $14.07; total, $14,070; fob Kop- pel, Pa.; no cash discount.

BIDS OPENED

GRAND CANYON, Arizona — Fol- lowing bids received by Post Office Department, Washington, D. C., for furnishing furniture and screen line equipment for the U. S. Post Office, Grand Canyon, Arizona. Proposal No. 1596.

(1) f.o.b; (2) delivered and installed:

Federal Equipment Co., Carlisle, Pa., (1) $486.

American Hardware Co., New Britain, Conn., (1) $840 1%.

Original Cabinet Co., Niles, Mich., (1) $835 1%.

Morgan Lumber & Mfg. Co., Charles- ton, West Virginia, (1) $900 1%.

George Fensky, San Francisco, (1) $1000 1%.

CONTRACT AWARDED

LOS ANGELES, Cal. — Square D Co., Inc., 1318 E. 16th St., Los An- geles, at $5598 awarded conatract by D. P. Nicklin, Purchasing Agent, Los Angeles Water & Power Bureau, for furnishing 18 metal enclosed, indoor switches gear units under Spec. No. 1613.

BIDS OPENED

GRAND CANYON, Arizona—George Fensky Co., 761 Tehama St., San Francisco, at $368, submitted low bid to Post Office Department, Washing- ton, D. C., for furnishing furniture for the Post Office, Grand Canyon, Ariz. Proposal No. 1689.

Only other bid was submitted by Keyless Lock Co., Indianapolis, Ind., at $387.91.

CONTRACT AWARDED

LOS ANGELES, Cal.—The Southern Pacific Co. awarded the contract by the Metropolitan Water District Mar. 8 at $965,508 for the transportation of 2,638,000 barrels of cement to sites along the Colorado Aqueduct between the Potrero Shaft of the San Jacinto and the West Portal of the Coxcomb Tunnel during a period of four years. The award was previously made on a basis of one year but was re-considered by the board.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

SAN FRANCISCO.—Until March 26, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following:

CHC 3495 Automobile, Ford Tudor Sedan, Model A;

CHC 149 Grader Tractor Unit, Austin 8-ft. Dual Drive, Scarifier Attachment and McCormick Deering 10-20 Power Plant.

The above equipment may be inspected at the Division of Highways Yard at 1045 Derby Ave., Fruitvale, Oakland, on any working day between the hours of 8:30 A. M. and 4:30 P. M.

SACRAMENTO, Calif.—Until March 26, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 2457 Truck, Mack with P. T. & 3½ yd. hydraulic dump body, A. C.

CHC 2518 Truck, Mack with P. T. & 3½ yd. hydraulic dump body, A. C.

CHC 3071 Truck, Mack with P. T. & 3½ yd. hyrdaulic dump body, A. K.

CHC 154 Grader Tractor S-W, 8-foot blade, McCormick Deering Tractor, S. R. tires;

CHC 158 Grader Tractor, Austin Dual Drive with McCormick- Deering power plant, scarifier attch., penumatic tires. Dual tires on all drive wheels;

CHC 484 Tractor, Fordson with S. R. tires;

CHC 51 Mowing Machine, McCormick-Deering with 5-ft. sickle bar;

CHC 52 Mowing Machine, McCormick-Deering with 5-ft. sickle bar;

CHC 54 Mowing Machine, McCormick-Deering with 5-ft. sickle bar;

CHC 74 Mowing Machine, Case model "HV35" with 5-ft. sickle bar;

CHC 179 Asphalt Kettle; "Alco" 75-gal. capacity, 2 W. hand pump;

TWO Engines, Briggs — Stratton, 3-hp., air cooled, one model "Q", one model "R2".

The above equipment may be inspected at the Division of Highways yards at 1805 34th St., Sacramento, on any working day between the hours of 8:00 A. M. and 4:30 P. M.

CAMARILLO, Ventura Co., Calif.—Until March 26, 10 A. M., bids will be received by State Purchasing Agent Room 319, State Capitol, Sacramento, for 2900 linear feet of 10-in. and 450 linear feet of 6-in. Class 150 cast iron pipe and miscellaneous fittings and appurtenances to be delivered to the Camarillo State Hospital, near Camarillo, Calif. Bidding data may be procured from the State Purchasing Agent.. No bid will be considered unless it is accompanied by affidavit PWA 61 signed by the bidder.

FRESNO, Cal.—Until March 26, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 W. Olive Ave., Fresno, for the sale of the following:

CHC 3252 Truck Chassis, 3-Ton F. W. D. with P. T. 1929 Mod. "Utility 6".

CHC 334 Grader for Road, Adams 7 ft. Blade Leaning Wheels, S. K. Tires.

CHC 5303 Automobile, Plymouth 4-door Sedan, 1934.

All of the equipment listed may be inspected at the Division of Highways Yards, 645 West Olive Avenue, Fresno, from 8:30 A. M. to 4:30 P. M., on any working day.

WAR DEPARTMENT

FORT MASON, Cal. — Until March 15, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, San Francisco, under Req. No. QM 671-161-35, Memo 5974, for furnishing one centrifugal pump, horizontally split case, single stage type, 500 gals. per min. sea water capacity, against a total dynamic head of no less than 250 feet, operated at a speed not exceeding 3500 R.P.M.; and one centrifugal pump, horizontally split case, two stage type, 800 gals. per min. sea water capacity, against a total dynamic head of no less than 250 ft., operated at a speed not exceeding 1750 R.M.P.

The pumps are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from above office.

TEHAMA COUNTY

RED BLUFF, Tehama Co., Calif.—Until March 23, 10 A. M., bids will be received by the Board of Trustees of the Red Bluff Union High School District, Fred H. Weeks, Clerk, for furnishing one school bus with a capacity of 40 high school students. Bids may be submitted on a bus complete or on chassis and body.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until March 20, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 122, for the sale of the following:

LOT NO. 2: Approximately 7 tons of scrap iron, located in the Dept. of Education warehouse, 5th and Howard Sts., San Francisco.

LOT NO. 3: (a) Approximately 80 tons of scrap iron and steel, located at or near Hetch Hetchy Junction; (b) Approximately 10 tons of scrap iron and steel, located at Moccasin; (c) Approximately 2000 lbs. of scrap copper, located at Moccasin; (d) Approximately 500 lbs. of scrap brass, located at Moccasin.

The above property may be inspected at the points where now located.

U. S. INDIAN SERVICE

SAN CARLOS, Ariz.—Until March 26, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 5th floor, 751 S. Figueroa Street, Los Angeles, for furnishing switchboard, control equipment and accessories, complete for control of two generators and exciters, two feeders and 28 station service feeders, for a stand-by electrical generating system for the San Carlos Project, San Carlos, Ariz. Bid No. 0149. Specifications and additional bidding data may be obtained from the above office. Delivery fob cars at bidder's designated shipping point and/or Coolidge, Ariz.

SAN CARLOS, Ariz.—Until March 18, 2 P. M., bids will be received at the U. S. Indian Irrigation Service, 751 S Figueroa St., Los Angeles, for furnishing one deep well turbine pump complete with direct connected electric motor and pump house, delivered to well site on the San Carlos Indian Reservation, Ariz., and completely installed, in strict accordance with the specifications and drawings of typical pump house and rectangular well (Exhibit A), available at the above office. The well site is located within the reservation, approximately 2 miles south of San Carlos. Bid No. 0145.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until March 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 670-D, for furnishing and delivering fob cars at the shipping point or at Boulder City, one used diesel engine powered tow boat with reconditioned or rebuilt equipment for service on Boulder Reservoir, Boulder Canyon Project.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

RECLAMATION SERVICE

LAS CRUCES, N. M.—Until April 8, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 671-D, for furnishing and delivering fob cars at the factory, shipping point or at Las Cruces, N. M., one ditch cleaning and excavating machine of the double crawler traction and endless chain bucket digging unit type to be used for cleaning, deepening, and/or widening drains and canals and excavation new drains and canals on the Rio Grande Project, New Mexico-Texas.

Specifications obtainable from above office without charge to prospective bidders; to others, $0.25, not returnable.

PARK SERVICE

SAN FRANCISCO.—Until March 19, 1 P. M., bids will be received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Building, San Francisco, for furnishing four ½-c.y. full Diesel operated power shovels, with extra crane boom, without crane bucket.

Delivery fob bidder' sshipping point.

Specifications obtainable from above office.

U. S. POST OFFICE DEPT.

VISALIA, Tulare Co., Cal.—Until March 27, bids will be received by Public Works Branch, Treasury Department, Washington, D. C., for furnishing two free standing wood bulletin boards for the U. S. Post Office, Visalia.

WAR DEPARTMENT

FORT MASON, Cal.—Until March 22, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-207, Req. No. 928-4525-35, Memo. 6052 for furnishing 1000 packing boxes, and 3250 lbs. trisodium phosphate.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavn.
23.—Irrigation Prol.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

SUB-CONTRACTS AWARDED

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, general contractors for the construction of reinforced concrete viaducts, grading and paving of streets, and all incidental work necessary to complete in all respects, except wiring and fixtures for the lighting of the bridge, the San Francisco Section and Approaches (Contracts 15 and 15-A) of the San Francisco-Oakland Bay Bridge, have awarded the following sub-contracts:

Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.

Wrecking — Symon Bros. Wrecking Co., 1435 Market St., S. F.

Bids are now being received on electrical work.

PLANS COMPLETED

BERKELEY, Cal.—Plans and specifications for the Ashby Avenue grade separation have been completed by the State Division of Highways and forwarded to city authorities for approval. The structure will be an underpass carrying Ashby Ave. beneath the main lines of the Southern Pacific Railway. It will be approximately 900 feet in length, with two 21-foot roadways and pedestrian walk on each side. Estimated cost $200,000.

BIDS WANTED.

MARICOPA COUNTY, Ariz.—Until March 22, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for bridge construction on the Mesa-Superior Highway, APE 8059, NRH 65 (1935). The work, which is located approximately four miles east of Mesa, consists of widening of a concrete bridge over the Eastern Canal.

The principal quantities are:
270 c.y. structural excavation;
114 c.y. concrete;
8500 lbs. reinf. steel
30 c.y. removal of old concrete;
40 lin. ft. 24-in. concrete pipe;
1 slide head gate.

Plans may be obtained from State Highway Engineer, T. S. O'Connell. Certified or cashier's check for 5%.

BIDS OPENED.

SAN FRANCISCO—Moore Dry Dock Co., foot of Adeline St., Oakland, at $2,129 submitted low bid to James T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second St., San Francisco, under Contract No. 518, for furnishing one 98-ft. structural steel truss span for Italian Bar Bridge.

Complete bids follow:

Moore Dry Dock Co.: (1) $2,129; (2) weight, 46,000 lbs.; (3) shipping point, Oakland; (4) Terms, net; (5) Delivery, as specified.

Herrick Iron Works: (1) $2,180, (2) 43,117 lbs.; (3) Oakland; (4) net; (5) 60 days.

Golden Gate Iron Works: (1) $2,200; (2) 46,000 lbs.; (3) San Francisco; (4) ½%; (5) as specified.

Pacific Coast Steel Corp.: (1) $2,352; (2) 48,950 lbs.; (3) Alameda; (4) net; (5) 60 days.

Schrader Iron Works: (1) $2,695; (2) 50,00 0lbs.; (3) San Francisco; (4) net; (5) as specified.

Judson-Pacific Co.: (1) $2,862; (2) 45,500 lbs.; (3) Fresno; (4) net; (5) as specified.

Western Iron Works: (1) $2,910; (2) 46,000 lbs.; (3) San Francisco; (4) net; (5) 30 days.

California Steel Products Co.: (1) $2,948; (2) 48,400 lbs.; (3) San Francisco; (4) net; (5) as specified.

Bids held under advisement.

CONTEMPLATED

LOS ANGELES, Cal.—Bridges, culverts and grade separation projects included in the inventory of work projects to be submitted to the PWA prepared by Lloyd Aldrich, City Engineer and Co-ordinator for Federal and State Emergency Administration Projects, total $42,445,300.

March 12, 1935

BIDS OPENED.

SAN FRANCISCO. — Pacific Coast Steel Corp., 20th and Illinois, San Francisco, at $486 submitted low bid to Jas. T. Forster, General Purchasing Agent, Forest Service, 85 Second St., San Francisco, under Contract No. 519 for furnishing two 27½-ft. structural steel beam spans for the Italian Bar Bridge.

Complete bids follow:

Pacific Coast Steel Corp.: (1) $486; (2) weight, 12,218 lbs.; (3) shipping point, Alameda; (4) Terms, net; (5) Delivery, as specified.

Golden Gate Iron Works: (1) $531; (2) 6½ tons; (3) San Francisco; (4) ½%; (5) as specified.

Judson-Pacific Co.: (1) $555; (2) 12,700 lbs.; (3) San Francisco; (4) net; (5) as specified.

Herrick Iron Works: (1) $560; (2) 11,964 lbs.; (3) Oakland; (4) net; (5) as specified.

Schrader Iron Works: (1) $572; (2) 14,000 lbs.; (3) San Francisco; (4) net; (5) as specified.

Moore Dry Dock Co.: (1) $624; (2) 13,000 lbs.; (3) Oakland; (4) net; (5) as specified.

Minneapolis Steel & Machinery Co.: (1) $685; (2) 12,300 lbs.; (3) Los Angeles; (4) net; (5) as specified.

California Steel Products Co.: (1) $698; (2) 12,500 lbs.; (3) San Francisco (4) net; (5) as specified.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Halsey Machinery Co.: (1) $770, (2) 14,300 lbs.; (3) San Bernardino; (4) ½% 10 days; (5) 15 days.

All bids held under advisement.

CONTRACT AWARDED

YUBA COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at $42,143.40 awarded contract by the State Highway Commission, Sacramento, for widening seven reinforced concrete bridges between Wheatland and Marysville in Yuba County

BIDS WANTED.

SAN JOAQUIN COUNTY, Cal.—Until March 25, 11 A. M., as previously reported, bids will be received by the San Joaquin County Board of Supervisors, County Courthouse, Stockton, for the construction of landings and approach trestle at the site of the Woodward Island Ferry across Middle River between the Lower Jones tract and Woodward Island, about 15 miles west of Stockton.

The work involves:

SCHEDULE NO. 1
Estimated Cost, $4,800
(1) 2,680 l.f. untreated piles;
(2) 45 MFBM Douglas fir timber ;
(3 4.5 MFBM Redwood timber;
(4) 205 l.f. wire fabric.

SCHEDULE NO. 2
Estimated Cost, $6,600
(1) 2,680 l.f. creosoted piles;
(2) 45 MFBM Douglas fir timber;
(3) 4.5 MFBM redwood timber;
(4) 205 l.f. wire fabric.

Plans and specifications obtainable at the office of County Surveyor Julius B. Manthey, 111 S. Sutter Street, Stockton.

BIDS WANTED.

SIERRA COUNTY, Cal.—Until April 3, 3 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across the North Fork of the North Fork of the Yuba River at Downieville, consisting of two 40 foot, two 31 foot and two 9 foot spans on concrete piers and grading roadway approaches.

The work involves:
(1) 1.3 acres clearing and grubbing right of way;
(2) 210 M. gallons water;
(3) 8,800 c.y. rdwy. excav., unclass.;
(4) 1,490 c.y. structure excavation;
(5) 126,000 sta. yds. overhaul;
(6) 67,500 lbs. bar reinf. steel;
(7) 455 c.y. Class A Portland cement concrete (structure);
(8) 12 c.y. Class F do (railing);
(9) 150 c.y. Class A Portland cement concrete (footing blocks);
(10) 62 l.f. 18-in. CMP;
(11) 95 c.y. sacked concrete riprap;
(12) 1,720 c.y. selected stone embankment;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

IMPERIAL COUNTY, Cal.—Parish Bros., 1222 N. Gower St., Hollywood, at $11,689 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, at the office of the District Engineer, Union Building, San Diego, for constructing a bridge in Imperial County, 3.7 miles east of Brawley across Alamo river, consisting of eight 19-ft. timber trestle spans on pile bents.

Total bids follow:

(A) Parish Bros., Hollywood, $11,-689.00.
(B) O. U. Miracle, San Diego, $13,-199.27.
(C) R. E. Hazard Contracting Co., San Diego, $14,392.60.
(D) V. R. Dennis, San Diego, $14,-824.60.
Unit bids will be published shortly.

COMPLETE BID LISTING

IMPERIAL COUNTY, Cal.—Parish Bros., 1222 N. Gower St., Hollywood, at $11,689 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, Union Bldg., San Diego, for constructing a bridge in Imperial County, 3.7 miles east of Brawley across Alamo river, consisting of eight 19-ft. timber trestle spans on pile bents.

The work involves

(1) 1 only detour bridge complete;
(2) 1 only existing bridge to be removed and disposed of;
(3) 1500 c.y. roadway excavation ,unclassified;
(4) 90 c.y. imported gravel (detour);
(5) 7 tons fuel oil (detour);
(6) 119 tons curshed gravel or stone (bit. treated surfacing);
(7) 6 tons cut-back asphalt (bituminous treated surfacing);
(8) 1815 ft. furnishing treated Douglas fir piles, including test piles,
(9) 49 each, driving do;
(10) 60 M. ft. b.m. redwood timber, dense select, all-heart structural grade;
(11) 17 M. ft. b.m. timber, select, all-heart structural grade;
(12) 18 l.f. 36-in. corru. metal pipe (close riveted and soldered);
(13) 1 only, concrete joint for corru. metal pipe culvert;
(14) 1 lot misc. items of work.

Total bids follow:

(A) Parish Brothers, Hollywood, $11,-689.00.
(B) O. U. Miracle, San Diego, $13,-199.27.
(C) R. E. Hazard Contr. Co., San Diego, $14,392.60.
(D) V. R. Dennis, San Diego, $14,-824.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)...	$746.00	$ 925.00	$ 958.00	$1200.00
(2)...	250.00	1050.00	350.00	1500.00
(3)..	.60	.30	.50	.40
(4)....	1.80	3.50	9.00	2.50
(5)....	40.00	69.66	18.30	20.00
(6)..	2.50	4.40	8.20	6.00
(7)	30.00	61.75	27.00	25.00
(8)...	.58	.58	.78	.70
(9) .	19.00	20.00	26.00	20.00
(10)	85.00	80.35	88.40	85.00
(11)	85.00	85.35	90.00	87.00
(12)	10.50	12.20	20.00	7.00
(13)	33.00	25.00	75.00	40.00
(14)	122.80	528.30	300.00	1200.00

BIDS OPENED

SAN JOAQUIN CO., Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at $8,835 submitted low bid to the State Highway Commission, Sacramento, for construction of an underground crossing under the tracks of the A. T. & S. F. Railway at Fresno Avenue near the City of Stockton, San Joaquin County, consisting of one 26-ft. 8-in. steel stringer span with timber deck on concrete abutments with wing walls. The work involves:

(1) 2200 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(2) 60 each driving creosoted Douglas fir piles, including test piles;
(3) 1300 cu. yds. excav., unclass;
(4) 205 cu. yds. Class A Portland cement concrete;
(5) 12,000 lbs. bar reinforcing steel;
(6) 27,000 lbs. structural steel;
(7) 3 m. ft. board measure creosoted Douglas fir timber;
(8) 1 lot miscellaneous items of work.

Total bids follow:

(A) Lord & Bishop, Sacramento, $8,-835.00.
(B) F. Kaus, Stockton, $10,008.75.
(C) John Hachman, Stockton, $11,-174.00.
(D) Willard & Biasotti, Stockton, $11-307.50.
(E) John Carcano, San Rafael, $12,-291.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .60	$ .54	$ .62	$ .60	$ .65
(2)	16.00	25.00	27.50	40.00	35.00
(3)	.60	1.00	1.50	1.00	1.25
(4)	15.00	15.55	16.00	15.50	16.50
(5)	.045	.06	.04	.06	.0425
(6)	.06	.06	.06	6.00	.06
(7)	80.00	136.00	110.00	90.00	85.00
(8)	300.00	85.00	500.00	500.00	350.00

22—DREDGING HARBOR WORKS EXCAVATION

PERMIT ASKED

LONG BEACH, Calif. — Application has been made by the Rohl-Connolly Company for War Department permit to dredge a loading berth, construct a wharf, and drive six dolphins near the south bank of Cerritos Channel and easterly of the Badger Avenue drawbridge at Long Beach.

Drawings showing the location and plan of proposed work may be seen in the U. S. Engineer Office, 751 South Figueroa St., Los Angeles, until 11 A. M., Thursday, March 21. Major H. H Stickney, District Engineer.

BIDS OPENED

SAN DIEGO, Cal.——Chas. and F. W. Steffgen, 2015 Bay Front St., San Diego, submitted low bid to the Public Works Officer, Naval Operating Base, 11th Naval District, foot of Broadway, San Diego, March 5, at $5685 for repairs to the fender system Station Pier, at the Naval Operating Base (Fuel Depot), San Diego. Specificatons No. 7877. The work consists in general of (a) the removal of 20 existing damaged fender piles and/or broken fender pile stubs of the main pier and the provision and installation of 20 new creosoted fender piles to replace the ones removed; (b) the unwrapping of one existing 19-pile dolphin and the removal of four existing broken piles, and the provisiona nd installation of four new creosoted piles to replace the ones removed and including the rewrapping of the dolphin; (c) the removal of existing broken stubs of a removed 13-pile dolphin and the provision of new materials for and the installation of a new 19-pile dolphin to replace the one removed; and (d) new timbers for wales and chocks, new bolts, washers, lag screws, etc., as required for making alterations and repairs.

The other bids were:

M. H. Golden, San Diego, $5812.
V. R. Dennis Constr. Co., San Diego

TO ASK FUNDS

LOS ANGELES, Cal.—A comprehensive inventory of work projects for the City of Los Angeles to be submitted to the Federal Emergency Administration of Public Works, has been prepared by Loyd Aldrich, City Engineer and Co-ordinator for Federal and State Emergency Administration Projects. Harbor improvements, docks and warehouses, railroad terminal facilties, and miscellaneous dredging projects total $15,578,500.The list follows:

Estimated costs, (1) Labor; (2) Material, Equipment, Etc.:

1st St., Marine Passenger and Gen Cargo Terminal, (1) $1,111,000; (2) $574.
7th St. Marine Passenger and General Cargo Terminal (1) $1,111,000; ($574,000.
11st St. Marine Passenger & Gener Cargo Terminal, (1) $1,111,000; ($574,000.
Pier "A" St. Marine Passenger a Gen. Cargo Terminal, (1) $195,00 (2) $89,500.
Marine Cargo Terminal—Wilmingt Water Front, (1) $606,000; ($286,000.
5th St. Ferry and Landing Facili (1) $288,000; (2) $129,000.
Commercial Graving Dock, (1) $3,310 000; (2) $1,764,000.
West Basin R/W Relocation a n Drawbridge Removal, $614,500; ($208,000.
Extension of Belt Line Terminal, ($614,500; (2) $208,000.
Extension of Fish Harbor, (1) $179 800; (2) $183,200.
Municipal Wholesale Fish Market, ($154,800; (2) $76,000.
Miscellaneous Dredging, (1) $239,10 (2) $20,700.
Total for Harbor, (1) $9,069,000; ($4,543,900.

BIDS OPENED.

SEATTLE, Wash.—Puget Soun Bridge & Dredging Co., 2929 16th S.W Seattle, at $0.15 per c.y., total $21,7 submitted the only bid to the U. S Engineer Office, Seattle, for dredgin 145,000 c.y. of material from Duwa mish waterway.

BIDS WANTED

PORTLAND, Oregon—Until Marc 19, 3 P. M., bids will be received b the U. S. Engineer Office, 306 Custom house, Portland, under Bid No. 35 500, for dredging a channel about 480 feet long, 150 feet wide and 3½ fee deep at low water, in the Willamett River at Jackson Bend Bar, about 6 miles above its mouth at the Colum bia River, Oregon. The work involve dredging and disposing of approxi mately 147,670 cu. yds. of material.

Plans and specifications obtainabl from above office.

BIDS WANTED.

LOS ANGELES, Cal.—Until April 1 2 P. M., bids will be received by th Los Angeles county supervisors, Hal of Records, for the construction of a wooden bulkhead on the west side o Emerald Ave. north of Foothill Ave at La Verne Wash, La Verne. Th bulkhead will be 740 ft. in length an 9 ft. in height, with wooden posts an wooden guard fence. Cast Contrac No. O. B. 448. W. B. Armstrong, 12th floor, Hall of Records, County Bridge Engineer. Mame B. Beatty, 501 Hal of Records, Clerk of the Board.

BIDS OPENED.

SANTA MONICA, Los Angeles Co., Cal.—Merritt-Chapman & Scott Corp., 720 Wilmington - Redondo Blvd., San Pedro, at $11,103 submitted low bid and recommended for award of contract to the Santa Monica City Council for constructing an extension to the lower deck of the municipal pier. The work consists of an extension to the lower deck of the pier to be equipped with eighty 50-ft. buffer piles, spring shock absorbers and two dolphins.

Complete bids follow

Merritt-Chapman & Scott Corp., San Pedro, $11,103.00.
Pan-Pacific Piling & Const. Co., Los Angeles, $12,000.00.
Department of Public Works, Force Account, $12,293.16.

23—IRRIGATION PROJ.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho —Until March 28, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec No. 669-D, for the construction of

Earthwork and structures, Kingman Main Drain and Kingman Drain 2.23, Mitchell Butte Division, Owyhee Project, near Adrian, Oregon.

The work involves:

(1) 93,500 cu. yds. all classes excavation for drain;
(2) 250 cu. yds. do for structures;
(3) 2600 cu. yds. back fill;
(4) 80 cu yds. concrete in structures;
(5) 10 sq. yds. dry-rock paving.
(6) Placing 4900 lbs reinforcement bars;
(7) Laying 1506 lin. ft. of 15-in. and 18-in. corrugated metal pipe.
(8) Erecting 5 MFBM of timber in structures.

Specifications obtainable from the Bureau of Reclamation at Ontario, Oregon, or Denver, Colorado, without charge to prospective bidders; to others $1 not returnable.

APPLICATIONS FILED

SACRAMENTO, Cal. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources during the month of February, 1935:

8227 (Del Norte County) U. S. Siskiyou National Forest, Grants Pass, Oregon, for 0.25 cu. ft. per second from an unnamed stream tributary to Middle Fork Smith River. To be diverted for domestic purposes.

8228 (Siskiyou County) Michael H. Bush, Somes Bar, Calif., for 3 cu. ft. per second from unnamed gulch and 3 unnamed springs tributary to Salmon River. To be diverted for mining and domestic purposes. Estimated cost $300.

8229 (Shasta County) Daniel Hightower, Schilling, Calif., for 0.5 cu. ft. per second from South Liberty Gulch tributary to Whiskey Creek. To be diverted for irrigation and domestic purposes on 40 acres.

8230 (Sierra County) Scales Placer Mining Co., % Geo. F. Taylor, Downieville, Calif., for 5 cu. ft. per second from Rock Creek tributary to Canyon Creek and North Fork Yuba River. To be diverted for power purposes. 105.11 theoretical horsepower to be developed Estimated cost $3000.

8231 (Siskiyou County) Thomas B. Wells, 1582 E-14th St., Oakland, Calif. Wells, 1562 E-14th St., Oakland, Calif., Valley Creek tributary to Indian Creek. To be diverted for mining purposes.

8232 (Trinity County) H A. Dinsmore and C. W. Taylor, Fortuna, Cal. for 0.25 cu. ft. per second from Hudson Creek tributary to Trinity River. To be diverted for irrigation and domestic purposes on 24 acres. Estimated cost $400.

8233 (Sierra County) E. L. Goldstein Company, % Ruth A. Taylar, Downieville, Calif., for 25 cu. ft. per second from Cherokee Creek tributary to North Fork Yuba River. To be diverted for mining purposes.

8234 (Sierra County) E. L. Goldstein Company, % Ruth A. Taylor, Downieville, Calif., for 25 cu. ft. per second from East and West Branches of Cherokee Creek tributary to North Fork Yuba River. To be diverted for mining purposes.

8235 (Siskiyou County) H. J. Hansen and Karl Johnson, Happy Camp, Calif., for 2 cu. ft. per second from Tanner Gulch tributary to South Fork Indian Creek. To be diverted for mining purposes. Estimated cost $50.

8236 (Siskiyou County) Ray J. Barber, Palo Alto, Calif., for 260 cu. ft. per second from Scott River tributary to Klamath River. To be diverted for power purposes. 886 theoretical horsepower to be developed. Estimated cost. $20,000.

8237 (Siskiyou County) Ray J. Barber, Palo Alto, Calif., for 20 cu. ft. per second from Scott River tributary to Klamath River. To be diverted for mining purposes. Estimated cost $20,000.

8238 (Merced County) El Nido Irrigation District, El Nido, Calif., for 100 cu. ft per second direct diversion and 10,000 acre ft per annum underground storage from Duck Slough tributary to Bear Creek thence San Joaquin River. To be diverted for irrigation and domestic purposes on 9500 acres

8239 (Sierra County) Alpha Hardware & Supply Co., Downieville, Calif., for 0.205 cu. ft per second from 2 unnamed ravines tributary to Woodruff Creek. To be diverted for mining purposes. Estimated cost $300.

8240 (Sierra County) Alpha Hardware & Supply Co., Downieville, Calif for 0.2 cu. ft. per second from 2 unnamed ravines tributary to Woodruff Creek. To be diverted for mining and domestic purposes. Estimated cost $600.

8241 (San Luis Obispo County) City of San Luis Obispo, San Luis Obispo, Calif., for 2.32 cu. ft. per second and 1799 acre ft. per annum from Lopez Creek tributary to Arroyo Grande Creek. To be diverted for municipal purposes. Estimated cost $600,000.

8242 (San Luis Obispo County) City of San Luis Obispo, San Luis Obispo, Calif., for 25,000 ac. ft. per annum from Salinas River tributary to Pacific Ocean. To be diverted for municipal purposes. Estimated cost, $980,000.

8243 (Riverside County) George E. Sala, San Jacinto, Calif., for 0.036 cu. ft. per second from a spring tributary to Poppet Creek. To be diverted for irrigation and domestic purposes on 12 acres. Estimated cost $500.

8244 (Napa and Solano Counties) Ole Nelson, Trustee for District to be formed, Suisun, Calif., for 25 cu. ft. per second and 16,000 ac. ft. per annum from Wooden Valley Creek and Suisun Creek tributary to Suisun Bay. To be diverted for irrigation and domestic purposes on 15,000 acres. Estimated cost $750,000.

8245 (Inyo County) Ingle Carpenter, 1111 Pershing Square Bldg., Los Angeles, Calif., for 1.3 cu. ft. per second from Rock Creek tributary to Owens River. To be diverted for power. 2.95 theoretical horsepower to be developed.

8246 (Del Norte County) Wm. H. Arthur, Crescent City, Calif., for 0.025 cu. ft. per second from Rock Creek tributary to Smith River. To be diverted for domestic purposes.

8247 (Mono County) Mrs. Leslie Warren, Glendora, Calif., for 200 gals. per day from Glass Creek tributary to Owens River. To be diverted for domestic purposes. Estimated cost, $100.

8248 (Mono County) K. W. Brown, Bishop, Calif., for 1500 gals. per day from Rock Creek tributary to Owens River. To be diverted for domestic purposes. Estimated cost $1000.

8249 (El Dorado County) Dr. A. S. Almeida, Dixon, Calif., for 200 gals. per day from a spring tributary to South Fork American River. To be diverted for domestic purposes. Estimated cost $50.

8250 (San Benito County) Pacheco Pass Water District, Hollister, Calif., for 25 cu. ft. per second and 1200 ac. ft. per annum from Arroyo De Las Viboras tributary to Pajaro River. To be diverted for irrigation and domestic purposes on 800 acres. Estimated cost $500.

8251 (Inyo County) Frank H. Long, Pasadena, Calif., for 0.05 cu. ft. per second from Coulter Spring tributary to South Park Canyon. To be diverted for mining and domestic purposes. Estimated cost $2000.

8252 (Del Norte County) T. L. and Laura A. Hines, Crescent City, Calif for 0.025 cu. ft per second from Rock Creek tributary to Smith River. To be diverted for domestic purposes

8253 (Placer County) Stephen F. Ritolo, Roseville, Calif., for 1.5 cu. ft per second from Dry Creek tributary to Sacramento River To be diverted for irrigation purposes on 120 acres Estimated cost $1000.

8254 Siskiyou County) B. F. Ryder, Somes Bar, Calif., for 2 cu. ft. per second from Fern Flat Gulch, tributary to Salmon River To be diverted for mining purposes. Estimated cost $25.

8255 (Kern County) Crescent Bay Council Boy Scouts of America, Santa Monica, Calif., for 0.01 cu. ft. per sec. from 3 unnamed springs tributary to San Emigolo Creek. To be diverted for recreational and domestic purposes.

8256 (Sierra County) L. M. Bunce, Yuba City, Calif., for 2880 gals. per day from a spring tributary to North Yuba River. To be diverted for domestic purposes. Estimated cost, $50

8257 (Amador County) Raymond Silva, Sacramento, Cal. for 270,000 ac ft. per annum from Consumes River tributary to Mokelumne River To be diverted for municipal purposes.

8258 (Amador County) Raymond Silva, Sacramento, Calif for 270,000 ac. ft. per annum from Consumnes River tributary to Mokelumne River. To be diverted for power purposes. 13,360 theoretical horsepower to be developed.

8259 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, Cal., for 0.003 cu. ft. per second from Upper Atmore Spring tributary to Santa Clara River. To be diverted for fire protection and stock watering purposes. Estimated cost $250.

8260 (Los Angeles County) U. S. Angeles National Forest, Los Angeles Calif., for 0.002 cu. ft. per second from Texas Spring tributary to Santa Clara River. To be diverted for fire protection and recreational purposes. Estimated cost $250.

8261 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, Calif., for 0.005 cu. ft. per second from Shake Canyon Spring tributary to Pine Canyon. To be diverted for fire protection and recreational purposes. Estimated cost $1500.

8262 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, Calif., for 0.002 cu. ft. per second from Hidden Spring tributary to Santa Clara River. To be diverted for fire protection purposes. Estimated cost $700.

8263 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, Calif., for 0.002 cu. ft. per second from Warm Spring No. 2 tributary to Santa Clara River. To be diverted for fire protection purposes. Estimated cost $250.

8264 (Los Angeles County) U. S. Angeles National Forest, Los Angeles, Calif., for 0.002 cu. ft. per second from Ruby Spring tributary to Santa Clara River. To be diverted for fire protection purposes. Estimated cost $250.

8265 (Butte County) Jack L. Morrison, Stirling City, Calif., for 1 cubic foot per second from Fall Creek tributary to West Branch Feather River. To be diverted for mining and domestic purposes.

8266 (Inyo County) J. C. Hodge, Independence, Calif., for 6000 gals. per day from an unnamed stream in Water Canyon tributary to Panamint Valley. To be diverted for recreational purposes Estimated cost $1000.

$267 (Siskiyou County) George M. Hubbard, Seiad Valley, Calif., for 37 cu. ft. per second from Seiad and Canyon Creeks tributary to Klamath River. To be diverted for mining purposes. Estimated cost $4000.

25—MACHINERY AND EQUIPMENT

BIDS OPENED.

SAN FRANCISCO. — Following bids received by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second Street, under Contract No. 520, for furnishing one full hydraulic type auto lift, 5-ton capacity, fob bidder's shipping point:

Wayne Co., Boyle-Dayton Division, $205.
Hallett Mfg. Co., $205.
Paramount Mfg. Co., $205.
Chanslor & Lyon, $237.40.
J. D. Cochin Mfg. Co., $245.25.
Fred E. Barnett Co., $285.
All bidders of San Francisco.
Bids held under advisement.

BIDS OPENED.

TRINITY COUNTY, Cal.—Identical low bids at $0.68 per hour were submitted by the Hayward Bldg. Supply Co. and the Hayward Bldg. Material Co., Atherton and Jackson Sts., Hayward, to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for the rental of two 2-cu. yd. dump trucks for 400 to 600 hours. To be used on California Forest Highway No. 5, the Douglas City-Peanut National Forest Highway in Trinity County.

Complete bids follow:

Hayward Bldg. Supply Co., Hayward	$0.68
Hayward Building Material Co., Hayward	.68
Eugene Della Rosa, Martinez (1 truck)	.695
Bruno Skibo, Oakland	.695
Rock & Gravel Equip. Co., Oakland	.71
F. M. Maestretti, Oakland	.74
J. P. Breen, Sacramento	.75
E. Barbettini, Oakland	.76
L. Green, Oakland	.795
Burkholder & Miller, Oakland	.845
Eugene Della Rosa, Martinez (1 truck)	.85
Paul Entremont, Colusa	1.00
S. Eastwood, Fawn Lodge	1.00
Thos. Ashurst, Hopland	1.45

E. Barbettini submitted a bid of $.66 per hour for a 1½-yd. truck, which is not acceptable.

Bids held under advisement.

BIDS OPENED.

TRINITY COUNTY, Cal.—Following bids received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for the rental of one ⅜, ¼ or ½ cu. yd. power shovel for 400 to 600 hours. To be used on California Forest Highway No. 5, the Douglas City-Peanut National Forest Highway in Trinity County:

Contractors Mchy. Exchange, Oakland: $250 per month plus $100 transportation, 96c per hour for operator, and 95c per hour for gas and oil, for a Bear Cat Jr. 3/10 cu. yd.

C. W. Westover, Hayward, $3.65 per hour for a Bay City ⅜ cu. yd.

Harrison & Harrison, Oakland, $5.50 per hour for a P & H ⅜ cu. yd.

J. P. Breen, Sacramento, $4.40 per hour for a Universal ⅜ cu. yd.

Rock & Gravel Equipment Co., Oakland, $5.70 per hour for a Fordson ¼ cu. yd.

S. Eastwood, Fawn Lodge, $3.30 per hour for an Insley ⅜ cu. yd.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Pacific Coast Iron & Steel Co. awarded contract by the Metropolitan Water District March 8 at $9939 for furnishing 122 ft. 6-in. of movable steel telescoping interior forms and 87 ft. 6-in. exterior forms, for 12-ft. 4-in. diameter monolithic syphons. Spec. No. 89.

Blaw-Knox and Western Pipe and Steel Co. awarded contract for furnishing a traveler under same specifications.

BIDS OPENED

LONG BEACH, Cal.—Bids for furnishing f.o.b. gas department, one portable air compressor, Spec. No. C-548, were opened by the Long Beach City Manager, R. M. Dorton, March 11. The bids were:

Garlinghouse Bros.	$1400
Gardner-Denver Co.	1615
Chicago Pneumatic Tool Co.	1615
Smith Booth Usher Co.	1750
Brown-Bevis Equipment Co.	1750
Ingersoll-Rand Co.	1750
Worthington Co.	1750
Sullivan Machinery Co.	1900

Alt., $1750.

26—— RAILROADS

BIDS WANTED

PITTSBURG, Conta Costa Co., Cal.—The Shell Chemical Co., Drawer F, Pittsburg, % Irving C. Roth, Engineering Dept., is taking informal subbids under Inquiry No. C-139, for the following railroad equipment:

(1) 4600 ft. standard rail;
(2) 1200 railroad ties;
(3) Frogs and switches;
(4) One wooden gondola car with removable sides to meet railroad specifications.

28 — FIRE EQUIPMENT

PREPARING SPECIFICATIONS

HEALDSBURG, Sonoma Co., Cal.—Healdsburg City Council has authorized preparation of specifications for a 350-gallon capacity fire truck and pumper.

DATE SET.

KINGS COUNTY, Cal.—Kings County Board of Supervisors has set March 21 as the date for a hearing on the formation of the West Side Fire Protection District, comprising the Sunset and Reefe school districts. J. C. Griswold, fire warden.

CONTEMPLATED

CONTRA COSTA COUNTY, Cal.—County Surveyor R. R. Arnold has submitted a list of 25 fire prevention projects to the Northern California District PWA office in San Francisco for approval and report on possible financial aid. Expenditure of $133,060 for material and equipment is estimated, including fire truck, $8000; fire alarm system, $8000; five water tanks, $15,000, etc.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $56,149.80 awarded contract by the State Highway Commission, Sacramento, for 0.7 mile grading and paving with Portland cement concrete and asphalt concrete in the cities of Long Beach and Signal Hill, between Stanley Avenue and Loma Avenue.

30—RESERVOIRS & DAMS

PREPARING PLANS.

SEATTLE, Wash.—Plans are being prepared, under the supervision of City Water Superintendent Walter Fowler, for the construction of the Cedar River Watershed.

Work will include construction of a concrete dam to replace existing dam at Landsburg intake, estimated to cost $100,000, and construction of a forest fire lookout tower.

PLANS COMPLETED.

SANTA CLARA COUNTY, Calif.—Plans and specifications for Coyote Dam have been approved by directors of the Santa Clara Water Conservation District and submitted to A. D. Wilder, state PWA engineer, for approval. Coyote dam is the largest of five earth-fill dams being constructed by the district in the vicinity of San Jose and Los Gatos. It will be 900 ft. in length at the crest and 120 ft. in height. Fred H. Tibbetts, Alaska Commercial Bldg., San Francisco, is chief engineer for the district.

BIDS WANTED

FORT PECK, Mont.—Until April 3, 11:00 A. M., bids will be received by the U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, Mo., Capt. Theodore Wyman Jr., Asst. Division Engineer, for furnishing all labor and materials and performing all work for constructing spillway gate structure, cut-off structure, and appurtenant works for the Fort Peck dam. Federal Project No. 5.2-30/70. Plans may be secured from the above office upon receipt of certified check or money order, for $200, made payable to the Disbursing Officer.

BIDS OPENED

HILLSBOROUGH, San Mateo Co., Cal.—Charles Pedersen, 734 Prospect Row, San Mateo, at $7432 submitted the lowest of nine bids received by W. C. Hammatt, Engineer, 804 N. Tuxedo Ave., Stockton, for the construction of a 500,000 gallon concrete reservoir on the Black Mountain Rd., Hillsborough, for the Hillsborough Water Company.

The engineer's estimate for the work was $6414.

Bids were taken from a selected list of contractors.

LOW BIDDER

BONNEVILLE, Oregon—Pacific Car & Foundry Co., White Bldg., Seattle, at $101,005 on Schedule 1 for furnishing derricks and emergency dam, and at $7159 on Schedule II, for unwatering gates and stop logs, submitted low bid to the U. S. Engineer Office, Customhouse, Portland, under Bid No. 35-457, for furnishing and installing one derrick and the stop lock emergency dam, and for furnishing one derrick, three valve chamber unwatering gates and fifty stop logs, for the Bonneville Dam.

Complete bids will be published shortly.

31—PIPE LINES & WELLS

BIDS OPENED.

SAN FRANCISCO. — Following bids received by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second Street, under Contract No. 521, for furnishing one shallow well water supply system, fob bidder's shipping point:

Woodin & Little, $312; 2% 10 days.
Pacific Pump & Supply Co., $395.45; 2% 30 days.
Fairbanks-Morse Co., $399.30; 2% 10 days.
Simonds Machinery Co., $428.37; 2% 30 days.
All bidders of San Francisco.
Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO — Pacific Bridge Co., 1110 Balfour Bldg., San Francisco, at $698,226.25, on Proposition "A", awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 53, for construction of a double line of 54-in. submarine

pipe, approximately 2800 ft. in length, across the southerly arm of San Francisco Bay at Dumbarton Strait, from a point located on the easterly shore of San Francisco Bay, about 3½ miles westerly from town of Newark in Alameda County, to the existing caisson at the easterly end of the San Francisco Water Department's steel bridge, about 7 miles easterly from Redwood City, San Mateo County; and a single line of 54-in pipe, approximately 435 feet long, across Newark Slough, a navigable channel, at a point about 2 miles westerly from the town of Newark.

The proposed submarine pipes will be laid northerly of and in general parallel to the existing 42-in. cast iron submarine pipe line of the San Francisco Water Department, which is located northerly of the Southern Pacific Company's railroad bridges at these crossings.

The contract covers in addition to the furnishing and installing of the submarine pipe lines proper: the furnishing and or installing of the necessary valves, fittings and pipe connecting with the 60-in. and 76-in. pipe on the bridge and extending down through the caisson to the submarine outlets, including all auxiliary piping and appurtenances, all steel work and concrete supports, all electrical work, and the housing structure over the caisson; the removal of certain portions of the existing 16-in. submarine pipe lines of the San Francisco Water Department; the furnishing and installing of the connections between the submarine pipes at the east shore of the Bay with the existing 60-in. pipe and the 66-in. pipe being constructed under Contract No. W. D. 46; the furnishing and installing of the connection with the new 66-in. line on both sides of Newark slough; all excavation and backfill; furnishing and installing the necessary support for the pipe including pile trestles, rock fill and tremie concrete; the satisfactory testing of the line and its delivery to the City complete and ready for service.

Under Proposition "A" the required submarine pipe construction shall consist of pipe with flanged joints supported on submarine pile trestles. The pipe shall be fabricated of ¾-in. steel plates, coated outside with bituminous enamel and a jacket of reinforced gunite 6-in. thick. The inside of the pipe shall be coated with a spun bituminous enamel lining. The length of sections in which the pipe is to be fabricated and laid is optional with the Contractor. Joints will be made by means of flanges, bolted up under water and encased in blocks of tremie concrete. The pile trestle supporting the pipe shall be composed of pile bents spaced generally on 20-ft. centers, plus or minus, placed in trenches dredged for the purpose; the trenches are to be backfilled with excavated material after the pipe lines have been completed and tested.

BIDS OPENED

SAN FRANCISCO—Herman Lawson Co., 465 Tehama Street, at $77,049.19 submitted low bid to the Department of Public Works, Room 251, City Hall, for installing Section B, Potrero District Extension, Auxiliary Water Supply System, for Fire Protection.

The work involves:

Cast Iron Pipe and Special Castings in Place:

(1) 1215 l.f. 16-in. Class H double spigot, plain;
(2) 518 l.f. 16-in. do. lugged.
(3) 184 l.f. 16-in. Class H bell and spigot, plain;
(4) 249 l.f. 16-in. Class G bell and spigot, lugged.
(5) 1311 l.f. do. plain;
(6) 4652 l.f. 12-in. Class H bell and spigot, plain;
(7) 170 l.f. 12-in. Class H double spigot, lugged;
(8) 662 l.f. 12-in. Class H bell and spigot, lugged.
(9) 547 l.f. 10-in. Class H double spigot, plain;
(10) 77 l.f. do. lugged;
(11) 4548 l.f. 10-in. Class H bell and spigot, plain;
(12) 819 l.f. do lugged.
(13) 304 l.f. 8-in. Class H bell and spigot, lugged.
(14) 25 10-in. gate valves, reconditioned (not in place);
(15) 6 14-in. gate valves in place;
(16) 25 10-in. gate valves in place;
(17) 32 8-in. gate valves in place;
(18) 32 stand. H. P. hydrants in place;

Note: Items 1 to 18 inclusive, cast iron pipe, valves, hydrants and special castings, will be furnished by the city delivered:

(19) 89,240 lbs. pig lead, furnished and
(20) 22,100 lbs. cast steel special castings, furnished and delivered;
(21) 28,088 lbs. cast iron special castings, furnished and delivered;
(22) 27,583 lbs. manhole and valve box cast iron frames, covers & dust pans, furnished and placed;
(23) 57,461 pounds wrought iron bolts, nuts and washers, furnished and placed;
(24) 2,228 lbs. reinf. steel, furnished & placed;
(25) 34 c.y. Class B concrete in place;
(26) 9157 c.y. excavation and backfill;
(27) 43,864 sq. ft. asphalt - concrete pavement (2x6-in.) Class F conc.
(28) 288 sq. ft. concrete sidewalks (1 course);
(29) 20 c.y. broken rock, furnished and placed;
(30) 45 tons bell and spigot pipe or double spigot pipe without lugs, in Classes C to H inclusive and in nominal diameters of 8- to 18-in. inclusive;
(31) 12 tons do. with bolting lugs.

Note: Items 19 to 31 inclusive: all materials, including pipe, shall be furnished by the contractor.

Total bids follow:

(A) Herman Lawson Co., San Francisco, $77,049.19.
(B) Pacific Pavements Co., San Francisco, $79,993.24.
(C) E. J. Treacy, San Francisco, $84,-703.19.
(D) Eaton & Smith, San Francisco, $88,164.31.
(E) Robt. B. McNair and H. Gould Sacramento, $92,241.54.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.08	$1.54	$2.43	$3.50	$2.34
(2)	1.25	1.54	2.36	3.50	2.53
(3)	.92	1.17	2.85	3.05	2.31
(4)	1.37	1.17	2.37	3.05	2.59
(5)	.89	1.17	2.61	3.05	2.34
(6)	.59	1.09	2.20	2.50	2.17
(7)	1.47	1.46	1.59	2.80	2.32
(8)	.57	1.09	2.61	2.55	2.32
(9)	.90	1.30	2.11	2.65	2.12
(10)	1.05	1.30	1.69	2.90	2.22
(11)	.51	1.12	2.30	2.10	2.12
(12)	.48	1.12	1.68	2.40	2.22
(13)	1.08	1.00	1.03	2.55	2.42
(14)	26.00	41.80	35.00	56.00	30.00
(15)	18.00	20.00	38.00	58.00	30.00
(16)	15.00	13.00	38.00	36.00	30.00
(17)	5.30	12.00	15.00	18.90	30.00
(18)	8.00	15.00	25.00	27.00	42.00
(19)	.05	.06	.04	.0385	.04
(20)	.21	.25	.21	.20	.21
(21)	.055	.07	.05	.05	.10
(22)	.08	.07	.065	.055	.06
(23)	.11	.14	.095	.09	.10
(24)	.07	.06	.05	.04	.06
(25)	18.50	40.00	25.00	20.00	22.00
(26)	3.45	2.30	1.83	1.60	2.23
(27)	.235	.24	.20	.21	.265
(28)	.22	.12	.12	.14	.20
(29)	3.00	3.00	3.00	2.00	4.50
(30)	48.50	49.50	60.00	50.00	48.50
(31)	58.50	59.50	70.00	60.00	58.50

All bids referred to the City Engineer and the PWA.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED.

SEATTLE, Wash.—Until March 21 10 A. M., bids will be received by the Seattle City Council, County-City Bldg. for the construction of the Laurelhurst Trunk Sewer. The work will involve the following approximate items:

(1) 10,386 ft. clay or concrete pipe sewer varying from 8- to 36-in
(2) 6,534 ft. 42-in. concrete sewer, including 1,528 ft. of tunnel;
(3) 2,025 ft 48-in. concrete sewer,
(4) 280 ft. 30-in. wood stave pipe,
(5) Storm water outfalls, necessary manholes, overflow chamber, etc
(6) 2 pumping stations exclusive of pumping units.

Plans and specifications obtainable from City Engineer Thomas Beeman, County-City Bldg., Seattle.

CONTRACT AWARDED

PHOENIX, Ariz.—The Torson Construction Co., Cincinnati, Ohio, at $277,762.20 awarded contract by the Phoenix City Council, March 5, for constructing the new storm drain system.

ENGINEERS RETAINED

EL CENTRO, Imperial County, Cal. —Koebig & Koebig, engineers, 821 H. W. Hellman Bldg., Los Angeles, have been retained by the El Centro City Council as consulting engineers to Phil W. Knights, city engineer, in connection with the construction of the new outfall sewer.

CONTEMPLATED.

LOS ANGELES, Cal.—Sanitary sewer projects, storm drains, disposal plants and miscellaneous projects included in the inventory orf work projects to be submitted to PWA, prepared by Lloyd Aldrich, City Engineer and Co-ordinator for Federal and State Administration Projects, total $56,290 -785.

BIDS OPENED

SAN FRANCISCO. — W. C. Akard, 225 Cervantes Blvd., at $7,466.20 submitted low bid to the Department of Public Works, City Hall, for the construction of the Merced District Sanitary Relief Sewer.

The work involves:

(1) 2103 l.f. 8-in. cast iron pipe sewer;
(2) 5.5 M B M creosoted Douglas fir trestle;
(3) 9 manholes.

Total bids follow:

(A) W. C. Akard	$ 7,466.20
(B) Chas. L. Harney	7,934.4[illegible]
(C) Robert B. McNair and H. Gould, Oakland	8,459.05
(D) W. J. Tobin, Oakland	8,990.95
(E) Fay Improvement Co.	9,091 66
(F) E. J. Treacy	9,233.31
(G) M. Bertolino	9,237.89
(H) Theo. Cohn	9,494.79
(I) MacDonald & Kahn	11,805.28

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(1)	(2)	(3)
(A)	$2.90	$ 85.00	$100.0[illegible]
(B)	3.15	104.00	82.00
(C)	3.35	100.00	96.00
(D)	3.65	100.00	85.00
(E)	3.22	250.00	105.00
(F)	3.77	90.00	90.00
(G)	3.63	128.00	100.00
(H)	3.83	60.00	100.00
(I)	4.76	130.00	120.00

All bids referred to the City Engineer and the PWA.

33— WATER WORKS

TO ASK FUNDS.

WALNUT CREEK, Contra Costa Co., Cal.—Walnut Creek City Council and Fire Commission have under consideration a plan to seek FWA funds to finance construction of a new water system estimated to cost between $40,000 and $50,000. Grant of 30% of the cost of labor and materials will be asked. E. B. Bradley, mayor.

PROJECT APPROVED.

LOS ANGELES COUNTY, Cal.—S E R A has approved appropriation of $13,184 for water mains and landscaping at the El Monte Division of Subsistence Homes, Los Angeles County. Work includes excavating, backfilling, laying lot piping for water supply, tree surgery, tree planting and street parkway clearance. The project will be supervised by Ross H. Gast and will employ one timekeeper and 29 laborers.

BIDS WANTED.

SANTA CLARA COUNTY, Calif.—Until March 25, 10 A. M. (to be opened at 10:15 A. M.) new bids will be received by the Directors of the Santa Clara Valley Water Conservation District, Rom 62, Grant Bldg., San Jose, for construction of two pumping plants Lester and Doetch well replacements. Work includes furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pump houses. PWA Project No. 6051.

Plans and specifications obtainable from Chief Engineer Fred H. Tibbetts, 1320 Alaska Commercial Bldg., San Francisco, or from Leroy Anderson, Secretary of the District, Room 62, Grant Bldg., San Jose, upon deposit of $5.00.

SPECIFICATIONS PREPARED

ROSEVILLE, Placer Co., Cal.—Engineer John Shields has submitted completed plans and specifications for the second unit of the municipal water system to the City Council for consideration before forwarding them to the Northern California District PWA office in San Francisco.

The work will include installation of 4700 ft. 20-in. and 16-in. steel pipe; 6400 ft. of 12-in. cast iron pipe; 2000 ft. of 8-in. pipe and 1375 ft. of 6-in. pipe.

The pipe is to be laid along Atlantic and Vernon Streets from a point opposite Yosemite Street to Douglas St, along Yosemite to Valencia, thence across the railroad tracks to Lincoln street, along Lincoln street to Vernon, along Church street to Duranta St., along Duranta street to Circuit Drive, and along Circuit Drive to Church street.

34— PARKS & PLAYGROUNDS

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until April 10, 12 Noon, bids will be received by Custodian, U. S. Post Office, Vallejo, for sprinkler system and seeding and planting grounds at the U. S. Post Office, Vallejo.

TO ASK BIDS

HEALDSBURG, Sonoma Co., Cal.—Healdsburg City Council will call for bids for furnishing approximately 1,000 feet of wire fencing, 6-ft. high, with sloping barbed wire top, with 2-in. iron posts set in 30 inches of concrete.

CONTRACT AWARDED

MARYSVILLE, Yuba Co., Cal.—Herboth Tractor & Truck Co., 100 D St., Marysville, at $1385 for a Hardie Sprayer, submitted low bid and awarded contract by the Marysville City Council, Chester O. Gates, Clerk, March 4, for furnishing one spraying outfit for the buildings and grounds department of the city.

John Bean Mfg. Co., San Jose, at $1598.50 submitted the only other bid.

PROJECT APPROVED.

PACIFIC GROVE, Monterey Co., Cal.—SERA has approved a supplemental appropriation of $7,600 for the completion of the Pacific Grove bathhouse and pool in Pacific Grove. Erwin Dames will supervise the project, which will employ 25 laborers.

CONTRACT AWARDED

REDLANDS, San Bernardino Co., Cal.—P. W. Jannoch, Pasadena, at $711.05 awarded contract by Treasury Department for seeding and planting grounds at the U. S. Post Office, Redlands.

35— TUNNELS

INJUNCTION DISMISSED.

LOS ANGELES, Cal.—The suit of Wenzel & Henoch Const. Co. against the Metropolitan Water District to obtain a temporary injunction restraining the district from prosecuting construction work on the San Jacinto tunnel was dismissed by Federal Judge Wm. P. James March 7. The court in its decision pointed out that the company had recourse to the courts in an action for damages but that the facts failed to support an action for an injunction.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until April 3, 10 A. M., new bids will be received by the Los Angeles Board of Public Works for constructing the Figueroa Street Tunnel, between Solano Ave. and Bishops Road. The work involves:

(1) 1034 cu. yds. Class F concrete, exclusive of concrete in tunnel sections, complete in place;
(2) 200 cu. yds. Class G concrete, complete in place;
(3) 500 sacks grout behind tunnel lining, complete in place;
(4) Reinf. steel, exclusiv of the reinforcing steel in the tunnel sections, complete in place;
(5) 715 lin. ft. tunnel section No. 1, complete in place (note: section No. 1 is estimated to require approximate quantities as follows:
57 cu. yds. excav., per lin. ft.;
15½ cu. yds. Class F concrete, per lin. ft.;
280 lbs. reinforcing steel;
(6) Tunnel section No. 2, complete in place, a total of 40 ft. (note: Section No. 2 is estimated to require approximate quantities as follows:
3550 cu. yds. excavation;
1016 cu. yds. Class F concrete;
44,500 lbs. reinforcing steel;
(7) Alternate on Tunnel Section No. 2, per lin. ft.;
(8) Electrical conduit system, complete in place;
(9) Lighting system, complete in place;
(10) 1165 sq. yds. white glazed tiling, complete in place;
(11) Plaster finish, complete in place;
(12) 600 lin. ft. 2-in. grout pipes, complete in place;
(13) Grading;
(14) 2000 cu. yds. removal of slides;
(15) 46,384 sq. ft. concrete pavement, 8-in. thick;
(16) 40,360 sq. ft. concrete base, 6-in. thick;
(17) 39,812 sq. ft. Warrenite-Bitulithic wearing surface;
(18) 1957 sq. ft. white concrete traffic lines, 1¾-in. thick;
(19) 548 sq. ft. white concrete traffic lines, 2-in. thick;
(20) 10,884 sq. ft. one-course sidewalk, 3 -in. thick;
(21) 1167 lin. ft. heavy unplastered curb;
(22) 1536 lin. ft. special unplastered curb;
(23) 19 sq. ft. concrete gutter, 6-in. thick;
(24) 2640 sq. ft. combination gutter, 8-in. thick;
(25) 19 lin. ft. integral curb & gutter;
(26) 33 lin. ft. curb armor;
(27) Storm drain complete.

BIDS WANTED.

SAN FRANCISCO.—Until April 3, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 74, for the construction of the Crystal Springs Pipe Line Tunnels, to carry a pipeline extension from Crystal Springs reservoir in San Mateo County to the University Mound Reservoir in San Francisco.

The work includes a tunnel 2,287 ft. long in San Francisco County and two tunnels in San Mateo County, one 1,429 ft. long, and the other 334 ft. long. The tunnels will carry 60-inch pipe. Concrete will be poured between the pipe and the tunnel walls, the tunnels having inside diameters of sufficient size to insure a minimum concrete thickness of eight inches.

Complete list of bid items will be published shortly.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $20.

29—STREETS AND HIGHWAYS

BIDS OPENED

DEL NORTE COUNTY, Cal.—E. B. Bishop, Orland, at $63,822.50 submitted low bid to the State Highway Commission, Sacramento for 8.7 miles surfacing with crusher run base and bituminous seal coat applied, in Del Norte County, between the foot of Oregon Mountain and the Oregon State Line. The work involves:

(1) 7700 cu. yds. selected material;
(2) 23,000 tons crusher run base;
(3) 102 tons fuel oil SC-1A;
(4) 107 tons asphaltic road oil SC-3;
(5) 766 tons screenings (seal coat);
(6) 120 cu. yds. structure excavation;
(7) 650 lin. ft. 8-in pref. metal pipe underdrains;
(8) 650 M gals. water;
(9) 5200 tons screenings in stockpiles.

Total bids follow:

(A) E. B. Bishop, Orland, $63,822.50.
(B) Hemstreet & Bell, Marysville, $66-825.00.
(C) Hein Bros. Basalt Rock Co., Petaluma.
(D) Pacific States Const. Co., S. F., $92,723.80.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .65	$ .75	$ .70	$ 1.00
(2)	1.65	1.68	1.99	2.49
(3)	22.00	20.00	27.56	31.50
(4)	25.00	25.00	27.50	32.50
(5)	2.25	2.50	3.25	3.80
(6)	1.00	1.50	2.50	1.50
(7)	1.70	1.50	1.50	1.65
(8)	2.00	2.50	3.00	2.00
(9)	2.25	2.50	3.00	3.00

CONTRACT AWARDED

LYON COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro at $6042.33 submitted low bid and

awded contract by the Nevada State Highway Directors, Carson City, for the construction of an asphaltic roadmix surface in Lyon County from miles east of Moundhouse to Silver City, a length of 3.41 miles.

A. Casson, Hayward, at $9262.20 submitted second low bid.

Complete bids will be published shortly.

CONTEMPLATED

LOS ANGELES, Cal. — Street and highway improvement projects included in the inventory of work projects to be submitted to the PWA, prepared by Lloyd Aldrich, City Engineer and Coordinator for Federal and State Emergency Administration Projects, to total $72,199,060

CONTRACT AWARDED

MINERAL, LYON AND CHURCHILL Counties, Nevada—Fredrickson & Watson Constr. Co., 873 Mst Ave., Oakland, at $167,846.83 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, for the construction of a portion of the State Highway system in Mineral, Lyon and Churchill Counties, between Schurz and 9.6 miles south of Fallon, Route 1A, Sections A, B and C2, a length of 28.05 miles.

Peninsula Paving Co., San Francisco, at $179,869.82 submitted second low bid.

BIDS WANTED

CLARK COUNTY, Nev.—Until March 22, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway System in Clark County, between Las Vegas and a point approximately 10 miles southeast, Route 5, Section D1, a length of 10.18 miles. The work involves:

(1) 308 l.f. remove culvert pipe;
(2) 43 each remove culvert headwalls
(3) 59,800 c.y. roadway excavation;
(4) 8,942 sta. yds. overhaul;
(5) 17,500 c.y. imported borrow;
(6) 2,000 c.y. structure excavation;
(7) 10.18 miles finish roadway;
(8) 25,900 tons crushed gravel or stone surface;
(9) 1,801 M. gallons water;
(10) 528 c.y. Class A concrete
(11) 38 c.y. Class B concrete;
(12) 56,500 lbs. reinforcing steel;
(13) 820 l.f. 18-in. CMP;
(14) 504 l.f. 24-in. CMP;
(15) 128 l.f. 30-in. CMP;
(16) 94 l.f. 36-in. CMP;
(17) 174 l.f. jacking 24-in. CMP;
(18) 44 l.f. jacking 30-in. CMP;
(19) 22 l.f. jacking 36-in. CMP;
(20) 553 l.f. 6-in. tile underdrain;
(21) 2.0 MFBM redwood;
(22) 65 each move pipe culvert headwall;
(23) 40 c.y. riprap;
(24) 96 l.f. guard rail;
(25) 1,700 lbs. castings;
(26) 4 c.y. remove concrete;
(27) 90 c.y. gravel backfill;
(28) 75,947 gals. asphalt road material, Type SC-2;
(29) 10.16 miles subgrade.

Plans and specifications obtainable from above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED.

LINCOLN CO., Nevada.—Until Mar. 22, 2:30 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Lincoln County between Alamo and four miles east of Crystal Springs, Route 7, Section B1, a length of 16.21 miles.

The work involves:

(1) 19,135 l.f. remove fence
(2) 27 each remove trees;
(3) 190,000 c.y. rdwy. excav.;
(4) 152,655 sta. yds. overhaul;
(5) 35,104 c.y. select borrow;
(6) 1,930 c.y. structure excavation.
(7) 16.21 miles subgrade;
(8) 16.21 miles finish roadway;
(9) 53,900 tons crushed gravel or stone surface;
(10) 132 c.y. Class A concrete;
(11) 212 c.y. Class B concrete;
(12) 18,600 lbs. reinforcing steel;
(13) 10 c.y. dry rubble masonry;
(14) 2,852 l.f. 18-in. CMP;
(15) 2,408 l.f. 24-in. CMP;
(16) 332 l.f. 30-in. CMP;
(17) 488 l.f. 36-in. CMP;
(18) 248 l.f. 42-in. CMP;
(19) 138 l.f. 48-in. CMP;
(20) 246 l.f. 30-in. flume, 2x6;
(21) 197 each monuments;
(22) 16,990 l.f. construct fence;
(23) 16,348 l.f. reconstruct fence;
(24) lump sum move building;
(25) 14 c.y. riprap.
(26) 1.7 MFBM redwood.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTEMPLATED.

LOS ANGELES, Calif. — Street and highway projects costing approximately $3,438,000 are included in the inventory of Los Angeles County work projects to be submitted to the PWA by Wm. J. Fox, Chief Engineer of the County Regional Planning Commission.

BIDS WANTED.

ALAMEDA CO., Calif.—Until April 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with Portland cement concrete and asphalt concrete in the City of Hayward between the southerly boundary and B street.

The work involves:

(1) 15 M. gals. water;
(2) 1,600 c.y. rdwy. exav., unclass.;
(3) 2,800 each removing railroad ties.
(4) 260 c.y. removing and disposing of existing Portland cem. conc.;
(5) 11,000 sq. yds. planing existing pavement;
(6) 34 stations finishing roadway;
(7) 1,700 tons crusher run base;
(8) 2,100 tons asphalt concrete;
(9) 280 c.y. Class A Portland cement conc. (pavement widening strips)
(10) 800 lbs. bar reinf. steel;
(11) 400 each pavement dowels;
(12) 250 c.y. Class A Portland cement concrete (curbs and sidewalks);
(13) 3 each sewer vents adjusted to grade;
(14) 8 each manholes adjusted to grade
(15) 1 each special brick catchbasin.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

CLARK COUNTY, Nevada — U. B. Lee, 1059 Carpentier St., San Leandro, at $8804.97 submitted low bid and was awarded contract by Nevada State Highway Directors, Carson City, for the construction of an asphaltic roadmix surface in Clark County from the junction of Route 6 to Logandale, a length of 6.12 miles.

George French Jr., Stockton, at $10,801.28 submitted second low bid. Complete bids will be published shortly.

BIDS WANTED.

LYON COUNTY, Nev.—Until March 22, 3:00 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Lyon County between Washoe-Lyon County Line and five miles northeast of Fernley, and between Fernly Overpass and a point approximately 1.5 miles south Routes 1 and 2, Sections A1, A2, A3, A4, and B, a length of 9.45 miles.

The work involves:

(1) 23,909 l.f. remove fence.
(2) 424 l.f. remove culvert pipe.
(3) 122 each remove trees;
(4) 602 l.f. remove 3-in. water pipe (redwood);
(5) 33 c.y. remove concrete;
(6) 13 each remove culvert headwalls
(7) 880 l.f. remove sand fence;
(8) 59,660 c.y. roadway excavation.
(9) 141,115 yd. sta. overhaul;
(10) 20,065 c.y. select borrow;
(11) 42,803 c.y. imported borrow;
(12) 3,344 c.y. structure excavation;
(13) 9.05 miles subgrade (20-ft. width)
(14) 0.30 mile subgrade (63-ft. width);
(15) 9.05 miles shoulders;
(16) 9.61 miles finish roadway;
(17) 7,525 c.y. sub-base;
(18) 30,060 tons plant mix crushed gravel or stone base;
(19) 1,227 m. gals. water;
(20) 719 tons asphalt road material, Type MC3 MC4;
(21) 79,430 gals. do. Type SC-1A;
(22) 1,350 gals. do. Type SC-2;
(23) 143 tons do. Type MC-2;
(24) 17,170 tons plant mix asphaltic surface;
(25) 9.61 miles traffic stripe;
(26) 290 c.y. Class A concrete;
(27) 15 c.y. Class B concrete;
(28) 18,040 lb. reinforcing steel;
(29) 176 l.f. 15-in. corru. metal pipe;
(30) 756 l.f. 18-in. do;
(31) 532 l.f. 24-in. do;
(32) 1,450 l.f. 36-in. do;
(33) 2,378 l.f. 8-in. perforated underdrain;
(34) 918 l.f. 3-in. redwood water pipe;
(35) 12 l.f. 24-in. vitrified pipe;
(36) 150 l.f. 6-in. corru. metal pipe;
(37) 1,733 l.f. 1¼-in. water pipe;
(38) 200 l.f. 4-in. water pipe;
(39) 281 c.y. gravel backfill;
(40) 266 l.f. relay culvert pipe;
(41) 46 each move pipe culvert headwalls;
(42) 83 each monuments.
(43) 2,538 l.f. construct fence;
(44) 22,448 l.f. reconstruct fence;
(45) 1,700 lbs. castings;
(46) 528 l.f. relay 3-inch water pipe redwood);
(47) 2,995 l.f. sand fence;
(48) 584 l.f. remove and reset guard rail;
(49) 9.35 miles salvage and relay surface;
(50) 91 tons emulsified asphalt, penetration;
(51) 7.8 M. ft. b.m redwood;
(52) lump sum, move buildings;
(53) 100 hours motor grader;
(54) 50 hours, 60-hp. tractor;
(55) 50 hours 10-ft. blade grader;
(56) 50 hours 30-hp. tractor & scraper
(57) 50 hours 1½-ton truck.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO—Hamilton Morten Jr. 861 Santa Cruz Ave., Menlo Park, at $5137.50 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 71, for the north outlet tower of the San Andreas reservoir, located about two Andreaes reservoir, located about 2 miles southwesterly from the town of San Bruno, San Mateo County.

BIDS WANTED

LOS ANGELES, Cal.—Until March 27, 10 A. M., new bids will be received by the Los Angeles Board of Public Works for improvement of Sepulveda Blvd. from National Blvd. to Venice Blvd. The work involves:

(1) Lump sum grading;
(2) 251,152 sq. ft. 8-in. compressed concrete;
(3) 362 sq. ft. 8-in. concrete, local depressions;
(4) 15,623 sq. ft. 4-in. rock and oil roadway;
(5) 106,643 sq. ft. 2-in. rock and oil roadway;
(6) 3107 ft. unplastered light curb;
(7) 1841 ft. reinf. integral curb and concrete gutter, 1-ft. wide;
(8) 350 sq. ft. 6-in. concrete gutter;
(9) 11,019 sq. ft. 3-in. cement walk;
(10) 225 lin. ft. wooden guard rail;
(11) 671 lin. ft. concrete curtain wall 18-in. deep;
(12) Storm drain and appurtenances, complete, not including local depressions;
(13) Lump sum sanitary sewer, not including house connections;
(14) 125 ft. 6-in. house connection sewers;
(15) Reset 2 manholes.

PROJECT APPROVED.

PITTSBURG, Contra Costa Co., Cal.—SERA has approved appropriation of $846 for breaking pavement, excavating trench, replacing old cast iron pipe line with new 6-inch cast iron pipe line, installing valves, backfilling and repaving, etc., on Tenth Street, Pittsburg. H. M. Pearson will supervise the project, which will employ 15 laborers.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until March 27, 10 A. M., bids will be received by the Los Angeles Board of Public Works for the improvement of Sepulveda Blvd. from Ventura Blvd. to Sunset Bldg.

The work involves:

(1) 35,856 cu. yds. excav., 30,562 cu. yds. fill);
(2) 1,132,770 sq. ft. of Warrenite Bit. pave., 8-in. thick, consisting of asph. conc. base, 6-in. thick, and Warrenite Bit. wearing surface 2-in. thick;
(3) 445 sq. ft. of Warrenite Bit. wearing surface of variable thickness (average 3-in.);
(4) 3319 sq. ft. of concrete pave., 8-in. thick (local depressions);
(5) 494,237 sq. ft. of rock and oil roadway, 2-in. thick;
(6) 394 lin. ft. of reinf. integral curb as per standard plan No. B-1037;
(7) 964 lin. ft. of reinf. conc. integral curb and concrete gutter, 1½-ft. wide, as per standard plan No. B-1037;
(8) 828 lin. ft. of unplastered heavy curb;
(9) 805 sq. ft. concrete sidewalk, 5-in. thick;
(10) 663 sq. ft. concrete gutter, 8-in. thick;
(11) 39,158 sq. ft. of white concrete, traffic lines 8-in. thick consisting of white concrete, 2-in. thick on asph. conc. base, 6-in. thick.
(12) 10 sq. ft. of white concrete traffic lines, 2-in. thick;
(13) 6586 lin. ft. of wooden guard rail as per standard plan No. B-902;
(14) sanitary sewer & appurtenances complete, not including resurf.,
(15) storm drain appurtenances, complete, not including local depressions;
(16) concrete retaining walls, complete;
(17) 216 lin. ft. concrete baffle walls.
(18) 9 manholes to be reset;
(19) 141 sq. ft. of Class C resurfacing.

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $56,149.80, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 0.7 mile grading and paving with Portland cement concrete and asphalt concrete in the cities of Long Beach and Signal Hill between Stanley Ave. and Loma Ave.

Bids were taken as follows:

(1) 38 stations clearing and grubbing right of way;
(2) 16,000 c.y. rdwy. excav., unclass.;
(3) 850 c.y. structure excavation;
(4) 18,000 sq. yds. subgrade for pave.
(5) 13,000 sq. yds. asph. paint binder
(6) 7,960 tons asphalt concrete;
(7) 800 c.y. Class A Portland Cement concrete (curbs, gutters, sidewalks, and driveways);
(8) 75 c.y. do (structures);
(9) 920 c.y. do (pavement);
(10) 6,000 lbs. bar reinf. steel (pavement and structures);
(11) 1,300 each pavement dowels;
(12) 9,200 lbs. misc. iron and steel structures;
(13) 650 l.f. 18-in. CMP;
(14) 130 l.f. 24-in. CMP;
(15) 1,330 c.y. removing and disposing of concrete;
(16) 300 tons mineral aggregate (bituminous treated surfacing);
(17) 16 tons cut back asphalt (do);
(18) 5 tons fuel oil;
(19) 8 tons Grade E asphalt;
(20) 300 M. gals. water;
(21) 900 l.f. curb armor;
(22) 15 each adjusting manholes to grade;
(23) 38 stations finishing rdwy..

Complete bids follow:

(A) Sully-Miller Contracting Co., Long Beach, $56,149.80.
(B) Griffith Co., Los Angeles, $57,868.40.
(C) Oswald Bros., Los Angeles, $58,784.50.
(D) Geo. R. Curtis Paving Co., Los Angeles, $60,598.20.
(E) United Concrete Pipe Corp., Los Angeles, $66,711.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)...	$15.00	$30.00	$50.00	$25.00	$40.00
(2)..	.35	.30	.38	.42	.40
(3)....	70	1.00	.90	.72	.75
(4)....	.12	.11	.09	.12	.15
(5)....	.04	.02	.02	.02	.02
(6)....	2.93	2.84	3.00	3.24	3.25
(7)....	11.50	12.00	12.00	10.25	15.00
(8)....	20.00	20.00	18.50	20.00	25.00
(9)....	7.30	8.00	7.80	7.32	9.00
(10)....	.05	.05	.065	.067	.06
(11)....	.10	.12	.12	.13	.12
(12)....	.085	.09	.10	.10	.10
(13)....	1.65	2.00	1.60	1.68	2.00
(14)..	2.50	3.00	2.50	2.58	2.50
(15)....	.65	1.50	1.10	1.80	1.25
(16)..	2.50	2.60	3.15	3.00	2.65
(17)..	12.00	12.00	12.00	11.10	10.00
(18)..	30.00	17.00	10.00	9.60	10.00
(19)....	35.00	22.00	26.00	12.30	25.00
(20)....	.60	1.70	1.35	.60	1.00
(21)..	.70	.70	.80	.75	.75
(22)....	8.00	12.00	10.00	6.00	5.00
(23)....	5.00	5.00	4.00	5.00	5.00

BIDS WANTED.

FORT MASON, San Francisco.—Until March 19, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Spec. No. W 6616-55-11, for concrete and asphalt paving in the dock area at Fort Mason

Areas to be paved are shown on the specifications and contractor will be required to estimate the quantities.

Specifications obtainable from above office upon deposit of $5.00.

BIDS OPENED.

SAN FRANCISCO.—Hamilton Morton, Jr., 861 Santa Cruz Ave., Menlo Park, at $5,137.50 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D 1, for paving with riprap an area around the north outlet tower of the San Andreas reservoir, located about 2 miles southwesterly from the town of San Bruno, San Mateo County.

The work involves:

(1) 2,100 c.y. dumped riprap pave
(2) 50 c.y. hand-placed riprap pa
(3) 500 c.y. miscellaneous grading.

Total bids follow:

(A) Hamilton Morton, Jr., Menlo Park, $5,137.50.
(B) Harrison & Harrison, Oakl. $5,590.00.
(C) H. E. Casey Co., San Mateo, 750.00.
(D) Chas. L. Harney, San Francisco, $9,150.00.
(E) E. T. Lesure, Oakland, $12,780.

Unit bids follow:

	(A)	(B)	(C)	(D)	(
(1).....	$2.25	$2.40	$2.50	$4.00	$
(2).....	3.25	5.00	10.00	5.00	
(3).....	.50	.60	2.00	1.00	

Bids held under advisement.

BIDS OPENED

GLENDALE, Los Angeles Co., C —Southwest Paving Co., 711 Lankershim Bldg., Los Angeles, submitt low bid to the Glendale City Coun March 7, at $9306.80, for hand rak and at $9482.40, for machine finish, the improvement of Verdugo Ros from Glendale Ave. southerly approximately 2250 ft. to a point adjacent the proposed extension of Monter Road, involving asphaltic concre paving to be placed on subgrade, accordance with plans prepared by t city engineer, J. C. Albers. The wo will involve approximately:

(1) 4390 tons asphaltic concrete (hand raked);

—OR—

(2) 4390 tons asphaltic concrete (machine finish).

(A) Southwest Paving Co.
(B) Geo. R. Curtis Paving Co.
(C) Osborn Company.
(D) Griffith Company.
(E) Heuser & Garnett.

	(1)	Total	(2)	Total
(A)..	$2.12	$ 9,306.20	$2.16	$ 9,482.4
(B)..	2.20	9,658.00	2.15	9,435.5
(C)..	2.27	9,966.30	2.27	9,965.3
(D)..	2.60	11,414.00	2.60	11,414.0
(E)..	3.01	13,213.90	3.01	13,213.9

CONTEMPLATED.

RIVERSIDE, Riverside Co., Calif.—The Riverside Planning Commission and the Riverside County Supervisor have recently approved a group o highway and miscellaneous improvement projects as part of the PWA program in Riverside County.

The list follows:

San Jacinto sewer system and disposal plant, $100,000.
Lamb canyon road, $65,000.
Banning - Idyllwild highway, $660,000.
San Jacinto water conservation. $181,000.
Bridge over San Jacinto drainage canal, $50,000.
Idyllwild public camp water development, $4500.
Bautista canyon water conservation, $115,000.
Bridge on Winchester-Temecula rd., $5000.
Idyllwild roads, $14,000.
Bautista canyon road, $255,000.
Anza Pines-to-Palms road, $190,000.
Bergman Township roads, $16,000.
Tahquitz Creek flood control, $31,000.
San Jacinto valley road, $35,000.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue prints for the state highway work not advertised.

A blue print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of map blue prints for the work now advertised, bids to be opened in Los Angeles on March 28, 1935:

11-LA-174-Ing. In the City of Inglewood, bet. Prairie Ave. and Commercial Street. (PLANS) No. of sheets, 5; cost, $0.50; (CROSS-SECTIONS) No. of sheets, none. Total $0.50.

1-S.D-198-F.G. Through the Narrows. (PLANS) No. of sheets, 10; cost $10. (CROSS-SECTIONS) No. of sheets, 86; cost, $8.60. Total $9.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

BIDS WANTED.

MOHAVE COUNTY, Arizona.—Until March 22, 2 P. M., bids will be received by the Arizona Highway Commission, Phoenix, for highway construction on the Fort Huachuca-Bisbee Highway, NRS 108-A (1935) AFE 6. The work, which begins at Fort Huachuca and extends southeasterly about 12⅔ miles, consists of grading, mining and placing aggregate base course and road oil plant mix.

The principal quantities are:

[illegible],200 c.y. roadway excavation;
[illegible],800 c.y. drainage excavation,
[illegible],000 c.y. structure excavation;
[illegible],300 c.y. imported borrow;
[illegible],500 c.y. ml. imported borrow, haul
[illegible],700 c.y. aggregate base course;
[illegible],300 c.y. ml. do, haul;
[illegible],100 c.y. concrete;
[illegible],200 lbs. reinf. steel;
[illegible],194 l.f. CM pipe (various sizes);
[illegible],290 l.f. reconstructing fence;
[illegible],500 l.f. standard line fence;
1,700 l.f. constructing fords;
7,500 tons plant mix;
1,200 gals. road oil;
228 tons emulsified asphalt (Class A);
12.7 miles place plant mix;
1,000 c.y. screenings.

Certified or cashier's check 5%. T. O'Connell, state highway engineer.

PROJECT APPROVED.

INYO COUNTY, Calif.—SERA has approved a supplemental appropriation of $4,545 for continuation of the Keeler-Cerro Gordo Road project in Inyo County. John Lubken will supervise the project, which will employ 25 laborers.

BIDS WANTED.

NYE COUNTY, Nev.—Until March 7, 2 P. M., bids will be received by the State Highway Directors, S. C. Burkee, State Highway Engineer, Hughes Memorial Bldg., Carson City, for construction of an asphaltic roadmix surface in Nye County from the California-Nevada State Line to the junction with Route 5, Death Valley Rd., length of 16.61 miles.

The work involves:

(1) 304,600 gals. asphaltic road material, Type SC-2;
(2) 109 tons do. Type MC-2;
(3) 16.61 miles roadmix;
(4) 16.61 miles finishing roadway.

Plans and specifications obtainable from the above office upon deposit of $5; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

LOS ANGELES—TELESCOPING FORMS—(MET. DIST.)

LOS ANGELES, Cal.—Bids for furnishing 122 ft. 6-in. of movable steel telescoping interior forms, 87 ft. 6-in. of movable steel exterior forms, and accompanying traveler, for 12 ft. 4-in diameter monolithic syphons, in accordance with Specifications No. 89, were opened by the Metropolitan Water District, Los Angeles, March 1. The bids were taken as follows:

(1) 14 interior steel forms, 8 ft. 9-in. sections;
(2) 10 exterior steel forms, 8 ft. 9-in. sections;
(3) one traveler.

The bids were:

(A) Pacific Iron & Steel Co., Ltd.—Net 30 days—f.o.b. 116th and Alameda Streets.
(B) Baw-Knox and Western Pipe & Steel Corp.—No discount—f.o.b. 5717 Santa Fe Ave., Los Angeles—Prices include sales tax.
(C) Consolidated Steel Corp., Ltd.—Net 30 days—f.o.b. Los Angeles Sales tax to be added.
(D) Ransom Concrete Machinery Co. (Garlinghouse Bros., Los Angeles agents)—2% 10 days—f.o.b. Glenellen, New Jersey.

	(1) Price	(1) Weight in Lbs.	(2) Price	(2) Weight in Lbs	(3) Price	(3) Weight in Lbs.
(A)	$ 7,652	$109,000	$2287	$45,000	$3616	$ 9,600
(B)	9,490	117,000	3351	46,000	3075	7,000
(C)	9,820	115,000	3475	46,000	3218	8,000
(D)	11,084	116,000	3423	47,000	3914	13,000

SANTA CLARA COUNTY—Gates, Valves, Etc.—(Dist.)

SANTA CLARA COUNTY, Calif.—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at $23,590.29 submitted low bid to the Board of Directors of the Santa Clara Valley Water Conservation District, Room 62, Grant Bldg., San Jose, for furnishing gates, valves, and appurtenances required for controlling flow through outlet works of Almaden, Calero, Coyote, Guadalupe and Stevens Creek dams, PWA Project 6051.

Bids were taken as follows:

(1) Eight gate units, including in each unit on hydraulically operated 42 inch slide gate and its operating mechanism, one special cast iron taper, one 30-in. butterfly valve and its operating mechanism, and one 2-foot section of 30-in. steel pipe, and in each case complete with all specified appurtenances.

(2) One butterfly valve and its operating mechanism, and one 2-ft. section of 30-in. steel pipe, both complete with all appurtenances.
(3) 4500 l.f. extra heavy 1-in. galvanized pipe;
(4) 3.75 MBM redwood lumber;
(5) 550 lbs. ½x6½-in. machine bolts and cut washers;
(6) 100 lbs. 20d common spikes;
(7) Premium on fifty percent performance bond.

Total bids follow:

(A) Joshua Hendy Iron Works, San Francisco, $23,590.29.
(B) Pelton Water Wheel Co., San Francisco, $31,061.99.
(C) Water Works Supply Co., San Francisco (partial bid) $.
(D) Engineer's estimate, $37,100.

Complete bids follow:
(a) unit bid; (b) extension.

	(A) (a)	(A) (b)	(B) (a)	(B) (b)	(C) (a)	(C) (b)	(D) (a)	(D) (b)
(1)	$2,595.00	$21,279.00	$3,490.00	$27920.00	$3,542	$29,044.40	$4,250.00	$34,000
(2)	925.00	948.12	1,182.00	1,211.55	647	663.17	1,850.00	1,850
(3)	.1875	864.84	.18	830.25	.....	..	.16	735
(4)	73.60	282.90	75.00	288.28	.....	.	60.00	225
(5)	.07	39.46	.125	70.47	.....	.	.06	33
(6)	.045	4.61	.045	4.61	.....	.	.05	5
(7)	.....	171.36	.	38.83	.....	217.83	.	202

Bids referred to the PWA.

COCONINO CO., ARIZ.—14.437 Mi. Surfacing—(Govt.)

COCONINO COUNTY, Arizona—Lee Moor Contracting Co., 807 Bassett Tower Bldg., El Paso, Texas, at $95,050 (as previously reported) submitted low bid and recommended for the award of contract by the Bureau of Public Roads, Phoenix, for placing a bituminous treated crushed rock surfacing on 14.437 miles of Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Ariz.

The work involves:

(1) 11,000 tons subgrade reinf.;
(2) 4000 tons of crushed material for shoulders;
(3) 200 tons supplemental do;
(4) 23,500 tons bituminous treated crushed rock;
(5) 1200 tons supplemental do;
(6) 300 tons applying Govt. furnished asphaltic material prime coat;
(7) 80 tons do, seal coat;
(8) 1500 M. gals. watering;
(9) sanding seal coat, lump sum;
(10) constructing signs, lump sum.

The total bids were:

(A) Lee Moor Contr. Co., El Paso, Texas, $95,050.
(B) R. C. Tanner and W. E. Hall Co., Phoenix, $96,790.
(C) Reynolds Ely Contr. Co., Springville, Utah, $99,600.
(D) Pearson & Dickerson, Contractors Inc., Prescott, Ariz., $104,400.
(F) Central States Contr. Co., Oakland, $124,650.
(G) Heuser & Garnett, Glendale, Cal., $127,290.
(H) Geo. Herz Co., San Bernardino, $128,905.
(I) Phoenix-Tempe Stone Co., Phoenix, $129,985.
(J) Engineer's estimate, $117,400.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .60	$ .75	$ 1.00	$ .75	$ 1.50	$ 1.00	$ .85	$ 1.30	$ 1.25	$ 1.40
(2)	1.00	1.05	1.50	1.75	2.00	2.00	1.35	2.00	1.25	1.75
(3)	1.00	1.65	1.50	1.75	2.00	1.50	1.35	1.80	1.25	1.70
(4)	3.20	3.12	3.00	3.25	3.25	3.90	4.30	3.75	4.25	3.50
(5)	2.00	2.00	1.50	2.00	2.60	3.00	4.00	3.15	2.00	2.00
(6)	10.00	6.00	5.00	10.00	5.20	10.00	5.30	11.00	10.00	7.00
(7)	10.00	8.00	5.00	10.00	5.20	10.00	6.00	18.00	17.00	7.00
(8)	1.50	3.50	5.00	3.75	3.00	3.80	2.50	6.00	2.50	4.50
(9)	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
(10)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

BIDS WANTED.

ALAMEDA CO., Calif.—Until April 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.9 miles existing surfacing to be planed, rail trenches to be filled, and plant mixed surfacing, medium curing type, to be placed in the City of Hayward between B St and the north city limits, and in the City of San Leandro between the south city limits and Begler Street.

The work involves:

(1) 2,900 tons mineral aggregate (plant mixed surfacing);
(2) 125 tons liquid asphalt MC-extra heavy (plant mixed surfacing);
(3) 8 tons liquid asphalt MC-2 (prime coat);
(4) 13 tons liquid asphalt MC-3 (seal coat);
(5) 120 tons stone screenings (seal coat);
(6) 10,050 sq. yds. planing existing pavement.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED.

LOS ANGELES COUNTY, Cal.—Until April 4, 2 P. M., bids will be received by the State Highway Engineer State Bldg., Los Angeles, for about 5.9 miles to be planted to trees, shrubs and ground cover, between Mission Road in Los Angeles and Atlantic Blvd., in Monterey Park.

The work involves:

(1) 341 each Key No. 1 trees;
(2) 159 each Key No. 2 trees;
(3) 572 each Key No. 3 trees;
(4) 267 each Key No. 8 trees;
(5) 60 each Key No. 17 trees;
(6) 96 each Key No. 20 trees;
(7) 2,241 each Key No. 4 shrubs;
(8) 1,226 each Key No. 5 shrubs;
(9) 1,190 each Key No. 6 shrubs;
(10) 75 each Key No. 7 shrubs;
(11) 246 each Key No. 9 shrubs;
(12) 98 each Key No. 10 shrubs;
(13) 140 each Key No. 11 shrubs;
(14) 100 each Key No. 12 shrubs;
(15) 35 each Key No. 13 shrubs;
(16) 100 each Key No. 14 shrubs;
(17) 85 each Key No. 15 shrubs;
(18) 100 each Key No. 16 shrubs;
(19) 70 each Key No. 18 shrubs;
(20) 65 each Key No. 19 shrubs;
(21) 300 each Key No. 21 shrubs;
(22) 15 each Key No. 22 shrubs;
(23) 145 each Key No. 23 shrubs;
(24) 100 each Key No. 24 shrubs;
(25) 25,815 each Key No. 25 ground cover plants.

Plans and specifications obtainable from the State Highway Commission, Public Works Building, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

AWARD RECOMMENDED

COCONINO AND GILA COUNTIES, Arizona—K. DeWitt, Mesa, Arizona, at $26,895 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for placing subgrade reinforcement on 6.585 miles of Section D of Route 10, the Pine-Winslow National Forest Highway, Coconino and Gila Counties, Ariz.

Pearson & Dickerson Contractors, Inc., Prescott, at $27,489.50, and Geo. Orr, Bisbee, at $31,880 submitted second and third low bids, respectively.

Engineer's estimate, $29,312.50.

Five bids were received. Complete bids will be published shortly.

CONTRACT AWARDED

BAY MEADOWS, San Mateo Co., Cal.—San Mateo Feed & Fuel Co., 850 San Mateo Drive, San Mateo, awarded contract by the Southern Pacific Co., 65 Market St., San Francisco, for 6,600 c.y. fill for tracks and platform at Bay Meadows.

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in San Diego County, through The Narrows, Road X1-S.D-198-F,G, for which bids are to be received in Los Angeles on Mar. 28, 1935.

Said representative will meet prospective bidders at the beginning of the proposd project, about 0.9 mi west of Borega Road, on Friday, M 15 and Friday, March 22, 1935, at A. M.

Prospective bidders are urged cooperate with the District Office arrange to make their field inspect on the above dates.

LOS ANGELES — CULVERT EXTENSION — (STATE

LOS ANGELES COUNTY, Cal.—E. S. and N. S. Johnson, 424 N. Lake Ave., Pasadena, submitted low bid to the Department of Public Works, Division of Highways, at the office of the District Engineer, Los Angeles, March 6, at $9154, for constructing an extension to a reinforced conc. culvert in Los Angeles County near Cascades, abount 4.25 miles northwest of San Fernando. S. C. Cortleyou, District Engineer. Bids were taken as follows:

(1) 70 lin. ft. temporary timber guard rail in place;
(2) 1600 c.y. structure excavation;
(3) 110 c.y. concrete to be removed and disposed of;
(4) 188 lin. ft. 78-in. corr. metal pipe to be removed;
(5) 345 cu. yds. Class A Portland ment concrete in place;
(6) 62,000 lbs. bar reinf. steel in pl
(7) 16 lin. ft. 18-in. corru. metal p complete in place.

The bids were:

(A) E. F. and N. F. Johnson, Pa dena, $9154.
(B) Tomei Constr. Co., Culver Ci $9528.50.
(C) S. M. Milovich, Montebello, $1 259.02.
(D) Dimmitt & Taylor, Los Angel $12,137.
(E) Geo. J. Bock & Son, Los Angel $10,975.
(F) J. R. Lippincott, Los Angel $13,307.50.
(G) Harry F. Miller, Los Angel $14,436.50.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
(A)	$1.00	$1.00	$ 5.00	$1.50	$12.00	$.04	$2.
(B)	1.25	.75	3.50	1.00	14.00	.045	3.
(C)	1.94	.75	3.94	.64	17.10	.039	3.
(D)	.60	1.10	7.00	1.00	19.00	.045	2.
(E)	.75	1.50	4.00	1.00	14.50	.046	2.
(F)	1.00	.75	8.00	1.60	21.50	.055	3.
(G)	1.80	2.25	12.00	2.00	17.50	.0475	2.

GILA COUNTY, ARIZONA—2.989 Mi. Grading—(Govt.

GILE COUNTY, Ariz.—Hodgman & MacVicar, 714 Plymouth Road, Pasadena, Calif., at $37,689, as previously reported, submitted low bid and recommended for award of contract by Bureau of Public Roads, Phoenix, for grading 2.989 miles of Section B of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County, Ariz.

Bids were taken as follows:

(1) 11 acres clearing;
(2) 17,900 cu. yds. unclassified excavation;
(3) 802 cu. wds. unclass. excav. for structures;
(4) 5000 sta. yds. overhaul;
(5) 390 lin. ft. 18-in. C. M. pipe in place;
(6) 162 lin. ft. 24-in. do;
(7) 64 lin. ft. 30-in. do;
(8) 148 lin. ft. 36-in. do;
(9) 64 lin. ft. 48-in. do;
(10) 40 lin. ft. 60-in. do;
(11) 27 cu. yds. Class A concrete;
(12) 85 cu. yds. Class D concrete;
(13) 22,700 lbs. reinforcing steel;
(14) 473 c.y. cement rubble masonr
(15) 1,43 M. ft. B.M. untreated timb
(16) 238 cu. yds. hand-laid riprap;
(17) 25,600 lin. ft. Type 1 protectio ditch;
(18) 12 each right-of-way mounmen
(19) 6600 lin. ft. new fence;
(20) 2 each farm entrance gates;
(21) 1 each cattle guard.

Total bids follow:

(A) Hodgman & MacVicar, Pasaden $37,698.
(B) All Arizona Engineering & Co str. Co., Clifton, Ariz., $40,015.
(C) Ernest W. Everly, Albuquerqu N. M., $40,032.99.
(D) Pearson & Dickerson Contrac tors, Inc., Prescott, Ariz., $42 453.50.
(E) H. J. Hagen, Globe, Ariz., $42 465.
(F) Skousen Bros., Albuquerque, N M., $46,461.
(G) Engineer's estimate, $40,351.83.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$250.10	$200.00	$100.00	$200.00	$500.00	$300.00	$200.0
(2)	.60	.90	.70	.70	.80	.88	.8
(3)	3.00	2.00	1.50	2.00	1.50	2.00	2.0
(4)	.05	.04	.05	.03	.05	.05	.0
(5)	2.00	2.25	2.18	2.75	2.00	2.00	2.2
(6)	3.00	3.00	3.12	3.25	3.00	3.00	3.0
(7)	4.00	4.00	4.60	4.00	4.00	4.00	4.0
(8)	5.50	6.00	5.90	6.25	6.00	5.50	6.0
(9)	8.50	9.50	11.80	11.00	8.00	10.00	8.5
(10)	15.00	12.00	14.70	15.00	15.00	12.00	12.0
(11)	30.00	25.00	35.00	42.00	30.00	40.00	35.0
(12)	30.00	25.00	33.00	42.00	30.00	40.00	40.0
(13)	.06	.08	.08	.08	.10	.07	.0
(14)	18.00	18.00	19.00	21.50	15.00	19.00	16.0
(15)	100.00	100.00	85.00	100.00	100.00	100.00	127.5
(16)	4.00	2.00	2.50	4.00	4.00	4.00	3.0
(17)	.10	.06	.05	.11	.10	.18	.1
(18)	4.00	5.00	5.00	3.50	5.00	5.00	3.0
(19)	.08	.06	.07	.085	.10	.10	.1
(20)	20.00	30.00	15.00	21.00	25.00	10.00	25.0
(21)	650.00	600.00	800.00	750.00	600.00	700.00	650.0

SAN MATEO COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $114,834.10 submitted low bid to the State Highway Commission, Sacramento, for 7.1 miles of grading and surfacing with bituminous treated crushed gravel or stone on crusher run base, in San Mateo County, between Thornton and Daly City.

The work involves:

(1) 244,000 c.y. rdwy. excav., unclass.
(2) 2,010,000 stn. yds. overhaul;
(3) 2,650 c.y structure excavation;
(4) 2,500 M. gals. water;
(5) 16,750 tons crusher run base.
(6) 6,120 tons crushed gravel or stone (bituminous treated surfacing);
(7) 304 tons cut-back asphalt;
(8) 126 tons fuel oil;
(9) 20,690 sq. yds. preparing, mixing and shaping shoulders;
(10) 180 tons screenings (seal coat);
(11) 107 c.y Class A Portland cement concrete (structures);
(12) 5,200 lbs. bar reinf steel (struc.)
(13) 1,250 l.f. 8 in. CMP,
(14) 520 l.f 12 in. CMP,
(15) 920 l.f 15-in. CMP,
(16) 1,800 l.f. 18-in. CMP,
(17) 210 l.f. 24-in. CMP, close riveted and soldered;
(18) 150 l.f 24-in. CMP, jacked under highway,
(19) 650 l.f. 30-in. CMP;
(20) 160 l.f. 72-in. CMP;
(21) 23 each spillway assemblies;
(22) 8 each concrete joints;
(23) 20 each culvert markers,
(24) 160 each guide posts;
(25) 20 each monuments complete in place;
(26) 90 stations finishing roadway.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $114,834.10.
(B) Bay Shore Constr. Co., San Francisco, $117,210.20.
(C) Union Paving Co., San Francisco, $117,345.50
(D) N. M. Ball, Berkeley, $117,868.70
(E) C. W. Caletti & Co., San Rafael, $118,265.40.
(F) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, $119,246.80
(G) Hanrahan - Wilcox Corp., San Francisco, $119,330.15.
(H) Granfield-Farrar & Carlin, San Francisco, $122,094.90.
(I) Fay Improvement Co., San Francisco, $123,886.55.
(J) Chas. L. Harney, San Francisco, $124,597.80.
(K) A. J. Raisch, San Francisco, $129,781.50.
(L) A. Teichert & Son, Inc., Sacramento, $133,921.20.
(M) Healy-Tibbitts Constr. Co., San Francisco, $139,084.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$ .17	$ .17	$ .175	$ .17	$ .17	$ .17	$ .18	$ .19	$ .17	$ .16	$ .18	$ .21	$ .205
(2)	.003	.004	.004	.005	.0025	.003	.004	.003	.0055	.006	.007	.002	.005
(3)	.80	.75	.50	.90	.65	1.00	.65	.90	.87	.75	.50	.75	2.00
(4)	.50	1.25	.40	.75	1.00	.50	1.00	1.00	1.45	.50	1.70	1.00	1.50
(5)	1.43	1.50	1.60	1.35	1.55	1.50	1.45	1.60	1.36	1.30	1.45	1.50	1.75
(6)	2.61	2.40	2.50	2.45	2.85	2.85	2.80	2.12	2.87	3.20	2.65	2.60	2.60
(7)	18.50	16.00	16.08	16.00	17.60	17.00	15.50	18.00	15.50	17.40	13.50	18.60	15.00
(8)	12.00	9.25	12.00	13.35	10.50	13.00	9.00	18.50	10.86	13.00	11.00	10.50	8.00
(9)	.05	.05	.06	.09	.05	.06	.035	.05	.055	.145	.18	.07	.05
(10)	2.00	3.00	2.50	3.00	3.30	2.50	2.30	1.75	3.00	3.00	3.00	2.35	2.80
(11)	19.00	20.00	18.00	21.00	18.00	20.00	19.00	20.00	17.75	20.00	18.40	20.00	25.00
(12)	.05	.05	.06	.05	.05	.06	.05	.05	.045	.06	.05	.05	.05
(13)	.85	.88	.70	.90	.90	1.00	.70	1.00	1.13	1.05	1.00	.90	1.00
(14)	1.15	1.08	1.00	1.20	1.20	1.20	1.00	1.30	1.48	1.35	1.20	1.30	1.25
(15)	1.35	1.28	1.50	1.35	1.50	1.50	1.25	1.45	1.66	1.55	1.50	1.50	1.50
(16)	1.60	1.54	1.60	1.55	1.70	1.70	1.40	1.70	1.84	1.75	1.75	1.80	1.75
(17)	3.10	3.30	3.00	3.00	3.60	3.50	3.00	3.05	3.61	3.30	3.00	3.40	4.00
(18)	3.60	4.10	4.00	5.00	3.85	3.75	6.00	2.60	4.63	4.00	4.00	7.00	4.00
(19)	3.00	3.14	3.00	2.90	3.15	3.25	2.80	3.15	3.74	3.55	3.50	3.35	4.00
(20)	19.50	17.00	20.00	17.50	18.50	20.00	18.30	17.70	19.98	21.50	18.00	19.00	18.00
(21)	17.30	13.50	15.00	12.00	11.00	15.00	12.00	15.00	10.70	16.75	16.00	12.50	10.00
(22)	11.00	10.00	15.00	8.00	7.50	12.00	10.00	6.00	14.00	8.80	8.00	12.00	6.00
(23)	1.85	1.50	3.00	2.55	1.75	1.75	7.60	2.00	1.80	3.00	1.00	1.60	3.00
(24)	1.85	1.50	3.00	2.00	1.75	2.00	1.35	2.00	1.60	2.00	1.00	1.50	3.00
(25)	3.00	3.00	3.00	3.00	3.00	3.00	2.50	3.00	2.75	3.00	3.00	3.00	4.00
(26)	5.00	4.00	5.00	5.00	4.75	6.00	5.00	5.00	4.00	5.00	3.00	5.00	5.00

SANTA CLARA COUNTY — Guadalupe Dam and Spillway — (Dist.)

SANTA CLARA COUNTY, Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $216,175 submitted the low bid to the Board of Directors of the Santa Clara Valley Water Conservation Dist., Room 62, Grant Bldg., San Jose, for construction of Guadalupe Dam and Spillway on Guadalupe Creek, about 12 miles south of San Jose, and 7 miles southeast of Los Gatos, Santa Clara County. The site may be reached by county roads and is about three miles from siding at LeFranc, on a branch line of the S. P. Railway.

The dam will be of the earth fill type, with upstream face paved and with a concrete lined side channel spillway. The structure will be 730 ft. in length at the crest, 100 ft. in height and will store 3500 acre feet of water

The work involves:

(1) 50,000 c.y. stripping;
(2) 515,000 c.y. embankment in place in dam;
(3) 900 c.y. backfill in exploration tunnels and shafts;
(4) 800 c.y. concrete in outlet works, spillway weir, sill, etc.;
(5) 140,000 sq. ft. concrete facing on the dam;
(6) 40,500 sq. ft. concrete lining in spillway;
(7) 265,000 lbs. reinforcing steel in place;
(8) 3500 lbs. structural steel in place;
(9) 690 l.f. 36-in. steel outlet pipe in place;
(10) Installation in the outlet works; one sluice gate, on cast iron reducer, one butterfly valve, one discharge pipe, and all appurtenances, all furnished by the District, lump sum;
(11) 1 bronze tablet furnished and installed, lump sum;
(12) 1 engineer's field office, furnished and erected, lump sum;
(13) Premium on 50% surety and 100% performance bonds.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $216,175.00.
(B) Peninsula Paving Co., San Francisco, $221,742.50.
(C) Sharp & Fellows Contracting Co., Los Angeles, $230,033.50.
(D) A. J. Raisch, San Francisco, $237-865.00.
(E) Macco Construction Co., Clearwater, $239,095.00.
(F) Fredrickson & Watson Const. Co., Oakland, $239,869.87.
(G) N. M. Ball, Berkeley, $247,790.
(H) W. A. Bechtel Co., San Francisco $260,060.00.
(I) Utah Const. Co., San Francisco, $275,452.00.
(J) Mittry Bros. Const. Co., Los Angeles, $286,702.50.
(K) Engineer's estimate, $208,300.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G	(H)	(I)	(J)	(K)
(1)	$ .34	$ .29	$ .48	$ .75	$ 1.00	$ .40	$ .60	$ .60	$ .40	$ .60	$ .20
(2)	.25	.25	.23	.24	.22	.285	.275	.30	.34	.30	.23
(3)	3.00	2.15	1.20	5.00	2.00	4.00	2.50	3.00	2.50	3.00	2.00
(4)	14.00	16.40	16.80	15.00	14.00	15.00	14.00	15.00	18.00	20.00	16.50
(5)	.16	.20	.27	.18	.18	.175	.18	.20	.20	.24	.20
(6)	.34	.365	.355	.33	.34	.27	.34	.30	.34	.55	.35
(7)	.043	.043	.039	.04	.045	.04	.042	.04	.042	.0525	.045
(8)	.10	.08	.10	.10	.10	.07	.10	.15	.10	.15	.10
(9)	6.50	7.00	8.90	10.00	10.00	7.00	11.00	6.50	8.30	11.00	9.00
(10)	500.00	410.00	355.00	1,000.00	400.00	2,500.00	500.00	500.00	150.00	650.00	750.00
(11)	75.00	90.00	90.00	100.00	100.00	75.00	75.00	100.00	125.00	125.00	100.00
(12)	300.00	325.00	215.00	250.00	150.00	350.00	400.00	500.00	250.00	225.00	250.00
(13)	3,250.00	3,325.00	3,100.00	2,500.00	4,000.00	3,544.87	3,700.00	4,000.00	4,200.00	4,500.00	3,090.00

Three low bids submitted to the PWA, with the recommendation that the contract be awarded the low bidder, A. Teichert & Son, Inc., at $216,175. All other bids rejected.

U S POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25 per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$1,710,000 State Armory Buildings Planned

PWA Denies Preference to Local Bidders

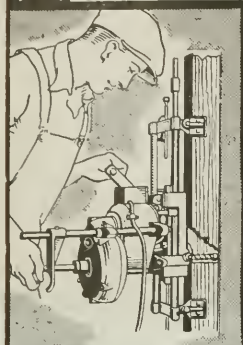
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

RCH 23, 1935

Vol. XVIII—No. 12

WAPPAT Electric TOOLS



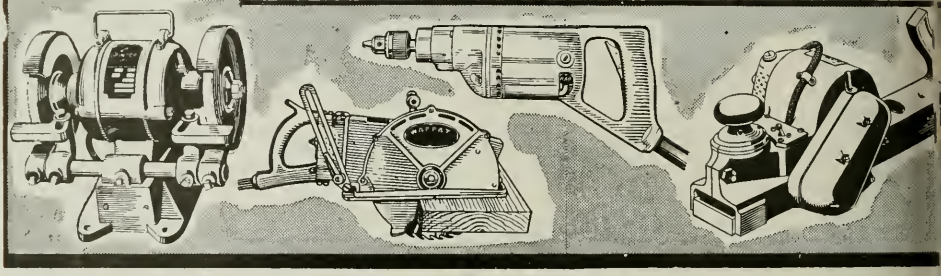
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MARCH 23, 1935 No. 12

$1,710,000 ASKED FOR CALIFORNIA GUARD ARMORIES

Twenty-nine Buildings May Be Erected With Federal Funds

Construction of 29 national guard armories in California cities is one of the building programs which may be realized under the proposed billion-dollar public works appropriation, according to Adjutant-General Seth E. Howard, commander of the California guard.

An allocation of $1,710,000 is asked for California as part of a $69,000,000 armory building program which will include projects in every [illegible] General Howard as a representative of [illegible] Guard Association, presented the program for the entire nation to a sub-committee of the House Military Affairs Committee.

Cities in which it is proposed to build armories are:

Auburn, $35,000; Chico, $35,000; Fresno, $150,000; Lodi, $35,000; North Sacramento, $65,000; Woodland, $50,000; Marysville, $35,000; San Pedro, $35,000; Santa Ana, $65,000; Santa Barbara, $65,000; Modesto, $35,000; San Diego, $175,000; Petaluma, $35,000; Napa, $35,000; San Bernardino, $65,000; Oakland, $275,000; Santa Rosa, $35,000; Berkeley, $100,000; Orange, $35,000; Monrovia, $35,000; Ontario, $35,000; Hanford, $35,000; Anaheim, $35,000 Visalia, $35,000; Alameda, $35,000; Gilroy, $35,000; Riverside, $35,000; Turlock, $35,000, and Eureka, $35,000.

In addition to the above list it is planned later to construct a $100,000 building in San Francisco and hangars in Griffith Park, Los Angeles, to cost $50,000, General Howard said.

COYOTE DAM BIDS SCHEDULED APRIL 5

Bids for construction of Coyote Dam, largest of the six dams being constructed for the Santa Clara Valley Water Conservation District will be received in San Jose, April 5. The dam will impound 30,000 acre-feet of water. It will be 120 feet in height above the stream bed and 900 feet in length at the crest.

WM. SPIVOCK BID ON FRESNO HALL LOW AT $247,900

Eight Proposals For General Contract; Prices Are Within Appropriation

FRESNO, March 19.—Wm. Spivock, Hobart Bldg., San Francisco, today submitted the low bid for construction of the Fresno county Hall of Records building. His bid was $247,900.

The following eight bids were received for the general contract:

Wm. Spivock, S. F.	$247,900
Dinwiddie Const. Co., S. F.	255,200
K. E. Parker Co., S. F.	255,300
Frank J. Reilly, S. F.	258,301
Robt. E. McKee, Los Angeles	267,500
Trewhitt-Shields & W. J. Ochs Fresno	271,294
MacDonald & Kahn, S. F.	281,500
Fredrickson and Watson, Oakland	282,390

Low bid for the mechanical work was offered by Barrett-Hicks Co., 1031 Broadway, Fresno, at $42,983 and the low bid on electrical work by Wessell Electric Co., Route 2, Box 173, Fresno, at $23,474.

The total of the low bids on the three contracts, $314,357, is well within the $350,000 available for constructing the building, including architectural and engineering fees. A balance of $45,000 remains for furnishings.

The Hall of Records was designed by Allied Architects of Fresno, the same group that has charge of plans for the Fresno Civic Auditorium.

ORMAN LUTZ SUES FOR REINSTATEMENT

Orman Lutz, formerly district supervisor in San Francisco for the State Registrar of Contractors, has filed suit in Sacramento for a writ of mandate to compel his reinstatement by Registrar Carlos Huntington. The complaint also names Director of Finance A. E. Stockburger, State Controller Ray L. Riley and Fred B. Wood as civil service directors. Mr. Lutz claims he was discharged without just cause. He asks payment of back salary from December 17 and reinstatement.

PWA REFUSES PROTECTION OF LOCAL BIDDERS

Administrator Notifies City No Preference Permitted; Marina Contract Awarded

Contract for construction of Marina Junior High School was awarded to MacDonald and Kahn yesterday by the Board of Public Works on their low bid of $565,565. The award followed receipt of notice from Philip B. Fleming, acting deputy administrator of the Federal Public Works Administration, that the government would not permit substitution of San Francisco sub-contractors on the project in preference to the firms submitting low bids.

City authorities had deferred award of the contract at the request of San Francisco shop owners and labor organizations until a ruling could be received from Washington.

State PWA Engineer A. D. Wilder yesterday sent the board a copy of the telegram received from Deputy Administrator Fleming as follows:

"Re your letter March 12, Docket 7942: Bidding on all contracts in connection with this project cannot be limited to any extent and certainly not to local bidders only, by special conditions."

In an effort to obtain preference for local firms on municipal contracts in the future a charter amendment is to be proposed allowing a differential of ten per cent in favor of San Francisco shops fabricating materials in the city. The amendment will be introduced in the Board of Supervisors by Arthur M. Brown, Jr. The measure will have the support of many local organizations, who have formed a committee to contest the letting of shop work to out-of-town firms.

New orders booked during the fourth quarter of 1934, as reported to the Bureau of the Census by 78 manufacturers of electrical goods, were $118,397,169, as compared with $100,334,150, for the third quarter of 1934, and $88,544,234, for the 4th quarter of 1933.

THIRD SECTION POTRERO WATER MAIN ADVERTISED

$230,000 Extension of High Pressure System To Be Completed Shortly

Bids for installation of Section C of the Potrero District Extension to San Francisco's auxiliary water supply system for fire protection will be opened by the Department of Public Works March 27.

The project, third of the four sections of the $230,000 Potrero district fire protection main extensions to go out for bids, will cost approximately $92,000, according to the city engineer's estimate. Plans for Section D, last of the Potrero district work, have been approved by the PWA and the contract will probably be advertised this week, S. J. Hester, chief deputy director of the Department of Public Works, stated. Cost of Section D is estimated at approximately $65,000.

Section A has been completed, and was installed under contract by Herman Lawson Company at a cost of $26,602. Bids for installation of Section B were opened by the department last week, Herman Lawson Company again being low bidder, at $77,049.

The contract for installation of Section C, on which bids are now being taken, calls for installing 13,510 feet of bell and spigot pipe, 63 gate valves and 34 standard high-pressure hydrants, to be furnished by the city; and construction of 39,973 square feet of asphalt concrete pavement, 8349 cu. yds. excavation and backfill, furnishing and installing 64 tons of bell and spigot pipe, 28,162 pounds cast iron manhole and valve box frames, covers and dust pans, and cast steel special castings, cast iron special castings and pig lead.

The Potrero District fire protection main extensions are a portion of the city's program of high pressure main extensions and improvements, financed by a $2,000,000 bond issue and a PWA grant of $460,000.

Burlingame Vote On School Bonds Set For April 10

Burlingame grammar school district voters will be called upon April 10 to vote on an $85,000 bond issue for reconstruction of the six elementary schools.

Decision to seek the money to reinforce the buildings against earthquake damage and to correct safety and health hazards now in some of the structures was made at a recent meeting of the school board.

Cost of the work was estimated from survey reports by Architect James H. Mitchell and Structural Engineer Harold B. Hamill, who made a survey of the buildings.

$160,000 Bulkhead Job In Oakland Approved by SERA

Construction of 840 feet of concrete bulkhead as a day-labor job will be undertaken by the Oakland Port Commission with the assistance of SERA labor. The Relief Administration yesterday announced allocation of $160,015 for labor on the project. The Port Commission will purchase piling and concrete materials estimated to cost $15,200.

The bulkhead extension adjoins a section of the Oakland harbor to be similarly improved under contract with Port Commission funds supplemented by PWA grant. The cost of this section is estimated at $158,000. Plans are being completed and probably will be ready for bids in about two weeks.

Approval was given yesterday by SERA also for expenditure of $43,657 by the Port Commission for repairs and improvements at the Clay Street Pier and Transit Shed. The work will include concrete jacketing of piling, overhauling shed doors, painting and glazing, replacing roof and repairs to fire protection system.

The projects are supervised by J. G. Bastow, assistant port engineer.

FAIR DIRECTORS PLAN TO ERECT FIVE BUILDINGS

State Aid Proposed for Million Dollar Construction Program At Sacramento

Expenditure of more than $1,000,000 for California state fair buildings at Sacramento is contemplated in a program approved by the fair directors. At the same time a bill is before the state legislature to earmark funds to erect the buildings from any relief public works program which may be undertaken by the state.

The fair directors propose five new buildings: Administration and Host Building, to cost $250,000; Education and Fine Arts, $200,000; Horse Show Coliseum, $300,000; Future Farmers Building, $276,000; 4-H Club, $187,000.

A permanent building committee of the state fair board to assist with the construction program has been appointed, consisting of T. H. Ramsay of Red Bluff, chairman, Harold J. McCurry, Sacramento, and Chas. H. Sooy and John M. Perry of San Francisco.

EIGHT CITIES HAVE OFFICES OF DEPOSITORY

Unified Registration System Extending to all Northern Counties

Bid depositories affiliated with the Central Depository System of Northern California have been opened in eight cities, R. A. Daddisman, general custodian, announced yesterday. Construction industry groups in six other cities are making arrangements to open depositories in the near future, Mr. Daddisman said.

When the contemplated chain of depositories is completed registration of bids will be possible in all principal communities from Bakersfield to the northern end of the Sacramento valley. The depository system was originated in San Francisco by a committee of the Construction Divisions Conference in order to simplify handling of bids in accordance with NRA code provisions of the various crafts. It has since been fully approved by NRA officers and has been publicized throughout the United States and formation of similar agencies recommended to construction code groups in many localities.

Following are the depositories now functioning as members of the Central Depository System:

San Francisco, No. 1, 55 New Montgomery street; B. C. Borkheim, Custodian.

Sacramento, No. 3, 720 Eye St., Sacramento Builders' Exchange; I. M. Wagner, Custodian.

San Rafael, No. 4, 831 Fourth St.; J. O. Dahl, Custodian.

San Jose, No. 5, 188 South Market Street, San Jose Builders' Exchange; David Bunker, Custodian.

Fresno No. 6, 1837 Merced Street, Fresno Builders' Exchange; H. R. Cayford, Custodian.

Bakersfield, No. 7, 1729 19th St., Bakersfield Builders' Exchange; D. J. Turner, Custodian.

Santa Rosa, No. 8, 311½ Mendocino Ave.; G. E. La Cell, Custodian.

Burlingame, No. 9, 1483 Burlingame Ave., Building Industries Association; R. F. Byrnes, Custodian.

Depositories will be established shortly in the cities of Oakland, Salinas, Stockton, Marysville, Palo Alto, and Watsonville or Santa Cruz.

Divisional code authorities which have approved the Central Depository System and have authorized it to register duplicate bids for their craft are: Electricians, Plasterers; Heating, Piping and Air-Conditioning; Masons; Painting; Paperhanging and Decorating; Tile Sheet Metal. Other groups have the plan under consideration and announcement of their acceptance is anticipated.

Uniform rules for handling bid registration have been established by the Central Depository System and are available at any of the offices or from the local administrative committee of the divisional codes.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
211	Dolores	Ohlsen	3000
212	Dolores	Ohlsen	3000
213	Bank	Petersen	1500
214	Edmonds	Meinberger	5000
215	Grandabergo	Olena	1700
216	General	Owner	4500
217	Spencer	Scott	1900
218	International	Owner	10000
219	Heyman	Lindsay	3900
220	Rousseau	Anza	3500
221	Biocini	Owner	1500
222	Grant	Mullen	5000
223	Matson	Cork	10000
224	Colla	D'Amico	3000
225	Hosmer	Wilbe	1000
226	Crocker	Jacks	20000
227	Barneson	Tassi	3600
228	Herzig	Owner	3000
229	Mastick	Jacks	7000
230	Sir Francis	Lindgren	15000
231	DePaoli	Lindsay	3500
232	Ciraulo	Sharboro	3000
233	Evangelisti	Owner	4000
234	S. P.	Owner	6000
235	Kruger	Demarais	2574
236	Bothin	Mattock	1000

DWELLING
(211) E ELLINGTON ST. 80 N Foote St. One-story and basement frame dwelling.
Owner—Dolores Realty Co., 16th and Valencia Sts., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco. $3000

DWELLING
(212) E ELLINGTON ST. 105 N Foote St. One-story and basement frame dwelling.
Owner—Dolores Realty Co., 16th and Valencia Sts., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco. $3000

ALTERATIONS
(213) NE SIXTEENTH AND CALedoni Sts. Alterations.
Owner—Bank of America, California and Sansome Sts., S. F.
Architect—Not Given.
Contractor — Antony Petersen, 2758 San Bruno Ave., S. F. $1500

DWELLING
(214) E CHURCH 78 S Twenty-second St. One-story and basement frame dwelling.
Owner—F. C. Edmonds, 343 4th St., San Francisco.
Architect—Frederick Amandes, 1879 18th Ave., San Francisco.
Contractor—H. S. Meinberger, 343 4th St., San Francisco. $5000

ALTERATIONS
(215) 508 UTAH ST.; alter dwelling.
Owner—Mrs. A. Grandabergo, premises.
Architect—Not Given.
Contractor—Victor Oliva, 2728 21st St., $1700

SERVICE STATION
(216) NE OCEAN and San Jose; one-story steel service station.
Owner—General Petroleum Corp., Higgins Bldg., Los Angeles.
Architect—G. P. Cova, care owner. $4500

ALTERATIONS
(217) 1262 25th Ave.; alter dwelling.
Owner—Mrs. G. M. Spencer, premises.
Architect—Not Given.
Contractor—Harry E Scott, 4520 Cabrillo St. $1900

ALTERATIONS
(218) SW BUSH and Battery Sts., alter commercial building.
Owner — International Business Machine Corp., care architect.
Architect—Carl Geilfuss, 1095 Market Street. $10,000

DWELLING
(219) E 27th AVE. 75 S Cabrillo St.; one - story and basement frame dwelling.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor—C. T. Lindsay, 4163 26th Street. $3900

DWELLING
(220) E 27th AVE 160 S Geary; one-story and basement frame dwelling.
Owner—Elsie I. Rousseau, care contractor.
Architect—Not Given.
Contractor—Anza Home Bldg. Co 1498 36th Avenue. $3500

ALTERATIONS
(221) 385 MOSCOW; alter dwelling.
Owner—Geo. Biocini, 1042 Persia St.
Architect—Not Given. $1500

ALTERATIONS
(222) 158 GEARY ST.; alter store.
Owner—Grant Bros., 2390 Mission St.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $5000

ALTERATIONS
(223) 480 MAIN ST.; alter warehouse.
Owner — Matson Navigation Co., 215 Market Street.
Plans by Mr. Westling, Pier 32.
Contractor—Cork Insulation Co., Inc., 462 Bryant St. $10,000

DWELLING
(224) NW HAWES and Gilman; one-story and basement frame dwelling.
Owner—G. Colla, % contractor.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk Street. $3,000

ALTERATIONS
(225) NO. 60 SAN ANDREAS ST. Alter dwelling.
Owner—Dr. M. N. Hosmer, Premises.
Architect—Lawrence A. Kruse, 251 Kearny St., San Francisco.
Contractor—A. J. Wilbe, 944 Phelan Bldg., San Francisco. $1000

ALTERATIONS
(226) NO. 620 MARKET ST. Alter offices.
Owner—Crocker Estate Co., % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., S. F. $20,000

ALTERATIONS
(227) NO. 260 MONTGOMERY ST. Alter store and offices.
Owner—John Barneson, % Contractor
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market St., San Francisco. $3600

DWELLING
(228) W THIRTIETH AVE. 169 S Balboa St. One-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jackle, 126 Post St San Francisco $3[illegible]

ALTERATIONS
(229) NO. 735 BATTERY ST Alter loft building.
Owner—Lizzie S Mastick, % Contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $7000

ALTERATIONS
(230) SE POWELL AND SUTTER Sts. Alter hotel.
Owner — Sir Francis Drake Hotel, Premises.
Architect—Douglas Dacre Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St $15,000

DWELLING
(231) W ALEMANY ST. 87 S Tingley St. One-story and basement frame dwelling.
Owner—S. DePaoli, 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 110 Duboce Ave., San Francisco. $3500

DWELLING
(232) N PRECITA AVE. 175 E Folsom St. Two-story and basement frame dwelling.
Owner—Frank Ciraulo, 1523 Florida St., San Francisco.
Architect—Not Given.
Contractor — Sharboro & Jorgenser., 2225 North Point St. $3000

DWELLING
(233) NW ALEMANY ST. 150 NE Santa Rosa. One-story and basement frame dwelling.
Owner—Neva Evangelisti, 700 Brazil St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(234) BERRY ST., bet. Third and 4th Sts. Alter warehouse and offices.
Owner — Southern Pacific Co., 65 Market St., San Francisco.
Architect—J. H. Christie, 65 Market St., San Francisco. $6000

ALTERATIONS
(235) NO. 1238 CHESTNUT STREET. Alter flats.
Owner — Edna and Karl F. Kruger, Admnrs. Estate of Ellen Kruger, 1236 Chestnut St.
Architect—Not Given.
Contractor—B. W. Demarais & Sons, 732 Page St. $2574.85

ALTERATIONS
(236) NO. 215 KEARNY ST. Alter building.
Owner—Bothin Realty Co., 604 Mission St., San Francisco.
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
143	Miller	Urch	2000
144	Bonds	Owner	6500
145	Lyon	Owner	3650
146	Pollard	Owner	5200
147	Levy	Owner	1300
148	Prentiss	Owner	2300
149	Hoge	Von Bokkelen	2000
150	Kelly	Dixon	1000

151	Russell	Von Bokkelen	1000
152	Park	Compomenosi	7000
153	Cheney	Garcia	5500
154	Gambetta	Salvaressa	3800
155	Wendering	Stead	1000
156	East Bay	Owner	9000
157	Union	Cone	2000

ADDITION
(143) NO. 741 E-FOURTEENTH ST., **OAKLAND.** Add to store.
Owner—Miller Floor Furnace Co., 741 E-14th St., Oakland.
Architect—Not Given.
Contractor — Ernest W. Urch, 1924 50th Ave., Oakland. $2000

DWELLING
(144) NO. 40 ALTA ROAD, **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $6500

DWELLING
(145) 7 VETERAN WAY, **OAKLAND** two-story six-room dwelling.
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $3650

DWELLING
(146) 64 ROSS CIRCLE, **OAKLAND;** two-story six-room dwelling.
Owner and Builder—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—F. L. Confer, Russell St., Berkeley. $5200

REPAIRS
(147) 1127 BROADWAY, **OAKLAND;** fire repairs.
Owner and Builder—Levy Estate, 532 16th St., Oakland.
Architect—Not Given. $1900

DWELLING
(148) NO. 7757 GREENLEY DRIVE, **OAKLAND.** One-story five-room dwelling.
Owner — A. W. Prentiss, 7695 Crest Ave., San Francisco.
Architect—Not Given. $2500

REPAIRS
(149) NO. 3200-26 LAKESHORE AVE **OAKLAND.** Fire repairs.
Owner—L. B. Hoge, Premises.
Architect—Not Given.
Contractor—W. K. Von Bokkelen, 354 Hobart St., Oakland. $2000

ALTERATIONS
(150) NO. 4617 PARK BLVD., **OAKLAND.** Alterations and repairs.
Owner—C. Kelly, 3041 Suter St., Oakland.
Architect—Not Given.
Contractor—Dixon & Roth, 1844 5th Ave., Oakland. $1000

REPAIRS
(151) NO. 4227 E-TWELFTH ST., **OAKLAND.** Fire repairs.
Owner—L. T. Russell, % Contractor.
Architect—Not Given.
Contractor—W. K. Von Bokkelen, 354 Hobart St., Oakland. $1000

DWELLING
(152) N BYWOOD DRIVE LOT 15 Blk 22, **OAKLAND.** Two-story 6-room dwelling.
Owner — Park Blvd. Co., Bank of America Bldg., Oakland.
Architect—E. R. McDonald, 194 John St., Oakland.
Contractor—E. Campomenosi, 6401 Broadway Terrace, Oakland $7000

DWELLING
(153) NO. 640 THE ALAMEDA, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—A. H. Cheney, 2345 Le Conte St., Berkeley.
Architect—Not Given.
Contractor—G. C. Garcia, 1656 Ocean View Ave., Berkeley. $5500

DWELLING
(155) NO. 1355 FRANCISCO ST., **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—G. Gambetta, 1363 Francisco St., Berkeley.
Architect—Not Given.
Contractor — John Salvaressa, 5103 Shafter Ave., Oakland. $3800

GARAGE
(154) NO. 1355 FRANCISCO STREET, **BERKELEY.** One-story 7-room Class C garage.
Owner—J. Wendering, 1911 Addison St., Berkeley.
Architect—Not Given.
Contractor—Frank A. Stead, 3206 Boise St., Berkeley. $1000

DWELLING
(156) W BYWOOD DRIVE, Lots 13 and 14 Blk 25, **OAKLAND.** Two-story 8-room dwelling.
Owner—East Bay Investment Co., 659 Kenwyn Road, Oakland.
Architect—Not Given. $9000

ADDITION
(157) NO. 99 TWENTY-SECOND ST. **OAKLAND.** Addition.
Owner—Union Ice Co., Premises.
Architect—Not Given.
Contractor—Wilbur C. Cone, 608 16th St., Oakland. $2000

SAN FRANCISCO UNDER $1000

SIGN, eectric, $75; 740 Post St.; owner, The Texas Co., Prem.; contractor, Brumfield, 965 Folsom St.

SIGN, $10; 867 Market St.; owner, J. C. Penney Co., Premises.

ALTER flats, $490; 553 Filbert Street; owner, T. Pacella, Prem.; contractor, S. Mazzoncini, 3020 Buchanan Street.

ALTER dwelling, $200; 1714 Grant Ave owner, M. Demartini, 2139 Taylor; contractor, D. B. Delucchi, 4 Sharp Place.

ALTER apartments, $50; 1355 Bay St.; owner, Max Wassman, Premises.

REPAIR fire damage to dwelling, $400 525 Fell St.; owner, A. and T. Sullivan, Prem.; contractor, A. DeBenedetti & Son, 100 Brazil.

SIGN, electric, $100; 4336 Geary St.; owner, The Rendezvous, Prem.; contractor, QRS Neon Corp., 690 Potrero Ave.

BILLBOARD, $6.50; S Turk St. 135 E Gough St.; owner, West Coast Adv. Co., 1864 Market St.

FLUES, $45; E 40th Ave. 279 S Balboa St.; owner, Smith, Premises; contractor, Standard Heating & Sheet Metal Works, 1241 9th Ave.

ALTER wholesale grocery building, $75; 170 Pacific Ave.; owner, V. Craverso, Premises.

FLUE, $35; 2778 24th St.; owner, Metz Do-Nut Co., Prem.; contractor, John A. Marshall, 4447 Mission St.

FLUES, $45; E 22nd Ave. 75 S Judah St.; owner, Anza Home Bldg. Co., 36th Ave. and Kirkham St.; contractor, Standard Heating & Sheet Metal Works, 1241 9th Ave.

ALTER flats, $160; 871 Golden Gate Ave.; owner, F. F. Copper, 249 First St.

ALTER apartments and stores, $350; NW Irving St. and 12th Avenue; owner, Hastings Trust Estate, 369 Pine St.; contractor, The Ruegg Co., 369 Pine St.

ALTER dwelling, $300; 219 Brussels St.; owner, Wm. Drury, Premises.

BILLBOARD, $6.50; SW Irving St. & 16th Ave.; owner, West Coast Adv. Co., 1864 Market St.

BILLBOARD, $6.50; E Van Ness Ave. South 100 S 22nd St.; owner, West Coast Adv. Co., 1864 Market

FLUES, $50; 51 Moneta St.; owner, L. Besio, 252 Lisbon St.; contractor, N. Buriani, 2555 San Bruno.

ALTER dwelling, $20; 555 Vienna St.; owner, A. Mirabelli, 530 Vienna.

ALTER dwelling, $245; 458 16th Ave.; owner, J. Martin, Prem.; contractor, A. Nelson, Inc., 242 Ocean Ave.

ALTER store, $245; 66 3rd St.; owner, Gallenkamp, 685 3rd St.; contractor, John J. Delucchi, 1526 Powell

ALTER dwelling, $350; 246 Rolph St.; owner, G. J. Castell, Premises.

BILLBOARD, $6.25; S Mission St. 112 W 10th St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50; SW California St. and Parker Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUES, $125; 45 O'Farrell St.; owner, L. Hopper, % Contractor; contractor, L. B. Hooker, 1530 Howard St.

BILLBOARD, $12.50; E Arguello Blvd 250 S Geary St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER apartments, $483; 1501 Leavenworth St.; owner, Mrs. M. Burmeister, 174 18th Ave.; contractor Chas. Greenberg, 3116 23rd St.

BILLBOARD, $6.25; S North Point St. 165 E Polk; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $6.25; NW Irving and 11th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER restaurant, $200; 500-502 Mission St.; owner, Peter Wolters, Prem.; contractor, Royal Show Case Co., 770 McAllister St.

ALTER store and flats, $400; 1176 Valencia St.; owner, I. F. Williams % Contractor; contractor, A. C. Lindgren, 346 Lowell St.

ALTER dwelling, $300; 319 London St. owner, Rosolina Cancilla, Prem.

BILLBOARD, $6.25; E Mission St. 102 S Lowell; owner, Foster & Kleiser Co., 1675 Eddy St.

FLUES, $115; N John St. 118 W Powell; owner, Wong Quock Don, % Contractor,; contractor, John J. Delucchi, 1526 Powell St.

ALTER store, $25; 1457 Haight St.; owner, John Sherby, Premises.

SIGN, electric, $200; 250 Powell St.; owner, McIntosh Studio Clothes, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER flats, $200; 1236 Kansas St.; owner, F. Da Col, Prem.; contractor, V. Masarie, 2550 19th St.

BILLBOARD, $6.25; N Turk St. 100 E Masonic Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BILLBOARD, $12.50; NE Point Lobos and 42nd Aves.; owner, Foster & Kleiser Co., 1675 Eddy St.

SIGN, $25; 867 Market St.; owner, J. C. Penny Co., Premises.

ALTER restaurant, $900; SW Geary and Powell Sts.; owner, Golden Pheasant, Premises; contractor, Mullen Mfg. Co., 60 Rausch St.

ALTER dwelling, $500; 2892 Army St. owner, Frank T. Pfaff, Premises; contractor, Hanson Bros., 5840 Mission St

BILLBOARD, $6.25; NE Union and Gough Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

GARAGE, one-story frame, $250; 3899 Clay St. (rear); owner, James L. McDermott, 3962 26th St.

SIDEWALK door, $96; 949 Market St. owner, Paramount Properties, Los Angeles contractor, Phoenix-Simpton Co., 520 6th St.

BILLBOARD, $6.25; E Mission St. 153 N Acton; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

o.	Owner	Contractor	Amt.
	Edmonds	Meinberger	6500
	State	Terranova	1942
	Bothin	Mattock	13844
	Pacific	Johnson	4573
	International	Sartorio	6466
	Same	Koch	2583
	Same	Tittle	2811
	New	Hardy	487

WELLING

2) E CHURCH ST. 78 S Twenty-second St. All work for one-story and basement frame dwelling.
wner—F. C. and Irene L. Edmonds, 343 Fourth St., San Francisco.
rchitect — F. Frederick Amandes, 1879 18th Ave., San Francisco.
ontractor — H. S. Meinberger, 313 Fourth St., San Francisco.
iled Mar. 14, '35. Dated Mar. 9, '35.
Rough frame up $1625
Brown coat plaster on 1625
When completed 1625
Usual 35 days 1625
TOTAL COST, $6500
ond, none. Limit, 110 working days. orfeit, none. Plans and specifications filed.

REMODELING

54) 601 MISSION ST.; remodeling of building.
wner—Bothin Real Estate Company.
rchitect—Angus McSweeney, 604 Mission Street.
ontractor — A. F. Mattock Co., 212 Clara Street.
Filed March 15, 1935. Dated. ....
15th of each month 75%
Usual 35 days.. 25%
TOTAL COST, $13,844.50
Limit, June 1, 1935. Plans and Spec. filed.

REMODELING

(55) 445 SUTTER ST.; remodel first floor of offices.
Owner—Pacific Gas & Electric Co., 215 Market Street.
Plans by Engineering Dept. of Owner.
Contractor—Oscar H. Ostlund and Ostlund & Johnson, 1901 Bryant St.
Filed Mar 14, '35. Dated, Mar 11, '35.
Within 10 days of receipt of the contractor's monthly invoice 75%
Usual 35 days.. 25%
TOTAL COST, $4,573.00
Bond, $4573. Sureties, Globe Indemnity Co. Limit, 40 calendar days. Plans and Specifications filed.

ALTERATIONS

(56) SW BUSH AND BATTERY. Carpenter work, mill work, glazing, hardware, plastering, removal of mezzanine, partitions, new store front for three-story brick building.
Owner — International Business Machines Corp., % Architect.
Architect—Carl Gellfuss, 414 Grant Bldg., San Francisco.
Contractor — Peter Sartorio, Monadnock Bldg., San Francisco.
Filed Mar. 18, '35. Dated Mar. 15, '35
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, $6466
Bond, $3233. Surety, United States Fidelity & Guaranty Co. Limit, 32 working days. Forfeit, none. Plans and specifications filed.

(57) ONE-PIPE LOW PRESSURE, gravity return steam heating plant on above.
Contractor — Walter V. Koch, 1808 Market St., San Francisco.
Filed Mar. 18, '35. Dated Mar. 15, '35
Boiler set complete and gas connected $645
Piping completed ready for radiators 645
When completed 645
Usual 35 days 648
TOTAL COST, $2583
Bond, $2583. Surety, Hartford Accident & Indemnity Co. Limit, 32 working days. Forfeit, none. Plans and specifications filed.

(58) INSTALLATION OF ELECtrical wiring, conduits, etc., on above.
Contractor—H. S. Tittle, 85 Columbia Square, San Francisco.
Filed Mar. 18, '35. Dated Mar. 15, '35.
On 1st and 15th of each month 75%
Usual 35 days .... Balance
TOTAL COST, $2811
Bond, $2811. Surety, Hartford Accident & Indemnity Co. Limit, 32 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(59) NO. 149 MASON ST. Painting, cleaning, carpenter work, etc., for second floor loft.
Owner—New England Mutual Life Assurance Co., % Goudey Mortgage Loan Co., 2255 Russ Bldg., S. F.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina St., San Francisco.
Filed Mar. 18, '35. Dated Feb. 25, '35.
Carpenter work and plastering completed and paper removed from walls $243
When completed 243
TOTAL COST, $487
Bond, $472. Surety, Great American Indemnity Co. Limit, forfeit, none. Specifications only filed.

ALAMEDA COUNTY

HEATING

(12) SEMINARY AND CAMDEN ST. Oakland. All work for heating and ventilating at Mills College.
Owner—Mills College, Premises.
Architect—W. H. Ratcliff, American Trust Bldg., Oakland.
Contractor—Pacific Heating & Ventilating Co., 2059 Webster Street, Oakland.
Filed Mar. 14. '35. Dated Feb. 20, '35.
On 10th of each month. 75%
Usual 35 days .... Balance
TOTAL COST, $9415
Bond, $9415. Surety, Hartfort Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

(13) CEMENT AND CONCRETE work on above.
Contractor—Nat Lena, 1174 19th St., Oakland.
Filed Mar. 14, '35. Dated Feb. 20, '35.
Payments same as above....
TOTAL COST, $5030
Bond, $5030. Surety, New York Casualty Co. Limit, forfeit, plans and specifications, none.

BULKHEAD BLDG.

(53) PIERS 38 AND 40. All work for lathing and plastering bulkhead building.
Owner—State of California (Harbor Board).
Chief Engineer — Frank G. White, Ferry Bldg., San Francisco.
Contractor — F. C. Amorosó & Sons, Wallace and Keith Sts., S. F.
Sub-Contractor—Terranova Plastering Co., 344 San Maguel St., S. F.
Filed Mar. 14. '35. Dated Oct. 2, '34.
Monthly as collected from owner less retention as for specifications until paid in full.
TOTAL COST, $7942
Bond, Limit, forfeit, plans and specifications, none.

ALTERATIONS

(14) 1129 GRAND ... ALAMEDA ... teration
Owner Rector Wardens and Vestry of Christ Church Parish
Architect Not Given
Contractor—Robt F. Norling ... 16th St., Oakland
Filed March 15, '35 Dated Feb ...
Labor and material 75%
Usual 35 days ...
TOTAL COST, $1,000
Limit, 30 days Plans and Spec filed

PAINTING

(15) SEMINARY AND CAMDEN St., Oakland Exterior and interior painting and decorating for college.
Owner—Mills College, Premises.
Architect—W. H. Ratcliff, American Trust Bldg., Oakland.
Contractor—J. W. Vickery, 3049 Richmond Blvd., Oakland
Filed Mar. 19, '35. Dated Feb. 20, '35.
10th of each month 75%
Usual 35 days.... 25%
TOTAL COST, $2292
Bond, $2292. Surety, Hartford Accident & Indemnity Co. Limit, Sept. 1, 1935. Forfeit, plans and specifications none.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $360; 3129 Piedmont Ave., Oakland; owner, McGahie & Palmer, Mills Bldg., S. F.; contractor, Frank A. Stead, 3206 Boise St., Berkeley.

REPAIRS, $95; 2202 Seminary Ave., Oakland; owner, A. W. Perkins, Prem.; contractor, J. W. Martinson, 5901 Moraga Ave.

ADDITION, $150; 1949 102nd Avenue, Oakland; owner, H. L. Moore, 1949 102nd Ave.

ALTERATIONS, $225; 3160 13th St., Oakland; owner, Kopperud & Kinsell, Monterey, Calif.; contractor, W. J. Wheeler, 4001 Elston Ave.

ADDITION, $850; 221 Brookside Ave., Oakland, owner, F. E. La Fehr, Premises; contractor, Wiggins & Swanson, 3906 Laguna Ave.

SIGN, metal roof, $15; 5836 Walnut St., Oakland; owner, V. King, 5836 Walnut St.

BILLBOARD, $50; NW 11th and Grove Sts., Oakland; owner, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, $25; E Grove St. 35 S 29th St., Oakland; owner, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, $50; W Shattuck Ave. 50 S 58th St., Oakland; owner, Foster & Kleiser, 22nd and Market Sts.

GARAGE, one-story, $200; 5890 Broadway Terrace, Oakland; owner, J. M. Simpson, Prem.; contractor, I. W. Button, 317 63rd St.

ADDITION, $150; 3564 72nd Avenue, Oakland; owner, E. Mortan, Prem. contractor, Folke Wallin, 2150 50th Ave.

ALTERATIONS, $35; 521 7th St., Oakland; owner, Fidelity Guaranty Bldg. & Loan, 2323 Shattuck Ave. Berkeley.

SHED, one-story, $500; 8119 E-14th St., Oakland; owner, M. J. Schmidt, 8119 E-14th St.; contractor, Wiggins & Swanson, 3906 Laguna Ave.

BILLBOARD, $50; N 22nd St. 108 W Magnolia St., Oakland; owner, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, $50; NE Foothill Blvd. and Crosby St., Oakland; owner, Foster & Kleiser, 22nd and Market Streets.

BILLBOARD, $100; W Telegraph Ave. 150 N Alleen St., Oakland; owner, Foster & Kleiser, 22nd & Market.

SIGN, roof, $12; NW 74th Ave. and E-14th St., Oakland; owner, Richfield Oil Co., 13th and Franklin.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Sends
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Equipment

1— APARTMENTS

To Take Segregated Bids Immediately

APARTMENTS Cost, $32,000
SACRAMENTO, Sacramento Co., Cal.
O St., bet. 13th and 14th Sts.
Two-story and basement frame apartment building (16 apts.) cement, stucco and brick exterior finish, tile and composition roof, wood and masonite floors, steam heating system; Kohler plumbing goods, colored stucco interior finish, knotty pine; tile floors in bathrooms, etc.
Owner—Jacob Loyth, 1005 10th St., Sacramento.
Architect — Frederick H. Harrison, 1005 10th St., Sacramento.
Mgr. of Construction—Jacob Loyth, 1005 10th St., Sacramento.
Segregated bids will be taken by the owner, who is acting as manager of construction, immediately.

3— CHURCHES

To Ask Bids March 25.

ADDITION Cost, $3500
PATTERSON, Stanislaus Co., Cal.
Frame and stucco social hall at church (26x56 feet).
Owner—Evengelical Covenant Church Patterson.
Plans by Tomell & Huderson, Patterson.

SKETCHES PREPARED

SANTA BARBARA, Cal.—Architects Soule & Murphy, 116 E. Sola St., Santa Barbara, have prepared sketches for a proposed new edifice to be erected on the northwest corner of State and Parde Sts., Santa Barbara, for First Congregational Church; Dr. R. Arthur Basham, Pastor. Cost of the structure which would contain a main auditorium and a Sunday School auditorium, is estimated at $30,000.

Bids Rejected.

AUDITORIUM Cont. Price, $11,390
SAN FRANCISCO. Oakdale Ave. (All Hallows Church).
One - story auditorium to seat 500; frame and stucco construction, tar and gravel roof, wood trusses, maple floors, gas radiators, nuwood interior walls and ceilings, etc. (50x100 ft.)
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—John J. Foley, 770 5th Ave.
Low Bidder—H. J. Keneally, 2175 Green Street.
Whether or not new bids will be asked is not determined at this time.

4— FACTORIES & WAREHOUSES

PLASTERING CONTRACT AWARDED

SAN FRANCISCO.—F. C. Amoroso and Sons, Wallace and Keith Streets, awarded plastering contract to Terranova Plastering Co., 344 Miguel St., at $7,942 for lathing and plastering the bulkhead building at Piers Nos. 38 and 40 for the State of California Harbor Commissioners. Frank G. White, Engineer, Ferry Bldg.

Plans To Be Prepared.

ADDITION Cost, $70,000
AMPERE, San Joaquin Co., Calif.
Addition to present winery (work involves construction of a distillery, warehouse and cellar).
Owner—Bear Creek Vineyard Assn.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
The proposed work is a preliminary stage.

Contract Awarded.

WINERY Cost, $10,000
OAKLEY, Contra Costa Co., Cal.
Winery (machinery and equipment) storage room for aging wine, etc.
Owner—Paul Ungaretti, Oakley.
Architect—Not Given.
Contractor—Russell P. Cataline, Pittsburg.

Plans Being Figured—Bids Close Mar. 27, 4 P. M.

ADDITION Cost, $100,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (144,000 sq. ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner—Port of Stockton Grain Terminal Assn. (Eugene B. Wilkinson, president), Stockton.
Plans by O. H. Chain, 41 S-Sutter St. Stockton.
Bids are being received from a selected list of contractors and will be opened at No. 4 W. Weber St., Stockton.

To Be Done By Day's Work.

SHOP Cost, $3000
FRESNO, Fresno Co., Cal. No. 1217 M Street.
One-story printing shop.
Owner—Ward S. Williams, 1017 College Ave., Fresno.
Architect—Not Given.

PROJECT APPROVED

OAKLAND, Alameda Co., Cal.—SERA has approved appropriation of $43,657 for placing of concrete jackets on piles; overhauling of shed doors; washing, painting and glazing of exterior building, removal of roof and replacement; repairs to fire protection system at Clay Street Pier and Transit Shed, at the foot of Clay St., Oakland. The project will be supervised by J. G. Bastow, assistant engineer and will employ one timekeeper and 80 laborers.

Contract Awarded.

CANNERY Cost, $150,000
MOUNTAIN VIEW, Santa Clara Co.
One-story corrugated iron cannery (300x500 feet) reinforced concrete floors, etc.
Owner—Allan Cutler, Inc, 2065 Cowper St., Palo Alto.
Plans by H. C. Miller.
Contractor—H. C. Miller, 1313 Frank-St., Santa Clara.

Contract Awarded.

ALTERATIONS Cost, $10,000
SAN FRANCISCO. 480 Main Street.
Alterations to warehouse.
Owner — Matson Navigation Co., 2[illegible] Market Street.
Architect—Not Given.
Contractor—Cork Insulation Co., Inc. 462 Bryant Street.

Sub-Bids Being Taken.

ADDITION Cost, $100,000
SEATTLE, Wash. 3100 Airport Way
Addition to brewery (4-story reinforced concrete structure, 53x83 feet; tile interior, cork insulation; will house 69 steel tanks and 24 fermenting vats.
Owner—Century Brewing Co., 3100 Airport Way, Seattle.
Architect — Joseph Wohleb, Olympia, Washington.
Engineer—W. H. Witt Co., Lloyd Bldg., Seattle.
Contractor—A. W. Quist Co., Exchange Building, Seattle (probable contractor).
Sub-bids are being taken on plumbing, refrigeration, wiring, cork insulation, etc.

PROPERTY PURCHASED.

SAN BERNARDINO, Cal.—Smart & Final, wholesale grocers, 315 Marine, Wilmington, have purchased property adjoining the firm's plant at 863-67 Rialto Ave., San Bernardino, and will improve the site with an addition to the existing warehouse. The new unit will be a one-story, reinforced concrete structure, 83x200 feet in area, with a brick front. According to company officials, the project has not yet reached the plan stage. Smart & Final recently completed a large warehouse on San Fernando Road, Los Angeles, which was built by Wm. P. Neil Company.

CONTRACT TO BE AWARDED

LOS ANGELES, Cal.—Wm. Simpson Constr. Co., 815 W. 5th St., submitted low bid at $99,750 and will be awarded contract for alterations and additions to a factory and sales building a 1662 N. Highland Ave. for Max Factor. S. Charles Lee, 2404 7th St., architect.

Planned.

PACKING PLANT Cost, $——
EXETER, Tulare Co., Calif.
Packing plant to replace building destroyed by fire.
Owner—Exeter Citrus Assn. (Fred S. Mayfield, Mgr.) Exeter.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work.

SERVICE STATION Cost, $3000
SANTA CRUZ, Santa Cruz Co., Cal. Laurel St. and Pacific Ave.
Steel service station.
Owner—Texas Co., Hearst Bldg., San Francisco.
Plans by Engineering Dept. of Owner.

To Ask Bids In Two Weeks.

SERVICE STATION Cost, $——
SAN JOSE, Santa Clara Co., Calif. Santa Clara and San Pedro Sts.
Super-service station (steel and brick construction).
Owner—Baumgartner Brothers, 148 W Santa Clara St., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.

lumbing and Electric Contracts Awarded.
ARAGE, ETC. Cost, $42,000
AN FRANCISCO. Green and Front Streets
ne-story brick garage (91x72 feet) two-story brick cold storage and office building (20x91 ft.) and two-story reinf. concrete cold storage and dry storage bldg. (20x91 ft.) steel trusses, wood joists, electrical work, plumbing, cork insulation, steel sash, etc.
wner—Kraft-Phoenix Cheese Corp., 962 Battery Street.
lans by Engineering Dept. of Owner.
ontractor—C. L. Weld, 4412 Fulton Street.
lumbing—A. J. Silver, 455 Hayes St.
lectric—Strom & Smith, 1077 Valencia Street.

eing Done By Day's Work.
ERVICE STATION Cost, $——
URLINGAME, San Mateo Co., Calif. Lorten and Howard Avenues.
uper service station.
wner — Lynch Bros., 101 California Drive, Burlingame.
lans by Owner.

Plans Completed.
ERVICE STATION Cost, $5000
AN FRANCISCO. NW Ocean Ave. and San Jose Ave.
One-story steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

Planned.
GARAGE Cost, $4,000
LODI, San Joaquin Co., Cal. Church Street.
One - story garage (stucco exterior, plate glass front, drive - in entrance, etc.; 25x40 ft.)
Owner—Mitchell & Koenig, Lodi.
Architect—Not Given.

Plans Being Figured—Bids Close March 25, 10 A. M.
SERVICE STATION Cost, $5000
SAN FRANCISCO. NW Ocean Ave. and San Jose Ave.
One-story steel service station.
Owner—General Petroleum Corp., 519 19th Street, Oakland.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

Bids Wanted—To Close March 26, 2 P. M.
RESIDENCE, BOATHOUSE, ETC.
HARNEY COUNTY, Oregon. Lake Malheur Migratory Waterfowl Refuge.
Residence building, service building, office and laboratory, boathouse, barn, entrance gate (reinforced concrete floatings) tower, septic tank, disposal field, pumphouse and toilet.
Owner—United States Government.
Plans by Suprvising Architect, U. S. Dept. of Agriculture, Washington, D. C.
Plans and specifications may be obtained from the Chief, Division of Purchase, Sales and Traffic, U. S. Department of Agriculture, Washington, D. C., upon deposit of $15.

BUILDING MATERIALS APPROVED
SANTA PAULA, Ventura Co., Cal. —Treasury Department, Washington, D. C., approved the following equipment awards for the construction of the U. S. Post Office at Santa Paula. W. L. Snook, Santa Barbara, general contractor.
Lighting distribution panel, Frank Adam Elec. Co.; main switch, Frank Adam Elec. Co.; rubber-covered wire, Hazard Insulated Wire Works; receptacles and flush switches, Arrow Hart & Hegeman Elec. Co.; gas water heater, American Radiator Co.

BUILDING MATERIALS APPROVED
OREGON CITY, Oregon—Treasury Department approved the following equipment awards for the construction of the U. S. Post Office at Oregon City. Dougan-Hammond Construction Co., Portland, Ore., general contractors.
Plumbing fixtures, Standard Sanitary Mfg. Co.; tube radiators, American Radiator Co.; angle radiator valves and thermostatic traps, Jas. P. Marsh Co.; rubber-covered wire, General Electric Co.; flush switches, General Elec. Co.

Contract Awarded.
POST OFFICE Cont. Price, $62,740
INGLEWOOD, Los Angeles Co., Calif.
U. S. post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Theodore A. Beyer Corp., Chamber of Commerce Bldg., Los Angeles.

Contract Awarded.
POST OFFICE Cont. Price, $50,980
SAN MATEO, San Mateo Co., Cal. SW Ellsworth and Second Avenues.
One-story concrete post office building (80x90 ft.; stucco exterior; tile roof, ornamental iron bars, two vaults, 64-ft. loading platform in rear, etc.)
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.

BIDS OPENED.
LOS ANGELES, Cal.—Original Cabinet Corp., Niles, Mich., at $112.50 submitted low bid to the Post Office Department, Washington, D. C., for two pigeon-hole nests and one key cabinet for the U. S. Post Office, Village Station, Los Angeles.
Complete bids follow:

Original Cabinet Corp., Niles, Ohio	$112.50
John E Sjostrom Co., Philadelphia	113.50
Corbin Cabinet Lock Co., New Britain, Conn.	128.00
Geo. Fensky Co., S. F.	135.00

BIDS OPENED.
LOS ANGELES, Cal.—Geo. Fensky Co., 761 Tebama St., San Francisco, at $730, submitted low bid to the Post Office Department, Washington, D. C. for screen line equipment for the Los Angeles Village Station Post Office.
Complete bids follow:
(a) fob work; (b) installed.

Geo. Fensky, San Francisco	(a) $730
	(b) 830
Keyless Lock Co., Indianapolis Indiana	(a) $961
American Hardw'e Corp., New Britain, Conn.	(a) $972
Federal Equip. Co., Carlisle, Pennsylvania	(a) $926

CONTRACT AWARDED
SAN BERNARDINO, Cal.—Neuman Bros., McMinnville, Ore., at $1347, awarded contract by Treasury Department, Washington, D. C., for painting at the U. S. Post Office, San Bernardino.

BUILDING MATERIALS APPROVED
COLTON, San Bernardino Co., Cal. —Treasury Department, approved the following equipment awards for the construction of the U. S. Post Office at Colton. Schuler & McDonald, Oakland, general contractors.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric drinking fountains and water coolers, Halsey W. Taylor Co.; pressure-reducing valve on water supply, Mueller Co., cast-iron threaded pipe, American Radiator Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; indirect water heater, Am. Radiator Co., tube radiators, Am. Radiator Co.; wall radiators, Am. Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Jas. P. Marsh Corp.; air valves for radiators and for ends of steam mains, Am. Radiator Co.; lighting distribution panel and main switch, Frank Adam Elec. Co.; rubber-covered wire, Hazard Insulated Wire Works; flush switches, Arrow-Hart & Hegeman Co.; pendant switches, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Moe-Bridges Corp.

BIDS WANTED
YERBA BUENA ISLAND, Cal. — Until March 20, 10 A. M., bids will be received by the District Public Works Officer, Room 518 100 Harrison St., San Francisco, for furnishing and installing asphaltic tile flooring for the sun room and plant room, first floor, Quarters No. 1, Receiving Ship Station, Yerba Buena Island.
Specifications obtainable from above office upon deposit of $5.

BIDS WANTED
SAN JOSE, Santa Clara Co., Cal.— Until April 10, 10 A. M., bids will be received by the Treasury Department Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office, San Jose.
Specifications may be obtained from above office and from the Custodian of the building at San Jose.

Bids Wanted—To Close April 18, 1 P. M.
POST OFFICE Cost, $214,500
HOLLYWOOD, Los Angeles Co., Cal. NW Wilcox and Selma Avenues.
Two-story and basement Post Office (196x115 ft.) reinforced concrete walls; concrete exterior, waste mould work, columns and beams; wood roof joists, wood and steel sash, cast and wrought iron work, metal clad doors, freight elevator; marble wainscot, terrazzo floors in lobby; wood strip floors in work rooms; two vaults; special lighting fixtures; steam heat; water heater; skylights; metal stairs, etc.
Owner—United States Government.
Architect—Claud Beelman, 1019 Union Bank Bldg., and Allison & Allison, 1014 Edison Bldg., Los Angeles.
Plans and specifications may be obtained from the Treasury Department, Washington, D. C., upon deposit of $25.

BIDS OPENED
SAN FRANCISCO—Western Asbestos Magnesia Co., 675 Townsend St., at $77 submitted low bid to 12th Naval District, San Francisco, for furnishing and installing asphaltic tile flooring for the sun room and plant room, first floor, Quarters No. 1, Receiving Ship Station, Yerba Buena Island. Only other bid was submitted by Malott & Peterson at $86.

LOW BIDDERS
ROSEBURG, Oregon—Reed & Reed and J. Harold Johnson, Hearst Bldg., San Francisco, at $118,500 submitted low bid to Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for construction of a recreation building No. 16. Work includes walks, grading, excavating, re-

inforced concrete, hollow building tile, brick work, cut stone, marble work, terrazzo, floor and wall tile, rubber tile, compressed asphalt tile, iron work, steel stairs, steel shelving, tile and metal roofing, metal lathing, plastering, carpentry, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electric elevator, outside service connections, etc.

Following are three low bids:

Reed & Reed and J. Harold Johnson, San Francisco, $118,500.

A. F. Mowat, Seattle, Washington, $118,900.

Hoffman Construction Co., Portland, Oregon, $119,800.

Complete bids will be published shortly.

Plans Completed.

POST OFFICE Cost, $650,000

SPOKANE, Wash. Howard and Havermale Streets.

Four-story & basement fireproof post offie building (brick and terra cotta trim).

Owner—United States Government

Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

Preparing Preliminary Plans.

POST OFFICE Cost, $410,000

SAN DIEGO, San Diego Co., Calif.

One- and two-story reinforced concrete post office building (230x185 feet).

Owner—United States Government.

Architect—Wm. T. Johnson, San Diego Trust & Savings Bank Bldg., San Diego.

March 21, 1935

BID OPENING DATE POSTPONED.

LONG BEACH, Cal.—Until March 29, 10 A. M. (opening date postponed from March 20) bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. post office at Long Beach. There will be no painting above the fourth floor except in two elevator shafts, which will be given two coats of cold-water paint. Specifications may be obtained from the custodian of the building.

BIDS WANTED.

SAN DIEGO, Cal.—Until April 1, 2 P. M., bids will be received by the National Park Service; Frank A. Kittredge, chief engineer, 409 Underwood Bldg., San Francisco, for furnishing and installing metal work in connection with the restoration of the lighthouse at Cabrillo National Monument on Point Loma, San Diego. Plans and specifications may be obtained from Mr. Kittredge in San Francisco upon deposit of $5. Guarantee in the sum of 10% must accompany each bid. The work includes cast bronze and brass, miscellaneous iron and steel, ornamental iron, etc. The remainder of the restoration work, which will be done by force account, will be handled under the direction of Mr. White, superintendent of Sequoia National Park and Mr. Hendricks, resident engineer on the job. A sheet metal roof will be placed on the structure, a wood frame addition built and a masonry wall constructed. Later on bids will be advertised for a comfort station to be erected on the site. Total cost of the improvements, including landscaping, will approximate $38,000.

8— CLUB BUILDING

Commissioned To Prepare Plans.

CITY HALL Cost, $——

AUBURN, Placer Co., Calif. High St. near Central Square.

Two-story city hall and central fire house (43x120 ft.)

Owner—City of Auburn.

Architect—Geo. Sellon, California State Life Bldg., Sacramento.

Planned.

IMPROVEMENTS Cost, $——

MONTEREY, Monterey Co., Calif.

Improvements to golf and county club (new entrance, paving, etc.)

Owner—Monterey Bay Golf & Country Club (S. C. Hardin, resident manager) Monterey.

Architect—Not Given.

Material Bids Wanted—To Close Apr. 2, 8 P. M.

CITY HALL Cost, $——

CLOVERDALE, Sonoma Co., Calif.

One-story City Hall (58-foot frontage) reinforced concrete construction, plaster interior walls.

Owner—City of Cloverdale.

Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

Labor will be furnished by SERA.

9— HOSPITALS

Plans Being Completed.

HOSPITAL, ETC. Cost, $6000

ORLEANS, Humboldt Co., Calif.

One-story wood frame hospital unit and community center (53x36 ft.) shingle roof, wood floors, etc.

Owner — Episcopal Bishop of Sacramento.

Architect—Arnold Constable, 581 Market St., San Francisco.

Building is to be constructed for the Mission of the Holy Spirit (Rev. C. W. Sills, Pastor).

Plans will be completed in about 10 days.

Preparing Working Drawings.

ADDITION Cost, $14,000

HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.

One-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant, tile and linoleum floors, etc. (90x39 ft.)

Owner—Dr. C. W. Weaver, Memorial Hospital (Brigadier W. G. White, Supt.), Healdsburg.

Architect—John I. Easterly, 302 Grant St., Healdsburg.

Bids will be asked in about four weeks.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $15,000

SAN FRANCISCO. No. 847 Clay St.

Alterations to rooming house.

Owner—Mercantile Mortgage Co., 1440 Broadway, Oakland.

Plans by James R. Lee, 874 Washington St., San Francisco.

Contractor—Logan Kay, Premises.

CONTRACT AWARDED.

PHOENIX, Arizona.—Carrier Engineering Corp., 748 East Washington Blvd., Los Angeles, awarded a contract for installing an air conditioning system in the Arizona hotel, 4th Ave. and Washington St., Phoenix. The system will be connected with 81 guest rooms, five store rooms and the lobby. It will cost approximately $25,000.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED.

BONNEVILLE, Ore.—Until April 3, 2 P. M., bids will be received by Fish Commissioner, State of Oregon, Oregon Building, Portland, for refrigeration building, utility building, mechanical refrigeration plant, insulation work, etc., at the Bonneville Fisheries Station, Bonneville, Ore. Plans prepared by Architects Claussen & Claussen, Guardian Bldg., Portland.

TO ASK BIDS.

PHOENIX, Ariz.—Architects Lescher & Mahoney and Engineer Roy M. Quackenbush, 1100 Title & Trust Bldg., Phoenix, have prepared plans and will take bids the latter part of this week for refrigerated air conditioning systems to be installed in the Craig buildings at Adams St. and First Avenue, Phoenix.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Calif.—Lamson Co., 611 Howard St., San Francisco, at $2882 awarded contract by Stockton Port Commission for furnishing and installing penumatic tube system and transit sheds Nos. 3, 4, 5, 6, 7 and 8 at the Stockton Port. System is to be the vacuum pressure type constant running, 21½-inch outside diameter tube; motor driven compressor, three tube station, carrier, supports, etc.

Complete bids follow:

Lamson Company, S. F. $2882

Standard Conveyor Co., S. F. 3080

MacLaren Co., S. F. 3388

Segregated Bids Being Taken.

PRE-COOLING PLANT Cost, $250,000

PLACERVILLE, Eldorado Co., Calif.

Pre-cooling station and ice storage plant (reinf. concrete and timber construction).

Owner—Placerville Fruit Growers' Association, Placerville.

Architect—Masten, Hildr & Rothe, 233 Post St., San Francisco.

Paul Scherrer, mechanical engineer, 233 Post St., San Francisco, is acting as manager of construction.

Concrete is now being poured and segregated bids are being received by the owners in Placerville.

12— POWER PLANTS

CONTEMPLATED

LOS ANGELES, Cal.—Construction of a distributing station to handle electrical current from the Boulder Dam will be started during the summer on an 11-acre site on Whitnall Blvd., North Hollywood, according to H. C. Gardett, chief design engineer of the Bureau of Power & Light. The proposed station will be equipped to transform the 110,000-volt current to 34,500 for distribution to substations. The estimated cost is $1,250,000. Condemnation proceedings are being prepared by Ray L. Chesebro, city attorney. The site is owned by the Italian Toluca Winery Co.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Prepared.

ADDITION Cost, $——

RENO, Washoe Co., Nevada.

Addition to present county courthouse and county jail (new heating system, etc.)

Owner—County of Washoe.

Architect—F. J. DeLongchamps, Gazette Bldg., Reno.

Preliminary studies are being considered by the County Commissioners.

PLANNED

TULARE, Cal.—Tulare City Council appropriated $13,000 from City general fund to finance construction of a veterans' memorial building and civic auditorium. The total cost of the building will probably be $50,000. Further details will be announced shortly.

Planned.

ADDITION Cost, $2500

NAPA, Napa Co., Cal.

Addition to Goodman Library.

Owner—City of Napa.

Architect—Not Given.

)THORIZED

LYON COUNTY, Nevada — State legislature has passed bill authorizing county to issue $25,000 in bonds for construction of county court house.

ONTEMPLATED

WASHOE COUNTY, Nev.—County Grand Jury recommends $200,000 bond issue to be supplemented by $85,000 PWA grant for remodeling and enlarging Washoe County Court House in Reno. Work includes improvements to jail.

LANNED.

CARSON CITY, Nev.—State legislature has passed a bill providing $90,000 bond issue to be supplemented by $3,500 PWA grant for construction of new library and supreme court building. Site has not been selected.

da Opened.

ALL OF RECORDS Cost, $350,000
RESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.
Three-story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)
wner—County of Fresno.
chitects—Allied Architects of Fresno (composed of W. D. Contes, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson) 304 Rowell Building, Fresno.
ructural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.
echanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
Low bids follow:
eneral Work—Wm. Spivock, Hobart Bldg., San Francisco, $247,900.
echanical Work—Barrett-Hicks Co., 1031 Broadway, Fresno, $42,983.
lectrical Work—Wessell Electric Co. Rt. 2, Box 173, Fresno, $23,474.
Complete bids follow:

General Work

Wm. Spivock, S. F...	$247,900
Swiddle Const. Co., S. F...	255,200
E. Parker Co., S. F...	255,300
J. Reilly, S. F...	258,301
obert E. McKee, Los Angeles	267,500
rewhitt - Shields and W. J. Ochs, Fresno	271,294
acDonald & Kahn, S. F.	281,500
redrickson & Watson, Oakland	282,390

Machanical Work

arrett-Hicks Co., Fresno.	$42,983
A. Newman, Fresno.	44,651
ately & Hately, Sacramento	44,663
cott Co., San Francisco	44,693
arpenter & Mendenhall, Sacramento	44,975
chuster & Hudson, Oakland	45,530

Electrical Work

Vessell Electric Co., Fresno..	$23,474
ohinson Electric Co., Fresno	23,641
lectric Const. Co., Fresno	23,858
oy M. Butcher, San Jose	24,000
ewberry Electric Co., L. A.	26,725
bbett Electric Co., S. F.	29,282
merian Eletri Co., S. F...	29,381

Bids held under advisement for one week.

lanned.

EPAIR BLDG. Cost, $10,000
OROVILLE, Butte Co., Calif.
epair exposition building (corrugated iron siding, hardwood insulation, etc.)
wner—City of Oroville.
rchitect—Not Selected.
Milo Stram, Oroville contractor, has made a survey of the building and estimated that $10,000 was necessary for the repairs. Residents will vote at the city election April 8 whether the building will be repaired or razed.

Commissioned To Prepare Plans.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Cal. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Frank Mayo, 108 E. Miner St., Stockton.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

14— RESIDENCES

Construction To Start Immediately.

RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Berkeley and Acacia Streets.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—H. G. Parks, 1046 Peralta St., Oakland.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Mgr. of Const.—Randolph Parks, 1046 Peralta St., Oakland.

Plans Being Figured.

RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Avenue, Berkeley.
Randolph Parks, 1046 Peralta Street, Oakland, is the only contractor figuring the plans.

Contract Awarded.

RESIDENCE Cost, $27,130
BERKELEY, Alameda Co., Cal. Tunnel Road.
Two - story and basement frame and brick veneer residence (12 rooms, 5 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Stanley V. W. Hiller, 2847 Russell St., Berkeley.
Architect—J. K. Ballantine, 251 Kearny St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Blvd., Oakland.

Plans Being Figured—Bids Close April 25, 3 P. M.

RESIDENCE Cost, $6500
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms, 2 baths) English style, shake roof, gas hot air heating system, hardwood floors, steel sash tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $4000
RICHMOND, Contra Costa Co., Cal. South 37th St., bet. Cutting and Wall Sts.
One-story frame and stucco cottage and garage.
Owner—F. J. Poinelli, Richmond.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame residence.
Owner—E. W. Heisner.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 976 Keeler Ave., Berkeley.

Plans Completed.

RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Piedmont Pines Tract.
One and one-half-story frame and brick residence (7 rooms, 2 baths) hot air heating system, tiled baths, steel sash, oak floors
Owner—Helen Bennett
Architect—F. L. Confer, 2812 Russell St., Berkeley
Bids will be asked about April 1.

Plans Completed.

RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Cal. No. 1825 Gum Avenue.
One-story frame and stucco residence.
Owner and Builder—R. Casazzo, 1753 Gum Ave., San Mateo.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $12,000
SACRAMENTO, Sacramento Co., Cal. Seventeenth St. and Eleventh Ave. (College Tract).
Two-story frame residence.
Owner—Modernize Sacramento Committee (Allyn L. Burr, Chairman).
Architect—Not Given.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Contract Awarded.

RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Cal. Lot 29 Blk 3, Burlingame Avenue.
Two-story frame and stucco residence
Owner—J. F. O'connor, 933 California Drive, Burlingame.
Architect—Not Given.
Contractor—Joseph Bettencourt, P. O. Box 208 Centerville.

To Be Done By Day's Work.

RESIDENCE Cost, $5,000
SAN FRANCISCO. Alemany Blvd. 150 NE Santa Rosa Ave.
One - story and basement frame and stucco residence.
Owner—Neva Evangelisti, 700 Brazil Street.
Architect—Not Given

Contract Awarded.

RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. 1912 Addison Street.
One-story frame residence (7 rooms).
Owner—J. Wendering, 1911 Addison St., Berkeley.
Architect—Not Given.
Contractor—F. A. Stead, 3206 Boise St., Berkeley.

Contract Awarded.

RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Calif. 640 The Alameda.
Two-story frame and stucco residence (six rooms).
Owner—A. H. Chaney, 2340 LeConte, Berkeley.
Architect—Not Given.
Contractor—G. C. Garcia, 1656 Ocean View Ave., Berkeley.

Contract Awarded.

RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. 1355 Francisco.
One - story and basement frame and stucco residence.
Owner—G. Gambetta, 1363 Francisco St., Berkeley.
Architect—Not Given.
Contractor — John Salvaressa, 5103 Shafter Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $4,000
SAN FRANCISCO. N Precita 175 E. Folsom Street
Two - story and basement frame and stucco residence.
Owner—Frank Cirauio, 1523 Florida.
Architect—Not Given.
Contractor — Sharboro and Jorgensen, 2225 North Point St.

Sub-Bids Being Taken.

RESIDENCE Cost, $15,000
HILLSBOROUGH, San Mateo Co., Cal.

Two-story and basement frame and stucco residence (12 rooms and 4 baths) French style; shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner and Builder, Oscar Cavanagh, 432 Occidental Ave., San Mateo.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.

Preparing Working Drawings.
RESIDENCE Cost, $17,000
HILLSBOROUGH, San Mateo Co., Cal.
Two - story and basement frame and brick veneer residence (10 rooms, 4 baths) tile or shake roof, hot air heating system, tile baths, hardwood floors, etc.)
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Plans will be completed in 1 week.

To Be Done By Day's Work.
RESIDENCE Cost, $——
SAN FRANCISCO. 17th Ave. near N.
Two - story frame and brick veneer residence (6 rooms) tile roof, brick veneer to second floor, tile baths, gas hot air heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 60 San Andreas Street.
Alterations to frame residence.
Owner—Dr. M. N. Hosmer, premises
Architect—L. A. Kruse, 251 Kearny.
Contractor—A. J. Wilbe, 944 Phelan Building.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
OAKLAND, Alameda Co., Calif. 7757 Greenley Drive.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—A. W. Prentiss, 7695 Crest Ave., Oakland.
Architect—Not Given.

Preparing Preliminary Plans.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (11 rooms and 4 baths), Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Bids will not be asked for about 30 days.

Contract Awarded.
RESIDENCE Cost, $4,500
SAN FRANCISCO. E 27th Ave. 160 S Geary Street.
One - story and basement frame and stucco residence.
Owner—Elsie I. Rousseau.
Architect—Not Given.
Contractor—Anza Home Bldg. Co. 1498 36th Avenue.

RESIDENCE Cost, $4,500
SAN FRANCISCO. E 27th Ave. 75 S Cabrillo Street.
One - story and basement frame and stucco residence.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given.
Contractor—C. T. Lindsay, 4363 26th Street.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1262 35th Avenue.
Alterations to frame residence.
Owner—Mrs. G. M. Spencer, premises.
Architect—Not Given.
Contractor—Harry E. Scott, 4520 Cabrillo Street.

Contract Awarded.
RESIDENCE Cost, $6,500
SAN FRANCISCO. E Church St. 78 S. 22nd St.
One - story and basement frame and stucco residence.
Owner—F. C. and Irene L. Edmonds, 343 Fourth Street.
Architect—F. F. Amandes, 1879 18th Avenue.
Contractor—H. S. Meinberger, 343 4th Street.

Contract Awarded.
COTTAGES Cost, $——
ATASCADERO, San Luis Obispo Co.
Two one-story frame cottages.
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Sippel & Bergier, 5 "B" St., Lemoore.

Contract Awarded.
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif. 120 Dana Street.
Two-story frame and stucco residence.
Owner—P. Fragomeni.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st Street, San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. 1734 Fulton Street (Embarcadero Oaks).
Two - story and basement frame and stucco residence.
Owner and Builder — C. W. Kemper, 125 Bryant St., Palo Alto.
Architect—Not Given.

Segregated Bids Being Taken.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $8000
SALINAS, Monterey Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St., Salinas.
Bids will be asked in about two weeks.

Contract Awarded.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Ellington N Foote Street.
Two one-story and basement frame and stucco residences.
Owner—Dolores Realty Co., 16th and Valencia Sts., San Francisco.
Architect—Not Given.
Contractor—A. H. Ohlsen, 242 Vienna St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 40 Alta Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner and Builder—Milton B. Bonds, 583 Spruce St., San Francisco.
Architect—Not Given.

Planned.
COTTAGES, ETC. Cost, $——
SANTA CRUZ, Santa Cruz Co., Calif. West Cliff Drive.
Group of modern duplex apartmen community garage, etc.
Owner—Thos. Alzina, Santa Cruz.
Architect—Not Given.
Proposed work is in a prelimin stage.

Plans Completed.
RESIDENCE Cost, $6,0
OAKLAND, Alameda Co., Calif. Ross Circle.
Two - story frame and stucco re dence (six rooms).
Owner—A. J. Pollard, 77 Plaza Driv Berkeley.
Architect—F. L. Confer, 2812 Russ St., Berkeley.

Plans Being Figured—Bids Close Ma 26, 3 P. M.
RESIDENCE Cost, $—
ATHERTON, San Mateo Co., Calif.
One-story and basement frame ar stucco residence (5 rooms); ter cotta tile roof, gas heating sys tem, hardwoood floors, tile bath
Owner—Withheld.
Architect — Martin Sheldon, Monac nock Bldg., San Francisco.
Bids are being received from a se lected list of contractors.

Sub-Contracts Awarded.
RESIDENCE Cost, $—
PASATIEMPO, Santa Cruz Co., Ca
Two-story and basement frame an stucco residence (14 rooms and baths) servants' quarters with tw baths; air heating system, etc.)
Owner—Lawrence I. Scott, Insuranc Center Bldg., San Francisco.
Architect—W. W. Wurster, 260 Cali fornia St., San Francisco.
Contractor — Palmer & Balsiger, 25 Branciforte Ave., Santa Cruz.
Plumbing—Izant & Wilson, Santa Cru
Electric Wiring—Irvin Smith, Sant Cruz.
Heating—Izant & Wilson, Santa Cru
Lumber—Helbron Lumber Co., Santa Cruz.
Lathing and Plastering — Smith & O'Brien, Santa Cruz.

Complete Bid Listing.
RESIDENCE Cost, $120,000
LONGVIEW, Washington.
Construct sixty frame houses, con crete foundations, shingle roofs etc., for Longview Subsistence Homestead Tract.
Owner—United States Government.
Lw Bidder—Hoffman Constr. Co., 71 SW Columbia, Portland, Oregon.
Complete bids follow:
Hoffman Construction Co., Portland Oregon, $119,243.
Martin H. Smarker, Tacoma, Wash., $122,658.
A. S. Hansen, Seattle, Wash., $126, 748.
F. A. Mote, Dallas, Texas, $131,268.
McDonald Building Co., Tacoma, Wash., $139,218.
Sound Constr. Co., Seattle, Wash., $150,459.
Bids held under advisement.

Contract Awarded.
RESIDENCE, ETC. Cost, $2000
PALO ALTO, Santa Clara Co., Calif. No. 192 Dana Street.
Frame and stucco residence and tool shed.
Owner—Col. E. A. Buchannan, 1189 Hamilton Ave., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

Owner Taking Bids.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Calif.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); Spanish Style; tile roof, gas hot air heating system, hardwood floors, tile baths, etc.

Owner—Tony Gangi, Meridian Road, San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.

March 15, 1935

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, 508 Utah Street.
Alterations to residence.
Owner—Mrs. A. Grandabergo, premises.
Architect—Not Given.
Contractor—Victor Oliva, 2728 21st St. San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Cal. 7 Veteran Way.
Two-story frame and stucco residence (six rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. NW Hawes and Gilman Streets.
One - story and basement frame and stucco residence.
Owner—G. Golla, % contractor.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk Street.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $10,569
OAKLAND, Alameda Co., Cal. No. 5720 Walnut Avenue.
One-story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash, oak floors, tile baths, mahogany and pine trim.
Owner—John Peters, % Architect.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Excavation—Ariss Knapp Co., 961 41st St., Oakland.
Lumber — Sunset Lumber Co., 400 High St., Oakland.
Concrete — Gus Johnson, 3857 Vale Ave., Oakland.
Mill Work — Lannom Bros. Planing Mill,362 Magnolia St., Oakland.
Plumbing—H. F. Lass, 5300 Cole St., Oakland.
Plastering—Herman Thorndyke, 2450 E-21st St., Oakland.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Electric—Parkhurst Electric Co., 6432 Pinehaven Road, Oakland.

Bids Opened.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. Harvard Avenue.
Two-story frame and stucco residence Italian style (servant rooms and two baths), tile roof, etc.
Owner—George Ferroggiaro, 811 32nd Ave., San Francisco.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Low Bidder — E. S. Shaver, 2600 Easton Drive, Burlingame.
Complete bids follow:
E. S. Shaver, Burlingame.....11,198.50
Charle Hammer, Burlingame 11,390.00
George Ferrero 12,600.00
Bids held under advisement for about two weeks.

To Be Done By Day's Work.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Cal. 141 North 33rd Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—O. Donatelli, premises.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Cal. 1598 Shasta Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—Walter M. Brynes, 265 S. 3rd St., San Jose.
Architect—Not Given.
Contractor — Hollie Williams, 1499 Shasta Ave., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Cal. 1029 McKendrie Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—J. H. Stubenrauch, 1455 McKendrie St., San Jose.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 30th Avenue 169 S. Balboa Street.
One - story and basement frame and stucco residence.
Owner and Builder—A. J. Herzig, 635 Victoria Street.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Alemany Blvd. 87 S Tingley.
One - story and basement frame and stucco residence.
Owner—S. De Paoli, 3289 Mission St.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Sub-Bids Being Taken.
RESIDENCE Cost, $20,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (11 rooms, and 4 baths) English style; slate roof, steam heating system, hardwood floors, tile baths, etc.
Owner and Builder—Oscar Cavanagh, 432 Occidental Ave., San Mateo.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Cal. E Humboldt Street.
One-story frame residence (5 rooms).
Owner and Builder—F. A. Higgeman, 357 S. Market St., San Jose.
Architect—Not Given.

15— SCHOOLS

Plans Approved.
ALTER. GYM. & SHOP Cost, $——
CROCKETT, Contra Costa Co., Cal. High School Campus.
Structural and miscellaneous changes to gymnasium and shops at the High School.
Owner—Crockett School District.
Engineers—Henry D. Dewell and Austin W. Earl, 55 New Montgomery St., San Francisco.
Final plans have been approved by the State Division of Architecture and bids will be asked immediately. April 22 is the tentative date set for opening bids.

CONTRACT AWARDED
WATSONVILLE, Santa Cruz Co., Cal.—Schrader Iron Works, 1247 Harrison St., San Francisco, at $3614 awarded contract by Watsonville Union High School District for furnishing and installing structural steel for strengthening shops and agricultural building in Watsonville for the Watsonville Union High School Dist. Complete bids follow:
Schrader Iron Works, S. F.....$3614
Independent Iron Works, Oakland 4444
California Steel Products Co., San Francisco 7768
*Golden Gate Iron Works, S. F... 3437
*Bid not considered as it was specified that the school district should share in the expense of the testing

Bids Opened.
SCHOOL Cost, $65,000
HEALDSBURG, Sonoma County, Cal. Luce Estate Property (6.3 acres).
One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant
Owner—Healdsburg Elementary School District.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Low Bidder—John Hachman, P. O. Box 206, Stockton.
Complete bids follow:

General Work

John Hachman, Stockton	$62,800
Carl N. Swenson, San Jose	65,540
H. E. Vickroy, Stockton	68,563
N. H. Sjoberg & Sons, S. F.	68,584
Samuel Eyre, Tracy	70,166
Monson Bros., San Francisco	71,200
International Business Machine Corp., 529 Market St., San Francisco	$1,890.00
Hyaer Company	2,192.50
Standard Electric Time Co., San Francisco	2,618.00

Window Hardware

Daimo Sales Corp., 511 Harrison St., San Francisco	$1,000
Universal Window Co., Berkeley	1,020

Bids held under advisement.

CONTRACT CANCELLED.
SAN FRANCISCO. — Department of Public Works, upon recommendation of City Architect and City Attorney, cancelled contract with H. L. Petersen, 731 Treat Ave., for structural alterations and additions to Lowell High School. Cancellation is due to interrelation between damage done by fire October 31, 1934, and work being done by contractor.
A new bid call will be issued for the alterations and additions to the school

Contract Awarded.
BUILDING Cost, $——
NAPA, Napa Co., Calif. Coombs St. near Clay.
One-story building (concrete and tile construction) offices, etc.
Owner—Sam Gordon, Gordon Building, Napa.
Plans by C. Leroy Hunt, 898 Second St., Napa.
Lessee—American Railway Express Co.
Contractor—Chas. Breuer, 1427 Main St., Napa.

Plans Completed.
GYMNASIUM Cost, $40,000
SANGER, Fresno Co., Calif.
One-story reinforced concrete gymnasium.
Owner—Sanger Union High School District.
Architect—W. D. Coates, 626 Rowell Building, Fresno.
Plans have been forwarded to the State Division of Architecture for approval.

Preparing Plans.
IMPROVEMENTS Cost, $——
SALINAS, Monterey Co., Calif.
Structural changes to high school bldg. to comply with earthquake ordinance.
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans Completed.
SCHOOL Cost, $250,000
SAN FRANCISCO. Forty-second Ave. bet. Irving and Judah Sts.
Two-story reinforced concrete school (24 classrooms) auditorium to seat approximately 660; some steel in auditorium; tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architect — William Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—James M. Smith 251 Kearny St., San Francisco.
Upon approval of plans bids will be asked.

BOND ELECTION
KINGSBURG, Fresno Co., Cal.—Kingsburg Joint Union High School District will vote April 12 on a proposal to issue bonds in the amount of $40,000, proceeds to finance construction of a gymnisium in Kingsburg. Preliminary plans have been prepared by Architect W. D. Coates, Rowell Bldg., Fresno.

PROJECT APPROVED
CEDAR GROVE, El Dorado Co., Cal.—SERA has approved appropriation of $2149 for improvements at the Cedar Grove School. Work will include moving and rebuilding school house; clearing and landscaping grounds and fencing same; making road for about a quarter of a mile. Floyd Wilmoth of Cedar Grove School District will supervise the project which will employ 4 laborers.

Reinforcing Steel Contract Awarded.
SCHOOL Cost, $15,000
MacARTHUR, Shasta Co., Cal.
One-story heavy timber school building (one classroom and shop).
Owner—MacArthur School District.
Architect—Otto Deichmann, 110 Sutter St., San Francisco.
Engineer—Harold Hammill, 381 Bush St., San Francisco.
Reinforcing Steel — W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco.
Labor is being furnished by the SERA. Materials being purchased by the District.

BONDS DEFEATED
FAIRFIELD, Solano Co., Cal. — Rockville School District defeated bond issue in the amount of $11,000 on March 8. Proceeds were to have financed construction of a new elementary school in the Rockville School District.

PROJECT APPROVED
MARIPOSA, Mariposa Co. Cal.—SERA has approved appropriation of $6733 for construction of an elementary school site, Mariposa. Work will include concrete foundation and septic tank, concrete floors, wood frames, tile and composition roof, etc. The project will be supervised by the Mariposa Elementary School District and will employ 11 laborers. 15

FIRE LOSS
SAN JOSE, Santa Clara Co., Cal.—Fire destroyed the stage wings and auditorium of the San Jose High School March 14. Damage estimated at $15,000.

Plans Being Prepared.
ADDITIONS Cost, $8500
WOODLAND, Yolo Co., Cal.
Addition to bleachers (frame construction; comfort station, team rooms showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Room 205, 2068 Allston Way, Berkeley.
Plans will be forwarded to the State Division of Architecture for approval in about ten days.
Labor will be furnished by the SERA; materials purchased by the school district.

CONTRACT AWARDED.
SAN JOSE, Santa Clara Co., Cal.—Weber Showcase and Fixture Co., 910 Howard St., at $1,047.50 awarded the contract by State Purchasing Department, Sacramento, for wooden partitions for the San Jose State Teachers' College.

Plans Being Completed
GYMNASIUM Cost, $70,000
CHICO, Butte Co., Cal. Campus of Chico High School.
One-story reinforced concrete gymnasium (72x185 feet); steel trusses, maple floors, composition roofing, steam heating to connect to central plant, hung bleechers to wall, acme folding doors, steel sash.
Owner—Chico School District.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

BOND ELECTION
BURLINGAME, San Mateo Co., Cal.—Burlingame Grammar School Dist. will vote on April 10 on a proposal to issue bonds in the amount of $85,000, proceeds to finance construction of improvements and structural changes to the McKinley, Howard Avenue, Hoover, Roosevelt, Pershing and Coolidge Schools in Burlingame.
Survey has been completed by Architect James M. Mitchell, 369 Pine St., San Francisco, and Structural Engineer Harold B. Hammill, 381 Bush St., San Francisco.

PROJECT APPROVED
ALHAMBRA, Los Angeles Co., Cal.—SERA has approved appropriation of $8981 for improvements to the Alhambra High School Athletic Field. Work includes changing length of running track, constructing concrete curb around both inside and outside of track, relocating football field,etc. George L. Yelland of the Alhambra City High School District will supervise the project which will employ one timekeeper and 29 laborers.

LOW BIDDERS
LONG BEACH, Los Angeles Co., Cal.—Person & Thiele Corp., 507 S. Lorena St., Los Angeles, submitted apparent low bid on the general contract (using salvaged materials) to Long Beach Board of Education at $133,990 for construction of the administration unit at the James Russell Lowell Junior High School site. Low bidders on other contracts were: Thos. E. Williams Co., 256 Alamitos Street, Long Beach, plumbing, $4490; Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $4050, and Coast Elec. Co., 2350 Cedar Ave., Long Beach, electric wiring, $8193. Edward L. Mayberry, 3900 E. Third St., Long Beach, architect.

PLANS APPROVED
SANTA BARBARA, Cal. — Santa Barbara Board of Education has approved plans prepared by Paul Jeffers, structural engineer, Architects' Bldg., Los Angeles, and has outhorized the preparation of cost estimates for proposed repairs to the Jefferson School in Santa Barbara. The board has not yet determined whether it will use Jeffers' plan, which contemplates strengthening the structure with steel, or whether the building will be torn down and replaced with a frame and stucco structure.

BIDS WANTED
REDONDO BEACH, Los Angel Co., Cal.—Until March 27, 8 P. M bids will be received by the Redon Union High School District for m terials, including hardware, lumb structural steel and equipment to used in strengthening and improvin Redondo High School buildings. Pla and specifications are availabale the school office in Redondo. Certifi or cashier's check or bond for 5 must accompany each bid. R. D. Kin 1117 Van Nuys Bldg., Los Angele architect.

To Ask Bids Shortly.
ADDITION Cost, $23,0
WADSWORTH, Washoe Co., Nevad
Addition to existing high school buil ing (add heating system, etc.)
Owner — Wadsworth School Distri No. 11.
Architect—Not Given.
Bids will be asked shortly.

Construction To Start Shortly.
ADMINISTRATION BLDG. $45,0
ST. HELENA, Napa Co., Cal. Camp us of Pacific Union College.
Two-story frame and stucco admin istration building (classrooms, of fices, library).
Owner—Pacific Union College (W. Smith, President), St. Helena.
Plans by Engineering Dept. of Owner
Work will be done by day's labo under supervision of owner.

BIDS WANTED.
CARLOTTA, Humboldt Co., Cal.—Until April 8, 8 P. M., bids will b received by the Cuddeback Union Grammar School District, R. E. Da vis, Clerk, Carlotta, for furnishing one 30-passenger all-steel body school bus at a cost not to exceed $3,000.
Specifications obtainable from above office.

Preparing Preliminary Working Drawings.
SCHOOL Cost, $100,000
ARBUCKLE, Colusa Co., Calif.
New high school building.
Owner—Pierce Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Plans Completed.
SCHOOL, ETC. Cost, $—
NEWMAN, Stanislaus Co., Calif.
One - story frame and stucco school shop building.
Owner—Newman High School Dist.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans have been forwarded to Sacramento for approval.

BOND ELECTION
San Rafael School District will vote on April 8, on a proposal to issue vot on April 8, on a proposal to issue bonds in the amount of $50,000, proceeds to finance construction of a new grammar school in San Rafael.
Preliminary plans have been prepared by Architect N. W. Sexton, de Young Bldg., San Francisco.

BIDS WANTED.
LOS ANGELES, Cal.—Until Apr. 10 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 San Pedro St., for reconstruction, strengthening and rehabilitation of the main building (less 1926 portion) at the 97th St. school, 400 West 97th St. Plans and specifications may be obtained at 1425 San Pedro St. upon deposit of $25.00. Estimated cost, $45,000. Paul C. Pape, architect; David H. Merrill, structural engineer.

LOW BIDDERS.

LOS ANGELES, Cal.—E. H. Whitlaker and W. L. Snook, 124 E. Arrellaga St., Santa Barbara, submitted low general contract bid to the Pasadena board of education at $185,800 for altering and strengthening the Jane Addams and Louis Agassiz buildings at the Pasadena junior college site. Low bidders on other contracts were: Kenneth Fraser, 1452 N. Lake Ave., Pasadena, heating and ventilating at $7300, and plumbing $13,010; H. H. Hubbard, 1552 N. Los Robles Ave., Pasadena, electric wiring, $13,385.89. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect.

Bids Opened.

SCHOOL Cost, $40,000

CONCORD, Contra Costa Co., Calif.

Two - story reinforced concrete high school (ten classrooms) tile roof, steam heating system, probably concrete floors.

Owner—Mt. Diablo Union High School District (Miss Bertha Romaine, Principal).

Architect—W. H. Weeks, 525 Market St., San Francisco.

Complete bids follow:

Cement

Concord Mercantile Co., Concord, $2.69 per barrel.

Russi & Sonner, Concord, $2.69 per barrel.

Concord Ice & Fuel Co., Concord, $3,360 (furnishing 1200 bbls.)

Diamond Match Co., $2.89 per barrel ($3,468 furnishing 1200 barrels).

Sand and Gravel

Concord Mercantile Co., Concord, $2.10 per ton (sand); $2.25 per ton (gravel).

Concord Ice & Fuel Co., Concord, $2.20 per ton (sand) $2.35 per ton (gravel); total $3,017.

A. A. McMahon, Martinez, $1.70 per ton (sand) $1.85 (gravel); total $2,300.

Reinforcing Steel

Identical bids at $3,229.56 for reinforcing bars, $18.80 (wire) $33.49 for accessories, $150.52 (mesh) were submitted by the following:

*W. S. Wetenhall, San Francisco.

Pacific Coast Steel Corp., San Francisco.

*Gunn, Carle & Co., San Francisco.

*Truscon Steel Co., San Francisco.

Concrete Engineering Co., S. F.

Soule Steel Co., San Francisco.

Steel Forms

Soule Steel Co., S. F.	$902.00
Steelform Contr. Co., S. F.	928.00

Lumber

Diamond Match Co.	$2,705.89
*E. K. Wood Lbr. Co. Oakland	2,771.58
Concord Lumber Co.	2,322.68

Mill Work

Diamond Match Co., $2,275 (add sales tax);

Tilden Lumber & Mill Co., Oakland, $2,754 (includes tax);

*Lannom Bros. Mfg. Co., Oakland, $2-760 (includes tax);

Pacific Mfg. Co., Santa Clara, $2,-791 (includes tax);

Concord Lumber Co., Concord, $2,-818 (add sales tax);

*E. K. Wood Lumber Co., Oakland, $2,847.22 (add sales tax);

Davis Hardwood Co., San Francisco, $2,095.00 (add sales tax);

Plumbing

W. E. Mauzie, Walnut Creek, $1,683; (includes tax);

James H. Pinkerton Co., San Francisco, $1,913 (materials only); $2,-349 (includes installation);

*Walworth Company of California, S. F., submitted bid which was not totaled.

Glass

Cobbledick-Kibbe Glass Co. San Francisco, $525 (add sales tax);

W. P. Fuller & Co., San Francisco, $538.15 (includes tax).

Roofing Materials

*El Rey Products Co., San Francisco, $167.95 (composition materials);

Wm. J. Anderson, San Francisco, $393 (tile materials);

Martinez Sheet Metal Works, Martinez $291.90 (composition materials), $428.53 (tile materials);

Guy Tyler & Sons, Berkeley, $789.00 (complete).

Ornamental and Miscellaneous Iron

Anchor Post Fence Co., S. F.	$306.00
Arkne Iron Works, S. F.	395.00
Schrader Iron Works, S. F.	448.00
Industrial Orna. Iron & Bronze Co., San Francisco	486.50
Oakland Orn. Iron Works, Oakland	615.00
Western Iron and Body Works, Emeryville	668.90
F. Kern & Sons, S. F.	698.00
Independent Iron Works, Oakland	1,164.00

Patent Window Hardware

Dalmo Sales Co., S. F.	$660.00
(Simplex casement fasteners	100.00
Universal Window Co., Berkeley	699.00

Steam Fittings

T. F. Kennedy, Martinez	$3,172
(oil burner) add	225
Geo. C. Bell, Oakland	3,572
(oil burner) add	437
Knittle Bros., S. F.	3,935
(oil burner)	4,090

Jas. H. Pinkerton, San Francisco, $3,-500 (materials only); $3,988 (installed);

Pacific Heating & Vent. Co., Oakland, $4,061 (includes installation) (oil burner) add $455.

Scott Co., San Francisco, bid $5,068 for heating, plumbing and sheet metal work with an alternate addition of $195 for oil burner.

Electrical Work

NePage McKenny, S. F.	$1,697.00
California Elec. Co., Ltd	1,835.00
Concord Electric Shop	1,862.37
Scott Buttner Co., Concord	1,896.00

Sheet Metal

Martinez Sheet Metal Works, Martinez	$325.26
Dickson & Holbrook	440.00

*Failed to enclose certified check.

Bids held under advisement until March 25.

Contracts Awarded.

SCHOOL Cost, $55,000

HEALDSBURG, Sonoma County Cal. Luce Estate Property (6.3 acres).

One-story frame and stucco grammar school (13 classrooms, auditorium to seat 600) composition and some tile roofing, steam heating plant.

Owner—Healdsburg Elementary School District.

Architect—John I. Easterly, 302 Grant St., Healdsburg.

Contractor—John Hachman, P. O. Box 206, Stockton.

Clocks and Signal System — International Business Machine Corp., 529 Market St., S. F., $1890.

Window hardware bids still under advisement.

APPROVED.

ALBANY, Alameda Co., Calif. Albany School District has approved a special tax levy to raise approximately $17,000 annually for a period of five years for new school building.

Funds will be used with PWA grant to complete high school wing, partially constructed; replacement of obsolete building at Garfield and Pomona Aves., and new building on Key Route boulevard site.

Dragon and Schmidts, 2068 Allston Way, Berkeley, architects.

CONTRACT AWARDED.

LOS ANGELES, Cal.—W. W. Petley and C. Matcham, Mills - Fraser Bldg., Santa Monica, awarded a contract by Los Angeles board of education at $83,299, for construction of new buildings "A" and "B" at the Alta Loma school, 1745 Vineyard Ave. Petley and Matcham submitted the following subcontract bids with their general bid: E. B. Hageman, brick and incinerator, $870, Newbery Elec. Co., electric wiring, $2721, H. Wasserman, painting, $1885; American Seating Co., blackboards, $783; O. Peel, metal lath and plaster, $10,490; Atlas Sheet Metal Works, sheet metal, $610 Allan Black & Son, plumbing, $5820, American Engineers and Contractors, heating and ventilating, $5292. Chas. M. Hutchison, architect, and Edward R. Bowen, 1132 Central Bldg., structural engineer.

Contract Awarded.

JUNIOR HIGH SCHOOL

Cont. Price, $565,565

SAN FRANCISCO, Fillmore Street between Bay and Chestnut Streets Marina Junior High School).

Three - story reinforced concrete academic building (28 classrooms; 15 special rooms; two choral rooms) steel frame gymnasium, tar and gravel roof, steam heating system wood and linoleum floors, wood & steel sash, wood trim.

Owner—City and County of San Francisco.

Architects—George Kelham, 315 Montgomery Street; W. P. Day, Financial Center Building.

Mechanical Engineer—Leland & Haley 58 Sutter Street.

Contractor—MacDonald & Kahn, Financial Center Bldg.

Contract awarded for general work including the mechanical and electrical work.

Following sub - contracts submitted with MacDonald's and Kahn's bid:

Miscellaneous Iron—Fair Mfg. Co., 617 Bryant St., $8,480.

Rubber Mats—D. N. & E. Walter Co., 562 Mission St., $542.21.

Steel Sash—Truscon Steel Co., 604 Mission St., $4,791.00.

Lockers—Alta Electric & Mechanical Co., 467 O'Farrell St., $11,764.

Tile—Art Tile & Mantel, 221 Oak St., $24,200.

Safety Treads—D. A. Pancoast, 26 O'Farrell St., $1,456.

Linoleum—Van Fleet Freear Co., 557 Howard St., $14,138.

Lighting Fixtures—Thomas Day Co., 51 Shipley St., $333.00.

Fence—Anchor Post Fence Co., 460 Fifth St., $1,848.93.

Structural Steel — McClintic Marshall Corp., 20th and Illinois Sts., $32,-750.00.

Masonry—Reed & Reed, Hearst Bldg., $3,459.00.

Window Screens — Chamberlin Metal Weatherstrip Co., 895 Post St., $528.00.

Weatherstrips — Chamberlin Metal Weatherstrip Co., $69.00.

Vault—Munthe Equip. Co., 7 Front St., $125.00.

Blackboards—Rucker Fuller Co., 539 Market St., $5549.75.

Painting—American Building Maintenance Co., 467 O'Farrell St., $8,-888.

Terra Cotta—Gladding, McBean Co., 660 Market St., $2780.

Electrical Work — Radelfinger Bros., 544 Natoma St., $29,026.

Mechanical—Alta Electric & Mechanical Co., 467 O'Farrell St., $94,000.

Glass—W. P. Fuller & Co., 301 Mission St., $5304.

Terrazzo—Pacific Terrazzo Co., 2144 Lombard St., $290.

Marble—Clervi Marble Co., 1731 San Bruno Ave., $5050.

Plastering—M. J. King, 2343 Bay St., $46,730.

Hollow Metal—Price Building Specialties Co., 683 Howard, $2384.

Roofing—Malott & Peterson, 3221 20th St., $2650.

Sheet Metal—Morrison & Co., 74 Duboce Ave., $2848.

Sash Hardware—Dalmo Sales Co., 511 Harrison St., $2250.
Hardwood Floors — Acme Floor Co., 1051 Mission St., $2464.
Rolling Partitions—Chas. Christensen, 557 Market St., $1909.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., $18,264.
Telkee—Trask & Squires, 39 Natoma St., $581.
Paving — Eaton & Smith, 715 Ocean Ave., $4685.
Elevators—San Francisco Elevator Co. Inc., 860 Folsom St., $3292.
Hardware—Palace Hardware Co., 581 Market St., $12,491.
Shades and Picture Screen — A. J Ruhiman Co., 444 Golden Gate Ave., $1192.83.

BIDS WANTED.
FRESNO, Fresno Co., Calif.—Until April 11, 5 P. M., bids will be received by L. L. Smith, Secretary, Fresno City High School District, for furnishing supplies and equipment for the school district as per plans and specifications prepared by L. L. Smith.
Specifications may be obtained from the above office.

COMMISSIONED TO PREPARE PLANS
SANTA MARIA, Santa Barbara Co., Cal.—Architect E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, has been commissioned by the Santa Maria Union High School District to prepare plans for a new Junior College plant to be erected in Santa Maria. The district will spend approximately $20,000 on the first unit.

BIDS WANTED.
LOS ANGELES, Cal.—Until April 9, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the two-story brick main and auditorium bldg. and the one-story brick shop bldg. at the John Burroughs junior high school 600 S. McCadden Place. The work will consist of rebuilding brick walls, adding new brick facing, anchors, encasing columns with gunite, reconstructing roofs, etc. Arthur R. Hutchason, 1001 Architects Bldg., architect, and R. McC. Beanfield, 615 Chamber of Commerce Bldg., structural engineer. Cost, $169,761.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $7,600
SAN FRANCISCO, 735 Battery St.
Alterations to loft building.
Owner—Lizzie S. Mastick, % contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street.

Additional Sub-Contracts Awarded.
OFFICE BLDG. Cont. Price, $7,676
SANTA ROSA, Sonoma Co., Cal. Fifth and Humboldt Streets.
One - story reinforced concrete office building (60x138 feet).
Owner—Sonoma County Farmers Mutual Insurance Co. (Geo. S. Crane, Secretary).
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.
Furnace—Kindig Sheet Metal & Radiator Works, 619 2nd Street, Santa Rosa.
Heating System—Webb and Bowman, Third and Main Sts., Santa Rosa.
Sheet Metal—Gust Malm, 876 Sonoma Ave., Santa Rosa.
Painting—C. W. Sullberg, Route 1, Box 19, Windsor.
Other awards reported March 11.

BIDS WANTED
OAKLAND, Alameda Co., Cal.—Until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. L.S. 140, for a heating and ventilating system for the general office building at 512 16th St.
Specifications obtainable from above office. Each bid must be accompanied by a $100 deposit.

To Be Done By Day's Work.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. Shattuck Ave. and Center St.
Alterations to sixth floor of office building.
Owner—American Trust Co., Premises (Mr. Williams in charge).
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Construction will be handled under the supervision of Mr. Williams.

Planned.
ADDITIONS Cos, $——
NAPA, Napa Co., Cal. No. 1116 First Street.
Alterations and additions to department store (new lighting system, painting, decorating, linoleum floor covering ,pneumatic tube system, display cases, etc.)
Owner — Albert's Department Store, (Harry Gross, Proprietor), 1116 First St., Napa.
Architect—Not Given.

Planned.
ALTER STORE Cost, $2000
SANTA CRUZ, Santa Cruz Co., Cal. Pacific Avenue.
Alterations to store (new front, etc.)
Owner—Wilson Bros., Santa Cruz.
Architect—Not Given.

Contract Awarded.
ADDITION Cost, $2500
OAKLAND, Alameda Co., Cal. No. 741 E-11th Street.
Addition to store building.
Owner—Miller Floor Furnace Co., 741 E-14th St., Oakland.
Architect—Not Given.
Contractor — Ernest W. Urch, 1924 50th Ave., Oakland.

PROJECT APPROVED
OAKLAND, Alameda Co., Cal.—SERA has approved a supplemental appropriation of $1538 for the continuation of the rehabilitation of the Interior Administration Building, North Industrial Area, Port of Oakland. J. G. Bastow, Asst, Engineer of the Bd. of Port Commissioners will supervise the project which will employ one timekeeper and 10 laborers.

Contract Awarded.
STORE Cont. Price, $8133
SALINAS, Monterey Co., Cal.
One-story reinforced concrete store building (composition roofing, wood and concrete floors, wood trusses).
Owner—A. Balich.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Lessee—Safeway Stores.
Contractor—Albert Staton, 234 Congress Ave., Pacific Grove.
Complete bids follow:
Albert Staton, Pacific Grove.....$8133
H. C. Geyer, Monterey..... 8292
T. H. Rosewall, Watsonville..... 8504
H. E. Carlson, Watsonville..... 9000
P. T. Wallstrum, Watsonville..... 9180
Coolidge & Hughes, Salinas..... [illegible]

Contracts Awarded.
ALTER. BLDG. Cost, $20,000
SAN FRANCISCO, 25 Battery Street.
Alterations to three-story, basement and mezzanine floor of Class C brick structure.
Owner — International Business Machines Corp., 529 Market St. (Gordon Packard, district manager).
Architect—Carl Gelfuss, 1095 Market St., San Francisco.
Contractor—Peter Sartorio, 660 Mission St., San Francisco.
Plumbing—O'Mara & Stewart, Ltd., 218 Clara St.
Heating — W. V. Koch, 1808 Market Street.
Electric — H. S. Tittle, 85 Columbia Square.
Elevator Changes—Otis Elevator Co., 1 Beach St.
Lighting Fixtures—Boyd Lighting Fixture Co., 278 Post St.

Contract Awarded.
ALTERATIONS Cost, $4,673
SAN FRANCISCO, 445 Sutter Street.
Alterations to first floor of offices.
Owner—Pacific Gas and Electric Co., 245 Market Street.
Plans by Engineering Dept. of Owner.
Contractor—Ostlund & Johnson, 1901 Bryant Street.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO, 158 Geary Street.
Alterations to store building.
Owner—Grant Bros., 2390 Mission St.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

To Be Done By Day's Work.
ALTERATIONS Cost, $——
SAN FRANCISCO, 1268 Folsom St.
Alterations to factory and offices.
Owner—W. J. Simpson.
Architect—Not Given.
Lessee—World Importers, Inc.
Work will start in about one week.

Preparing Working Drawings.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devlne, California State Life Bldg., Sacramento.

Contracts To Be Awarded Shortly
ALTER STORE Cost, $——
EUREKA, Humboldt Co., Calif. Fifth and G Streets.
Alterations to ground floor, baaement and mezzanine of bldg. for store.
Owner—Humboldt Lodge No. 79, F & A. M.
Lessee—J. C. Penney Company.
Plans by Engineering Dept. of Lessee.

Being Drne By Day's Work.
STORES Cost, $10,000
OAKLAND, Alameda Co., Calif. 894-96-98 Grand Avenue.
One - story reinforced concrete store (65x50-ft.) glazed tile front, etc.
Owner—Wm. Greuner, Jr., 188 Grand Ave., Oakland.
Architect—R. A. Hutchison, 3483 Andover St., Oakland.
Concrete wall forms poured.

Plans Being Prepared.
BAR AND COCKTAIL ROOM Cost, $20,000
SAN FRANCISCO. Sutter and Powell Streets.
Bar and cocktail room in Arcade of hotel (painting, decorating, bar work, etc.)
Owner—Sir Francis Drake Hotel.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Bar Work—Weber Showcase Co., 910 Howard St., San Francisco.

Contracts Awarded.
ALTERATIONS Cost, $5000
DUNSMUIR, Siskiyou Co., Cal.
Alterations to bank building (work involves new lighting and ventilating system, add two additional rooms, decorating, electrical work, plastering, plumbing, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Department of Owner, 625 Market St., S. F.
Mgr. of Constr.—A. Langfelder, 625 Market St., San Francisco.
Lumber—Diamond Match Co., Dunsmuir.
Plastering—Phil Green, Dunsmuir.
Mill Work—Wilkins Bros., Dunsmuir.
Electric—Shasta Electric Co., Dunsmuir.
Materials—J. R. Ehereman Co., Dunsmuir.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 260 Montgomery.
Alterations to store and offices.
Owner—John Barneson, % contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market Street.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif. SE Broadway and Thirteenth St.
Two - story steel and concrete office building (to contain 45,000 sq. ft. of floor space).
Owner—Charles Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent—Lionel Wachs Company, Bank of America Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.
Reinforcing Steel—Herrick Iron W'ks, 18th and Campbell Sts., Oakland.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.
As previously reported, wrecking awarded to Symon Brothers Wrecking Co., 22nd Ave. and E 14th St., Oakland; structural steel to Herrick Iron Works, 18th and Campbell Sts., Oakland.

Contracts Awarded.
IMPROVEMENTS Cost, $——
OAKLAND, Alameda Co., Calif. Oakland Auditorium.
Fitting up auditorium for Spring Garden Show (electrical work, etc.)
Owner—California Spring Garden Show, 414 13th St., Oakland.
Architect—Not Given.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Brick Work—W. H. Wisheropp, 2749 Quigley St., Oakland.

Contract Awarded.
MARKET Cost, $35,000
LODI, San Joaquin Co., Calif. NW West Pine and Church Streets.
One-story reinforced concrete market (52x106 ft.) steel trusses, concrete floors, some brick work, electrical refrigeration, etc.
Owner—John C. Palent, Capital City Title Co., 914 7th St., Sacramento.
Architect—Not Given.
Contractor—M. Reagh, premises.

Contracts Awarded.
BANK BUILDING Cost, $——
SANTA BARBARA, Santa Barbara Co., Calif. NE State Street and Canon Presidio.
One-story, basement and mezzanine floor reinforced concrete bank bldg. (62x125 ft.) limestone, terra cotta and granite exterior, tile and composition roof; metal windows, hot air gas furnaces; marble or terrazzo floors, bronze and marble counter screens, some linoleum and rubber tile floors, bank fixtures, etc.
Owner—Bank of America.
Plans by Architectural Dept. of Owner, 625 Market St., San Francisco.
Contractor—H. H. Larsen, 629 Bryant St., San Francisco.
Exterior Stone and Granite—California Cut Stone Co., Railroad and Magnolia Aves., South San Francisco.

Preparing Working Drawings.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 1055 Market St.
Alterations to store for market (new front, terrazzo floors, refrigeration, etc.)
Owner—Withheld.
Architect—Frederick Reimers, 233 Post Street.
Bids will be asked shortly.

17— THEATRES

Sub-Contracts Awardd.
ALTER THEATRE Cost, $40,000
SAN FRANCISCO. Twenty - second and Mission Streets.
Alterations to theatre (work involves re-decorating, new steam heating equipment, new seating, new carpets and drapes, new mezzanine lounge, new toilet, enlarge foyer).
Owner—Golden State Theatre Co., 25 Taylor Street.
Architect—F. F. Amandes, 1879 18th Street.
Contractor—Alf. J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Structural Steel—Schrader Iron W'ks. 1247 Harrison Street.
Plumbing—I. D. Chatbourne, 424 Dewey Street.
Heating and Ventilating—Aladdin Htg. Co., 5107 Broadway, Oakland.
(6213) 1st report Feb. 28; 2nd, March

Planned.
ALTERATIONS Cost, $2,000
SANTA CRUZ, Santa Cruz Co., Calif. Pacific Avenue.
Alterations and additions to theatre (new front, painting, decorating).
Owner—New Santa Cruz Theatre (Wilson Bros.) Santa Cruz.
Architect—Not Given.

March 18, 1925

Contract Awarded.
ALTER THEATRE Cost, $6000
NORTH SACRAMENTO, Cal
Alterations to Del Pasto Theatre (new lobby, new fixtures, tile walls, mahogany doors, electrical work, etc.)
Owner—Del Paso Theatre.
Architect—Not Given.
Contractor—A. E. Erickson, 212 Orange Ave., North Sacramento.
Electric—E. M. Miller, 1911 Del Paso Blvd., Sacramento.
Plumbing—A. W. Sweet, 112 W Bassettlaw Ave., North Sacramento.
Tile—Sacramento Tile & Marble Co., Sacramento.

Sub-Contracts Awarded.
ALTER THEATRE Cost, $40,000
SAN FRANCISCO. Twenty - second and Mission Streets.
Alterations to theatre (work involves re-decorating, new steam heating equipment, new seating, new carpets and drapes, new mezzanine lounge, new toilet, enlarge foyer).
Owner—Golden State Theatre Co., 25 Taylor Street.
Architect—F. F. Amandes, 1879 18th Avenue.
Contractor—Alf. J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Plumbing—I. D. Chadbourne, 424 Dewey Street.
Heating—Jas. A. Nelson Co., Tenth and Howard Streets.
Furnace—James A. Nelson Co., Tenth and Howard Streets.
Concrete—Readymix Conc. Co., Carolina and Mariposa Streets.
Reinforcing Steel—Truscon Steel Co., 604 Mission Street.
Structural Steel—Schrader Iron W'ks, 1247 Harrison Street.
Lumber—Acme Lumber Co., Sixth and Channel Streets.
Hardware—Marshall - Newell Supply Co., Spear and Mission Streets.

18—WHARVES & DOCKS

BIDS WANTED
LOS ANGELES, Cal.—Until March 27, 10 A. M., bids will be received by general manager of the Los Angeles harbor department, 112 City Hall, Los Angeles, for concrete floor and bituminous surfacing in transit shed extension at Berth 177, Los Angeles Harbor; Specification No. 935. Bids will be taken as follows:
(1) 10,000 square feet reinforced concrete base floor slab, approximately 6 inches in thickness;
(2) 90 square feet cement topping wearing surface, approx. 1½-in. thickness;
(3) 173 tons asphaltic concrete wearing surface, 1½ and 2½ inches thick;
(4) Alternate of item No. 8, using diatomaceous earth.
Bidding data may be obtained from the harbor engineer, Branch City Hall, San Pedro. Certified check or bond for 10% required. Arthur Eldridge, general manager.

Plans Being Figured—Bids Close April 8, 9:30 A. M.
WHARF Cost, $125,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across piers 44 and 46, (600x60 feet), reinforced concrete deck on concrete jacketed piles.
Owner — State of California (Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Plans and specifications will be available the latter part of the week upon deposit of $20.

Project Approved.
REPAIRS Cost, $——
OAKLAND, Alameda Co., Calif. Clay Street Pier.
Repairs to piles at Clay St. pier.
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner. Port Commission will purchase materials estimated to cost $2,580. SERA has approved appropriation of $16,420 for labor.

19—MISC. CONSTRUCTION

BIDS WANTED
SANTA BARBARA, Cal. — Until March 27, 3:00 P. M., bids will be received by the Santa Barbara Board of Education, 1226 Chapala St., Santa Barbara, for furnishing and installing public address and program service equipment at the Santa Barbara High School in accordance with specifications on file at the office of the board. Certified or cashier's check or bond for 5 per cent must accompany each bid. Orla Neal Reynard, Clerk.

CONTRACT AWARDED.
BOULDER CANYON, Nevada.—Otis Elevator Co., 1 Beach St., San Francisco, at $95,577 (Items 1 and 2) based on Government bill of lading, awarded contract by the Bureau of Reclamation, Dnever, Colo., under Spec. No. 612, for furnishing and installing two

4,000-lb. capacity and two 5,0000-lb. capacity automatic electrically - operated passenger elevators, with total lifts of 117.5 feet and 528.33 feet, respectively, in the Boulder Dam and Power Plant, Boulder Canyon Project.

Additional Sub-Contracts Awarded.

IMPROVE TRACK
Cost, Approx. $75,000
SAN BRUNO, San Mateo Co., Calif. Tanforan Race Track.
Improvements and addition to Tanforan race track (move back grandstand, etc.)
Owner—Pacific Coast Breeders Association (J. Marchbank).
Architect—Not Given.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Roofing—C. L. Frost, 3159 El Camino Real, Palo Alto.
Elevator—Otis Elevator Co., 1 Beach St., San Francisco.
Vault Doors—Hermann Safe Co., Main and Howard Sts., San Francisco.
Mill Work—National Mill Co., 230 California St., San Francisco.
Hardwood Floors—Royal Floor Co., 7th and Brannan Sts., San Francisco.
Stairs—J. diCristina, 3150 18th Street, San Francisco.
Painting—A.B.C. Painting Co., 340 Guttenberg St., San Francisco.
Tile—Art Tile & Mantel Co. 221 Oak St., San Francisco.
Other awards reported Feb. 13.

COMPLETING PLANS

OCEANSIDE, San Diego Co., Cal. —Architect Wm. Dodge, California Bank Bldg., San Diego, and Architect Virgil Westbrook, San Clemente, are completing plans for a municipal plunge and natatorium to be constructed in Oceanside. PWA has formally approved a loan and grant totaling $63,500 to finance the project.

BIDS WANTED

EARP, Cal.—Until March 26, 10 A. M., bids will be received by Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing and erecting complete one air cooling system at each of Division Headquarters Nos. 1, 2 and 3 of the Colorado River aqueduct. Division Headquarters No. 1 is located approximately 15 miles northeast of Earp; No. 2 approximately 17 miles northwest of Rice, Calif., and No. 3 approximately ten miles north of Desert Center, Calif. Specifications may be obtained at Rm. 1007, 306 W. 3rd St., Los Angeles, upon payment of $2. Each proposal must be accompanied by a certified or a cashier's check in the amount of $500.

NOTICE OF SALE

SAN FRANCISCO—Joseph J. Phillips, Director of Property, City Hall, will sell at public auction on April 7, 9 A. M., to the highest cash bidder, the city owned buildings located at the following addresses:

Store and flats at 697-699 Vermont St., and 2130 19th Street.

Building at 2122 19th St. and adjoining garage.

Buildings will be sold individually.

ESITMATE PREPARED.

NAPA, Napa Co., Calif.—George B Scheer, consulting engineer, has filed a report with the city council estimating cost of acquiring or constructing municipal electric power plant and distributing system at $340,000. The cost of a four-unit diesel generating plant of 1600-kw. capacity is placed at $181,948, and a five-unit diesel plant of 2000-kw. capacity at $223,858. Acquisition or construtcion of distributing system would involve additional expenditure.

The council will forward the report to the City Advisory Board for study.

CONTRACT AWARDED

LOS ANGELES, Cal.—Hoagland Engineering & Construction Co., 259 Granada Ave., Long Beach, awarded contract for the construction of a concrete fire wall in the vicinity of Berth 163, Los Angeles Harbor, for the Fletcher Oil Co. Cost $16,000.

Plans Completed.

HANGAR Cost, $110,000
SPOKANE, Washington Felts Field. Brick and steel hangar (brick and steel construction) 120x200 feet.
Owner—City of Spokane.
Architect—Committee of Spokane Society of Architects, Spokane.
Federal aid will be asked.

BIDS WANTED

PORTLAND, Oregon—Until March 29, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams, District Engineer, under Bid No. 698-35-511, for constructing one 26-ft. x 82-ft. wooden quarterboat and delivering afloat at the U. S. Government Moorings, No. 8010 N. W. St. Helens Road, Portland.

Plans and specifications obtainable from the above office upon deposit of U. S. money order or certified check payable to "The Disbursing Officer, U. S. Engineer Office, 306 Customhouse, Portland."

SURVEY ORDERED

SUSANVILLE, Lassen Co., Cal. — City Council has authorized City Engineer Harry S. Riddell to obtain data on cost of constructing municipal power and water plant.

BIDS OPENED.

ALAMEDA COUNTY, Cal.—Following are the high bids received by John H. Skeggs, District Engineer, Department of Public Works, Division of Highways, 500 Sansome St., San Francisco, for the sale of various buildings located in Oakland and Emeryville:

Item (B-158)—3622 Peralta St.; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Separate garage is not included in this sale.
P. Delucci, $505.

(B-159A)—3624 Peralta Street; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Garage 160 sq. ft. Shed 64 sq. ft.
Leonard del Pierre, $651.

(B-159B)—3626 Peralta Street; five-room, frame stucco dwelling, with 1,140 sq. ft. floor space. Garage 160 sq. ft. Shed 128 sq. ft. Shed 30 sq. ft.
Leonard del Pierre, $626.

(B-160)—3639 Adeline Street; three-story twelve-room, wood frame rustic dwelling with 5630 sq. ft. floor space. Garage 240 sq. ft. Shed 180 sq ft. Shed 36 sq. ft.
B. A. Howkins & Co., $125.

(B-165)—1037 38th Street; four-room frame dwelling with 637 sq. ft. floor space. Shed 80 sq. ft.
B. A. Howkins & Co., $50.

(B-166)—1031 38th Street; six-room frame dwelling with 966 sq. ft. floor space. Shed 90 sq. ft. Available Apr. 1. 1935.
E. Musso, $350.

(B-170)—1015 38th Street; six-room frame dwelling with 990 sq. ft. floor space. Garage and shed are not included in this sale. Available April 1
B. A. Howkins & Co., $75.

(B-172)—1009 38th Street; five-room frame dwelling with 945 sq. ft. floor space. Shed is not included in this sale. Available April 1.
B. A. Howkins & Co., $75.

(B-173)—1001 38th Street; five-room frame dwelling with 1060 sq. ft. floor space. Shed 80 sq. ft. A separate garage not included in this sale. Available May 1.
Anna Pedemonte, $525.

(B-174)—3746 Linden Street; 6-room frame and stucco dwelling with 135 sq. ft. floor space. Available May 1.
A. Balangero, $937.50.

(B-187)—915 38th St.; 5-room frame dwelling with 1075 sq. ft. floor space A separate garage is not included in this sale. Available May 1.
K. B. Pineo, $665.

(Moss-3)—893 38th Street; six-room 2-story frame, shingle exterior dwelling with 1632 sq. ft. floor space. Garage 160 sq. ft. Available April 1.
B. A. Howkins & Co., $75.

(Moss-4)—889 38th St.; six-room 2 story frame, shingle exterior dwelling with 1512 sq. ft. floor space. Garage 240 sq. ft. Available April 1.
B. A. Howkins & Co., $75.

(Moss-19A)—813-815 38th St.; nine room two-story frame and rustic flats with 1800 sq. ft. floor space. Garage 270 sq. ft. Available April 1.
C. F. Roberts, $87.

(Moss-19B)—3745 West St.; 2-story rustic combination store and flat bldg Store has four rooms with 1080 sq. ft floor space. Upper flat has four rooms with 1176 sq. ft. floor space. Available April 1.
C. F. Roberts, $93.

(Moss-20)—3741 West Street; three-room, frame and rustic dwelling with 440 sq. ft. floor space. Shed 108 sq. ft. Separate garages are not included in this sale. Available April 1.
Symon Bros., $25 and B. A. Howkins & Co., $25.

(Moss-32A)—679 38th Street; six-room and basement frame and rustic dwelling with 800 sq. ft. floor space. Available April 1.
B. A. Howkins & Co., $30.

(Moss-32B)—673 38th St.; four bungalow court apartments of three rooms each with total of 1440 sq. ft. of floor space. Right reserved to use sufficient material from present front wall to construct new front wall of remaining stucture. Available April 1.
Symon Brothers, $80.

(Moss-32C)—669 38th Street; four bungalow court apartments of three rooms each with total of 1440 sq. ft. floor space. Right reserved to use material from present front wall to construct new front wall on remaining structure. Available April 1.
Symon Brothers, $80.

(Moss-38)—625 38th Street; six-room frame and rustic two-story dwelling with 1892 sq. ft. of floor space. Detached garage and shed are not included in this sale. Available May 1.
Symon Bros., $50; and B. A. Howkins & Co., $50.

(Moss-45)—589 38th Street; five-room and basement frame stucco dwelling with 920 sq. ft. floor space. Available May 1.
B. A. Howkins & Co., $75.

(Moss-61)—496-498 Moss Ave.; ten-room two-story wood frame and rustic flats with 1680 sq. ft. floor space. Available April 1.
B. A. Howkins & Co., $75.

(Moss-63)—492-494 Moss Ave.; ten-room, two-story, wood frame and rustic flats with 1680 sq. ft. floor space. Garage 280 sq. ft. Available June 1.
B. A. Howkins & Co., $75.

(Moss-75)—461 Moss Avenue; eight-room 2-story frame and rustic dwelling with 1840 sq. ft. floor space. Garage 260 sq. ft. Available May 1.
B. A. Howkins & Co., $85.

(Moss-81)—439 Moss Avenue; eight-room, 2-story frame and rustic dwelling with 2300 sq. ft. floor space. Available April 1.
C. F. Roberts, $57.

(Moss-86)—421 Moss Avenue; eight room, 2-story frame and rustic dwelling with 2170 sq. ft. floor space. Shed 370 sq. ft. Available April 1.
C. F. Roberts, $61.

(Moss-89)—409 Moss Avenue; eight room, 2-story frame and rustic dwelling with 1920 sq. ft. floor space. Detached garage and shed not included in this sale. Available May 1.
C. F. Roberts, $61.

(Moss-90)—405 Moss Avenue; eight-room, 2-story frame and rustic dwelling with 1920 square feet floor space. Detached garage not included in this sale. Available April 1.
C. F. Roberts, $61.

(A-206)—1645 24th Street; four-room frame and rustic dwelling with 770 sq. ft. floor space. Available April 1.
R. M. Winkenbach, $30.60.

(A-207)—1637 34th St.; seven-room two-story frame and rustic dwelling with 1760 sq. ft. floor space. Available April 1.
C. F. Roberts, $47.

(A208)—1631-33 34th St.; eight-room two-story frame and rustic flats with 1600 sq. ft. floor space. Available Apr. 1st.
C. F. Roberts, $53.

(A-210)—3260 Beach St.; six-room and basement frame and rustic dwelling with 1150 sq. ft. floor space. Shed 288 sq. ft. Available May 1.
B. A. Howkins & Co., $25.

(A-215)—3242 Beach Street; eight-room 2-story frame and rustic dwelling with 1400 sq. ft. floor space. Shed 210 sq. ft. Available May 1.
B. A. Howkins & Co., $50.

(A-222)—1632 32nd St.; 5-room and basement, frame and rustic dwelling with 1210 sq. ft. floor space. Shed 40 sq. ft. Available April 1.
B. A. Howkins & Co., $45.

(A-223)—1636 32nd St.; five-room & basement frame and rustic dwelling with 700 sq. ft. floor space. Shed 200 sq. ft. Available May 1.
B. A. Howkins & Co., $20.

(A-267)—1394-96 11th St.; ten-room two-story frame and rustic flats with 2336 sq. ft. floor space. Garage 200 sq. ft. Available May 1.
B. A. Howkins & Co., $45.

(A-282)—822 Cypress St.; 6-room 2-story frame and rustic dwelling with 1760 sq. ft. floor space. Available May 1st.
B. A. Howkins & Co., $75.

(A-284)—1396-98 8th St.; 14-room 2-story frame and rustic flats with 3976 sq. ft. floor space. Available May 1.
C. F. Roberts & Co., $98.

All bids referred to the State Highway Commision, Sacramento, for approval.

26—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

SAN FRANCISCO.—Following bids received by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second St., San Francisco, under Contract No. 512, for furnishing:

(1) one desk;
(2) 20 desks;
(3) 21 chairs;
(4) 42 chairs: (a) with arm, (b) without arm.

Complete bids follow:

Walter Hall Furniture Co.: (1) $57.50; (2) $47.73; (3) $19.10; (4-a) $15.19; (4-b) $12.81; terms, ¼% ten days.

Rucker Fuller Co.: (1) $74.32; (2) $56.33; (3) $19.87; (4-a) $14.96; (4-b) $12.66; net.

Neal, Stratford & Kerr: (1) $86.69; (2) $42.28; (3) $22.32; (4-a) $15.35; (4-b) $12.97; net.

H. S. Crocker Co.: (1) $67.75; (2) $43.50; (3) $18.20; (4-a) $13.25; (4-b) $12.20; net.

Stevenson & Son: (1) $76; (2) $48 (2 alt.) $45.50; (3) $23.50; (4-a) $17.40 (4-b) $14.55, net.

Dorman Co.: (1) $72.80; (2) $57.20; (3) $19.70; (4-a) $15.30; (4-b) $13.40 net.

Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO.—Gunn, Carle & Co., 20 Potrero Ave., at $799.96 submitted low bid to Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second Street, San Francisco, under Contract No. 529, for furnishing 96 Venetian blinds for Government Island.

Complete bids follow:

Gunn, Carle & Co., San Francisco, $799.96, net.

D. N. & E. Walter Co., San Francisco, $899.38.

National Venetian Blind Co., Los Angeles, $908.10, 2% 10 days; 1% 20 days.

American Venetian Blind Co., San Francisco, $1,116.70, 2% 10 days.

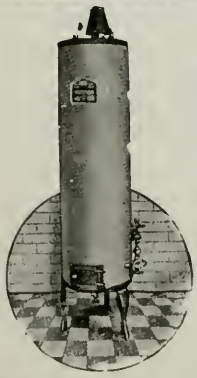
Higgins Awning & Linoleum Co., Oakland, $1,121.70.

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . . it is highly decorative . . . it is dampproof . . . . it economical.

GUNN, CARLE & CO.

20 Potrero Ave. UNderhill 5480 San Francisco



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until March 27, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for furnishing 70,000 gals. gasoline.

Specifications obtainable from above office.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until April 12, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 617, for furnishing and delivering f.o.b cars at the shipping point or f.o.b. cars at Boulder City, Nevada, four 4-motor cage-operated, overhead revolving cranes for installation in the intake towers at Boulder Dam, Boulder Canyon Project. The cranes will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation, Denver, Colo., or Washington, D. C., without charge to prospective bona fide bidders; to others, $1, not returnable.

BOULDER CITY, Nevada — Until April 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 620, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, twelve 86-in. diameter paradox emergency gates, complete with hoists, motors, limit switches, conduit linings and other appurtenances for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project. The gates will be installed by the Government.

Specifications obtainable from the Bureau of Reclamation at Denver, Colorado, or Washington, D. C., without charge to prospective bona fide bidders; to others, $2.50, not returnable.

Pioneers Home, Bldg., Alaska

SITKA, Alaska—Until April 4, 2 P. M., new bids will be received by Frank A. Boyle, Secretary, Pioneer's Home Building Commission, Juneau, Alaska, for laundry equipment for the Pioneer's Home at Sitka.

Specifications may be obtained from Heath, Gove & Bell, architects, Tacoma, Wash. Certified check or bid bond for 5% of amount of bid, required.

Bids previously received on March 15 rejected.

WAR DEPARTMENT

FORT MASON, San Francisco.—Until March 26, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-212 Req. No. QM 928-4047-35, Memo 6070, as follows:

(1) 2,000 l.f. band edge at rolled steel, ¾-in. wide;
(2) 27 pieces clear, first grade, ash lumber, 1¼x12-inch, average length 15 ft.;
(3) 5,020 ft. b.m. Douglas fir lumber;
(3) 32 ft. b.m. iron bark lumber;
(4) 272 ft. b.m. Redwood lumber, clear all-heart;
(5) 800 pounds wire nails;
(6) 200 ft. wrought iron pipe, welded, galvanized;
(7) 60 sheets steel, chromium-nickel alloy, cold rolled.

Specifications obtainable from above office.

BENICIA, Solano Co., Calif.—Until March 26, bids will be received by the Commanding Officer, Benicia Arsenal, under Circular 24, for furnishing: 1,030 quarts red paint, 2,400 gals. spar varnish, 1,700 lbs. metal polish, 2,960 quarts flint paper, 3,140 flowing brushes, 600 mottling brushes and 730 wire brushes.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until March 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm 270, City Hall, under Bid No. 1345, for furnishing Fir, Redwood and Spruce lumber for the term of April 15 to July 15, 1935.

Specificationa obtainable from above office.

OAKLAND CITY

OAKLAND, Alameda Co., Cal.—Until March 28, 8 to 9 P. M., bids will be received by the Oakland City Council for the rental of dump trucks for SERA curb work.

Specifications obtainable from the office of the City Clerk.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

ARC WELDING sets, electric; East and West Yards. Sch. 4556; March 26.
BRICK, fire; clay, cement, etc.; East and West Yards. Sch. 4445; Mar. 26;
NIBBLER machine, motor - driven sheet metal; Mare Island. Sch. 4516; March 29;
FITTINGS, malleable and cast iron pipe; East and West Yards. Sch. 4502; March 29;
GRINDING and polishing machine; Mare Island. Sch. 4524; March 29;
HACKSAW, motor-driven high speed; Mare Island. Sch. 4523; March 29;
COCKS, faucets and valves; East and West Yards. Sch. 4506; March 29;
CONTROLLERS, switches, hoists, spares and motors; Puget Sound. Sch. 4542; March 29;
PLATES, naval brass tube; East and West Yards; Sch. 4556; March 29;
TUBING, copper; 1,800 pounds; Puget Sound; 900 lbs. Mare Island. Sch. 4530; April 2;
TRUCK, motor, 1½-ton capacity; San Francisco. Sch. 4512. April 2;
PIPE, 13,750 ft. steel conduit pipe, galv., ½-in.; East or West Yards. Sch. 4546; April 5;
PIPE, 2,360 ft. brass; East or West Yards. Sch. 4547; April 5;
CLOTH, 2,000 lin. yds. 54-in. green momie cloth Mare Island. Sch. 4541; April 5;
STEEL, corrosion-resisting steel, sheet angle and strip; East and West Yards. Sch. 4540; April 5.

Information obtainable from above office and from the 12th Naval District, 100 Harrison St., San Francisco.

WAR DEPARTMENT

FT. MASON, San Francisco.—Until March 28, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-214, Req. No. QM 388-305-35, Memo 6106, for furnishing 1,600 ft. single conductor cable, No. CAW gauge, solid, 11/64-in. varnished cambric, 4/64-in. lead for 6600 volt street lighting circuit.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until April 1, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for hauling cement to the site of the work from railway stations in accordance with Spec. No. 92, for use in the construction of certain structures of the Colorado River aqueduct, between approximately six miles northwesterly from Earp, Calif., and approximately seven miles southwesterly from Freda Calif., on the A. T. & S. F. Ry. Bids will be received for hauling the cement required prior to Jan. 1, 1936, amounting to approximately 130,000 bbls., and also for hauling the entire amount required for the structures shown in the bidding sheets, amounting to approximately 342,000 barrels.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until Apr. 18 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing high voltage testing equipment, under Spec. No. 1639.

LOS ANGELES, Cal.—Until Mar. 25, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing and delivering in such quantities as may be ordered during a period of approximately three months beginning April 1, 1935, or with date of award of contract if subsequent thereto, and ending June 30, 1935, Portland cement in carload and/or truck load deliveries in accordance with Spec. No. 1643.

ADVERTISING
COSTS LESS
THAN WAITING
TO
ADVERTISE

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—E. S. & N. S. Johnson, 424 N Lake Ave., Pasadena, at $9154 awarded contract by the State Highway Commission, Sacramento, for constructing an extension to a reinforced concrete culvert in Los Angeles County near Cascades, about 4.25 miles northwest of San Fernando.

CONTRACT AWARDED.

HUMBOLDT COUNTY, Cal.—H. H. Anderson, Rio Dell, at $2,395 submitted low bid and awarded contract by the Humboldt County Board of Supervisors, March 12, for the construction of a reinforced concrete culvert and fill at Long Bridge near Bridgeville, in Road District No. 2, Humboldt Co.

Complete bids follow

H. A. Anderson, Rio Dell	$2,395.00
W. S. Selvage, Eureka	2,468.75
Smith Bros. Co., Eureka	2,519.00
Chris Winkler, Ferndale	2,850.00
F. J. Maurer & Son, Eureka	3,150.00
A. L. Boyer, Garberville	3,300.00

CONTEMPLATED.

LOS ANGELES COUNTY, Calif.—Grade separation projects costing approximately $30,026,000 are included in the inventory of the Los Angeles County work projects to be submitted to the PWA by Wm. J. Fox, Chief Engineer of the County Regional Planning Commission.

BIDS OPENED

SAN FRANCISCO—Following bids received by James T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second St., under Contract No. 530, for furnishing one 100-ft. structural steel continuous beam span for the upper Stuarts Fork Bridge f.o.b. bidder's shipping point

Pacific Coast Steel Corp., Alameda, $1037.
Golden Gate Iron Works, San Francisco, $1097.
Herrick Iron Works, Oakland, $1172.
Eureka Boiler Works, Eureka, $1199.
Independent Iron Works, Oakland, $1200.
Judson Pacific Company, Alameda, $1206.
Schrader Iron Works, San Francisco, $1213.
Moore Dry Dock Co., Alameda, $1328.
Minneapolis Iron & Steel Co., Los Angeles, $1385.
Berkeley Steel Constr. Co., Berkeley, $1527.
Berkeley Steel Constr. Co., Oakland, $1527.

All bids held under advisement.

BIDS WANTED.

MALHEUR COUNTY, Ore.—Until March 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for the construction of a bridge over Sucker Creek on Malloy Ranch-Idaho State Line Section of the I-O-N Highway near Rockville, in Malheur County, U.S.P.W. Project NRS 251.

The work involves approximately 195 c.y. excavation; 64 c.y. concrete; 13,000 lbs. metal reinforcement; 33 M F B M treated lumber, and 204 l.f. composite handrail.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED

WASCO COUNTY, Oregon—Sig Ash, Medford, at $10,750 awarded contract by the Oregon State Highway Commission, Portland, for the construction of a concrete bridge over Mill Creek on the Columbia River in the City of The Dalles, Wasco County, U.S.P.W. Project NRM 36-C.

The low bid of Kern & Kibbe, Portland, at $9563, was contingent upon award of a second contract.

BIDS WANTED.

SAN MATEO COUNTY, Cal.—Until April 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for widening the existing undergrade crossing under the tracks of the Southern Pacific Company and the South San Francisco Belt Railway at South San Francisco, San Mateo County, consisting of a 43-ft. 7-in. plate girder and concrete deck span, and a 98-ft. 8-in. steel beam and concrete deck span.

The work involves:
(1) 200 c.y. existing concrete to be removed and disposed of;
(2) 150 l.f. existing guard rail to be moved and reset;
(3) 45,000 c.y. excav., unclass.;
(4) 100,000 mile yards haul;
(5) 4,700 sq. yds. subgrade for pavement;
(6) 1,200 tons crusher run base;
(7) 945 c.y. Class A Portland cement concrete (standard pavement);
(8) 1,900 c.y. do (gravity anchor and reinf. pavement);
(9) 65 each 1-in. bar dowel anchors;
(10) 700 each ¾-in. do;
(11) 165,000 lbs. bar reinf. steel;
(12) 10,500 lbs. mesh reinf. steel;
(13) 2,050 c.y. Class A Portland cement concrete (structures);
(14) 16 c.y. Class F do (railing);
(15) 550 sq. yds. finishing east face of center wall;
(16) 20,484 lbs. cast steel;
(17) 5,700 lbs. copper strips;
(18) 103 c.y. Class A Portland cement concrete (sidewalks and gutters)
(19) 420 l.f. pipe handrail,
(20) 4,000 sq. yds. waterproofing for pavement and walls;
(21) 1,250 sq. yds. waterproofing for deck;
(22) 1,150 l.f. 12-in. plain conc. pipe;
(23) 1,340 l.f. 6-in. drain tile;
(24) 270 l.f. 4-in. drain tile;
(25) 270 l.f. 4-in. vit. clay pipe;
(26) 12 l.f. 12-in. cast iron pipe;
(27) 106 l.f. 8-in. wrought iron pipe;
(28) 24 l.f. 6-in. do;
(29) 44 l.f. 4-in. do;
(30) 60 c.y. rock filling material;
(31) 1 lot pumping equipment;
(32) 1 lot lighting equipment;
(33) 1 lot misc. items of work.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

PLUMAS COUNTY, Cal.—Until April 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two bridges across the North Fork of Feather River, in Plumas County. One is to be at Rock Creek, consisting of one 183 ft. through steel truss span, two 55 ft., on 59 ft. and one 16 ft. steel stringer spans on concrete piers and concrete and rubble masonry abutments; the other is to be near Storrie, consisting of two 120-ft. steel pony truss spans, one 59-ft. 3-in. and one 60-ft. 3-in. reinforced concrete girder spans on concrete piers and rubble masonry abutments.

The work involves:
(1) 1600 cu. yds. struct. excav.;
(2) 1385 cu. yds. Class A Portland cement concrete;
(3) 242 cu. yds. Class A Portland cement concrete (footing blocks);
(4) 180,000 lbs. bar reinf. steel;
(5) 680,000 lbs. struct. steel;
(6) 10,210 lbs. cast steel;
(7) 634 lin. ft. timber railing;
(8) 690 cu. yds. rubble masonry;
(9) 1 lot miscellaneous items of work

Plans and specifications obtainable from above office, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

22—DREDGING HARBOR WORKS EXCAVATION

PROJECT APPROVED.

ANTIOCH, Contra Costa Co., Cal.—SERA has approved appropriation of $1,710 for excavating a trench under school building parallel to heating the pipes to facilitate replacement and repair at a later date, at the Antioch grammar school Harold M. Pearson of the Antioch Live Oak School District will supervise the project, which will employ eight laborers.

PROJECT APPROVED.

EL CERRITO, Contra Costa Co., Cal.—SERA has approved appropriation of $2,857 for dismantling and removing existing tank to new location; excavation for tank foundation at new location; excavation of 700 ft. of pipe trench, and labor to assist in handling pipe, at El Cerrito. W. P. Smiley of the East Bay Municipal Utility District will supervise the project, which will employ 18 laborers.

PROJECT APPROVED.

SAN FRANCISCO.—SERA has approved a supplemental appropriation of $23,457 for the construction of: (Unit A), Boat Landing; (Unit B),

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Veneer wall around existing cribbing end of wharf; (Unit C), Safety-guard around lighthouse; and (Unit D), base and curbing around wharf, at the Marina sea wall, Yacht Harbor, San Francisco. The project will be supervised by the Construction Project Division of the City and County of San Francisco and will employ 94 laborers.

PROJECT APPROVED

OAKLAND, Alameda Co., Cal. — SERA has approved appropriation of $160,015 for the construction of an 840 foot concrete bulkhead wall in the Northern Industrial Area of the Port of Oakland. The project will be supervised by J. G. Bastow, assistant engineer and will employ 6 foremen and 260 laborers.

The Port Commission will purchase 17,000 lin. ft. of untreated piling and materials for 1300 cu. yds. of concrete. Estimated material cost, $15,209.

CONTRACT AWARDED

FORT MASON, Cal.—Pacific Coast Dredging Co., 112 Market St., San Francisco, at $5580 awarded contract by the Constructing Quartermaster, Fort Mason, under Bid No. 2-6616 35-10, for dredging approximately 25,000 cu. yds. of material in Slip No. 2 at Fort Mason.

PLANNED

STOCKTON, Cal.—Joint committee of Chamber of Commerce and other civic groups recommends immediate construction of yacht harbor by filling in vicinity of El Dorado and Center streets and dredging portions of Banner Island, Steamboat Levee and Weber Point.

CONTRACT AWARDED.

SANTA MONICA, Los Angeles Co., Cal.—Merritt-Chapman & Scott Corp., 720 Wilmington - Redondo Blvd., San Pedro, awarded the contract by the Santa Monica city council at $11,103, for constructing an extension to the lower deck of the municipal pier. The work consists of an extension to the lower deck of the pier to be equipped with 80 50-ft. buffer piles, spring shock absorbers, and two dolphins.

BIDS WANTED.

OAKLAND, Calif.—Until March 25, 3:30 P. M., bids will be received by the Oakland Board of Port Commissioners, A. H. Abel, Secretary, Room 73, Grove Street Pier, for driving piles for bulkhead wall, North Industrial Area, Outer Harbor Terminal, Oakland.

Plans and specifications obtainable from the above office upon deposit of $5.00.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

SAN MATEO, Cal.—Until March 25, 8:00 P. M., bids will be received by E. W. Foster, City Clerk, San Mateo, for furnishing and installing a lighting system at the Baseball Park, San Mateo.

Plans and specifications may be obtained from above office. Certified check for 10% of amount bid required.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO.—R. G. LeTourneau, Inc., Roosevelt and First Sts., Stockton, submitted the only bid received by P. C. Brown, General Purchasing Agent, Forest Service, 75 Second St., San Francisco, under Contract No. 528, for rental, with option to purchase, of the following:

(1) One cable controlled, three-tooth, wheel mounted road ripper, approximate weight, 4,000 lbs.; $75 per month rental, 1 day delivery; $875, purchase price.

(2) One 6-yard capacity carrying scraper, cable controlled, approximate weight, 11,000 lbs.; $300 per month rental, one day delivery; $3,875 purchase price.

BIDS OPENED.

FORT MASON, San Francisco.—The following bids received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. QM 671-161-35, Memo 5974, for furnishing pumps as follows for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.:

(1) One centrifugal pump, horizontally split case, single stage type, 500 gals. per minute sea water capacity, against a total dynamic head of no less than 250 ft., operated at a speed not exceeding 3500-rpm.;

(2) One centrifugal pump horizontally split case, two stage type, 800 gals. per minute sea water capacity, against a total dynamic head of no less than 250 ft., operated at a speed not exceeding 1750-rpm.:

Worthington Pump Co., San Francisco: (1) $1,227.91; (2) $2,383.62; net.

Warren Steam Pump Co., San Francisco: (1) $1,279.12; (2) $2,302.80; net.

Fairbanks Morse & Co., San Francisco: (1) $1,224.81; (2) $1,521.31; net.

Bingham Pump Co., Portland, Ore.: (1) $1,310; (2) $1,764; fob Portland.

Bids held under advisement.

CONTRACT AWARDED.

GRASS VALLEY, Nevada Co., Cal. —Webb Motors, 212 Mill Street, Grass Valley, at $890 (Ford) submitted low bid and awarded contract by Grass Valley City Council March 12 for furnishing one 1½-ton truck, 2-yard capacity, with dual wheels and hydraulic dump body.

The other bids were:

George Bros., Grass Valley, $968.00 (Dodge).

Helbach Motors, Colfax, $981.25 (Ford).

BIDS OPENED.

PORTLAND, Ore. — Following bids received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 35-432, for furnishing two diesel engine - driven generating sets and equip., complete, for 117-foot Diesel electric survey boat. (Bids fob factory including services of erector)

Enterprise Engine Corp., 2949 18th Street, San Francisco, $41,987.12.

Cooper-Bessemer Corp., Mt. Vernon Ohio, fob Grove City, Pa., $41,670.*

McIntosh & Seymour Corp., Auburn New York, $51,576.00.

Winton Engine Corp., Cleveland, O., $51,802.00.

Ingersoll - Rand Company, Seattle; fob Phillipsburg, N. J., $56,300.

*The bid of Cooper-Bessemer Corp. provides that they will furnish Westinghouse, General Electric, or Allis-Chalmers electrical equipment instead of Elliot Co. for an additional charge of $300.

BIDS OPENED.

SAN FRANCISCO.—Following bids received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Bldg., for furnishing four ½-c.y. full Diesel operated power shovels, with extra crane boom, without crane bucket:

Browning Crane & Shovel Co., fob Cleveland, Ohio: (1) Terms, 2% 10 days; (2) Delivery, 20 days; (3) Price each, $8,270; (4) Power plant, Caterpillar-Diesel, D-6100; (5) Shovel working weight, 42,000 lbs.; (6) Model, E-2; (7) Price guaranteed until Apr. 15.

Byers Machine Co., fob Ravenna, Ohio: (1) 2% 15 days; (2) 1st, 2 days; 2d, 8 days; 3rd, 16 days; 4th, 24 days; (3) $7,480 (4) Caterpillar-Diesel, D-7700; (5) 42,000 lbs.; (6) Model 65; (7) May 20.

Bucyrus-Erie Co., fob Erie, Pa., (1) 2% 15 days; (2) 30 days; (3) $8,685; (4) Buda-Diesel; (5) 31,000 lbs.; (6) Model 6-B (7) May 19.

Osgood Co., fob Marion, Ohio: (1) 2% 15 days; (2) 1st, 14 days; 2nd, 21 days; 3rd and 4th, 28 days; (3) $11,850; (4) Caterpillar-Diesel, D-7706; (5) 54,000 lbs.; (6) Commander No. 2; (7) April 19.

Northwest Engr. Co., fob Green Bay, Wis.: (1) 2% 15 days; (2) 1st, 7 days; additional at 3 day intervals; (3) $9,110; (4) Caterpillar-Diesel, D-7700; (5) 46,150 lbs.; (6) Model 2; (7) June 19.

Garfield & Co., fob Bay City, Mich.: (1) 2% 15 days; (2) 2 in 2 days, additional one week each; (3) $8,700; (4) Caterpillar-Diesel, D-7700; (5) 42,100 lbs.; (6) Bay City-38; (7) June 30.

Norris K. Davis, Inc., fob Tiffin, O.: (1) 2% 10 days; (2) not specified; (3) $7,420.50; (4) Hercules or Buda-Diesel; (5) 39,700 lbs.; (6) Hansen 42; (7) Apr. 20.

Harnsichfeger Sales Corp., fob Milwaukee, Wis.: (1) 2% 15 days; (2) 10 to 15 days; (3) $8,700; (4) Caterpillar-Diesel D-8800; (5) 47,200 lbs.; (6) P & H-300A; (7) Dec. 30.

Spears Wells Mchy. Co., fob Marion, Ohio (1) 2% 15 days; (2) 1st, 15 days; one each 5 days thereafter; (3) $7,943; (4) Caterpillar-Diesel D-7700, Hercules or Cummins; (5) 45,450 lbs.; (6) General; (7) July 1.

Bids held under advisement.

26—— RAILROADS

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until April 2, 4 P. M., bids will be received by the Stockton Port Commission, City Hall, B. C. Allin, Secretary, for building extensions to railroad, drainage and road system, for the Stockton Port District.

Estimated cost $9500.

Plans and specifications obtainable from the above office upon deposit of $20, which amount will be refunded in full upon return of the plans and specifications accompanied by a proposal; if unaccompanied by a proposal $10 will be refunded.

30—RESERVOIRS & DAMS

BIDS WANTED

PORTLAND, Ore.—Until Apr. 5, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams, District Engineer, under Bid No. 35-513 for furnishing turbines and governing equipment for same, as follows.

SCHED. I—two 60,000-h.p. turbines;

SCHED. II—Governing equipment for 60,000-h.p. turbines;

SCHED. III—one 5,000-h.p. turbine;

SCHED. IV—Governing equipment for 5,000-hp. turbine;

SCHED. V—Combined bids on Sched. I, II, III and IV.

Specifications obtainable at the U. S. Engineer Office, Bonneville Dam Section, 341 Pittock Block, Portland.

FUNDS RE-ALLOTTED

SAN FRANCISCO — The Federal Public Works Administration has rescinded a loan and grant of $2,702,000 for increasing the height of O'Shaughnessy Dam and allicated a grant of $1,058,000. The financing will be completed by sale of a bond issue of $3,500,000.

TO ASK FUNDS

ARCATA, Humboldt Co., Cal.—City Council will apply for PWA approval of project to construct second dam on Jolly Giant creek to increase the

unicipal water supply. City Engo-ser Rigby is taking bids from local ntractors for raising existing earth-l dam ten feet.

ONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A eichert & Son, Inc., P. O. Box 1113, cramento, at $216,175 awarded con-act by the Board of Directors of e Santa Clara Valley Water Conser-ation District, Room 62, Grant Bldg., n Jose, for construction of Guada-ipe Dam and Spillway on Guadalupe reek, about 12 miles south of San ose, and 7 miles southeast of Los atos, Santa Clara County.

ONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—shua Hendy Iron Works, 206 San-ome St., San Francisco, at $23,590.29 warded contract by the Board of Di-ectors of the Santa Clara Valley Vater Conservation District, Room 2, Grant Bldg., San Jose, for furnish-ig gates, valves and appurtenances equired for controlling flow through utlet works of Almaden, Calero, oyote, Guadalupe, and Stevens reek Dams. PWA Project 5061.

OMPLETE BIDS

BONNEVILLE, Oreg. — Pacific Car Foundry Co., White Bldg., Seattle, t $101,005 on Schedule I, $7159 on chedule II, $107,973 on Schedule III, nd at $7272 on Schedule IV, submit-ed low bids, as previously reported, o the U. S. Engineer Officer, Custom-ouse, Portland, March 12, under Bid o. 35-457, for furnishing and install-ig one derrick, three valve chamber nwatering gates, and 50 stop-logs. Bids were taken as follows:

SCHEDULE I

Derricks and Emergency Dam

1) 604,000 lbs. struc. nickel steel;
2) 100 lbs. chrome nickel steel;
3) 100 lb.s machine steel;
4) 2 lbs. spring steel;
5) 3,300 lbs. bolt steel;
6) 400 lbs. carbon steel forgings;
7) 19,000 lbs. nickel steel forgings;
8) 900 lbs. carbon steel castings;
9) 81,000 lbs. nickel steel castings;
10) 7,300 lbs. phosphor bronze;
11) 1,000 lbs. bronze bolts;
12) 190 l.f. wrought iron pipe, 5-inch standard;
13) 3 M. ft. b.m. white oak;
14) 1 job emergency dam derrick at west end of lock;
15) 1 do. for east end of lock;

SCHEDULE II

Unwatering Gates and Stop Logs

16) 45,000 lbs. structural carbon steel
17) 1,400 lbs. bolt steel;
18) 100 lbs. cold rolled steel;
19) 5,000 lbs. carbon steel castings;
20) 900 lbs. iron castings;
21) 700 lbs. phosphor bronze;
22) 7 M. ft. b.m. Douglas fir;
23) 80 lbs. rubber seals;
24) 3 each hand-operated hoists;
25) 64 lbs. spring steel;
26) 50 lbs. bronze bolts.

On Schedules I and II the Government will pay the cost of transporting the equipment and materials from bidder's shipping points to Bonneville, Oregon.

SCHEDULE III

Same as Schedule I, except all transportation costs from factory shipping points to Bonneville are included in the bid.

SCHEDULE IV

Same as Schedule II, except all transportation costs from factory shipping points to Bonneville are included in the bid.

Complete bids follow:

Pacific Car & Foundry Co., Seattle: (1) $101,005; (2) $7159; (3) $107,973; (4) $7272.

Poole & McGonigle, Portland: (1) no bid; (2) no bid, (3) $110,353.80; (4) $7321.20.

Wallace Bridge & Industrial Steel Co., Seattle: (1) no bid; (2) no bid; (3) $127,000; (4) $9455.

McKne Bros., Seattle: (1) $123,960; (2) $9660; (3) $131,629; (4) $10,400.

Bravo Contracting Co., Pittsburgh. (1) $129,789.90; (2) no bid; (3) $140,353.80; (4) no bid.

Warden-Allen Co., Milwaukee: (1) $138,889; (2) $10,504; (3) $152,501; (4) $11,62.

Wm. C. Smith, Portland: (1) no bid; (2) $9345; (3) no bid; (4) $9445.

Isaacson Iron Works Seattle: (1) no bid; (2) no bid; (3) no bid; (4) $8267.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until April 5, 10 A. M., to be opened at 10:15 A. M., bids will be received by the Board of Directors of the Santa Clara Valley Conservation District, Room 62, Grant Bldg., San Jose, for the construction of the Coyote Dam and Spillway about 5 miles east of Morgan Hill on Coyote Creek in Santa Clara County.

The Coyote Dam, which will be the largest of five earth-fill dams being constructed by the district in the vicinity of San Jose and Los Gatos, will be a combination earth-fill, gravel-fill and rock-fill structure, 900 feet in length at the crest, and 120 feet in height, with a storage capacity of 30,000 acre-feet of water. The contract includes construction of a concrete spillway.

The work involves:

(1) Construction and maintenance of access road to dam, for lump sum of $5000;
(2) 45,000 cu. yds. foundation stripping below elevation 670;
(3) 150,000 cu. yds. all other stripping (except borrow pits);
(4) 10,000 cu. yds. cut-off trench excavation above elevation 670;
(5) 1200 cu. yds. backfilling, exploration tunnels and shafts;
(6) 875,000 cu. yds. earth-fill and gravel-fill embankment in place;
(7) 186,000 cu. yds. rock-fill in place
(8) 1200 cu. yds. concrete in outlet works, spillway weir, etc.;
(9) 2300 cu. yds. concrete lining in spillway;
(10) 235,000 lbs. reinforcing steel in place;
(11) 5500 lbs. structural steel in place
(12) 900 lin. ft. 50-in. steel outlet pipe, including wyes, in place;
(13) 150 lin. ft. 12-in. corrugated culvert;
(14) 4000 lin. ft. 12-in. half - round drain tile in place;
(15) Installation in outlet works of two sluice gates, two cast iron reducers, two butterfly valves, two discharge pipes, and all appurtenances, all furnished by the district;
(16) One bronze tablet, furnished and installed;
(17) One engineer's field office building, furnished and erected;
(18) Premium on 50% surety and 100% performance bonds.

Plans and specifications obtainable from Leroy Anderson, Secretary of the District, Room 62, Grant Bldg., San Jose., or from Fred H. Tibbetts, Engineer, 1320 Alaska Commercial Bldg., San Francisco, upon deposit of $10.

32—SEWERS & SEWAGE DISPOSAL PLANTS

SUB-CONTRACT AWARDED.

BURLINGAME, San Mateo Co., Cal.—Schwartz Bros., San Jose, at $18.00 each submitted the only bid to H. E. Conoer, general contractor, 1222 Whipple Ave., Redwood City, for constructing 37 brick manholes along the Bayshore Highway at Burlingame. The work is to be let as a sub-contract in connection with the Burlingame sewer system project. Materials are to be furnished at the job site.

33— WATER WORKS

BIDS WANTED.

SAN FRANCISCO — Until April 3, 2:30 P. M., bids will be received by the Department of Public Works, Wm H Worden, Director, Room 251, City Hall, under Spec. No. 18,829, for installation of Section D, the Potrero District Extension, Auxiliary Water Supply System for Fire Protection. Location of the work is on third St. between Mariposa and Twenty-third streets; Twenty-fifth street between Third and Pennsylvania Sts.; Pennsylvania St. between Twenty-fifty and Army Sts., and Army St. between Pennsylvania and Evans Sts. Estimated cost $65,000.

The work involves:

(1) 84 l.f. 16-in. Class H bell and spigot, lugged;
(2) 2757 l.f. 14-in. Class H double spigot, plain;
(3) 472 l.f. 14-in. Class H double spigot, lugged;
(4) 824 l.f. 14-inch Class H bell and spigot, plain;
(5) 131 l.f. 14-inch Class H bell and spigot, lugged;
(6) 991 l.f. 12-inch Class H double spigot, plain;
(7) 411 l.f. 12-inch Class H double spigot, lugged;
(8) 1774 l.f. 12-inch Class H bell and spigot, plain;
(9) 673 l.f. 12-inch Class H double spigot, lugged;
(10) 569 l.f. 8-inch Class H bell and spigot, lugged;
(11) 1 14-inch gate valve, in place;
(12) 9 12-inch gate valves, in place;
(13) 8 10-inch gate valves, in place;
(14) 21 8-inch gate valves, in place;
(15) 21 std. h.p. hydrants, in place;

Note: Items 1 to 15 inclusive, cast iron pipe, valves, hydrants and special castings, will be furnished by the city.

(16) 65,960 lbs. pig lead, furnished and delivered;
(17) 30,900 lbs. cast steel special castings, furnished and delivered;
(18) 14,420 lbs. cast iron do;
(19) 17,500 lbs. manhole and valve box cast iron frames, covers and dust pans, furnish and place;
(20) 44,500 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(21) 2580 lbs. reinforcing steel, furnished and placed;
(22) 49 c.y. Class B concrete in place;
(23) 5350 c.y. excavation and backfill;
(24) 19,200 sq. ft. asphalt - concrete pavement (2x6-in.) Class F conc.
(25) 72 sq. ft. concrete sidewalk (one course);
(26) 11 c.y. crushed rock, furnished and placed;
(27) 26 tons bell and spigot pipe or double spigot pipe, without lugs. In classes C to H inclusive and in nominal diameters of 8- to 18-inch, inclusive;
(28) 9 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In classes C to H inclusive and in nominal diameters of 8- to 18-in. inclusive.

Note: Items 16 to 28 inclusive; all materials, including pipe, shall be furnished by the contractor.

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS OPENED

SAN FRANCISCO—Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at $30,690.70 submitted low bid to the Public Utilities Commission, City

Hall, under Spec. No. W. D. 76, for laying 6- and 8-inch cast iron mains in the area from 26th Ave. to 48th Ave., and from Fulton St. to El Camino.

The work involves:

(1) Excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep, 34,790 l.f.;
(2) Additional excavation and backfill, 550 c.y.;
(3) Additional pavement removal and replacement, 1,232 sq. ft.;
(4) Installing of pipe;
(a) 23,790 l.f. of 6-in. bell and spigot cast iron pipe;
(b) 11,000 l.f. of 8-in. do;
(5) Installing 14,750 lbs. fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 4,352 l.f. bell and spigot joints;
(7) 49,290 sq. ft. repavement.

Total bids follow:

(A) Lowrie Paving Co., Inc., San Francisco, $30,690.70.
(B) Pacific States Constr. Co., San Francisco, $31,150.51.
(C) A. Soda & Son, Oakland, $31,671.90.
(D) Chas. L. Harney, San Francisco, $33,692.40.
(E) Fay Improvement Co., San Francisco, $42,560.29.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .35	$ .375	$ .35	$ .46	$ .58
(2)	.10	.80	.75	1.00	1.00
(3)	.30	.32	.30	.30	.30
(4a)	.05	.09	.07	.034	.11
(4b)	.06	.09	.08	.047	.11
(5)	.01	.01	.01	.01	.016
(6)	.30	.61	.60	.57	1.17
(7)	.30	.23	.27	.26	.25

All bids referred to the City Engineer and the PWA.

CONTRACTS AWARDED

BELMONT, San Mateo Co., Calif.—Following additional contracts have been awarded by the Belmont County Water District, Ralston Ave., Belmont in connection with the construction of a pump house and storage reservoir being built by SERA labor:

Gate and check valves to the Grinnell Co., of the Pacific, 5th and Brannan Sts., San Francisco.

Eight-inch Ross altitude valve, to the Water-Works Supply Co., 501 Howard St., San Francisco, at $300.

Sash and door lumber for pump house, to Gray-Thorning Lumber Co., 2 Redwood, Redwood City, at $191.

Previous list of contracts awarded published February 20.

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources during the month of February, 1935

4469, Application 8137 (Tulare Co.) Issued to U. S.-Sequoia National Forest, Porterville, February 1, for 1400 gals. per day from Nelson Fork of Middle Tule River, for domestic and fire protection purposes. Estimated cost, $500.

4470, App. 8107 (San Diego Co.) Issued to Jas. C. Critchett, Julian, Cal., February 1 for 0.05 cu. ft. per second from Chariot Creek for mining and domestic purposes.

4471, App. 8064 (Humboldt Co.) Issued to Fred B. Barnum, Eureka, Feb. 11, for 0.06 cu. ft. per second from Spring Creek for domestic and recreational purposes. Est. cost, $400.

4472, App. 8083 (Modoc Co.) Issued to C. M. Tinsman, Adin, Calif., Feb. 11, for 0.50 cu. ft. per second from Pit river for domestic purposes and irrigation of 40 acres.

4473, App. 7992 (Siskiyou Co.) Issued to U. S.-National Forest, Mt. Shasta, Calif., February 13, for 10.0 cu. ft. per second from State Creek for fish culture. Est. cost $2000.

4474, App. 8011 (El Dorado Co.) Issued to the Sacramento Mountaineers' Lodge, Sacramento, Feb. 13, for a total of 1500 gals. per day from three unnamed springs for domestic and recreational purposes.

4475, App. 7991 (Siskiyou Co.) Issued to R. R. Young, Hamburg, Calif., Feb. 14, for 3,000 gals. per day from Macks Creek for domestic purposes. Estimated cost, $250.00.

4476, App. 8101 (El Dorado Co.) Issued to E. Y. Thomas, Camino, Cal., Feb. 14, for a total of 1.0 cu. ft. per second from Long Canyon and South Fork Long Canyon, for power purposes. Est. cost, $500.

4477, App. 7869 (Modoc Co.) Issued to South Fork Irrigation Dist., Likely, Calif., Feb. 15, for a total of 17,000 ac. ft. per annum storage from West Valley Creek and South Fork Pit river for stock watering purposes and the irrigation of 12,900 acres. Estimated cost, $16,000.

4478, App. 8161 (Tuolumne Co.) Issued to Z. B. Hartley, Berkeley, Feb. 19, for 0.054 cu. ft. per second from Jawbone Creek, for mining and milling purposes. Est. cost, $250.

4479, App. 8162 (Tuolumne Co.) Issued to Z. B. Hartley, Berkeley, Feb. 19, for 3.0 cu. ft. per second from Jawbone Creek for power purposes. Est. cost, $1000.

4480, App. 8073 (Siskiyou Co.) Issued to Arthur E. Bright, Hornbrook, Cal., Feb. 21, for 1750 gals. per day from an unnamed spring for domestic purposes. Est. cost, $100.

4481, App. 8105 (Trinity Co.) Issued to Dorothy Hoffman, Burnt Ranch, Cal., Feb. 21, for a total of 0.82 cu. ft. per second from Rowdy and Pelletreau Creeks for domestic purposes and irrigation of 14 acres. Est. cost, $350.

4482, App. 8065 (San Bernardino Co.) Issued to S. E. Lloyd, Glendale, Feb. 21, for 20,000 gals. per day from Quail Springs for mining and domestic purposes. Est. cost, $750.

4483, App. 8095 (Sierra Co.) Issued to Mrs. Edith McKenize, Forest, Calif., Feb. 21, for 0.25 cu. ft. per second from Baker Spring for mining and domestic purposes. Est. cost, $200.

4484, App. 7826 (Inyo Co.) Issued to J. B. Chase, Darwin, Calif., Feb. 25, for 0.125 cu. ft. per second from Cold Spring, for mining and domestic purposes. Est. cost, $1000.

4485, App. 7659 (Mariposa Co.) Issued to Wm. H. Rykert, Clearinghouse Calif., Feb. 25, for 4760 gals. per day from an unnamed spring for domestic purposes. Est. cost, $30.

4486, App. 8166 (El Dorado Co.) Issued to G. W. Shedd, Kyburz, Calif., Feb. 27, for 3.0 cu. ft. per second from Pyramid Creek for power purposes. Est. cost, $500. 23

BIDS WANTED

SAN FRANCISCO.—Until March 27, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,817, for the installation of Section "C" of the Potrero District Extension to the Auxiliary Water Supply System for Fire Protection.

Bids will be taken as follows:

(1) 4938 l.f. 16-in. Class H bell and spigot, plain;
(2) 1032 l.f. 16-in. Class H bell and spigot, lugged;
(3) 891 l.f. 16-in. Class G bell and spigot, plain;
(4) 168 l.f. 16-in. Class G bell and spigot, lugged;
(5) 3752 l.f. 12-in. Class H bell and spigot, plain;
(6) 612 l.f. 12-in. Class H bell and spigot, lugged;
(7) 1395 l.f. 12-in. Class G bell and spigot, plain;
(8) 300 l.f. 12-in. Class G bell and spigot, lugged.
(9) 308 l.f. 8-inch Class H bell and spigot, lugged;
(10) 114 8-inch Class G bell and spigot lugged;
(11) 16 14-in .gate valves, in place;
(12) 13 10-in. do;
(13) 34 8-in. do;
(14) 34 standard h.p. hydrants in place

Note: Items (1) to (14) inclusive cast iron pipe, valves, hydrants, and special castings, will be furnished by the City.

(15) 82,800 lbs. pig lead, furnished and delivered;
(16) 6415 lbs. cast steel special castings, do;
(17) 40,197 lbs. cast iron spec. castings furnished and delivered;
(18) 28,162 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(19) 59,515 pounds wrought iron bolts nuts and washers, furnished and placed;
(20) 5118 lbs. reinforcing steel, furnished and placed;
(21) 64 c.y. Class B concrete, in place
(22) 8349 c.y. excavation and backfill
(23) 39,973 sq. ft. asphalt conc. pavement (2-in. x 6-in.) Class F conc
(24) 528 sq. ft. concrete sidewalk (one course);
(25) 9 c.y. crushed rock, furnished and placed;
(26) 52 tons bell and spigot pipe, without lugs, in Classes B and H and in nominal dia. of 8- to 18-in. inclusive;
(27) 12 tons bell and spigot pipe with bolting lugs, in Classes do.

Note: Items (15) to (27) inclusive all materials, including pipe, shall be furnished by the contractor.

Plans and specifications obtainable from City Engineer John J. Casey Room 351, City Hall, upon cash deposit of $10.00.

BIDS WANTED.

BEVERLY HILLS, Los Angeles Co., Cal.—Until March 26, 7:30 P. M., bids will be received by the city council for furnishing and installing 3700 ft. of 12-in., 14-in. and 16-in. cast iron pipe water main. Specifications may be obtained from the engineers, Salisbury, Bradshaw & Taylor, 745 Petroleum Bldg., Los Angeles. B. J. Firminger, city clerk.

The items are:

(1) 1370 l.f. 16-in.;
(2) 1190 l.f. 14-in.;
(3) 1140 l.f. 12-in.

BIDS WANTED

VALLEJO, Solano Co., Calif.—Until March 19, 11 A. M., bids will be received by the Vallejo City Council, City Hall, Alf. E. Edgecumbe, City Clerk, for furnishing one ammoniator machine.

Specifications obtainable from the City Engineer.

BIDS WANTED

WALLA WALLA, Wash. — Until April 23, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for deep well pump and pump house at the Veterans Administration Facility, Walla Walla, Washington.

Plans and specifications may be obtained from above office. No deposit required.

BIDS WANTED.

LOS ANGELES, Cal.—Until March 26, 2 P. M., bids will be received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau Room 740, 207 S. Broadway, for furnishing 33,500 l.f. electric fusion welded steel water pipe, reducers, etc., for the Western Ave.-Harbor Trunk Line, delivery to be made fob bidder's trucks Department of Water & Pow-

IDS OPENED.

SAN FRANCISCO.—Following firms bmitted identical bids at $6.05 per 0 l.f. to T. A. Brooks, Purchaser of pplies, City Hall, under Bid No. 39, for furnishing 100,000 l.f. of ¾-standard wrought steel galvanied ater pipe:

P. E. O'Hair & Company.
Olsen & Heffernan.
Richmond Sanitary Company.
Sloss & Brittain.
Walworth California Company.
Crane Company.
Gilmore Steel & Supply Co., Inc.
Northern California Hardware Co.
United Pipe & Supply Co.
D. L. Breshauer.
Woodin & Little, Inc.
Pacific Pipe Company.
Petroleum Equipment Company.
Steam & Plumbing Service Corp.
Federal Pipe & Supply Company.
Grinnell Company.
C. J. Hendry Company.
Marshall-Newell Supply Company.
Northern California Hardware and eel Company.
A. J. Glesener Company.
Bids held under advisement.

G. Slauson Yard, at Slauson and ompton Aves., Los Angeles, under pec. No. 1641.

IDS OPENED.

SAN FRANCISCO. — Pacific States onstruction Co., 708 Call Bldg., at $6,701.50 submitted low bid to the ublic Utilities Commission, City Hall nder Spec. No. W. D. 77, for laying and 8-inch cast iron mains in the rea from Funston Ave. to 45th Ave., nd from Quintara St. to Wawona St. The work involves:

) Excavation and backfill for 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep, 30,640 l.f.;
) Additional excavation and backfill, 480 c.y.;
) Additional pavement removal and replacement, 1,190 sq. ft.;
) Installing of pipe;
(a) 28,750 l.f. of 6-in. bell and spigot cast iron pipe;
(b) 1,890 l.f. of 8-in. do;
) Installing 12,940 lbs. fittings, gate valves, etc.;
) Making joints for pipe and fittings, 3,440 l.f. bell and spigot joints;
) Repavement, 47,520 sq. ft.

Total bids follow:

A) Pacific States Const. Co., San Francisco $26,701.50
B) E. J. Treacy, S. F. 27,630.20
C) Lowrie Paving Co., S. F. .. 28,097.30
D) A. Soda & Son, Oakland . 28,688.50
E) Chas. L. Harney, S. F. . 30,443.13
F) Fay Imp. Co., S. F. . 38,077.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
1)..	$.36	$.335	$.35	$.35	$.46	$.58
2)..	.75	1.00	.10	.75	1.00	1.00
3)..	.32	.30	.30	.30	.30	.30
(a) .	.075	.14	.05	.07	.034	.11
(b)..	.085	.145	.06	.08	.047	.11
5)..	.01	.0125	.01	.01	.01	.015
6)..	.59	.40	.30	.60	.57	1.17
7)..	.22	.225	.30	.27	.26	.25

All bids referred to the City Engineer and the PWA.

34— PARKS & PLAY-GROUNDS

IDS WANTED

STOCKTON, San Joaquin Co., Cal.—ntil March 26, 4 P. M., bids will be eceived by the Stockton Port Comission, City Hall, B. C. Allin, Secetary, for furnishing and installing nderground piping, valves, fire hyants and sprinklers for a sprinkler ystem to sprinkle 195,000 sq. ft. in rea. Estimated cost, $27,500.

Plans and specifications obtainable rom above office.

PROJECT APPROVED.

PIEDMONT, Alameda Co., Calif.—SERA has approved appropriation of $15,359 for grading, excavating, wheelling, filling and levelling of Hampton School site for playground purposes. Wm. Prisk of the Piedmont School District will supervise the project, which will employ one timekeeper and 41 laborers.

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Bids are being received by the Custodian, Porterville Post Office, for seeding and planting grounds at the post office at Porterville.

BIDS WANTED.

VISALIA, Tulare Co., Calif.—Bids are being received by the Custodian, U. S. Post Office, Visalia, for seeding and planting the grounds at the post office, Visalia.

CONTRACTS AWARDED.

LIVERMORE, Alameda Co., Cal.—Dallman Supply Co., 8th and R Sts., Sacramento, awarded contract for pipe and fittings, and the Atlas Lawn Sprinkler Co., 981 Folsom St., San Francisco, awarded the contract for sprinkler heads by Veterans' Administration Facility, as follows:

(1) 293 heavy duty concealed pop-up type, underground rotating sprinkler heads;
(2) 818 concealed pop-up underground non-rotating sprinkler heads, spray type;
(3) 330 concealed fixed strip type underground sprinkler heads for a narrow 5-ft. parking strip;
(4) 50 bubble type sprinkler heads for shrubbery irrigation.

35— TUNNELS

BIDS WANTED

SAN FRANCISCO—Until April 3, 3 P. M., as previously reported, bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. W. D. 74, for the construction of the Crystal Springs Pipe Line Tunnels, to carry a pipeline extension from Crystal Springs reservoir in San Mateo County to the University Mound Reservoir in San Francisco.

The work includes construction of two tunnels in San Mateo County, 1129 ft. long, and the other 331 ft. long; and one tunnel 4287 ft. long in San Francisco County.

Bids will be taken as follows:

SECTION A (Tunnels Nos. 1 and 2)
(1) 1775 lin. ft. excavation;
(2) 1763 lin. ft. tunnel lining of steel pipe and concrete.

SECTION B (Tunnel No. 3)
(1) 2293 lin. ft. excavation;
(2) 2287 lin. ft. tunnel lining of steel pipe and concrete.

SECTIONS A-B (Tunnels Nos. 1, 2 and 3)
(1) 4068 lin. ft. excavation;
(2) 4050 lin. ft. tunnel lining of steel pipe and concrete.

All steel pipe used shall have a minimum inside diameter of 60 inches.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $20.

CONTEMPLATED.

LOS ANGELES, Cal.—The finance committee of the city council has under consideration plans to install a ventilating system in the Third St. tunnel. The city engineer has estimated the cost of the improvement at $75,000 and operation and maintenance costs at $600 per month.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED.

GILA COUNTY, Ariz.—Hodgson & MacVicar, 714 Plymouth Road, Pasadena, Calif., at $37,689 awarded contract by the Bureau of Public Roads, Phoenix, for grading 2.989 miles of Section B of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County, Arizona.

BIDS OPENED.

SACRAMENTO COUNTY, Calif. — Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $17,361 submitted low bid to the State Highway Commission, Sacramento, for constructing 0.3 mile of riprap slope protection in Sacramento County between Rio Vista Bridge and Freeport.

The work involves:
(1) 1 lot clearing and grubbing;
(2) 3500 c.y. local borrow;
(3) 8500 tons riprap, based on weight of 150 lbs. per solid dry cu. ft.

Total bids follow:
(A) Healy-Tibbitts Const. Co., S. F., $17,361.00.
(B) Basalt Rock Co., Napa, $17,615.00.
(C) Hutchinson Co., Okland, $17,713.98
(D) Blake Bros. Co., San Francisco, $19,940.60.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 50.00	$150.00	$ 60.00	$ 80.00
(2) ..	.39	.40	.42	.50
(3)..	1.675	1.89	1.70	1.88
(4)	168.00	150.00	168.00	170.00

BIDS OPENED

KLICKITAT COUNTY, Washington—Brent Sturgill Co., Inc., College Place, Wash., at $33,543 submitted low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for constructing the Mt. Adams Highway Reconstruction Grading and Subgrade Reinforcement Project FHEC-17 A1, National Forest Road Project located within the Columbia National Forest, Klickitat County, Washington.

The length of the project is approximately 3.343 miles reconstruction grading; 1.793 miles betterment and 5.136 miles subgrade reinforcement.

Complete bids follow:

Brent Sturgill Co., Inc., College Place, Wash.	$33,543
E. Hefty, Portland	33,481
Fred G. Redmon, Yakima.....	35,049
C. E. O'Neil Co., Inc., Stevenson, Wash.	35,214
F. C. Dillard, Medford.....	37,552
Elliott & Co., Inc., Seattle.....	38,622
Joplin & Eldon, Portland.....	39,249
United Contracting Co., Portland	39,387
L. Colucci, Seattle.....	39,540
L. Romano Engr. Corp., Seattle	43,044
Lidral Constr. Co., Seattle.....	44,344

Bids held under advisement.

CONTRACT AWARDED.

MOHAVE COUNTY, Arizona.—H. J. Hagen, Globe, Ariz., at $110,506 was awarded contract by the Bureau of Public Roads, San Francisco, for grading and placing selected material subgrade reinforcement on approximately 2.357 miles of Section D of Federal Lands Highway Project No. 2, the Kingman-Boulder Dam Highway, Mohave County, Arizona.

CONSTRUCTION DELAYED.

LOS ANGELES, Calif.—The agreement between the county supervisors and the West Slope Const. Co. for cessation of construction on San Gabriel Dam No. 1, originally for 120 days, was extended March 12 for a period of 90 days from that date.

BIDS WANTED

KLAMATH COUNTY, Ore.—Until April 3, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for improving the Crater Lake National Park, East Entrance, Lost Creek Ranger Station-Kerr Notch Section; Rim Road-Lodge-Diamond Lake Junction; Diamond Lake Road, Junction, North Entrance, Project PEC-5-O2, B bituminous surfacing and PEC-7-A and 8 bituminous surfacing, National Park Project, located within the Crater Lake National Park, Klamath County, Oregon.

The length of the project is approximately 4.558 miles (PEC - 5 - A2,B) and 13.738 plus 0.817 Parking Areas (PEC-7-A and 8).

The work involves:

(1) 1,200 c.y. unclassified excavation;
(2) 4,000 c.y. mi. overhaul;
(3) 400 M. gals. watering;
(4) 40 days roller operation;
(5) 200 tons SC-2 grade liquid asph. in prime;
(6) 1,000 tons RC-3 grade liquid asphalt in mixture;
(7) 175 tons RC-3 grade liquid asphalt in seal;
(8) 19.108 miles preparation of rdwy.
(9) 25,000 tons bituminous mixture;
(10) 1,400 c.y. loading and placing filler and stockpiled surfacing;
(11) 900 c.y. stone chips (seal).

Plans and specifications obtainable from above office upon deposit of $10.

BIDS WANTED

ESMERALDA and Mineral Counties, Nev.—Until March 27, 2:30 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Esmeralda and Mineral Counties from Coaldale to Rhodes, a length of 20.86 miles.

The work involves:

(1) 756 l.f. remove culvert pipe;
(2) 40 each remove culvert headwalls
(3) 65,880 c.y. roadway excavation;
(4) 35,804 sta. yds. overhaul;
(5) 31.121 c.y. select borrow;
(6) 2,770 c.y. structural excavation;
(7) 20.86 miles subgrade;
(8) 20.86 miles finishing roadway;
(9) 84,500 tons crushed gravel or stone surface;
(10) 280 c.y. Class A concrete;
(11) 73 c.y. Class B concrete;
(12) 30,900 lbs. structural steel;
(13) 4.8 MFBM redwood;
(14) 706 l.f. 18-in. CMP;
(15) 842 l.f. 24-in. CMP;
(16) 158 l.f. 30-in. CMP;
(17) 406 l.f. 36-in. CMP;
(18) 36 l.f. 1.5x1.5-ft. laminated culvert;
(19) 215 l.f. 2x2-in. do;
(20) 151 l.f. 3x2-ft. do;
(21) 68 l.f. double 8x4-ft. do;
(22) 30 l.f. relay culvert pipe;
(23) 81 each move pipe culvert headwalls;
(24) 94 each monuments;
(25) Lump sum. railroad crossing.

Plans and specifications obtainable from the above office upon deposit of $5, of which $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS OPENED

MADERA COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $5,643.15 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for bituminous treatment (light surface application) on approximately 4.288 miles of Section A of Route 74, the North Fork National Forest Highway, Sierra National Forest, Madera County.

Bids were taken as follows:

(1) 66,400 gals. haul, apply and mix Government furnished asphaltic road material, Type SC-2;
(2) 2350 gals. haul and apply Government furnished liquid asphaltic road material, Type SC-2 to shoulders and dikes.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $5,643.15.
(B) Granite Const. Co., Watsonville, $5,772.01.
(C) A. Teichert & Son, Inc., Sacramento, $6,164.00.
(D) Tiffany Const. Co., San Jose, $6,446.00.
(E) Engineer's estimate, $5,429.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$.0828	$.0845	$.09	$.09	$.08
(2)	.0618	.0686	.08	.10	.05

Bids held under advisement.

PROJECT APPROVED.

COALINGA, Fresno Co., Cal.—SERA has approved appropriation of $4,786 for street, alley, gutter and pipeline improvements in the City of Coalinga. Arthur Blank will supervise the project, which will employ 78 laborers.

PROJECT APPROVED.

OAKLAND, Alameda Co., Calif.—S E R A has approved appropriation of $29,039 for construction of concrete curb in District No. 2, Oakland. Chas. Reed will supervise the project which will employ one timekeeper and 59 laborers.

BIDS OPENED

ANTIOCH, Contra Costa Co., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $3,235 submitted low bid to the Antioch City Council, J. E. McElheney City Clerk, for the improvement of Fourth Street between I and O Sts., consisting of grading, curbing, paving, etc.

Complete bids follow:

Lee J. Immel, Berkeley	$3,235.00
Helwig Const. Co., Sebastopol	3,591.50
Peres & Gatto, Richmond	3,689.50
Heafey-Moore Co., Oakland	3,963.40
U. B. Lee, San Leandro	4,432.00
Ransome Constr. Co., Emeryville	4,969.12

Bids forwarded to the State Highway Commission for approval.

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $114,834.10 awarded contract by the State Highway Commission, Sacramento, for 7.1 miles of grading and surfacing with bituminous treated crushed gravel or stone or crusher run base, in San Mateo County, between Thornton and Daly City.

PREPARING PLANS

SAN JOSE, Santa Clara Co., Cal.—Assistant City Engineer R. J. Brady is preparing plans for the resurfacing of 1.37 miles on N-Hhirteenth Street, from Santa Clara St. to the north city limits.

The work will be financed out of the city's share of State gas tax funds

AWARD RECOMMENDED

MADERA COUNTY, Cal.—Award of contract to the Peninsula Paving Co., 9 Main St., San Francisco, at $5643.15 for bituminous treatment (light surface application) on approximately 4.288 miles of Section A of Route 74, the North Fork National Forest Highway, Sierra National Forest, Madera County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—V. Dennis Constr. Co., 3911 5th Avenue, San Diego, as previously reported submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, March 14, at $38,999.25 for highway construction in San Diego County, between Emerald Ave. and east city limits of El Cajon, about 0.8 mi. in length to be graded and paved with asphalt concrete, involving:

(1) 8 each trees and stumps to be removed;
(2) 2400 cu. yds. roadway excavation, unclass.;
(3) 750 cu. yds. imported borrow;
(4) 5800 station yds. overhaul;
(5) 260 cu. yds. structure excav.;
(6) 8200 sq. yds. subgrade for pavement;
(7) 15,100 sq. yds. asphaltic pain binder;
(8) 5900 tons asphalt concrete;
(9) 65 cu. yds. Class A Portland cement concrete (structures);
(10) 195 cu. yds. Class A Portland cement concrete (curbs, sidewalk and sidewalk connections);
(11) 6300 lbs. bar reinforcing steel;
(12) 48 lin. ft. 18-in. C.M.P.;
(13) 645 lin. ft. existing culvert pipe to be removed and salvaged;
(14) 115 lin. ft. existing culvert pipe to be removed, cleaned and re laid;
(15) 200 M. gals. water;
(16) 24 tons fuel oil (detours);
(17) 72 tons fuel oil (shoulders);
(18) 11,000 sq. yds. preparing, mixing and shaping shoulders;
(19) 475 cu. yds. concrete to be removed and disposed of;
(20) 3 each cast steel frames and covers for drop inlets;
(21) 41 lin. ft. ornamental iron railing
(22) 22 stations finishing roadway.

Total bids follow:

(A) V. R. Dennis Constr. Co., San Diego, $38,999.25.
(B) R. E. Hazard Contr. Co., San Diego, $39,525.00.
(C) Daley Corp., San Diego, $39,912.70.
(D) Griffith Co., San Diego, $43,234.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$20.00	$10.00	$15.00	$25.0
(2)	1.00	.75	.55	.7
(3)	1.25	1.25	1.05	1.0
(4)	.05	.02	.01	.0
(5)	2.50	1.50	1.00	2.0
(6)	.20	.10	.15	.1
(7)	.03	.04	.03	.0
(8)	3.30	3.66	4.15	4.1
(9)	35.00	30.00	20.00	35.0
(10)	22.00	25.00	15.90	20.0
(11)	.10	.10	.08	.1
(12)	5.00	3.00	3.00	4.5
(13)	1.00	1.50	2.00	2.0
(14)	2.50	2.60	2.50	3.0
(15)	1.00	2.00	.50	1.5
(16)	15.00	20.00	11.50	18.0
(17)	10.00	10.00	10.60	15.0
(18)	.05	.10	.06	.0
(19)	3.95	2.00	4.50	4.0
(20)	25.00	40.00	50.00	35.0
(21)	10.00	8.00	6.50	12.0
(22)	20.00	10.00	10.00	10.0

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until April 2, 4 P. M., bids will be received by the Stockton Port Commission, City Hall, B. C. Allin, Secretary, for building extensions to railroad, drainage and road system, for the Stockton Port District.

Estimated cost $9500.

Plans and specifications obtainable from the above office upon deposit of $20, which amount will be refunded in full upon return of the plans and specifications accompanied by a proposal; if unaccompanied by a proposal $10 will be refunded.

ONTRACT AWARDED

MARION COUNTY, Oregon—J. C. mpton, McMinnville, at $33,609 warded contract by the Oregon State ighway Commission, Portland, for 67 mile oil mat surface treatment; 6 miles surfacing and penetration pe bituminous macadam wearing rface and furnishing crushed rock gravel in stockpiles on the Salem-ingle Creek Section of Morningside econdary Highway in Marion County; S.P.W Project No. NRS 243.

ONTRACT AWARDED

WASCO COUNTY, Oregon—Edelf-n-Weygandt Co., 1308 S. W. Front, ortland, at $61,458 awarded contract the Oregon State Highway Commission, Portland, for 1.23 miles grading, surfacing, and penetration type tuminous macadam wearing surface d 132 lin. ft. of pavement widening d surfacing on the West Entrance The Dalles Section of Columbia ver Highway, in Wasco County. U. P.W. Projects No. NHR 36-A and -C.

IDS WANTED

YOLO COUNTY, Cal.—Until April 2 P. M., bids will be received by e State Highway Commission, Sacimento, for about 0.6 mile in length be graded, the present pavement be widened with crusher run base, nd plant mixd surfacing (medium ring type) to be constructed over e existing pavement and the crusher n base, in Yolo County, in the City f Woodland, between the south city mits and Main Street.

The work involves:

(1) 5 each trees removed and disposed of;
(2) 130 M. gals. water;
(3) 4,300 c.y. rdwy. excav., unclass.;
(4) 4,200 c.y. imported borrow;
(5) 350 c.y. struc. excav.;
(6) 2,000 tons crusher run base;
(7) 2,600 tons mineral aggregate (plant mixed surfacing);
(8) 135 tons liquid asphalt MC-4 or MC-5 (plant mixed surfacing);
(9) 12 tons liquid asph. MC-2 (prime coat);
(10) 12 tons do MC-3 (seal coat);
(11) 105 tons stone screenings (seal coat);
(12) 50 c.y. Class A Portland cement concrete (track pavement);
(13) 18,000 lbs. bar reinf. steel (structures and track pavement);
(14) 7 c.y. Class A Portland cement concrete (structures);
(15) 30 l.f. 8-in. CMP;
(16) 576 l.f. 12-in. CMP;
(17) 40 l.f. 24-in. perforated metal pipe (sumps);
(18) 260 c.y. Class A Portland cement concrete (curbs and gutters);
(19) 6,200 sq. yds. paint binder;
(20) 30 c.y. asphalt concrete removed from existing pavement and disposed of;
(21) 100 c.y. salvaged macadam sidewalks;
(22) 6 each cast steel frames and covers for drop inlets.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED.

MALHEUR COUNTY, Ore. — Until March 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 2.36 miles grading on the Malley Ranch-Idaho State Line Section of I-O-N Highway, U.S.P.W. Project NRS 251, in Malheur County.

The work involves approximately 41,000 c.y. excavation and 2,800 c.y. roadbed topping.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

PLANS APPROVED

ALAMEDA, Alameda Co., Cal.—The City Planning Commission has approved plans for the construction of a Yacht harbor 1000 feet long and 700 feet wide, with ample berthing space for 200 yachts, to be located at the western end of the Southern Pacific mole. City Manager Walter Koetitz will recommend project for immediate construction.

BIDS WANTED.

SISKIYOU COUNTY, Calif. — Until April 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 12.5 miles grading in Siskiyou County between Cougar and Horse Thief Creek.

The work involves:

(1) 65 acres clearing and grubbing right of way inside slope lines;
(2) 130 acres clearing highway right of way outside slope lines;
(3) 200,800 c.y. rdwy. excav., unclass.
(4) 937,000 sta. yds. overhaul;
(5) 800 c.y. ditch and channel excav.
(6) 88,000 c.y. imported borrow;
(7) 900 c.y. struct. excav.;
(8) 659 sta. finishing rdwy.;
(9) 11,600 lbs. bar reinf. steel (struc.)
(10) 162 c.y. Class A Portland cement concrete (structures);
(11) 76 l.f. 12-in. CMP;
(12) 1,116 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 108 l.f. 48-in. CMP;
(16) 40 l.f. 60-in. CMP;
(17) 92 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED.

HOOD RIVER CO., Oregon.—Until March 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.91 mile grading and penetration type bituminous macadam wearing surface on the Cascade Locks Section of Columbia River Highway, U. S. P. W. Project NRH 174-B in Hood River County.

The work involves approximately 19,000 c.y. excavation; 7,200 l.f. concrete curb; 9,000 c.y. pit-run gravel sub-base and shoulder materials, and 19,000 sq. yds. penetration type bituminous macadam wearing surface.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

SAN FRANCISCO.—Until April 3, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 351, City Hall, for the improvement of Fitzgerald Ave. between Jennings St. and Third St., including the crossing of Fitzgerald Ave. and Keith St., by grading to official line and subgrade. Estimated cost, $2,500.

The work involves:

(1) 4,500 c.y. grading (excavation);
(2) 110 c.y. grading (embankment);
(3) 632 l.f. 12-in. vitrified clay pipe sewer, in place;
(4) 46 12x6-in. vitrified clay pipe "T" branches in place;
(5) 1 brick catchbasin, complete;
(6) 35 l.f. 10-in. vit. clay pipe culvert, in place;
(7) 2 brick manholes, complete.

Plans and specifications obtainable at Room 351, City Hall, upon deposit of $10.00.

BIDS WANTED

KITTITAS COUNTY, Wash.—Until April 2, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and asphaltic concrete about 0.4 mile and constructing a steel girder underpass of the C. M. St. P. & P. R. R. Co. track on State Road No. 7, in the City of Ellensburg, U.S.P.W. Project Nos. NRM 148-D and NRH 148-B, in Kittitas County.

The work involves about 16,650 cu. yds. of excavation and grading berrow; 6090 sq. yds. Portland cement concrete pavement; 306 tons asphaltic concrete pavement; 2171 lin. ft. pipe culverts; 510 cu. yds. concrete; 270,000 lbs. structural steel; 1920 lin. ft. pre-cast concrete piling, and other items.

Plans and specifications obtainable from above office upon deposit of $2.

BIDS WANTED

THURSTON COUNTY, Wash.—Until April 2, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and constructing a portion of a concrete bridge on about 0.1 mile of State Road No. 9, West Fourth St. Bridge Revision and Harrison and Rogers Avenue intersection in the City of Olympia, U.S.P.W. Project No. NRM 200-A, in Thurston County.

The work involves about 1320 sq. yds. Portland cement concrete pavement; 226 lin. ft. pipe culverts, 333 cu. yds. concrete, 1160 lin. ft. pre-cast concrete piling and other items.

Plans and specifications obtainable from above office upon deposit of $2.

BIDS WANTED

DOUGLAS COUNTY, Oregon—Until March 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.61 mile pavement widening and resurfacing on the Roseburg Section of Pacific Highway, U.S.P.W. Projects NRM 78-C and 78-D in Douglas County.

The work involves approximately 3600 lin. ft. concrete curb; 3600 sq. yds. Portland cement concrete pavement; 600 sq. yds. Portland cement concrete base, and 1600 tons abphaltic concrete.

Plans and specifications obtainable from State Highway Commission, Rm. 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

COOS COUNTY, Oregon—Until Mar. 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.34 mile pavement widening and resurfacing on the Golden Avenue-Johnson Avenue Unit, Marshfield Section of Oregon Coast Highway, U.S.P.W. Project NRM 141-F, in Coos County.

The work involves approximately 1200 sq. yds. Portland cement concrete pavement and 6000 sq. yds. asphaltic concrete resurfacing.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

PROJECT APPROVED

LODI, San Joaquin Co., Cal.—SERA has approved a supplemental appropriation of $8270 for constructing curbs, gutters, sidewalks and driveways in the City of Lodi. C. H. Sawyer will supervise the project which will employ 37 laborers.

MINERAL & LYON COUNTIES, NEV.—28.05 Mi. Highway Constr. (State)

MINERAL, Lyon and Churchill Cos., Nev.—Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, 873 81st Ave., Oakland, at $167-847.83, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 13, for construction of a portion of the State highway system in Mineral, Lyon and Churchill counties, between Schurz and 9.6 miles south of Fallon, Route 1A, Sections A, C1, and C2, a length of 28.05 miles.

The work involves:

(1) 892 l.f. remove culvert pipe;
(2) 116,330 c.y. roadway excavation;
(3) 189,650 yd. sta. overhaul;
(4) 53,095 c.y. select borrow;
(5) 1,155 c.y. structure excavation;
(6) 28.017 miles subgrade;
(7) 28.046 miles finish roadway;
(8) 97,440 tons crushed stone or gravel surface;
(9) 122 c.y. Class A concrete;
(10) 97 c.y. Class B concrete;
(11) 14,700 lbs. reinforcing steel;
(12) 36.9 M. ft. BM redwood;
(13) 1,190 l.f. 18-in. CMP;
(14) 192 l.f. 24-in. CMP;
(15) 66 l.f. 30-in. CMP;
(16) 108 l.f. 36-in. CMP;
(17) 246 l.f. relay culvert pipe;
(18) 130 each monuments;
(19) 108 l.f. 18-in. concrete pipe;
(20) 514 l.f. 1.5x1.5-ft. laminated culvert;
(21) 80 l.f. 2x2-ft. do;
(22) 140 l.f. 3x3-ft. do;
(23) 34 l.f. 3x3-ft. do;
(24) lump sum railroad crossing;
(25) 10 each remove culvert headwalls (concrete);
(26) 14 each remove culvert headwalls (dry rubble);
(27) 514,573 gals. asphalt road material, type SC2;
(28) 184.71 tons do, Type MC2;
(29) 28.046 miles roadmix.

Total bids follow:

(A) Fredrickson & Watson Const. Co., Fredrickson Bros. and Jones and King, Oakland, Cal., $167,847.83.
(B) Peninsula Paving Co., Fallon, Nevada, $179,869.82.
(C) Nevada Rock & Sand Co., Reno, $186,175.80.
(D) George French, Jr., Stockton, Cal., $186,193.56.
(E) Olof Nelson, Logan, Utah, $190,719.35.
(F) Isbell Const. Co., Carson City, $191,008.51.
(G) Dodge Const., Inc., Fallon, $192,752.21.
(H) Jack Casson, Hayward, $194,325.[illegible]
(I) A. Teichert & Sons, Sacramento, $197,380.63.
(J) Utah Const. Co., Ogden, Utah, $198,079.07.
(K) George Pollock Co., Sacramento, $198,568.20.
(L) Engineer's estimate, $198,493.23.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ .40	$ .70	$ .50	$ 1.00	$ 1.00	$ .75	$ 1.00	$ .75	$ .50	$ .50	$ .50	$ .75
(2)	.20	.26	.28	.30	.25	.27	.28	.34	.32	.30	.30	.28
(3)	.01	.02	.02	.02	.03	.02	.02	.02	.01	.03	.02	.02
(4)	.35	.40	.38	.40	.50	.50	.40	.45	.40	.45	.50	.40
(5)	1.00	1.50	1.50	1.50	1.00	1.25	1.00	.75	1.00	1.00	1.00	1.00
(6)	125.00	100.00	100.00	50.00	100.00	100.00	100.00	75.00	125.00	75.00	200.00	100.00
(7)	125.00	165.00	100.00	100.00	100.00	150.00	150.00	200.00	125.00	200.00	200.00	100.00
(8)	.53	.48	.55	.55	.55	.55	.60	.53	.60	.55	.56	.60
(9)	20.00	26.00	28.00	30.00	20.00	30.00	25.00	24.00	25.00	28.00	30.00	30.00
(10)	23.00	25.00	25.00	30.00	20.00	30.00	25.00	24.00	25.00	28.00	30.00	30.00
(11)	.05	.06	.07	.04	.07	.07	.06	.045	.055	.08	.05	.07
(12)	90.00	120.00	100.00	110.00	100.00	110.00	110.00	95.00	100.00	120.00	100.00	120.00
(13)	1.65	2.00	2.25	1.75	1.50	1.85	2.00	1.50	2.00	1.70	2.00	2.00
(14)	2.90	2.50	3.00	2.75	2.30	2.25	2.75	1.50	3.00	2.60	3.00	3.00
(15)	3.20	3.50	3.75	3.50	3.00	3.50	3.25	2.75	4.00	3.50	4.00	3.75
(16)	4.50	5.50	5.00	5.50	4.50	5.00	5.00	4.10	5.00	5.20	6.00	5.00
(17)	.05	.50	.75	1.00	.50	1.00	1.00	.60	1.00	1.00	.50	.75
(18)	3.00	2.50	3.00	4.00	4.00	3.50	3.00	3.35	3.00	3.00	3.00	4.00
(19)	2.50	3.00	4.50	3.00	2.50	2.50	3.25	1.50	2.50	3.00	3.00	2.50
(20)	3.65	2.75	4.00	3.00	4.00	3.00	3.50	3.25	3.00	3.00	3.00	2.75
(21)	4.20	3.50	4.50	4.00	5.00	4.00	4.50	3.65	5.00	4.00	4.00	3.50
(22)	6.30	5.50	6.50	5.50	6.00	5.00	6.75	6.00	6.50	5.50	6.00	5.00
(23)	7.30	6.00	7.50	7.00	7.00	7.00	8.00	6.75	8.00	7.00	7.00	6.00
(24)	300.00	450.00	300.00	500.00	200.00	450.00	300.00	250.00	300.00	400.00	100.00	450.00
(25)	10.00	10.00	5 .00	10.00	5.00	6.00	7.50	5.00	10.00	8.00	5.00	5.00
(26)	4.00	2.00	4.00	5.00	5.00	1.50	3.00	3.00	10.00	6.00	5.00	1.00
(27)	.06	.062	.06	.06	.06	.06	.06	.0675	.0625	.07	.06	.07
(28)	23.00	25.00	22.00	23.00	22.50	22.50	23.00	24.00	24.00	24.00	22.00	22.00
(29)	450.00	475.00	500.00	400.00	600.00	450.00	500.00	400.00	550.00	400.00	450.00	550.00

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until April 11, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile paving with asphalt concrete and Portland cement concrete in Los Angeles County between Ocean Ave. and Lincoln Blvd.

The work involves:

(1) 30 stations clearing and grubbing right-of-way;
(2) 300 M gals. water;
(3 28,000 cu. yds. rdwy. excav., unclass;
(4) 9000 tons selected material;
(5) 4500 cu. yds. structure excav.;
(6) 16,000 sq. yds. subgrade preparation;
(7) 30 stations finishing roadway;
(8) 65 tons liquid asphalt SC-2 (shoulders);
(9) 7900 sq. yds. preparing, mixing, and shaping shoulders;
(10) 10 tons liquid asphalt 90-95 (seal coat);
(11) 100 tons screenings (seal coat);
(12) 1050 tons asphalt concrete, exclusive of central forty foot width;
(13) 41,000 lbs. bar reinf. steel (structures);
(14) 590 cu. yds. Class A Portland cement concrete (structures);
(15) 260 lin. ft. 18-in. standard reinf. concrete pipe;
(16) 310 lin. ft. 18-in. CMP;
(17) 630 cu. yds. Class A Portland cement concrete (curbs, gutters & sidewalks);
(18) 500 sq. yds. asphaltic paint binder
(19) 280 cu. yds. conc. removed and disposed of;
(20) 2100 lbs Misc. iron and steel;
(21) 450 lin. ft. curb armor;
(22) 2000 lbs. steel rail assemblies;

ALTERNATIVE ITEMS

Central 40 ft. strip Station 86+50 to Station 115+20.76.

ALTERNATIVE "A"

(23) 5330 tons asphalt concrete;

ALTERNATIVE "B"

(24) 2390 cu. yds. Class A Portland cement concrete (pavement);
(25) 6500 lbs. bar reinf. steel (pavement);
(26) 3500 each pavement dowels;
(27) 9 tons liquid asphalt SC-1A (subgrade treatment);
(28) 14 tons Grade E asphalt (subgrade treatment).

NOTE — Alternative "A" sets forth the necessary item for the construction of the pavement with asphalt concrete; Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED.

MULTNOMAH CO., Oregon.—Until March 28, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for 0.59 mile pavement resurfacing on the Ash Street-Jefferson Street Unit, Fourth Ave., Portland Section of West Side Pacific Highway, U.S.P.W. Project NRM 203-C, in Multnomah Co.

The work involves approximately 1,050 c.y. Portland cement concrete base; 4,200 tons asphaltic concrete pavement and removal of approximately 6,000 l.f. railway track; 6,200 sq. yds. Belgian block pavement, and 12,700 sq. yds. wood block pavement.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

OAKLAND, Alameda Co., Cal.—Until March 26, 7:30 P. M., bids will be received by the Oakland City Board of Playground Directors, R. W. Robertson, Secretary, for surfacing Volley Ball, Basket Ball, Hand Ball, and Paddle Tennis Courts in Moswood Playground. The area to be surfaced is approximately 19,000 sq. ft. Bids will be taken on natural rock asphalt, sheet asphalt and lay-kold surfacing.

Specifications obtainable from the Secretary at Room 315, City Hall, upon deposit of $1.

DS OPENED.

TEHAMA COUNTY, Calif. — Hemstreet & Bell, 501 11th Street, P. O. Box 550, Marysville, at $16,730.30 submitted low bid to the State Highway Commission, Sacramento, for about 2 mile grading and surfacing with bituminous treated crushed gravel or stone, road mixed, placed on creek run gravel base, in Tehama County at the south entrance to the city of Red Bluff.

The work involves

(1) 10,500 cu. yds. rdwy. excavation (unclass.);
(2) 87,700 station yds. overhaul;
(3) 3600 cu. yds. imported borrow;
(4) 90 cu. yds. structure excav.;
(5) 1270 cu. yds. creek run gravel base;
(6) 13 tons liquid asphalt SC-2 prime coat;
(7) 1700 sq. yds. paint binder;
(8) 1550 cu. yds. crushed gravel or stone (bituminous treated surfacing);
(9) 109 tons liquid asphalt ROMC-3, 4 or 5 (bituminous treated surfacing);
(10) 9 tons liquid asphalt ROMC-3, 4 or 5 (seal coat);
(11) 1 cu. yd. Class A Portland cement concrete (structures);
(12) 25 lbs. bar reinf. steel (structs.);
(13) 84 lin. ft. 12-in. CMP;
(14) 182 lin. ft. 18-in. CMP;
(15) 57 lin. ft. removing and salvaging existing culverts;
(16) 2 each headwalls moved and reset;
(17) 465 cu. yds. removed from existing pavement and disposed of;
(18) 190 M. gals. water;
(19) 8 each culvert markers;
(20) 54 stations finishing rdwy.;
(21) 19 each monuments complete in place.

Total bids follow:

(A) Hemstreet & Bell, Marysville, $16-730.30.
(B) A. G. Raisch, San Francisco, $16,-920.80.
(C) A. Teichert & Son, Inc., Sacramento, $17,274.10.
(D) Hein Bros. Basalt Rock Co. and Sidney Smith, Petaluma, $19,064.-70.
(E) Kennedy Const. Co., Oakland $19,-372.50.
(F) E. A. Forde, San Anselmo, $23,-794.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .30	$ .30	$ .30	$ .375	$ .45	$ .40
(2)	.01	.007	.003	.007	.01	.01
(3)	.50	.67	.32	.42	.55	1.00
(4)	1.25	1.00	1.00	2.00	1.00	1.50
(5)	1.00	.84	.55	.70	.85	1.50
(6)	17.00	20.00	20.00	16.50	11.50	15.00
(7)	.04	.03	.03	.15	.05	.02
(8)	3.00	3.20	4.66	3.90	4.00	5.00
(9)	21.00	18.00	22.00	25.00	17.00	21.00
(10)	21.00	18.00	25.00	23.00	18.00	21.00
(11)	30.00	30.00	25.00	30.00	25.00	25.00
(12)	.08	.10	.10	.10	.10	.08
(13)	1.30	1.25	1.50	1.70	1.50	1.50
(14)	1.80	1.75	1.75	2.00	2.00	2.00
(15)	1.00	.30	.60	1.00	.50	.50
(16)	10.00	10.00	15.00	15.00	10.00	10.00
(17)	2.00	2.00	1.50	2.00	2.00	3.00
(18)	1.50	2.00	1.00	1.50	1.75	1.50
(19)	2.00	2.00	1.60	2.00	2.00	2.50
(20)	5.00	3.00	5.00	10.00	5.00	5.00
(21)	3.00	3.00	3.00	5.00	3.00	5.00

CONTRACT AWARDED.

LOS ANGELES COUNTY, Calif. — Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $190,-723.25 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete tunnel arch and about 0.2 mi. of roadway to be graded and paved with Portland cement concrete and asphalt concrete, in Los Angeles County at Ocean Ave. and Colorado Ave.

VENTURA COUNTY — 1.7 Mi. Grading, Etc. — (State)

VENTURA COUNTY, Calif. — A. S. Vinnel Co., 969 Amalia Ave., Los Angeles, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, Mar. 14 at $27,729.75, for highway construction in Ventura county between Camarillo State Hospital buildings and Lewis Road, about 1.7 miles in length to be graded, the roadbed to be treated with fuel oil and a seal coat applied, involving:

(1) 91 stations clear and grub right-of-way;
(2) 5700 cu. yds. roadway excavation, unclass.;
(3) 2500 station yds. overhaul;
(4) 42,600 cu. yds. imported borrow;
(5) 900 cu. yds. structure excav.;
(6) 250 cu. yds. Class A Portland cement concrete (structures);
(7) 23,500 lbs. bar reinf. steel (structures);
(8) 210 lin. ft. 18-in. C.M.P.;
(9) 110 lin. ft. 24-in. C.M.P.;
(10) 255 tons fuel oil;
(11) 30,500 sq. yds. preparing, mixing and shaping roadbed;
(12) 40 tons asphaltic road oil (seal coat);
(13) 420 tons screenings (seal coat)
(14) 610 M. gals. water;
(15) 91 stations finishing roadway.

The total bids were:

(A) A. S. Vinnel Co., Los Angeles, $27,729.75.
(B) Dimmitt & Taylor, Los Angeles, $29,196.50.
(C) Gogo & Rados, Los Angeles, $30,-798.00.
(D) Jas. S. Butler, San Luis Obispo, $33,365.00.
(E) Silverla & Robbins, Ventura, $33,-167.50.
(F) Basich Bros., Torrance, $33,736.50.
(G) Sharp & Fellows Contr. Co., Los Angeles, $39,467.50.
(H) Geo. J. Bock & Son, Los Angeles, $43,278.75.
(I) Geo. R. Curtis Paving Co., Los Angeles, $44,428.50.
(J) J. L. Conner, Monterey, $64,357.50

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 2.75	$ 2.50	$10.00	$ 3.00	$ 5.00	$10.00	$ 8.00	$ 3.50	$ 5.00	$5.00
(2)	.40	.37	.45	.50	.35	.60	.48	.57	.60	1.00
(3)	.02	.01	.02	.02	.015	.005	.04	.0065	.01	.01
(4)	.28	.305	.35	.42	.41	.35	.48	.585	.625	1.00
(5)	.70	.75	1.00	.50	.75	.90	.80	.75	1.00	1.00
(6)	17.00	18.00	13.00	16.00	16.00	21.00	19.00	16.45	18.50	20.00
(7)	.045	.045	.045	.045	.05	.05	.06	.05	.045	.05
(8)	2.00	2.00	1.70	1.50	1.80	1.90	2.00	2.55	1.80	1.75
(9)	3.00	2.90	2.50	2.25	2.60	3.00	2.75	3.00	2.75	2.50
(10)	7.40	8.00	8.00	9.00	8.00	8.00	9.00	9.10	8.10	11.00
(11)	.045	.055	.055	.04	.05	.05	.06	.05	.05	.05
(12)	12.00	15.00	15.00	15.00	15.00	15.00	18.00	18.20	15.25	20.00
(13)	3.50	3.25	2.50	2.50	3.50	3.00	3.90	4.55	4.00	3.00
(14)	1.50	1.50	1.00	1.00	1.00	.90	1.50	1.65	.50	1.50
(15)	4.50	3.00	6.00	5.00	5.00	6.00	5.00	5.00	5.00	5.00

CLARK COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Cal. at $8,904.97, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, March 13, for the construction of an asphaltic roadmix surface in Clark County from the junction of Route 6 to Logandale, a length of 6.12 miles.

The work involves:

(1) 93,555 gals. asphaltic road material, Type SC-2;
(2) 36.50 tons do. Type MC-2;
(3) 6.10 miles roadmix;
(4) 6.10 miles finishing roadway.

Total bids follow:

(A) U. B. Lee, San Leandro, $8,904.97
(B) G. French, Jr., Stockton 10,801.28
(C) J. C. Compton, McMinnville, Oregon 11,842.88
(D) Dodge Const., Inc., Fallon, Nevada 12,076.62
(E) Jack Casson, Hayward 14,394.95
(F) Engineer's estimate 10,381.30

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .054	$ .06	$ .063	$ .075	$ .09	$ .06
(2)	22.00	25.15	27.00	30.00	30.00	22.00
(3)	450.00	600.00	600.00	600.00	600.00	550.00
(4)	50.00	100.00	183.00	50.00	200.00	100.00

SAN FRANCISCO — Cast Iron Mains, W. D. 56 — (CITY)

SAN FRANCISCO — W. J. Tobin, 3701 Balfour Ave., Oakland, at $49,-530.35 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 56, for laying 12- and 16-in. cast iron feeder mains in the southwest section of San Francisco.

The work involves:

(1) Excavation and backfill;
  (a) for 12-in. cast iron pipe, trench 24-in. wide by 44-in deep, 7,160 l.f.
  (b) for 16-in. cast iron pipe, trench 30-in. wide by 48-in. deep, 22,080 lin. ft.;
(2) Additional excavation and backfill, 1,010 c.y.;
(3) Additional pavement removal and replacement, 1920 sq. ft.;
(4) Installing of pipe:
  (a) 7,160 l.f. 12-in. bell and spigot cast iron pipe;
  (b) 22,080 l.f. 16-in. do;
(5) Installing 75,680 lbs. of fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 8,150 l.f. bell and spigot joints;
(7) Repavement, 76,470 sq. ft.

Total bids follow:

(A) W. J. Tobin, Oakland, $49,530.85.
(B) Eaton & Smith, San Francisco, $50,092.10.
(C) E. J. Treacy, San Francisco, $50,542.07.
(D) R. B. McNair and H. Gould, Oakland, $54,491.20.
(E) Chas. L. Harney, San Francisco, $55,879.01.
(F) Fay Improvement Co., San Francisco, $60,553.39.
(G) Lowrie Paving Co., Inc., San Francisco, $61,531.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1a)	$ .54	$ .63	$ .60	$ .60	$ .61	$ .825	$ .54
(1b)	.62	.70	.71	.76	.74	.90	.84
(2)	1.20	1.02	1.50	1.50	1.00	1.50	2.50
(3)	.20	.30	.30	.35	.30	.30	.35
(4a)	.14	.15	.20	.21	.10	.188	.12
(4b)	.30	.25	.254	.29	.16	.227	.15
(5)	.03	.025	.015	.02	.01	.015	.02
(6)	.35	.30	.38	.33	.57	.792	.35
(7)	.225	.23	.225	.25	.313	.245	.32

All bids referred to the City Engineer and the PWA.

BIDS OPENED

FORT MASON, Cal.—Pacific States Constr. Co., 708 Call Bldg., San Francisco, at $4428.93 submitted low bid to the Construction Quartermaster, Fort Mason, under Spec. No. W 6616-55-11, for concrete and asphalt paving in the dock area at Fort Mason.

Complete bids follow:

Pacific States Constr. Co.	$4128.93
A. G. Raisch	4774.00
Fay Improvement Co.	5189.00
Theo. Cohn	5465.00
E. J. Treacy	5500.00
Lowrie Paving Co.	5585 00
Eaton & Smith	5635.00
Chas. L. Harney	5947.74

All bidders of San Francisco.

Bids forwarded to Washington for award.

BIDS WANTED.

PIMA COUNTY, Arizona — Until March 26, 10:00 A. M., bids will be received by the Arizona Highway Commission, Phoenix, for highway construction on the Ajo-Tucson Highway, NRS 110-A (1935), AFE 604. The work, which begins about 5 miles southwest of Tucson and extends westerly 5.6 miles consists of grading, draining, aggregate base course and oil processing (road mix using road oil). The principal quantities are:

(1) 6300 cu. yds. roadway excav.;
(2) 2200 cu. yds. drainage excav.;
(3) 16,500 cu. yds. borrow excav.;
(4) 6800 cu. yds. aggregate base course;
(5) 8900 cu. yds. mi. aggregate base course haul;
(6) 85 cu. yds. Class A concrete;
(7) 6000 lbs. reinforcing steel;
(8) 456 ft. corr. metal pipe;
(9) 478 ft. construct fords;
(10) 100 hours rolling;
(11) 100 M gallons sprinkling;
(12) 1650 cu. yds. shoulder material (CIP);
(13) 5500 cu. yds. mineral aggregate (CIP);
(14) 104,500 gallons road oil;
(15) 100 tons emulsified asphalt Class A;
(16) 5.6 miles processing road mix;
(17) 430 cu. yds. screenings.

Certified or cashier's check, 5%. T. S. O'Connell, State Highway Engineer.

COMPLETE BID LISTING

LYON COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Cal. at $6,042.33, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, March 13, for the construction of an asphaltic road-mix surface in Lyon County from two miles east of Moundhouse to Silver City, a length of 3.44 miles.

The work involves:

(1) 64,597 gals. asphaltic road material, Type SC-2;
(2) 22.66 miles do, Type MC-2;
(3) 3.44 miles roadmix;
(4) 3.44 miles finishing roadway.

Total bids follow:

(A) U. B. Lee, San Leandro	$5,042.33
(B) J. A. Casson, Oakland	9,262.20
(C) Dodge Const. Co., Fallon	9,375.50
(D) Engineer's estimate	7,312.96

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ .06	$ .10	$ .10	$ .07
(2)	23.50	25.00	30.00	24.50
(3)	450.00	500.00	600.00	550.00
(4)	25.00	150.00	50.00	100.00

CONTRACT AWARDED.

VALLEJO, Solano Co., Calif.—Independent Const. Co., Ltd., 46th Ave. and Clement St., Oakland, at $19,567 awarded contract by the Vallejo City Council for the improvement of Napa Road from the northern line of Tennessee Street to the northern boundary of the city, including all intervening crossings.

SOLANO COUNTY — 0.7 Mile Grade and Surface — (State)

SOLANO COUNTY, Cal. — Pacific States Construction Co., 708 Call Bldg., San Francisco, at $19,745.85 submitted low bid to the State Highway Commission, Sacramento, for about 0.7 mile grading and surfacing with bituminous treated crushed gravel or stone, plant mix, through Fairfield, Solano County.

(1) 700 c.y. rdwy. excav., unclass.
(2) 850 c.y. selected material;
(3) 550 c.y. structure excavation;
(4) 65 c.y. Class A Portland cement concrete (sidewalks, curbs and gutters);
(5) 30 c.y. do (structures);
(6) 2500 lbs. bar reinf. steel (struc.);
(7) 326 l.f. 12-in. CMP;
(8) 524 l.f. 15-in. CMP;
(9) 798 l.f. culverts remove and salvage;
(10) 1 each cast steel frame and cover for drop inlet
(11) 19 each steel covers Type A curb inlets;
(12) 21 each Type B do;
(13) 7 each steel grates, Type A-1;
(14) 12 each do, Type A-2;
(15) 7 each do, Type B-1;
(16) 14 each do, Type B-2;
(17) 300 c.y. removing and disposing of concrete;
(18) 130 c.y. salvaged pavement base;
(19) 160 tons crusher run base;
(20) 3000 tons bituminous treated surfacing;
(21) 21,400 sq. yds. paint binder emulsified asphalt;
(22) 21,500 sq. yds. seal coat do.

Total bids follow:

(A) Pacific States Constr. Co., San Francisco, $19,745.85.
(B) A. G. Raisch, San Francisco, $19,795.10.
(C) Ransome Co., Emeryville, $20,187.75.
(D) Peninsula Paving Co., San Francisco, $20,194.76.
(E) Chas. L. Harney, San Francisco, $20,760.70.
(F) United Contracting Co., Portland, Oregon, $21,748.
(G) Lee J. Immel Berkeley, $22,552.
(H) E. A. Forde, San Anselmo, $23,199.50.
(I) A. Teichert & Son, Inc., Sacramento, $23,639.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .80	$ 1.00	$ 1.40	$ .50	$ .95	$ 1.00	$ 1.00	$ 1.00	$ .90
(2)	1.00	1.00	1.78	1.25	1.10	1.25	1.20	2.00	1.20
(3)	1.10	1.00	1.13	1.30	1.50	1.25	1.00	1.50	1.20
(4)	13.50	14.00	15.50	15.00	15.50	15.00	15.00	15.00	21.50
(5)	18.00	22.00	16.00	23.00	26.00	25.00	22.00	20.00	27.00
(6)	.05	.05	.05	.05	.05	.05	.05	.05	.06
(7)	1.25	1.15	1.20	1.05	1.30	1.25	1.40	1.50	1.50
(8)	1.35	1.40	1.40	1.30	1.50	1.50	1.50	2.00	1.70
(9)	.35	.20	.50	.12	.30	.25	.20	.50	.60
(10)	40.00	30.00	36.40	40.00	40.00	35.00	39.00	35.00	40.00
(11)	8.50	8.50	10.30	10.00	10.00	10.00	10.00	10.00	12.00
(12)	11.50	4.50	7.20	6.80	5.00	7.00	7.00	7.00	7.00
(13)	3.70	3.50	4.40	3.40	3.00	6.00	4.00	5.00	3.50
(14)	3.60	3.50	4.30	3.25	3.00	5.00	4.00	4.50	3.50
(15)	3.75	3.50	4.45	3.50	3.00	6.50	4.00	4.50	3.50
(16)	3.70	3.50	4.35	3.35	3.00	6.00	4.00	4.50	3.50
(17)	2.00	3.00	3.00	2.25	2.65	1.25	3.00	2.00	3.50
(18)	1.50	2.00	1.44	.80	.90	1.25	3.00	1.00	1.50
(19)	2.10	1.80	1.90	1.65	2.00	3.25	2.50	3.00	1.85
(20)	4.00	4.00	3.81	4.25	4.00	4.60	4.75	4.50	4.59
(21)	.02	.02	.01	.02	.03	.03	.01	.02	.03
(22)	.03	.02	.016	.02	.03	.03	.02	.03	.03

SAN FRANCISCO — Cast Iron Mains, W. D. 57 — (CITY)

SAN FRANCISCO—Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $38,584.80 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 57, for laying 12- and 16-inch cast iron feeder mains in the easterly section of San Francisco.

The work involves:

(1) Excavation and backfill;
  (a) for 12-in. cast iron pipe, trench 24-in. wide by 44-in deep, 12,930 lin. ft.;
  (b) for 16-in. cast iron pipe, trench 30-in. wide by 48-in. deep, 9,220 lin. ft.;
(2) Additional excavation and backfill, 690 c.y.;
(3) Additional pavement removal and replacement, 1,350 sq. ft.;
(4) Installing of pipe:
  (a) 12,930 l.f. 12-in. bell and spigot cast iron pipe;
  (b) 9,220 l.f. 16-in. do;
(5) Installing 41,780 pounds of fittings, gate valves, etc.;
(6) Making joints for pipe and fittings, 6,200 l.f. bell and spigot joints;
(7) Repavement, 53,800 sq. ft.

Total bids follow:

(A) Robert B. McNair and H. Gould, Oakland, $38,584.80.
(B) Frank O'Shea, San Francisco, $38,685.70.
(C) Eaton & Smith, San Francisco, $39,260.20.
(D) W. J. Tobin, Oakland, $39,969.40.
(E) Fay Improvement Co., San Francisco, $48,552.73.
(F) Pacific Pavements Co., Ltd., San Francisco, $53,540.20.
(G) Lowrie Paving Co., Inc., $53,739.10.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1a)	$ .66	$ .70	$ .93	$ .90	$1.145	$1.36	$1.33
(1b)	.74	.85	.70	.65	1.10	1.45	1.00
(2)	1.50	1.00	1.58	2.00	1.50	2.45	2.50
(3)	.35	.30	.29	.40	.30	.45	.35
(4a)	.21	.17	.15	.20	.188	.25	.15
(4b)	.29	.20	.25	.25	.227	.28	.18
(5)	.02	.02	.025	.03	.015	.03	.02
(6)	.33	.60	.29	.35	.792	.18	.30
(7)	.25	.225	.227	.225	.225	.225	.35

All bids referred to the City Engineer and the PWA.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser. The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 3, and in Los Angeles on April 4, 1935:

III-Sut-25-A, Br. acr. N. Fk. of N. Fk. of Yuba River at Downieville. Bids April 3 (PLANS) No. of sheets, 6, cost 60c; (CROSS-SECTIONS) No. of sheets, 9 cost 90c; total, $1.50.

IV-Ala-5-Hay, in the City of Hayward, bet. So. Hdry and B Street. Bids, April 3 (PLANS) No. of sheets, 5, cost 50c; (CROSS-SECTIONS) No. of sheets 9, cost 90c; total $1.40.

IV-Ala-105-Hay and Sla, in the City of Hayward and in the City of San Leandro. Bids April 3 (PLANS) none. (CROSS-SECTIONS) none.

VII-LA-26-L.A. & D., bet. Mission Road in L. A. and Atlantic Blvd. in Monterey Park. Bids April 4 (PLANS) No. of sheets, 29, cost, $2.90 (CROSS-SECTIONS) none, total, $2.90

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

LOS ANGELES COUNTY—TUNNEL ARCH, ETC—(STATE)

LOS ANGELES COUNTY, Calif.—Sharp & Fellows Contr. Co., 533 Central Bldg., Los Angeles (as previously reported) submitted low bid to C. H. Purcell, State Highway Engineer, State Bldg., Los Angeles, March 14, at $190,723.25 for highway construction in Los Angeles county at Ocean Ave. and Colorado Ave., consisting of a reinforced concrete tunnel arch and about 0.2 mile of roadway to be graded and paved with portland cement concrete and asphalt concrete, involving:

(1) 8 stations clearing and grubbing;
(2) 38,000 c.y. excavation, unclass.;
(3) 1,200 c.y. concrete to be removed and disposed of;
(4) 14,160 l.f. reinf. concrete piles;
(5) 15,000 c.y. backfill;
(6) 7,400 sq. yds. subgrade for pavement;
(7) 6,600 c.y. Class A Portland cement concrete (structures);
(8) 870 c.y. do (pavement);
(9) 200 c.y. do (curbs, gutters and sidewalks);
(10) 880 tons asphalt concrete (base leveling and Type A surface courses);
(11) 25 tons asphalt concrete (Type B surface course);
(12) 5 tons fuel oil (subgrade treatment);
(13) 8 tons Grade E asphalt;
(14) 300 sq. yds. asph. paint binder;
(15) 835,000 lbs. bar reinf. steel;
(16) 900 each pavement dowels;
(17) 2,500 lbs. misc. iron and steel;
(18) 1,400 lbs. copper strips;
(19) 260 l.f. 4-in. cast iron pipe;
(20) 4 l.f. 12-in. reinf. concrete pipe;
(21) 144 l.f. 18-in. do;
(22) 170 l.f. 8-in. perf. metal pipe underdrains;
(23) 26 l.f. 8-in. CMP;
(24) 44 l.f. 12-in. CMP;
(25) 570 sq. yds. tile work;
(26) 1 lot ornamental iron railing;
(27) 700 M. gals. water;
(28) 1 lot lighting equipment;
(29) 12 stations finishing rdwy.;
(30) 1 lot misc. items of work.

The total bids were:

(A) Sharp & Fellows Contracting Co., Los Angeles, $190,723.25.
(B) M. B. McGowan, Inc., San Francisco and C. W. Calcetti & Co., San Rafael, $195,733.
(C) Fredrickson & Watson Const. Co., and Fredrickson Bros., Oakland, $195,909.75.
(D) Bannister-Field Co., Ltd., and F. E. Potts Co., Los Angeles, $196,491.
(E) Bent Bros., Inc., Los Angeles, $196,521.50.
(F) Hodenhamer Const. Co., Oakland, $197,208.70.
(G) J. F. Kapp, Oakland, $197,850.
(H) Clinton Const. Co., Los Angeles, $200,248.
(I) Mundo Engr. Co., Los Angeles, $206,921.10.
(J) R. H. Travers, Chas. Willis and C. G. Willis & Sons, Los Angeles, $207,585.01.
(K) Bates & Rogers Const. Co., Oakland, $209,967.95.
(L) United Concrete Pipe Co., Los Angeles, $219,670.
(M) Daley Corp., San Diego, $223,485.15.
(N) J. E. Haddock, Ltd., Pasadena, $225,215.20.
(O) Griffith Co., Los Angeles, $227,478.50.
(P) Mittry Bros. Const. Co., Los Angeles, $249,701.30.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
(1)	$ 10.00	$ 5.00	$ 10.00	$ 5.00	$ 10.00	$ 50.00	$ 50.00	$25.00	$ 5.00	$ 20.00	$ 2.00	$ 10.00	$ 100.00	$ 10.00	$ 5.00	$ 10.00
(2)	.275	.45	.45	.50	.60	.40	.30	.40	.365	.485	.325	.50	.68	.50	.75	.75
(3)	3.00	3.00	3.00	5.00	2.50	2.50	4.00	4.00	3.00	2.00	4.00	2.25	5.65	3.70	4.00	2.00
(4)	2.08	2.00	2.10	2.15	2.26	2.25	1.75	2.10	2.27	2.10	2.06	1.85	2.25	2.12	2.10	2.60
(5)	.36	.20	.30	.26	.68	.30	.30	.31	.38	.21	.24	.35	.35	.20	.25	.50
(6)	.12	.10	.12	.15	.25	.10	.12	.10	.15	.14	.10	.15	.12	.15	.17	.14
(7)	12.95	13.00	12.50	12.25	11.00	12.50	14.00	12.50	14.00	14.00	15.75	15.50	14.00	16.50	15.85	16.60
(8)	8.75	7.50	7.60	7.20	9.00	10.00	9.00	10.00	8.50	8.50	8.00	9.50	9.80	8.50	7.75	11.00
(9)	14.85	12.00	13.00	11.30	12.00	12.00	16.00	14.00	12.00	14.00	13.00	15.00	14.00	14.00	11.00	14.50
(10)	3.55	4.00	4.25	3.35	3.50	3.80	3.50	4.50	3.50	3.55	3.75	3.65	4.25	4.00	3.50	4.25
(11)	3.85	4.00	4.25	4.00	3.50	3.80	4.00	6.00	3.50	3.55	3.75	4.00	4.75	25.00	3.50	4.50
(12)	12.00	10.00	11.00	12.00	12.00	12.00	15.00	15.00	10.00	32.00	12.00	10.00	7.00	10.00	13.00	12.50
(13)	19.50	15.00	18.00	27.50	20.00	25.00	25.00	22.00	20.00	37.50	18.00	30.00	12.00	20.00	25.00	26.00
(14)	.04	.10	.06	.04	.04	.20	.05	.10	.05	.05	.03	.05	.03	.05	.08	.12
(15)	.0375	.04	.04	.041	.038	.04	.04	.0442	.0425	.0395	.038	.04	.042	.04	.04	.0425
(16)	.12	.15	.12	.12	.10	.12	.10	.20	.15	.14	.195	.12	.15	.14	.12	.12
(17)	.10	.20	.15	.075	.10	.10	.10	.12	.12	.10	.11	.15	.11	.11	.09	.18
(18)	.24	.50	.50	.40	.50	.20	.25	.35	.45	.30	.40	.30	.40	.40	.40	.30
(19)	.85	1.50	.80	1.00	1.00	.75	.30	.100	1.00	.27	1.00	1.00	.50	1.00	1.50	1.10
(20)	3.75	3.00	1.50	3.00	2.50	1.80	1.50	4.00	5.00	4.50	5.50	5.00	3.00	2.00	4.00	3.00
(21)	2.90	3.50	1.75	.00	2.50	2.50	2.50	4.00	2.60	3.70	4.30	3.00	2.60	2.50	3.00	3.80
(22)	1.00	2.00	2.00	1.00	1.50	1.00	2.00	2.00	1.25	1.40	1.05	2.00	1.30	1.50	1.50	2.00
(23)	1.00	2.00	1.00	.00	1.00	1.00	1.00	2.00	1.00	1.00	1.65	2.00	2.00	1.00	1.25	1.10
(24)	1.40	2.00	1.25	2.50	1.50	1.50	1.25	2.00	1.25	1.54	2.00	2.50	1.50	1.50	1.50	1.50
(25)	7.70	7.00	7.25	.35	7.00	7.75	7.50	7.70	6.50	5.50	6.75	7.00	6.60	8.00	6.10	7.10
(26)	350.00	250.00	350.00	275.00	350.00	400.00	350.00	400.00	380.00	200.00	330.00	500.00	350.00	385.00	325.00	580.00
(27)	.65	.50	1.00	.50	.75	.50	.50	.50	.50	1.50	.50	.50	1.00	1.00	.65	1.00
(28)	2230.00	1000.00	2500.00	1936.00	2250.00	3000.00	2850.00	3400.00	2375.00	1714.00	2377.00	2500.00	2150.0	2500.00	2000.00	2750.00
(29)	5.00	5.00	6.50	8.00	4.00	10.00	6.00	10.00	5.00	10.00	10.00	10.00	10.00	10.00	12.00	9.00
(30)	950.00	2617.00	1000.00	880.00	300.00	1000.00	1500.00	6500.00	500.00	5440.00	1200.00	1000.00	315.00	500.00	500.00	1250.00

Section 1351 P. L. & R.
U S POSTAGE
PAID
San Francisco Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Bridge Approach Structure Bids April 17

General Contractors To Open Depositories

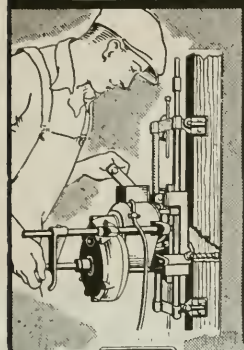
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

H 30, 1935

Vol. XVIII—No. 13

WAPPAT Electric TOOLS



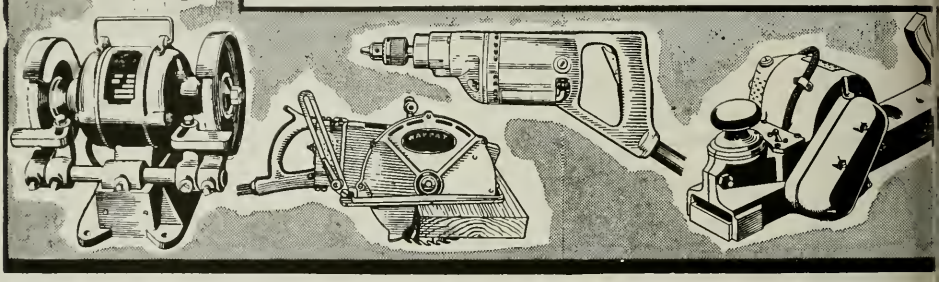
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MARCH 30, 1935 No. 13

Bids April 17 On Traffic Distribution Viaducts For Eastbay Bridge Approach

SACRAMENTO, March 26.—The State Highway Commission today fixed April 17 as the date for receiving bids on the contract to construct the traffic distribution structure on the Eastbay approach to the San Francisco Bay Bridge. The bids will be opened in Sacramento.

This structure is located directly east of the site for the administration building and toll plaza on the highway fill. Of complicated design, it consists of a viaduct system that will provide not only highway grade separation for all its cross roadways of highway traffic, but also grade separation for the main line steam trains of both the Southern Pacific and Santa Fe railroads and for the suburban electric lines of both the Southern Pacific company and Key System, totaling in all, 16 grade separations.

The detailed structural design and construction is under supervision of C. E. Andrew, bridge engineer for the San Francisco-Oakland bridge. General control features of design as affected by the highway approach requirements to the bridge are under jurisdiction of Col. Jno. H. Skeggs, district engineer, San Francisco.

Major estimated quantities for the structure are 22,000 cubic yards concrete; 4,500,000 pounds structural steel; 3,500,000 pounds reinforcing steel; 660,000 pounds pipe railing; 59,000 feet 4½-inch reinforcing trusses; 95,000 feet 5¼-inch reinforcing trusses. The contract will include also a complete electric lighting system.

The Highway Commission also authorized receipt of bids April 17 for three other construction contracts in Northern California as follows:

San Mateo County: Grading and paving with asphalt concrete two-tenths of a mile in the city of San Mateo, between Crystal Springs Rd. and Third Ave.

San Joaquin Co.: Grading and paving with asphalt concrete 3.8 miles between French Camp and Stockton.

Kern County: Grading and placing bituminous treated surfacing on 4.5 miles between one-half mile south and four miles east of Western Water Works pumping station.

GRAIN TERMINAL BIDS RECEIVED

STOCKTON, Mar. 27.—Trewhitt-Shields Co., Pacific Southwest Bldg., Fresno, today submitted the low bid to Port of Stockton Grain Terminal Association for constructing an addition to the grain terminal building. The low bid was $67,869. Four bids were received. The low bid and that of O. H. Chain, Stockton, second low at $72,600, were held until March 29 for award.

Huntington Quits Post as Director of State Division

Carlos W. Huntington, state director of professional and vocational standards and registrar of contractors, yesterday had submitted his resignation to Governor Frank Merriam. Col. Huntington announced he was leaving the state service to become president of Chemical Products, Inc., a firm manufacturing drugs and cosmetics.

The governor said:

"Mr. Huntington wishes to take a more lucrative position with a private firm and I would not wish to hold him under such circumstances."

Possible choice of a successor was not discussed by the governor. He said no announcement would be made until the appointment is definitely decided.

GROUP REPORTS ON CARPENTER AREA AGREEM'T

Forty-Hour Week and 90-Cent Wage Recommended By Contractors

A sub-committee of twelve contractors' organizations negotiating an area wage-hour agreement with bay district carpenters yesterday recommended a 40-hour week and a wage of 90 cents an hour.

The committee report was received by Joseph Cambiano, president of the State Council of Carpenters, David Ryan, secretary of the Bay District Council of Carpenters, and Bert Ward, secretary of the state council, for consideration by the carpenters' unions.

Members of the sub-committee for the contractors are George E. Greenwood, president, Associated General Contractors, Central California Chapter, H. J. Christensen, representing Eastbay general contractors, and Frank H. Hoyt, representing general contractors of Santa Clara county.

They are authorized to speak for a committee from twelve associations, representative of building contractors in San Francisco, San Mateo, Santa Clara, Alameda, Contra Costa, Marin and San Joaquin counties. W. E. Hague is acting as secretary for the committee.

The employing groups and labor organizations are anxious to reach an accord on wages and working conditions which will be presented to the NRA for acceptance as an area working agreement under terms of the Construction Code.

DINUBANS PLEDGE $60,000 REPAIRS

Residents of Dinuba pledged $60,380 for property modernization during the better housing campaign conducted there recently, and the two Dinuba banks have loaned over $20,000 for repairs, according to reports by the better housing committee. Pledges were made for 73 renovation jobs.

Hazen Redfern is chairman of the Dinuba compaign, E. L. Harriman is secretary, and E. J. McDonald, field manager.

CITY TO VOTE ON LOCAL JOB PREFERENTIAL

Charter Amendment Will Protect San Francisco Bidders By 10% Margin

A charter amendment fixing the terms for letting public works contracts and vesting in the Board of Supervisors authority to allow a ten percent differential in favor of shops manufacturing materials in San Francisco will be among the proposals submitted at the special election to be held May 2.

The amendment was drawn in response to the protests of San Francisco manufacturers and labor organizations against the letting of local contracts to outside firms.

The ten per cent preferential clause text follows:

The Board of Supervisors shall have full power and authority to enact all necessary ordinances to carry out the terms of this section and may by ordinance provide that any contract for any public work or improvement, or for the purchase of materials which are to be manufactured, fabricated or assembled for any public work or improvement, a preference in price not to exceed ten percent shall be allowed in favor of such materials as are to be manufactured, fabricated or assembled within the City and County of San Francisco as against similar materials which may be manufactured, fabricated or assembled outside thereof. When any such materials are to be fabricated, assembled or manufactured by any sub-contractor or materialman for the purpose of supplying the same to any contractor bidding on or performing any contract for any public work or improvement, said sub-contractor or materialman manufacturing, fabricating, assembling or furnishing said materials manufactured, assembled or fabricated within the City and County of San Francisco shall be entitled to the same preferential as would any original contractor or materialman furnishing the same if the Board of Supervisors shall by ordinance so provide. When any ordinance shall so provide any officer, board or commission letting any contract may in determining the lowest responsible bidder for the doing or performing of any public work or improvement add to said bid or sub-bid an amount sufficient not exceeding 10 percent in order to give preference to materials manufactured, fabricated or assembled within the City and County of San Francisco.

The same amendment establishes working conditions for public works contractors as follows: (1) eight hours shall be the maximum day; (2) wages shall be not less than the highest general prevailing rate in similar private employment; (3) laborers must be citizens of the United States; (4) laborers must be residents of the city and county not less than one year prior to entering employment on the contract, excepting that the contracting officer may waive residence qualifications upon a showing that there is insufficient local skilled labor of the type required.

NEVADA LETS TWO CONTRACTS

CARSON CITY, Nev., March 27.—Contract for construction of 20.86 miles of highway in Esmeralda and Mineral counties between Coaldale and Rhodes today was awarded to Dodge Construction Co., Inc., Fallon, at $97,930. The second low bid was submitted by Peninsula Paving Co., San Francisco, at $104,625.

The highway department also let a contract to U. B. Lee, San Leandro, at $26,097 for roadmix surfacing 16.6 miles of the Death Valley road in Nye county near the state line.

ROBT. McNAIR LOW BIDDER ON POTRERO MAIN

Seven Proposals Received For Third Section of Pressure System Extension

Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, yesterday submitted the low bid to the Department of Public Works for installing Section "C" of the Potrero District Extension to San Francisco's high-pressure fire protection mains. Amount of the low proposal was $69,815.

Second and third low bids, respectively, were submitted by Pacific Pavements Co., Ltd., at $70,048 and E. J. Treacy at $73,211.

The work will require, among other items, installation of 13,510 feet of bell-and-spigot pipe to be furnished by the city; construction of 39,973 square feet of asphalt concrete pavement, and furnishing and installing 64 tons of bell-and-spigot pipe.

Total bids submitted were as follows:

Robt. McNair and H. Gould, Oakland	$69,815
Pacific Pavements Co., Ltd., San Francisco	70,048
E. J. Treacy, San Francisco	73,211
Eaton & Smith, San Francisco	75,641
Peninsula Paving Co., S. F.	78,841
Herman Lawson Co., S. F.	78,848
Chas. L. Harney, S. F.	79,819

Cost of the work was estimated by the city engineer at $92,000. Section "C" is the third of the four stctions of the Potrero District extension to be advertised.

CITY TO BUILD FOUR COTTAGES

Bids for construction of four one-story cottages at San Francisco's Moccasin power plant, Tuolumne County, will be opened by the Public Utilities Commission, April 17.

The houses are to be of wood frame construction with concrete foundations. Exteriors will be finished with stucco; interior finish will be hardwall plaster. The cottages will be approximately 30 by 48 feet in size.

$94,361 TOTAL OF LOW BIDS ON S. F. SCHOOL

Letting of Segregated Contracts Indicated in Patrick Henry Figures

Low proposal for construction of the Patrick Henry school was submitted to the San Francisco Department of Public Works yesterday in a combination of segregated bids by O. Monson, 475 Sixth street, for the general contract; M. Desiano, 3117 Fillmore street, for mechanical work and plumbing; and Spencer Electric Company, 205 Webster street, Oakland, for electrical work. The low combination totaled $94,361, approximately $4,400 under the lowest consolidated bid.

O. Monson's low bid for general work was $83,757. Second and third low proposals for this contract were submitted by Leo Epp at $84,977, and James L. McLaughlin at $85,123, respectively.

For mechanical and plumbing work M. Desiano's low proposal was $8,317. Spencer Electric Company's figure for electrical work was $2,287.

F. C. Amoroso and Sons submitted the lowest single proposal consolidating general, electrical, and mechanical and plumbing work. His bid was $98,800.

Plans for the school, which will be a two-story reinforced concrete building to contain eight classrooms, were prepared by Architects W. D. Peugh and Gardner A. Dailey. Structural engineer was Walter Huber, and Leland and Haley were mechanical engineers for the project.

Total bids submitted for general work alone were as follows:

O. Monson	$83,757
Leo Epp	84,977
Jas. L. McLaughlin	85,123
H. L. Petersen & Claude Hoffmeyer	89,000
Frank J. Reilly	89,423
Anderson & Ringrose	90,000

For general work including mechanical, plumbing and electrical work, the following bids were received:

F. C. Amoroso & Sons	$98,800
Anderson & Ringrose	102,000
MacDonald & Kahn Co., Ltd.	103,301

Bids for mechanical work and plumbing were:

M. Desiano	$8,317
Scott Company	8,567
James Pinkerton	8,615
A. Ramazotti	8,650
O'Mara & Stewart	8,794
Alta Electric Co.	9,790
Skelly & Kohler	9,931

Bidders for electrical work were:

Spencer Electric Co.	$2,287
Enterprise Electric Co.	2,323
H. S. Tittle	2,750
Abbett Electric Co.	2,800
American Electric Const. Co.	2,820
Paragon Electric Co.	2,878
Dowd-Seid Electric Co.	2,959
B. J. Doherty	2,986
R. Flatland	2,987
George F. Brayer	3,218
N. C. Nicklassen Elec. Const. Co.	3,269

Bid Depository Plan For Building Contractors Approved by State Agency

Final approval to plans for local administration of the codes for general contractors has been given by the California State Administrative Agency, Divisional Code Authority for General Contractors, Floyd O. Booe, secretary, announced yesterday. A program for establishing local bid depositories for general contractors as recommended by the building contractors administrative committee also has been accepted.

The board, at the same time, approved the budget for the operation of the agency, as well as the administration of the builders' division, there having been allocated approximately one-half the total net income of the agency for the builders' administration expenses.

Under the program approved, there will be established approximately thirty-four local administrative committees, with bid depositories, and these will be under the administration of committees of five to seven selected by the builders' state administrative committee. As rapidly as possible, meetings will be held in all localities to name these committees and to get the plan under way at once.

The approved program includes the full instructions and procedure governing the work of these local committees, and these will soon be available in complete form.

The plan, as approved, contemplates the employment of an assistant compliance director for Southern California, whose activities will be devoted almost entirely to the administration of the building division and who will be in charge of the Southern California branch office of the code authority and have supervision over the work in the thirteen southern counties, under the general direction of the state compliance director, whose headquarters will be in San Francisco. It is expected that the man who will be in charge of this work in Southern California will be announced within a few days and that he will soon become active in the field in establishing the southern local administrative committees.

A similar plan will be pursued in Northern California, and an assistant compliance director will be established in an office separate from the present general office of the code authority in San Francisco, and this assistant compliance director in the north will be under the general direction, as to policy, of the builders' administrative committee. It is expected that this Divisional office in the north will be opened by April 1 and that the assistant compliance director who will be in charge thereof will be announced by that date.

All registration activities and matters of general management relating to the entire code administration will be handled from the general office of the code authority at 206 Sansome Street, and Munson Deupree, as general state compliance director, will have supervision over all of the code activities throughout the entire state.

It is expected that the local administrative committees and the bid depositories for Northern California will be announced on or about April 1 and it is the plan of the builders' administrative committee to have these local committees functioning just as soon as possible.

It is a matter of great regret, according to Mr. Booe, that the state administrative agency has not been able heretofore to place the complete plan of administration thru local committees in effect throughout California, and especially with reference to the builders' division; but it has been necessary to convince Washington of the need for additional funds to provide for proper administration, and, finally, after many months of effort, these funds have been secured. It is now felt that it is possible for the General Contractors' Code Authority to provide for adequate code administration throughout the state, and the cooperation and help of all general contractors in this effort is earnestly solicited. Contractors are particularly urged in local committees to offer their services in connection with the work of the local committees, and when requested to serve on same that this be done voluntarily and conscientiously.

Sufficient funds have been allocated for the work of the local committees to provide for a reasonable effort towards compliance, and it is felt that the fees which will be received through the bid depositories will so augment the available finances that proper administration can be secured in every locality.

LUMBER PRODUCTION QUOTA INCREASED

Total allowed lumber production for the second quarter of 1935 was fixed at 4,489,900,000 feet by the National Control Committee of the Lumber Code Authority, in session at Washington, an increase of about 4½% over the 4,299,300,000 feet prescribed for the first quarter of the year. The amount includes 3,791,300,000 feet of softwood and 698,600,000 of hardwoods. Expected consumption was placed at 4,558,500,000 feet. Taking into account seasonal variation it was stated that lumber shipments have improved, month over month, every month since last October.

The quotas contemplate a reduction of stocks on hand at the mills in some divisions of the industry, and an increase in others to the end that total stocks on hand may present a balanced national inventory calculated to take care of expected demand.

S. F. ARCHITECT WINS AWARD IN G-E COMPETITION

John Dinwiddie Receives $1250 Cash Prize For Modern Home Design

Architect John Ekin Dinwiddie of San Francisco yesterday was notified by the General Electric Company of a second prize award in that company's national contest for small home designs. Architect Dinwiddie will receive a cash prize of $1250.

The award was made on his entry in the Class B group, a design for a small house for southern climate.

The prize-winning house is of modern style architecture, two stories in height, contains 6 rooms with three bedrooms and two baths. It is to be of steel frame construction, stucco exterior and copper roof. Specifications call for electrical equipment throughout, as provided by the contest sponsor.

It is understood that the General Electric Company plans to build demonstration homes at various locations in the United States from designs selected in the competition just closed. The entire contest, however, was handled through the New York office of the company and Pacific Coast officials have not been informed on the company's plans for applying the modern house demonstration locally.

No other information as to Pacific Coast awards in the contest had been received here yesterday.

Stanislaus Ready To Lease Building For Records Hall

Private capital will be invited by the board of supervisors to build a fireproof hall of records in which the more valuable Stanislaus County records may be kept.

Chairman E. K. Finney of the board and Supervisor Leo C. Hammett have been named a committee that will attempt to have "a public-spirited individual or group" erect the unit, with the understanding the county will lease it for a definite period of years.

Such a course of action was suggested by the grand jury housing committee. The committee was headed by A. A. Caldwell of Turlock, and the offer was advanced after the group had completed a thorough investigation of county housing conditions.

The ancient courthouse was described as a firetrap. Its overcrowded condition likewise was noted.

As proposed, the county recorder's office would be housed in the fireproof structure, as well as some of the records of the other county departments

12,000 TONS OF STEEL IN S. F. TOWER

Structure 55% Complete; Progress On Other Sections Of Span On Schedule

With fifty-five per cent of the total amount of steel for the south tower of the Golden Gate Bridge already erected, indications are that McClintic-Marshall, steel contractors, will complete the immense structure early in July.

During the past week delays occasioned as the result of the marine strike were overcome and a new record was established with the erection of 872 tons of steel in a single day.

The day's record, according to the weekly progress report of Chief Engineer Joseph B. Strauss, filed for the board of directors of the Golden Gate Bridge and Highway District, brought the total steel erected during the week to more than 3,000 tons, making a grand total of 12,000 tons erected on the south tower to date.

Early this week the first cross strut above the deck level of the bridge will be erected and the traveler derrick, now in position 365 feet above water level, will again be raised to permit the tower steel to climb higher.

With two and three shifts per day working on the concreting of the west weight block of the San Francisco anchorage this work is progressing rapidly and will be in readiness for the cable contractor within 30 days, according to the chief engineer. Meanwhile work also is progressing on those parts of the cable housing which will not interfere with cable spinning operations.

On the Marin anchorage two shifts of men are engaged in excavating for the housing footings and concrete is being poured on the east and west weight blocks. This work also is being pushed ahead with all possible speed for the accommodation of the cable contractors.

Work on the Presidio approach structures is continuing according to schedule. During the past week pile driving for the high viaduct was completed and work on the military replacements was commenced.

In the eastern shops of the John A. Roeblings Sons Company the drawing of cable wire is proceeding on schedule with 64.6 per cent of the total or 13,898 tons already completed and stored for shipment. The last of the cable eye bars also have been completed and approximately 25 per cent of these have been shipped, while virtually all of the steel for the south tower either is in storage here or in transit from the eastern plants.

During the past week a daily average of 520 men was maintained on the bridge site, bringing the total of workers engaged on the project in the bay area during the week well over the 1250 mark.

ALMLIE LOW ON VALLEY BUILDING

WASHINGTON, D. C., March 26.—Low bid for construction of buildings and utilities at the Sacramento Migratory Waterfowl Refuge near Colusa was submited by Oliver S. Almlie, 60 Sussex street, San Francisco. Mr. Almlie's bid was $28,200. The contract includes constructing a residence, service building, boat house, pumphouse, etc.

Plans were prepared by the Supervising Architect of the Treasury Department.

$9,000,000 FOR BUILDING AT MATHER ASKED

Congressman Proposes Authorization to Reestablish Army Base Near Sacramento

A bill to authorize improvements at Mather Field, elevent miles east of Sacramento, to cost $9,081,000 has been introduced in Congress by Representative Frank Buck.

The bill would approve an appropriation for construction of officers' quarters, barracks, non-commissioned officers quarters and other buildings to cost $5,948,000. Improvements to the landing field and construction of hangars, warehouses and shops would cost an additional $3,133,000.

The work is held to be necessary as a part of the army building program.

Mather Field has been abandoned for several years. Barracks buildings were wrecked and a portion of the salvaged material was used during construction of the Hamilton Field air corps base.

Oakland Council Complimented on Day-Labor Stand

W. G. Thornally, president of the Oakland Builders' Exchange, has addressed a letter to the Oakland City Council commending councilmen for adopting a resolution endorsing expenditure of federal public funds by contract.

Mr. Thornally said:

"As the organized representatives of the blilding industry in Alameda County, we intend in the future to present a united front against any further encroachments on the legitimate pursuits of this great industry, and in line with this policy we feel that the action you have taken is very commendable."

OPERATIVE HOME BUILDER GIVEN FIRST FHA LOAN

Insured Financing of Atherton Residence Initiates New Practice

The largest loan made to date in Northern California under the Federal Housing Act, and one of the first to be made to a builder of a house for resale, has just been negotiated by the Crocker First National Bank for W. R. Voohries, Inc., builders.

Amounting to $14,000 and extending over 19 years at a basic rate of five per cent, the loan is to finance the construction of a residence at Atherton. The house, designed by Architect A. D. Janssen, consists of nine rooms with four baths and two sleeping porches. It is situated at the northeast corner of Selby Lane and Almendral Ave.

Being one of the few, if not the first, loan made in this section to a builder rather than to a private owner, the transaction is causing considerable interest among real estate dealers and contractors, being considered a type of financing which should materially aid building activity.

Berkeley Rejects $500,000 Issue For School Work

Berkeley voters rejected a $500,000 bond issue proposed to finance in part reconstruction of the city's schools which was submitted at a special election Tuesday. The bonds received a majority of votes cast but not enough to carry.

This was the second time a bond issue had been defeated since the Public Works Administration allotted money to the district to assist financing school building rehabilitation. Many of the city's schools have been closed temporarily or permanently after they were found unsafe by inspectors for the State Division of Architecture.

SEEK SANTA CLARA PLUMBING ORDINANCE

A request for an ordinance regulating plumbing in the thickly settled but unincorporated areas of Santa Clara county has been submitted to the board of supervisors by the Plumbing Contractors Association of the peninsula district. Dr. C. M. Burchfiel, director of the county health department, recommended to the board that consideration be given to such an ordinance. No action has been taken.

Representatives of the association appeared before the county planning commission last week in behalf of the measure but were referred back to the board of supervisors.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
7	Hamblin	Owner	1980
8	Regni	Owner	1500
9	Fleming	Papenhausen	1000
0	Dalbesio	Linder	1900
1	Cassalato	Murer	3500
2	Odair	Owner	4000
3	Gissler	Anza	4500
4	Penland	Owner	3000
5	Stuart	Owner	1990
6	Associated	Owner	5000
7	Gaasch	Owner	1000
8	R C Archbishop	Owner	11000
9	Pelligrini	Early	1000
0	Benson	Owner	5000
1	Jarkich	Rahlmann	4000
2	Shellman	Todhunter	1000
3	Gisen	Ruegg	4670
4	Wilson	Owner	1200
5	Maggini	Follatti	3000
6	Hawley	Western	3500
7	McCarthy	McCarthy	3000
8	Gissler	Anza	4500

WELLING
37) W CROWN TERRACE at end of street. One-story frame dwlg.
wner—Pauline Hamblin, 406 Sutter St., San Francisco.
chitect—Not Given. $1980

TERATIONS
38) NO. 55 SANTA MONICA WAY. Alter dwelling.
wner—E. L. Regni, Premises.
chitect—Not Given. $1500

LTERATIONS
39) 95 MERCEDES; alter dwelling.
wner—L. E. Fleming, premises.
rchitect—Not Given.
ontractor—H. Papenhausen, 595 Victoria. $1000

LTERATIONS
40) 27 BURNSIDE; alter dwelling.
wner—Mrs. E. Dalbesio, premises.
rchitect—Not Given.
ontractor—J. F. Linder, 617 Moraga. $1900

WELLING
41) NE PALOU 262 SE Jennings; one - story and basement frame dwelling.
wner—A. Cassalato, 36 Columbus.
rchitect—Not Given.
ontractor—L. Murer, 1274 Quesada. $3500

WELLING
42) W 17th AVE. 250 N Noriega; one - story and basement frame dwelling.
wner—Milton Odair, % architect.
rchitect — Walter C. Falch, Hearst Building. $4000

WELLING
43) W BAKER ST. 110 N Union; two - story and basement frame dwelling.
wner—Wm. Gissler, Jr., 1498 36th Avenue.
rchitect—H. C. Baumann, 251 Kearny Street.
ontractor—Anza Home Building Co., 36th Ave. and Kirkham. $4,500

WELLING
244) N TUCKER 367 E Rutland St. One-story and basement frame dwelling.
wner — Mrs. W. B. Penland, 52 Tucker St., San Francisco.
rchitect—Not Given. $3000

ALTERATIONS
245) NO. 215 BAY ST. Alter factory.
Owner—Stuart Oxygen Co., 211 Bay St., San Francisco.
Architect—Not Given. $1990

STATION
(246) W BRANNAN ST. 50 N Third St. One-story steel and glass gressing and tire station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco. Plans by Owner.
Contractor—Not Awarded. $5000

ALTERATIONS
(247) NO. 2301 TWENTY-FOURTH Ave. Alter flats.
Owner—The Gaasch, 1411 47th Ave., San Francisco.
Architect—Not Given. $1000

AUDITORIUM
(248) SW OAKDALE & NEWHALL Sts. One-story frame auditorium.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John J. Foley, 770 5th Ave. San Francisco. $11,000

REPAIRS
(249) NO. 1120-1124 PACIFIC AVE. Repair fire damage to flats.
Owner—A. Pelligrini, Premises.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(250) NW TARAVAL ST. AND 12th Ave. One-story and basement frame dwelling.
Owner—Andrew J. Benson, 2324 15th Ave., San Francisco.
Architect—Not Given. $5000

REPAIRS
(251) E HARRISON ST. 182 S 20th St. Repair fire damage to tire shop.
Owner—Al. Jarkich, 2417 Harrison St. San Francisco.
Architect—Not Given.
Contractor — H. E. Ruhlmann, 251 Kearny St. $4000

REPAIRS
(252) NO. 1550 HAMPSHIRE ST. Repair fire damage to flats.
Owner—Mrs. A. Shellman, 1544 Page St., San Francisco.
Architect—Not Given.
Contractor—Geo. C. Todhunter, 1088 Ashbury St., S. F. $1000

DWELLING
(253) W LAIDLEY 238 E Castro St. One-story and basement frame dwelling.
Owner—C. and B. Gisen, 542 Laidley St., San Francisco.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco. $4670

DWELLING
(254) NW MARKET AND ROMAIN Sts. Two-story frame dwelling.
Owner—K. A. Wilson, 26 Taraval St., San Francisco.
Architect—Not Given. $1200

ALTERATIONS
(255) N JACKSON ST. 69 W Davis St. Alter store.
Owner—S. Maggini, 125 Jackson St., San Francisco.
Architect—Not Given.
Contractor—R. Follatti, 200 Cervantes St., San Francisco. $3000

SHOP
(256) NO. 5 ZENO PLACE. Steel and corrugated iron forge shop.
Owner—Hawley Forge Co., Premises.
Engineer—G. A. Fisher, 141 Beale St., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco. $3500

DWELLING
(257) W THIRTY-FIFTH AVE. 200 S Irving St. One-story and basement frame dwelling.
Owner — Dr. J. McCarthy, 393 20th Ave., San Francisco.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 11th Ave., San Francisco. $3000

DWELLING
(258) W BAKER ST. 111 N Union St. Two-story and basement frame dwelling.
Owner—A. Gissler, % Contractor.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., S. F. $4500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
158	Flagg	Dooley	3500
159	Prentiss	Owner	2500
160	Windsor	Merriewood	2500
161	Windsor	Merriewood	2500
162	Reese	Kurtz	15800
163	Williamson	Vila	1000
164	Parks	Parks	5000
165	Hughes	Lynn	1500
166	Heisner	Confer	4800
167	El Dorado	Lyons	1500
168	Richfield	Owner	2500
169	Haller	Owner	9000
170	Howard	Gerwick	42317
171	Simmons	Owner	4000
172	Shell	Owner	5000
173	Jurgens	Muller	110000
174	Pfrang	Owner	10000
175	Chevrolet	Owner	4037
176	Lohmann	Grubb	2600

DWELLING
(158) 5780 GENOA ST., OAKLAND. One-story 5-room dwelling.
Owner—John S. Flagg, Premises.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale St., Oakland. $3500

DWELLING
(159) N°. 7765 GREENLEY DRIVE, OAKLAND. One-story 5-room dwelling.
Owner — A. W. Prentiss, 7695 Crest Ave., Oakland.
Architect—Not Given. $2500

DWELLING
(160) 6234 CROWN AVE., OAKLAND; $1\frac{1}{2}$-story 4-room dwelling.
Owner — Syndicate Merriewood Co., 1401 Broadway, Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $2500

DWELLING
(161) 13049 BROADWAY TERRACE, OAKLAND; 1-story 5-room dwelling one-story garage.
Owner — Syndicate Merriewood Co., 1401 Broadway, Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $2500

DWELLING
(162) 630 SPRUCE ST., BERKELEY; two-story 12-room frame dwelling.
Owner—M. J. Reese, Chicago, % 659 Spruce St., Berkeley.

Architect—Williams and Wastell, 574 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland. $15,800

ALTERATIONS
(163) 579 38th ST., **OAKLAND**; alterations.
Owner—Geo. Williamson, premises.
Architect—Not Given.
Contractor—Joe Vila, 1207 Solano Ave, Albany. $1000

DWELLING
(164) 24 ACACIA, **BERKELEY**; two-story 7-room frame dwelling and garage.
Owner—H. G. Parks, 1046 Peralta, Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—R. F. Parks, 1046 Peralta, Berkeley. $5000

ALTERATIONS
(165) NO. 742 FORTY-SIXTH ST., **OAKLAND**. Alterations.
Owner—David Hughes, 742 46th St., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $1500

DWELLING
(166) NO. 71 CAMELSFORD PLACE **OAKLAND**. Two-story five-room dwelling.
Owner—John R. Heisner, % Contractor.
Architect—F. L. R. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $4800

ALTERATIONS
(167) THIRD AND UNIVERSITY Ave., **BERKELEY**. Alterations.
Owner—El Dorado Oil Works, Prem.
Architect—Not Given.
Contractor—W. E. Lyons Constr. Co., 2009 Pacific Ave., Alameda. $1500

OFFICE BLDG.
(168) NINTH AND B STS., Parr Terminal, **OAKLAND**. One-story office building.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Architect—Not Given. $2500

DWELLINGS
(169) NO. 3963-3969 OAKMORE RD., **OAKLAND**. Two two-story 6-room dwellings.
Owner—Paul H. Haller, 32 Evirel Pl. Oakland.
Architect—Not Given. $4500 each

REPAIRS
(170) FOOT OF MARKET STREET, **OAKLAND**. Repair to Pier No. 1
Owner—Howard Terminal Co., Lessee Premises.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—Ben C. Gerwick, 112 Market St., San Francisco. $42,317

DWELLING
(171) NO. 1411 ADA ST., **BERKELEY**. One-story 5-room frame dwelling and garage.
Owner—A. P. Simmons, 2124 McKinley Ave., Berkeley.
Architect—Not Given. $4000

ALTERATIONS
(172) NO. 315 DERBY ST., **OAKLAND**. Alterations.
Owner—Shell Oil Co., Premises.
Architect—Not Given. $5000

STORES
(173) SE THIRTEENTH ST. AND Broadway, **OAKLAND**.. Two-story concrete stores and loft building.
Owner—The Chas. Jurgens Co., Hotel Oakland.
Architect—H. A. Minton, Underwood Bldg., San Francisco.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $110,000

DWELLING
(174) NO. 6119 ACACIA AVE., **OAKLAND**. Two-story 8-room dwlg.
Owner — H. C. Pfrang, 5619 Ocean View Drive, Oakland.
Architect—Not Given. $10,000

ALTERATIONS
(175) NO. 6901 FOOTHILL BLVD., **OAKLAND**. Alterations and Steel air lift.
Owner—Chevrolet Motor Co., Prem.
Architect—Not Given . $2807 & $1230

DWELLING
(176) NO. 1821 105TH AVE., **OAKLAND**. One-story 5-room dwelling and one-story frame garage.
Owner—G. Lohmann, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $2600

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
60	Gissler	Anza	7375
61	Crocker	Ruderman	228
62	Cassolato	Murer	5141
63	Crocker	Tassi	3564

DWELLING
(60) W BAKER 114 N Union; two-story and basement frame dwelling.
Owner—Wm. Geissler, Jr., 1537 34th Avenue.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Anza Home Building Co., 1498 26th Ave.
Filed, ... Dated, March 14, 1935.
1st story joists in place.....$1475
Frame up and ready for roof.... 1475
Brown coated 1475
Standing trim in place..... 1475
Completed 1475
TOTAL COST, $7375
Limit, 120 working days. Plans and Specifications filed.

ALTERATIONS
(61) NO. 260 MONTGOMERY ST. Interior painting, first floor of building.
Owner—H. S. Crocker Co., Inc.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market
Sub-Contractor—Isadore Ruderman. St., San Francisco.
Filed Mar. 25, '35. Dated Mar. 25, '35.
Usual 35 days..... 228
TOTAL COST, $228
Bond, none. Limit, 25 working days. Forfeit, $25 per day. Specifications only filed.

DWELLING
(62) NE PALOU ST. 262 SE Jennings St. 37-6x100. All work for one-story and basement frame dwlg.
Owner — A. Cassolato, 36 Columbus Ave., San Francisco.
Architect—C. M. Baker, 155 Montgomery St., San Francisco.
Contractor—L. Murer, 1274 Quesada St., San Francisco.
Filed Mar. 26, '35. Dated Mar. 20, '35.
Roof on $1000.00
Brown coat plaster on..... 1000.00
Completed and accepted..... 1000.00
Usual 35 days..... 2141.90
TOTAL COST, $5141.90
Bond, $2570.95. Sureties, Teresa Biondi and Domenic Trevisan. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(63) NO. 260 MONTGOMERY ST. All work for alterations and additions to first floor and basement of building.
Owner—H. S. Crocker Co., Inc. 5[illegible] Market St., San Francisco.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market St., San Francisco.
Filed Mar. 26, '35. Dated Feb. 11, '3[illegible]
On 1st and 15th of each month 85[illegible]
When completed .....Balance
TOTAL COST not to exceed $3564.20
Bond, $3564.20. Surety, Fidelity [illegible] Casualty Co. of New York. Limit 60 working days. Forfeit, $25 per day. Plans and specifications, none.
NOTE — Cost plus 4½% for overhead and 10% for profit.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
16	Jacobs	Hansen	536[illegible]
17	Mills	Richmond	148[illegible]

RESIDENCE
(16) LOT 134 BLK I, Fernside. Two story frame residence and garage
Owner—J. A. and Olive J. Jacobs, 141[illegible] Fountain St., Alameda.
Architect—Irwin M. Johnson, 2215 7th St., Oakland.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda.
Filed Mar. 25, '35. Dated Mar. 20, '3[illegible]
Frame up .....$134[illegible]
Brown plastered ..... 134[illegible]
When completed ..... 134[illegible]
Usual 35 days..... 134[illegible]
TOTAL COST, $536[illegible]
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COLLEGE BLDGS.
(17) SEMINARY AVE. AND CAMden St., Oakland. Sheet metal work for buildings.
Owner—Mills College, Premises.
Architect—W. H. Ratcliff, American Trust Bldg., Oakland.
Contractor — Richmond Sheet Metal Works, 520 16th St., Richmond.
Filed Mar. 27, '35. Dated Feb. 28, '35.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1487.93
Bond, $1487.93. Surety, Hartford Accident & Indemnity Co. Limit, 6 days. Forfeit, plans and specifications none.

SAN FRANCISCO UNDER $1000

BILLBOARD, $6.25; W Mission St. 585 S Onondaga Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $125; 509 Webster St.; owner, Rose Bracken, Prem.
ALTER dwelling, $350; 201 Otsego St. owner, J. Finke, 174 Santa Ynez.
BILLBOARD, $6.25; NW Mission and Laura Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER hotel, $65; 176 Fourth Street; owner, Carlton Dethlefsen, 14 Montgomery St.; architect, J. Lloyd Courich, 321 24th Ave.
BILLBOARD, $6.25; SW Mission and Foote Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
RETAINING wall, $150; NE Palou 225 SE Jennnigts St.; owner, A. Cassolato, 36 Columbus Ave.; contractor, L. Murer, 1274 Quesada.
BILLBOARD, $6.25; NW Mission and Bosworth Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; E 8th Ave. 122 N. Fulton St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Contracts

3— CHURCHES

To Be Done By Day's Work.
ALTERATIONS Cost, $6000
SAN FRANCISCO, No. 1645-49 Hayes Street.
Alterations to social hall of church (first unit).
Owner—Latter Day Saints Church (C. W. Nalder, Bishop).
Architect—Pope & Burton, 2102 Buckingham Road, Las Angeles.
Additional work estimated to cost $30,000 may be done at a later rate.

To Be Done By Day's Work.
AUDITORIUM Cont. Price, $11,390
SAN FRANCISCO, Oakdale Ave. (All Hallows Church).
One - story auditorium to seat 500; frame and stucco construction, tar and gravel roof, wood trusses, maple floors, gas radiators, nuwood interior walls and ceilings, etc.; (50x100 ft.)
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—John J. Foley, 770 5th Ave.
The owner will appoint the supervisor of construction within a few days.
Bids previously taken were rejected.

4— FACTORIES & WAREHOUSES

Plans Being Figured.
PLANT AND WAREHOUSE
Cost including equip., $25,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor (40x50 ft.)
Three-story galvanized iron bean-cleaning plant and warehouse.
Owner—Haslett Warehouse Company, 280 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Bids being received by the owner.

Plans Completed.
ALTERATIONS Cost, $6,000
SAN FRANCISCO, Berry St. between Third and Fourth.
Alterations to warehouse and offices.
Owner—Southern Pacific Co., 65 Market Street.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ADDITION Cost, $21,000
SACRAMENTO, Sacramento Co., Cal. 3031 D Street.
Addition to factory.
Owner—Pureta Sausage Co., 3031 D Street, Sacramento.
Architect—Not Given.
Contractor—Holdener Const. Co., 2608 R St., Sacramento.

Plans To Be Prepared.
BOTTLING PLANT Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. Eleventh and Q Sts. (100x160 ft.)
Construct bottling works.
Owner—Golden State Soda Works, 1715 15th St., Sacramento.
Architect—To Be Selected.
It is planned to start construction in about sixty days.

LOW BIDDER
SAN PEDRO, Los Angeles Co., Cal. —Port Electric Co., 304 W. Seventh St., San Pedro, submitted low bid to Los Angeles harbor department at $1123.50 for an electric system for transit shed extension at Berth 177, Los Angeles Harbor; Specification No. 937.

Contract Awarded.
DISTILLERY Cost, $——
STOCKTON, San Joaquin Co., Calif. Brant Ferry Road (8 miles out of town).
Complete distillery.
Owner — Fremont Distilleries (E. S. Granucci, president).
Architect—Not Given.
Contractor—O. H. Chain, 41 So. Sutter St., Stockton.

To Be Done By Day's Work.
SHED Cost, $2500
SAN JOSE, Santa Clara Co., Cal. 804 W San Fernando.
One-story wood packing shed.
Owner—Union Ice Co., 354 Pine Street, San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
REPAIR SHOP Cost, $5000
SAN FRANCISCO, E Harrison St. 182 S 20th Street.
Repair fire damage to tire shop.
Owner—Al. Jarkieh, 2417 Harrison St., San Francisco.
Architect—Not Given.
Contractor—H. E. Kahlmann, 251 Kearny St., San Francisco.

Construction Under Way.
SHED Cost, $2500
SAN JOSE, Santa Clara Co., Cal. 804 W San Fernando.
One-story wood frame and corrugated iron packing shed.
Owner—Union Ice Co., 354 Pine Street, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—W. W. Williamson, 320 Market St., San Francisco.

Bids Opened.
PACKING PLANT Cost, $20,000
SANTA CLARA, Santa Clara Co., Cal.
Two - story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer—Ellison and Russell, Pacific Bldg., San Francisco.
Low Bidder—N. J. Nielsen, 1270 Iris Court, San Jose.
Complete bids follow:

N. J. Nielsen, San Jose	$13,158
John Carlsen, San Jose	13,799
Guy M. Latta, San Jose	13,848
Earl Hepie, San Jose	14,297
Cahill Bros., San Francisco	14,781
C. Monson, San Francisco	14,928
Carl N. Swenson, San Jose	15,350
Summers Const. Co., San Jose	15,489
K. E. Parker Co., S. F.	15,513
P. J. Walker Co., S. F.	15,960
Louis Dunne, San Francisco	16,224

Bids held under advisement.

Bids Opened.
ADDITION Cost, $100,000
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (144,000 sq ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner—Port of Stockton Grain Terminal Assn. (Eugene B. Wilkinson, President), Stockton.
Plans by O. H. Chain, 41 S-Sutter St. Stockton.
Low Bidder — Trewhitt-Shields Co., 1501 Pacific Southwest Building, Fresno.
Complete bids follow:

Trewhitt-Shields Co., Fresno	$67,869
O. H. Chain, Stockton	72,600
Dinwiddie Constr. Co., S. F.	77,962
P. J. Walker Co., S. F.	81,310

Two low bids held under advisement until Friday, March 29.

5— FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO—Dolores St. near Twenty-second St.
Two-story and basement frame and stucco flats (2 5-room flats) Pabco roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.

March 28, 1935

Contract Awarded.
REPAIR FLATS Cost, $1,500
SAN FRANCISCO, 1120-24 Pacific St.
Repair fire damage to flats.
Owner—A. Pellegrini, premises.
Architect—Not Given.
Contractor—Fred. J. Early, Jr., 369 Pine Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
ALTERATIONS Cost, $3,000
SAN FRANCISCO, 1238 Chestnut St.
Alterations to flats.
Owner—Edna and Karl F. Kruger, 1236 Chestnut Street.
Architect—Not Given.
Contractor—B. W. Damarais & Sons, 732 Page Street.

Contract Awarded.
SERVICE STATION Cost, $2000
SANTA CRUZ, Santa Cruz Co., Cal. 509 Soquel Avenue.
One-story steel service station.
Owner—Gilmore Oil Co., Third and Eighteenth Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Huggard, Premises.

Contract Awarded.
SERVICE STATION Cost, $7,000
PALO ALTO, Santa Clara Co., Calif. 675 High Street.
Brick service station.
Owner—C. A. Russ.
Lessee—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Lessee.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $2,000
STOCKTON, San Joaquin Co., Calif. 45 North Wilson Street.
Service station.
Owner—Mary Mayer.
Architect—Not Given.

Contract Awarded.
GARAGE Cost, $——
BERKELEY, Alameda Co., Calif.
One-story Class C garage (20x72 ft.) tar and gravel roof, concrete floors
Owner—J. Wendering.
Engineer—J H. Platt, 2024 University Ave., Berkeley.
Contractor—F. A. Stead, 3206 Boise St., Oakland.

Work Under Way.
ADDITION Cost, $6000
FOWLER, Fresno Co., Calif.
Addition to garage (40x100 ft.) two new hydraulic hoists, steel beams to support roof, etc.
Owner—Baxter Bros., Exeter.
Architect—Not Given.
Segregated contracts will be awarded shortly.

Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO, NW Ocean Ave. and San Jose Ave.
One-story steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $5,000
SANTA CLARA, Santa Clara Co., Cal. Bayshore Highway & Santa Clara-Alviso Road.
Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.

Plans Completed.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. W Brannan St. 50 N Third St.
One-story steel and glass greasing and tire station.
Owner—Associated Oil Co., 79 New Montgomery Street.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded.
GARAGE, ETC. Cost, $42,000
SAN FRANCISCO. Green and Front Streets.
One-story brick garage (91x72 feet) two-story brick cold storage and office building (20x91 ft.) and two-story reinf. concrete cold storage and dry storage bldg. (20x91 ft.) steel trusses, wood joists, electrical work, plumbing, cork insulation, steel sash, etc.
Owner—Kraft-Phoenix Cheese Corp., 962 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—C. L. Wold, 4412 Fulton St., San Francisco.
Concrete — Readymix Concrete Co., Carolina and Mariposa Sts.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sts.
Lumber — Chapman Lumber Co., 144 Spear St.
Structural and Miscellaneous Iron and Steel—Schrader Iron Works, 1247 Harrison St.
As previously reported, plumbing awarded to A. J. Silver, 455 Hayes St. electric to Strom & Smith, 1077 Valencia St.

Plans Being Prepared.
FIRE STATION Cost, $30,000
SAN FRANCISCO. NW Turk and Larkin Streets.
One-story concrete fire, battery and oil station (concrete floors, steel sash, composition and tile roofing, etc.)
Owner—F. H. Rolandi.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

7— FEDERAL BUILDINGS

March 22, 1935

COMPLETE BIDS

ROSEBURG, Oregon—As previously reported, Reed & Reed and J. Harold Johnson, Hearst Bldg., San Francisco, at $118,500 submitted low bid to Veterans Administration, Washington, D. C., for the construction of a recreation building No. 16 at Roseburg, Ore. Complete bids follow:

General Work

Reed & Reed and J. Harold Johnson, San Francisco, $118,500.
A. F. Mowat, Seattle, Washington, $118,900.
Hoffman Construction Co., Portland, Oregon, $119,800.
Dougan-Hammond Constr. Co., Portland, Oregon, $121,985.
S. G. Morin, Spokane, Washington, $128,710.
Stein Brothers, Eugene, Oregon, $128,765.
Wm. MacDonald Constr. Co., St. Louis, Mo., $131,186.
Los Angeles Contracting Co., Los Angeles, $143,000.

Elevators

Otis Elevator Co., 1 Beach St., San Francisco, $4143.
S. G. Morin, Spokane, Wash., $4556.
Hoffman Constr. Co., Portland, Ore., $4509.
Bids held under advisement.

Contract Awarded.
POST OFFICE Cont. Price, $36,000
BELL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept. Washington, D. C.
Contractor—L. F. Dow Co., 1243 25th St., Santa Monica.

BIDS WANTED

OGDEN, Utah—Until April 16, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. Forest Service Bldg. at Ogden, Utah.
Specifications may be obtained from above office and from the Custodian of the Building, Ogden, Utah.

Bids Rejected—Plans Being Revised.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Calif. D and Third Streets.
One-story, mezzanine floor and part basement Post Office building (65x75 feet); steel frame, wood roof, composition roofing, one pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast stone steps, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
On previous bid opening lowest bid was submitted by William Spivock, Hobart Bldg., San Francisco, at $35,500.
Plans are being revised and new bids will be asked shortly.

ELEVATOR CONTRACT AWARDED

PHOENIX, Ariz.—Otis Elevator Co. 300 E 8th St., Los Angeles, awarded contract by Treasury Department, at $9507, for furnishing and installing freight elevators in the U. S. post office to be erected in Phoenix. Great Lakes Const. Co., Chicago, general contractors.

LOW BIDDERS.

PORTLAND, Oregon. — West Coast Painters, Inc., Kulien Bldg., Seattle, at $19,240 submitted low bid to the Custodian, U. S. Post Office, Portland for painting and miscellaneous repairs to the U. S. post office building at Portland.
Three low bids follow:
West Coast Painters, Seattle....$19,240
Chas. G. Swanson, Seattle..... 21,701
Dougan Hammond Const. Co., Portland 27,500

Contract Awarded.
POST OFFICE Cont. Price, $41,929
McMINNVILLE, Oregon.
Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Hoffman Constr. Co., Portland, Oregon.
Complete bids published Jan. 28.

March 27, 1935

BIDS WANTED.

HOLLYWOOD, Los Angeles Co. Cal. —Until April 18, 1 P. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing a freight elevator in the U. S. post office to be erected in Hollywood. Claud Beelman and Allison & Allison, associate architects.

BUILDING MATERIALS APPROVED

SANTA CLARA Cal.—Treasury Department, Washinton, D. C., approved the following building material awards for the construction of the U. S. Post Office at Santa Clara. K. E. Parker Co., 135 South Park, San Francisco, general contractors.
Pressure reducing valve on water supply, Mueller Co.; oil burner, Ray Burner Co.; air valves for radiators and for ends of steam mains, American Radiator Co.

BIDS OPENED

SAN FRANCISCO—Following bids received by the Post Office Department, Washington, D. C., for furnishing 140 opera chairs for the U. S. Post Office, San Francisco:
Americai Desk Mfg. Co., Temple, Texas, $2.65 each, f.o.b., 3%.
Heywood-Wakefield, 180 New Montgomery St., San Francisco, $3.15 f.o.b. Menominee, Mich.
Irwing Seating Co., Grand Rapids, Mich., $3.83; add 75c each for walnut veneer both sides; add 25c do, top of seat; add 25c walnut arm rest; add 25c walnut veneer on bottom of seat.
American Seating Co., Grand Rapids, Mich., $3.15; add $1 walnut veneer on sides and top; add 25c for walnut rest; f.o.b.
Chas. Rubel & Co., Washington, $3.25, f.o.b. Port Washington, Wis.
Southern Desk Co., Hickory, N. C., $4.08, f.o.b. San Francisco.

BIDS WANTED.

VALLEJO, Solano Co., Cal.—Until April 10, 12 Noon, bids will be received by the Custodian, U. S. Post Office, Vallejo, for sprinkler system at the U. S. Post Office, Vallejo.

Low Bidder.
RESIDENCE, BOATHOUSE, ETC.
SACRAMENTO Migratory Waterfowl Refuge, Glenn and Colusa Counties.
Residence building, service building, boathouse, entrance gate, public toilet, pumphouse, septic tank and disposal field, and construction of reinforced concrete footings and erection of tower.
Owner—United States Government.
Plans by Supervising Architect, U. S. Dept. of Agriculture, Washington, D. C.
Low Bidder—Oliver S. Almlie, 60 Sussex St., San Francisco, at $28,200.
Complete bids will be published shortly.

Contract Awarded.
POST OFFICE Cont. Price, $39,747
OCEANSIDE, San Diego Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—L. E. Dow Co., 414 Rowan Bldg., Los Angeles.
Complete bids published March 1.

8— CLUB BUILDING

Preliminary Plans Being Prepared.
CITY HALL Cost, $——
AUBURN, Placer Co., Calif. High St. near Central Square.
Two-story city hall and central fire house (43x120 ft.)
Owner—City of Auburn.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.

Plans Being Prepared.
RECREATION BLDG. Cost, $60,000
PHOENIX, Arizona. Ninth and Polk Streets.
L-shaped recreation building (75x140 feet) to contain gymnasium, 60x100 feet; stage, balcony, swimming pool, check rooms, locker, shower and club rooms (brick exterior walls, tile and composition roof, stud and metal lath partitions, maple floors, hot air heating system, water heaters, etc.)
Owner—City of Phoenix (City Park and Playgrounds Department).
Architect—Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix.
Bids will be asked in about thirty days.

9— HOSPITALS

BIDS WANTED.
SAN FRANCISCO.—Until April 3, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for construction of bake ovens at the San Francisco Hospital, 23rd and Potrero Avenues.
Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.

LOW BIDDER
GRAND CANYON, Ariz.—Berntson & Kuhre, Salt Lake City, submitted low bid to Superintendent, Grand Canyon National Park, at $16,290, for the construction of a hospital building on the North Rim of the Grand Canyon. The building will be a one-story structure, 39x62 ft. in area, and will contain wards, doctors and nurses rooms, operating room, kitchen, solarium and bathrooms; stone foundations, wood frame construction, siding exterior, wood shingle roof, wood floors with linoleum covering, steel medicine cabinets, plaster partitions, electric wiring, plumbing, etc. Plans were prepared by the National Park Service.

Award Approved.
HOSPITAL Cont. Price, $83,871
MADERA, Madera Co., Calif.
One - story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) concrete walls and floors, tile roof, tile partitions, etc.
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Award to Mr. Reilly has been approved by the PWA.

CONTEMPLATED
KINGS COUNTY, Cal.—Grand Jury recommends construction of fire-proof ward building, isolation ward and dwelling for resident physician at county hospital.

BIDS WANTED.
COLUSA, Colusa Co., Calif.—Until April 8, 10 A. M., bids will be received by T. D. Cain, Clerk, Colusa County Board of Supervisors for supplies for the County and Memorial Hospitals in Colusa.

10— HOTELS

Planned.
ALTERATIONS Cost, $——
WALNUT CREEK, Contra Costa Co., Calif. Main Street.
Alterations to inn.
Owner—Marshall A. Dean (Alta Costa Inn) Walnut Creek.
Architect—Not Given.

11—ICE & COLD STORAGE PLANTS

Contracts Awarded.
PRECOOLING PLANT Cost, $250,000
PLACERVILLE, Eldorado Co., Calif.
Pre - cooling station and ice storage plant (reinf. concrete and timber construction).
Owner—Placerville Fruit Growers' Association, Placerville.
Architect—Masten, Hurd & Rothe, 233 Post St., San Francisco.
Paul Scherrer, mechanical engineer, 233 Post St., San Francisco, is acting as manager of construction.
Structural Steel—Judson - Pacific Co., 604 Mission St., San Francisco.
Cement—Calaveras Cement Co., 315 Montgomery St., San Francisco.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

TO SEEK FUNDS.
SAN RAFAEL, Marin Co., Calif.—City of San Rafael is considering applying to the PWA for funds to finance construction of a Memorial Auditorium in San Rafael.

Plans Being Completed.
ALTER CITY HALL Cost, $4000
SAUSALITO, Marin Co., Cal.
Alterations to second story of City Hall (work involves new partitions, plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked about April 3.

PROJECT APPROVED
SOUTHERN CALIFORNIA—State assembly prisons and reformatories committee has approved a bill which appropriates $400,000 for a proposed prison to be constructed in Southern California for first offenders.

Planned.
ADDITION Cost, $——
OROVILLE, Butte Co., Calif.
Alterations and additions to court house (add wing approximately 30 feet wide).
Owner—County of Butte.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.

Awards Recommended.
HALL OF RECORDS Cost, $350,000
FRESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.
Three-story Class A steel frame and concrete Hall of Records Building (two elevators, steam heating plant, sprinkler system, etc.)
Owner—County of Fresno.
Architects—Allied Architects of Fresno (comprised of W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and F. W. Peterson) 304 Rowell Building Fresno.
Structural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.
Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
General Work—William, Spivock, Hebart Bldg., San Francisco, $251,190
Mechanical Work—Barrett-Hicks Co. 1031 Broadway, Fresno, $42,982
Electrical Work—Wessell Electric Co Rt. 2, Box 173, Fresno, $23,474

CONTRACT AWARDED
FOLSOM, Sacramento Co., Cal.—West Coast Wire & Iron Works, 861 Howard St., San Francisco, at $3429.78 awarded contract by State Purchasing Department for fencing at the State Prison, Folsom.

BIDS OPENED
FOLSOM, Sacramento Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $8200 submitted low bid to State Purchasing Department, Sacramento, for miscellaneous iron for the State Prison at Folsom.
Complete bids follow:
Golden Gate Iron Works, San Francisco, $8200; ½% 15 days.
Palm Iron Works, Sacramento, $8655; net.
F. Kern & Sons, San Francisco, $8989 net.
Fair Manufacturing Co., San Francisco, $10,145; ½% 30 days.
Judson Pacific Co., San Francisco, $10,900; net.
Bids held under advisement.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SAN FRANCISCO. NW Taraval St. and 12th Ave.
One - story and basement frame and stucco residence.
Owner—Andrew J. Benson, 2324 15th Avenue.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif. 120 Dana Street.
Two-story frame and stucco residence
Owner—P. Fragomeni.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st Street, San Jose.
Lumber—Merner Lbr. Co., Palo Alto.
Finish Materials — Pacific Mfg. Co., Santa Clara.

Plans Being Prepared.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence (6 rooms and 2 baths) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Completed.
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); tile shake roof, oil burner heating system, wood sash, canvas walls, knotty pine trim, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about one week.

Contract Awarded.
RESIDENCE Cost, $——
MILLBRAE, San Mateo Co., Cal.
Two-story frame residence (6 rooms and 2 baths), Colonial type; shake roof, gas hot air heating system wood sash, hardwood floors, tile baths, etc.
Owner—C. L. Bartholomew.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—W. C. Akard, 225 Crevantes Blvd., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $9,000
SAN MATEO, San Mateo Co., Calif. Harvard Road, Baywood Park.
Two-story frame and stucco residence (7 rooms).
Owner—John Gellano, 199 Sadowa St., San Francisco.
Architect—Not Given.
Contractor — San Mateo Investment Co., 2562 El Camino Real, San Mateo.
Roofing—C. L. Frost Co., Palo Alto.
Plumbing—West Side Plumbing Shop, San Mateo.
Electric Wiring—Chas. H. Morrison, San Mateo.
Heating and Sheet Metal—G. & M. Sheet Metal Co., San Mateo.
Tile Work—Benetti Tile Co., San Mateo.
Concrete—Nick Sisevich, San Mateo.
Finish Material—National Mill & Lbr. Co., Oakland.
Mantel—A. Amadio, San Mateo.
Lumber—San Mateo Planing Mill, San Mateo.
Lathing and Plastering—Paul Venturelli, San Mateo.
Hardware—San Mateo Hardware Co., San Mateo.

Bids Rejected—Plans Being Revised.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One - story and basement frame and stucco residence (5 rooms) terra cotta tile roof, gas heating system, hardwood floors, tile bath.
Owner—Withheld.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.
Bids ran high and were rejected. Plans are being revised and new bids will be asked at a later date.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1411 Ada Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—A. P. Simmons, 2124 McKinley Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
OAKLAND, Alameda Co., Cal. No. 3963-3969 Oakmore Road.
Two two-story frame and stucco residences (6 rooms each).
Owner and Builder—Paul H. Haller, 32 Evirel Place, Oakland.
Architect—Not Given.

BIDS WANTED
TUOLUMNE COUNTY, Cal.—Until April 17, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, for the construction of four one-story and basement wood frame cottages with concrete foundations. Exteriors will be of cement plaster with stucco finish; interior finish of hardwall plaster. Buildings will be approximately 30x48 feet each. Work includes furnishing and installing all water supply piping and all hydrant piping, fittings, valves, pressure reducing valve, concrete box and cover and connecting to present water supply pipe at Station WO+00.
Plans and specifications may be obtained at Room 605, San Francisco Water Department, 425 Mason St., San Francisco, upon deposit of $10. Certified check for 10% of amount bid required with each bid submitted.

Contract Awarded.
RESIDENCE Cost, $4049
SOLEDAD, Monterey Co., Cal.
One-story frame and stucco residence (6 rooms).
Owner—Spreckels Sugar Co., Spreckels, Calif.
Architect—Not Given.
Contractor—J. A. Olson, Soledad.

Sub-Contracts Awarded.
ALTER RESIDENCE Cost, $10,000
SAN FRANCISCO. No. 2828 Vallejo Street.
Alterations to residence.
Owner—J. J. Rice, % Contractor.
Architect—Not Given.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco.
Plumbing—Dowd-Welch, 3558 16th St.
Heating—Lowell Davison, 375 Monterey Blvd.

Plans Being Completed.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame and stucco residence (6 rooms) Colonial style, shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked in two or three weeks.

Contract Awarded.
RESIDENCE Cost, $1500
SAN JOSE, Santa Clara Co., Calif. 1121 Morse Street.
One-story frame residence (3 rooms).
Owner—B. Detterman.
Architect—Not Given.
Contractor—K. F. Bonham, 1050 Nevada Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $2000
SAN JOSE, Santa Clara Co., Calif.
One-story frame residence (4 rooms).
Owner—Wm. Cramer, 1380 Davis St., San Jose.
Architect—Not Given.
Contractor—J. Gohranson, Route 1, Box 234, San Jose.

Contract Awarded.
ADDITION Cost, $1500
SAN JOSE, Santa Clara Co., Calif. 1437 Park Avenue.
Addition to frame residence.
Owner—F. W. Imker, premises.
Architect—Not Given.
Contractor—Rollie Williams, 1497 Shasta Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 1111 Morse Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—B. Detterman, 1105 Morse St., San Jose.
Architect—Not Given.
Contractor—K. F. Bonham, 1050 Nevada Ave., San Jose.

Plans Being Figured.
RESIDENCE Cost, $3500
BERKELEY, Alameda Co., Cal. Arden Road and Orchard Lane.
One-story frame and stucco residence (5 rooms).
Owner—Withheld.
Architect—Walter T. Steilberg, 1 Orchard Lane, Berkeley.
Following have secured plans:
T. S. Lossing, 47 Canyon Road, Berkeley.
W. H. Conner, 1733 Francisco St., Berkeley.
C. O. Bradhoff, 911 55th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. Thirty-fifth Ave., bet. Irving and Judah Streets.
One-story and basement frame and stucco residence (5 rooms) Pabco roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Dr. John J. McCarthy.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.
Sub-bids will be taken in one week.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. Danvers St. near Eighteenth St.
One-story and basement frame and stucco residence (5 rooms) Pabco roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Mr. Minomy.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.
Sub-bids will be taken in about one week.

Plans Being Figured — Bids Close April 1.
RESIDENCE Cost, $8000
SALINAS, Monterey Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St., Salinas.

Bids In Today.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal.
One-story wood frame residence (2 rooms).
Owner—Withheld.
Architect—John McCool, 704 Market St., San Francisco.

CONTRACT AWARDED.
VAN NUYS, Los Angeles Co., Cal.—Harold Hansen, 414 Rowan Bldg., Los Angeles, awarded contract by the Division of Subsistence Homesteads, at approximately $61,870, for the construction of the San Fernando Rurban Homestead project near Van Nuys. The project consists of 40 dwellings, containing 4- 5- and 6-rooms. They will be wood frame structures with siding exteriors, wood shingle and shake roofs, concrete foundations and floors, wood lath and plaster partitions, wood sash, gas wall heaters, electric bathroom heaters, etc. Jos. Weston, 701 Cogswell Road, El Monte, architect, and Ross H. Gast, Oak St., Route 2, El Monte, project manager.

Plans Being Figured.
RESIDENCE Cost, $4,000
VALLEJO, Solano Co., Calif.
One - story and basement frame and stuco residence (5 rooms) composition shingle roof, gas heating system, wood sash, hardwood floors.
Owner—L. R. Schlageter.
Architect—Ray Keefer, 770 Wesley St. Oakland.

Plans Being Figured.
RESIDENCE Cost, $8000
SALINAS, Monterey Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St., Salinas.

Construction Under Way.
RESIDENCE Cost, $——
CAROLANDS, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (Italian ranch style) 14 rooms, 6 baths; tile roof, gas hot air heating system, tile baths, wood sash, etc.
Owner and Builder—Lloyd Simpson, 841 Hayne Road, Hillsborough.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $——
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Two one-story frame and stucco residences (5 rooms each).
Owner—Syndicate Merriewood Co. Ltd. Broadway, Oakland.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,900
SAN FRANCISCO. 55 Santa Monica Way.
Alterations to frame residence.
Owner—E. L. Regni, premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $2000
SAN FRANCISCO. W Crown Terrace.
One-story frame residence.
Owner and Builder—Pauline Hamblin. 406 Sutter Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 7765 Greenley Drive.
One-story frame and stucco residence (five rooms).
Owner and Builder—A. W. Prentiss, 7695 Crest Ave., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $20,000
BERKELEY, Alameda County, Calif. Spruce St. near Halkin Way.
Two - story and basement frame and brick veneer residence (10 rooms, 3 baths) shake roof, steel sash, gas hot air heating system, hardwood floors, tiled baths, etc.
Owner—M. J. Reese.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—F. A. Kurtz, 364 41st St., Oakland.
Grading—Arliss Knapp Co., 961 41st St., Oakland.
Lumber — Piedmont Lumber Co., 351 40th St., Piedmont.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.

Plans Being Completed.
RESIDENCE Cost, $15,000
FRESNO, Fresno Co., Calif.
Two - story and basement frame and brick veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred. Reimers, 233 Post St., San Francisco.
Bids will be asked in about three weeks.

Plans Being Figured—Bids Close April 2, 2:30 P. M.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One and one-half-story frame residence (7 rooms).
Owner—F. S. Thomas, 618 Main St., Watsonville.
Architect—Allen C. Collins, 237 East Cliff Drive, Santa Cruz.
Bids, which will be opened by the owner, are being taken from Watsonville contractors only.

Contract Awarded.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5780 Genoa Street.
One - story and basement frame and stucco residence.
Owner—John S. Flagg, premises.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale St., Oakland.

Construction to Start Shortly.
RESIDENCES Cost, $——
YREKA, Siskiyou Co., Calif.
Two one-story frame residences.
Owner—J. D. Goodrich, Yreka.
Plans by Kenneth Garner, Yreka.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN LEANDRO, Alameda Co., Calif. Estabrook Street.
One-story frame residence.
Owner—Frank Costa.
Architect—Not Given.
Contractor — Joaquin Golzalves, 541 Maud Ave., San Leandro.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN LEANDRO, Alameda Co., Calif. 726 Cary Drive.
One-story frame residence.
Owner—Eugene Moody.
Architect—Not Given.
Contractor—S. M. Davis, 640 Bancroft Ave., San Leandro.

Preparing Working Drawings.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Cal. Mt. View and Grand Avenue.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfeld.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked in two or three weeks.

Low Bidder.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Pye.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Low Bidder—H. S. Meinberger, 434 Fourth St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 27 Burnside.
Alterations to residence.
Architect—Not Given.
Owner—Mrs. E. Dalbesio, premises.
Contractor—J. F. Linder, 617 Moraga Street.

Plans Being Revised.
ALTERATIONS Cost, $5000
SAN FRANCISCO. Pacific Ave. near Steiner Street.
Alterations to two-story flats for residence (wood frame and wood frame finish; 7 rooms & 2 baths).
Owner—L. Greenfield.
Architect—Warren Perry, 260 California St., San Francisco.
Whether new bids will be asked or not is not determined at this time. On previous bid opening lowest bid was submitted by J. B. Bourdieu, 2526 20th Street.

Plans Being Completed.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco residence (8 rooms and 2 baths).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $8500
SAN FRANCISCO. Clarendon Heights
Two-story frame and stucco residence (6 rooms & 2 baths) shake roof; gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Mr. Bartholemew.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Low Bidder.
RESIDENCE Cost, $20,000
ROSS, Marin Co., Cal.
Two-story and basement frame and brick residence (English style), 10 rooms and 2 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—John J. Moore, 354 Hobart St., Oakland.

Contract Awarded.
RESIDENCE Cost, $7375
SAN FRANCISCO. W Baker St. 114 N Union Street.
Two-story and basement frame and stucco residence.
Owner — William Gissler Jr., 1537 34th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Anza Home Building Co., 1498 36th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. NE Palou and Jennings.
One - story and basement frame and stucco residence.
Owner — A. Cassaiato, 36 Columbus Avenue.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada Street.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 95 Mercedes St.
Alterations to residence.
Owner—L. E. Fleming, premises.
Architect—Not Given.
Contractor—H. Papenhausen, 595 Victoria Street.

Contract Awarded.
ALTER RESIDENCE Cost, $1,500
STOCKTON, San Joaquin Co., Calif. 1414 Picardy Drive.
Remodel frame residence.
Owner—Voyle A. Shedd, premises.
Architect—Not Given.
Contractor—T. E. Williamson, 1859 W Rose St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. 17th Ave. near N.
Two - story frame and brick veneer residence (6 rooms) tile roof, brick veneer to second floor, tile baths, gas hot air heating system, hardwood floors, etc.
Owner—Milton O'Dair, % architects.
Architect — Walter C. Falch, Hearst Building.

Contract Awarded.
RESIDENCE Cost, $5,360
ALAMEDA, Alameda Co., Calif. Lot 134 Block 1, Fernside.
Two-story frame and stucco residence.
Owner—J. A. and O. J. Jacobs, 1500 Santa Clara Ave., Alameda.
Architect—Irwin M. Johnson, 2215 7th Ave., Oakland.
Contractor—C. Hansen.

Contract Awarded.
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif. 2180 Cowper Street.
Owner—Jeannette Richter, 170 Lowell St., Palo Alto.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $14,000
ATHERTON, San Mateo Co., Calif. NE Selby Lane and Almendral Avenue.
Two-story and basement frame residence (9 rooms and 4 baths); two sleeping porches.
Owner and Builder—W. R. Voohries, Inc., 369 Pine St., San Francisco, and Redwood City.
Architect—A. D. Janssen, 5132 Fairfax St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $2,000
OAKLAND, Alameda Co., Calif. 742 46th Street.
Alterations to frame residence.
Owner—David Hughes, 742 46th St., Oakland.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4,700
BERKELEY, Alameda Co., Cal. San Antonio Avenue.
One - story and basement frame and stucco residence (5 rooms) shake roof, unit gas fired warm air heating system, hardwood floors, etc.
Owner—Withheld.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.
Contractor—H K. Henderson, 393 40th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Tucker 367 E Rutland.
One - story and basement frame and stucco residence.
Owner—Mrs. W. B. Penland, 52 Tucker Street.
Architect—Not Given.

BIDS OPENED.
GRAND COULEE, Wash.—MacDonald Bldg. Co., 1517 S. Tacoma Way, Tacoma, Wash., at $37,904.50, submitted low bid to Bureau of Reclamation, Almira, Wash., for the construction of one 7-room, and four 5-room residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project, Wash.

Residences will be of wood frame construction with siding over sheathing on exterior walls, plastered interior walls and ceilings; wood shingle roofing, 1-pipe gravity vacuum steam heating system and hot air heating system, etc.; Spec. No. 615.

Complete bids follow:

MacDonald Bldg. Co., Tacoma, Wash.	$37,804.50
R. R. Gummere, Tacoma	38,363.00
Hazen & Clark, Spokane	46,865.00

Bids held under advisement.

15— SCHOOLS

Plans Approved.
ADDITION Cost, $8000
FRENCH CAMP. San Joaquin Co., Calif.
One-story brick veneer addition to grammar school (one classroom and one lunch room).
Owner—French Camp School Dist.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.

Final plans have been approved by the State Division of Architecture.

Labor will be furnished by the SERA and materials purchased by the School District.

CONTRACTS AWARDED.
LONG BEACH, Cal.—J. E. Burrell, 750 W. Anaheim St., Long Beach, was awarded contract for the construction of structural steel and concrete administration building at the John Dewey high school at $108,643 by the Long Beach board of education. Other awards were: American Engineers and Contractors, 3063 Oregon St., Los Angeles, on the heating and ventilating at $3968; C. E. Ross, 1850 Pacific Ave., Long Beach, on the plumbing at $6620; Baty Electric Co., 128 W 4th St., Long Beach, on the electric wiring at $10,255. Victor Siebert, architect and Vern D. Hedden, engineer 120 E. Third St., Long Beach

CONTRACT AWARDED.
WICKENBERG, Ariz.—A. A. Edmor 1221 E Roosevelt St., Phoenix, award-

PATRICK HENRY SCHOOL — SAN FRANCISCO

SCHOOL Cost, $86,400
SAN FRANCISCO. Patrick Henry School, 18th and Vermont Streets.
Two-story reinforced concrete school unit (eight classrooms); composition roofing, steam heating system, concrete, linoleum and terrazzo floors, etc.
Owner—City of San Francisco (School Department).
Architect — W. D. Peugh, 333 Montgomery St. & Gardner A. Dailey, 210 Post Street.
Structural Engineer—Walter Huber, 1 Montgomery Street.
Mechanical Engineer—Leland & Haley 58 Bush Street.

Low bidders follow:

General Work—O. Monson, 475 Sixth St., $83,757.

Work Complete Including Mechanical and Plumbing—F. C. Amoroso & Sons, Wallace and Keith Streets, $98,800.

Electric — Spencer Electric Co., 2059 Webster St., Oakland, $2287.

Mechanical & Plumbing—M. Desiano, 3117 Fillmore St., $8317.

Unit prices follow:

General Work

(1) Excavating and backfilling to a depth of four feet, add;
(1a) do, deduct;
(2) Excavating and backfilling from depth of eight feet, add;
(2a) do, deduct;
(3)Excavation and backfilling to a depth of 12 ft., add;
(3a) do, deduct;
(4) Excavation and backfilling to a depth of 16 ft., add;
(4a) do, deduct;
(5) 1 to 5¾ concrete, add;
(5a) do, deduct;
(6) 1 to 8 concrete, add;
(6a) do, deduct;
(7) Reinforcing steel, per lb., add;
(7a) do, deduct;
(8) Linlouem, per sq. yd. laid, add;
(8a) do, deduct;
(9) Cement topping per sq. yd. laid, add;
(9a) do, deduct;
(10) Concrete yard base and asphalt paving per sq. yd. laid, add;
(10a) do, deduct.

Total bids follow:

General Work

(a) O. Monson	$83,757
(b) Leo Epp	84,977
(c) James L. McLaughlin	85,123
(d) H. L. Petersen and Claude Hoffmeyer	89,000
(e) Frank J. Reilly	89,423
(f) Anderson & Ringrose	90,000

Electrical Work

Spencer Electric Co.	$2,287
Enterprise Electric Co.	2,323
H. S. Tittle	2,750
Abbett Electric Co.	2,800
American Electric Const. Co.	2,820
Paragon Electric Co.	2,878
Dowd-Seid Electric Co.	2,959
B. J. Doherty	2,986
R. Flatland	2,987
George F. Brayer	3,218
N. C. Nicklassen Elec. Const. Co.	3,269

Mechanical Work and Plumbing

M. Desiano	$8,317
Scott Company	8,567
James Pinkerton	8,615
A. Ramazotti	8,650
O'Mara & Stewart	8,794
Alta Electric Co.	9,790
Skelly & Kohler	9,931

General Work including Mechanical and Electric

(a) F. C. Amoroso & Sons	$ 98,800
(b) Anderson & Ringrose	102,000
(c) MacDonald & Kahn	103,301

	(a)	(b)	(c)
(1)	$ 2.00	$ 1.75	$ 1.00
(1a)	.90	.25	.20
(2)	2.50	2.50	2.00
(2a)	1.00	.25	.35
(3)	3.00	4.00	3.00
(3a)	1.50	.25	.40
(4)	4.50	.30	.45
(4a)	2.00	.30	.45
(5)	22.00	22.00	28.00
(5a)	10.00	8.00	6.00
(6)	18.00	20.00	27.00
(6a)	7.00	6.00	5.00
(7)	.06	.07	.07
(7a)	.03	.025	.02
(8)	2.30	3.50	2.50
(8a)	1.20	1.25	1.00
(9)	.60	.80	.70
(9a)	.28	.12	.20
(10)	2.10	2.00	1.50
(10a)	1.40	.60	.50

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	$ 2.00	$ 4.00	$ 1.50	$ 2.50	$ 2.00	$ 1.75
(1a)	.50	.35	.30	2.00	.75	.25
(2)	3.00	6.00	2.00	5.00	3.00	2.50
(2a)	.75	.35	.30	2.00	1.00	.25
(3)	6.00	7.00	3.00	8.00	4.00	4.00
(3a)	1.00	.40	.35	6.00	1.50	.25
(4)	9.00	10.00	4.00	12.00	6.00	10.00
(4a)	1.25	4.00	.40	8.00	2.00	.30
(5)	22.00	20.00	21.00	15.00	22.00	22.00
(5a)	8.00	10.00	7.50	13.00	12.00	8.00
(6)	21.00	20.00	19.00	14.00	20.00	20.00
(6a)	7.00	10.00	7.00	12.00	10.00	6.00
(7)	.06	.08	.05	.04	.07	.07
(7a)	.025	.025	.025	.036	.03	.025
(8)	3.00	3.00	2.50	1.92	2.00	3.50
(8a)	1.00	1.00	1.25	1.75	1.75	1.25
(9)	.90	1.00	.90	.59	2.00	.80
(9a)	.25	.30	.20	.40	.75	.12
(10)	2.00	2.50	2.50	1.38	2.00	2.00
(10a)	.50	.60	1.00	1.22	1.00	.60

ed contract by Wickenburg Board of Education at $11,844 for the construction of a gymnasium and auditorium building on Wickenburg high school site; a PWA project. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, architects.

Sub-Contracts Awarded.

SCHOOL Cont. Price, $66,491
HEALDSBURG, Sonoma Co., Calif.
One- and two-story wing addition to high school; reinforced concrete (structural steel frame) composition roofing, steam heating system maple floors, etc.; gymnasium, music department, 3 classrooms, alterations, etc.
Owner—Healdsburg High School Dist.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Contractor—Monson Bros., 475 Sixth St., San Francisco.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Structural Steel — Golden Gate Iron Works, 1541 Howard Street, San Francisco.
Metal Partitions—Dwan & Co., Call Bldg., San Francisco.
Roofing—C. L. Frost, 3159 El Camino, Palo Alto.
Plastering—Perry Bros., 241 E. Miner St., Stockton.
Finish Hardware—Baker, Hamilton & Pacific, 700 7th St., San Francisco.
Glass—Geo. Dale & Sons, Santa Rosa.
Plumbing and Heating—Schuster and Hudson, 175 12th St., Oakland.
Window Guards—Anchor Post & Fence Co., 460 Fifth St., San Francisco.
Other awards will be made shortly.

BIDS WANTED.

PLACENTIA, Orange Co., Cal.—Until April 6, 11 A. M., bids will be received by the Valencia high school district for erection of a new classroom building on the school site in Placentia. The building will be of concrete construction, 63x120 feet in area, concrete corridors, wood roof trusses, composition roofing, gas radiators, etc. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

AWARDS RECOMMENDED.

PASADENA, Cal.—Pasadena Board of Education has made a recommendation to the Public Works Administration that the general contract for reconstructing the Jane Addams and Louis Aggassiz buildings at Pasadena Junior college site, be awarded to Elmer H. Whittaker and W. L. Snook, 124 E. Arrellaga St., Santa Barbara, at $178,639, and the plumbing to Kenneth Fraser, 1452 N. Lake Ave., Pasadena, at $17,046. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect.

Plans Completed.

HIGH SCHOOL Cost, $10,000
WEAVERVILLE, Trinity Co., Cal.
One-story steel frame and wood high school building.
Owner — Trinity Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been forwarded to Sacramento for approval.
SERA will furnish labor and materials will be purchased by the school district.

Plans Completed.

HIGH SHCOOL Cost, $39,200
COVELO, Mendocino Co., Cal.
One-story frame and stucco academic building and 1-story frame gymnasium.
Owner — Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been forwarded to Sacramento for approval.
Bids will be asked shortly.

Contracts Awarded.

SCHOOL Cost, $40,000
CONCORD, Contra Costa Co., Calif.
Two - story reinforced concrete high school (ten classrooms) tile roof, steam heating system, probably concrete floors.
Owner—Mr. Diablo Union High School District (Miss Bertha Romaine, Principal).
Architect—W. H. Weeks, 525 Market St., San Francisco.

Cement
Russi & Sonner, Concord $3,468.00

Reinforcing Steel
Soule Steel Co., 1750 Army St., San Francisco $3,432.37

Steel Forms
Soule Steel Co., 1750 Army St., San Francisco $ 902.00

Mill Work
Diamond Match Co., Chico $2,275.00

Plumbing
W. E. Mauzie, Walnut Creek $1,683.00

Glass
Cobbledick - Kibbe Glass Co., 666 Howard St., S. F. $ 525.00

Terra Cotta Tile
Wm. J. Anderson, 3825 Army St., San Francisco $ 393.00

Roofing Materials
Martinez Sheet Metal Works, Martinez $ 231.90

Ornamental and Miscellaneous Iron
Oakland Ornamental Iron W'ks 746 21st St., Oakland $ 305.00

Patent Window Fixtures
Universal Window Co., 950 Parker St., Berkeley $ 699.00

Steam Fittings
T. J. Kennedy, Martinez $3,172.00

Electric
NePage - McKenny, 7 Front St., San Francisco $1,697.00

Sheet Metal
Martinez Sheet Metal Works Martinez $ 325.26

Lumber and aggregate bids held under advisement for a few days.

Complete bids reported March 26

PROJECT APPROVED

BURBANK, Los Angeles Co., Cal.—SERA has approved appropriation of $11,644 for reconstruction of the Luther Burbank School at Burbank. Work will include protecting floors, removing doors and windows, hollow tile walls and part of foundation. Reconstructing building using studs for wall framing. Austin & Ashley will supervise the project which will employ one timekeeper and 29 laborers.

Bids Wanted—To Close April 10, 2:30 P. M.

RETAINING WALL Cost, $5000
SAN FRANCISCO. No. 1435 Utah Street.
Construct retaining wall at Starr King School.
Owner—City and County of San Francisco.
Plans by the Bureau of Architecture, Chas. Sawyer, City Architect, City Hall.
Bids will be opened by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall.
Plans may be obtained from Chas. Sawyer, City Architect, upon deposit of $5.

COMMISSIONED TO PREPARE PLANS.

CHINO, San Bernardino Co., Cal.—Architect R. M. Bates, 5333 Delaware Ave., Los Angeles, commissioned by the Chino school trustees to prepare plans for reconstructing and adding new units to Chino school buildings. The program includes reconstruction of the primary building, using a light steel or wood frame; an addition to the building used by Mexican students, and revamping the senior high school by removing the third story, modernizing the structure and adding several classrooms and a study hall. Changes will also be made to the junior high school, although the exact nature of these improvements has not been determined. The work will be financed with funds on hand and will cost between $100,000 and $110,000. Plans are now in the preliminary stage.

Plans Being Figured—Bids Close April 6, 10 A. M.

SCHOOL Cost, $65,000
NESPELEM, Wash. Colville Indian Agency.
One- and two - story school building (reinforced concrete construction, built-up roof, steel joists) 10 classrooms.
Owner—U. S. Government (Bureau of Indian Affairs).
Plans by Engineering Dept. of Indian Affairs, Washington, D. C.
Associated Architect — G. A. Pherson, Spokane.
It was previously reported that bids would be opened on April 9, which was in error.
Plans and specifications may be obtained from W. B. Fry, purchasing officer, Department of the Interior, Washington, D. C., upon deposit of $25.00.

LOW BIDDER.

LOS ANGELES, Cal.—W. W. Petley and C. Matcham, Mills - Fraser Bldg., Santa Monica, submitted low bid to Los Angeles board of education at $83,299, for the construction of new buildings "A" and "B" at the Alta Loma school, 1745 Vineyard Avenue. Chas. M. Hutchison, architect, and Edward R. Bowen, 1132 Central Bldg., structural engineer

LOW BIDDER

LONG BEACH, Los Angeles Co., Cal.—Duff & Vandenhoogen, 733 W. 14th St., Long Beach, submitted apparent low bid to Long Beach Board of Education at $74,440 (using salvaged materials), for strengthening and altering the administration building on Locust Ave., Long Beach. Earl R. Bobbe, 315 Heartwell Bldg., Long Beach, architect.

BIDS WANTED

LONG BEACH, Los Angeles Co., Cal.—Until April 5, 4 P. M., bids will be received by Long Beach Board of Education for construction of additions and strengthening the Horace Mann School building. Separate bids will be taken on the general, plumbing, heating and electric wiring. Watson L. Hawk, 376 Newport Ave., Long Beach, Architect. Cost, $113,000.

BIDS REJECTED

LONG BEACH, Los Angeles Co., Cal.—Long Beach Board of Education has rejected all bids received January 30 for the construction of the Los Cerritos School and has instructed the secretary to re-advertise for bids. H. Alfred Anderson, 30 Pine Ave., Long Beach, architect.

BIDS WANTED

LOS ANGELES, Cal.—Until April 5, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building at the Sixth Avenue School, located on the north side of Jefferson Blvd., between Sixth and Seventh Aves.

BIDS WANTED

LOS ANGELES, Cal.—Until April 11, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two one-story, frame

and stucco school buildings and reconstructing one-story Class D brick school buildings at the Forty-ninth Street School, 4917 McKinley Ave. H. C. Deckbar, 3204 W. 6th St., architect, and H. A. Nelson, structural engineer, 312 Associated Realty Bldg. Cost, $110,027.

BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal. —Until April 12, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of building No. 1 at the 15th Street School, 1527 Mesa St., San Pedro. The work will include adding anchors and bracing, strengthening walls with gunite, strengthening roof and floor framing, etc. W. J. Saunders & Son, 785 E. Pico St., Los Angeles, architects and Davies & Walles, 1005 Ocean Center Bldg., Long Beach, structural engineers.

Plans Being Figured—Bids Close April 22, 8:30 P. M.

ALTER GYM. & SHOP Cost, $——
CROCKETT, Contra Costa Co., Calif.
High School Campus.
Structural and miscellaneous changes to gymnasium and shops at the High School.
Owner—Crockett School District.
Engineers—Henry D. Dewell and Austin W. Earl, 55 New Montgomery St., San Francisco.
Plans may be obtained from the engineers upon deposit of $25.

Bids Rejected.

SCHOOLS Cost, $100,000
DALY CITY, San Mateo Co., Calif.
Three 1-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson and Crocker units.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Rollet, Crocker First National Bank Bldg., San Francisco.
Plans will be revised and new bids asked at a later date.
On bid opening lowest bid was submitted by Leo Epp, 4745 Geary St., San Francisco, at $74,447.

LOW BIDDER.

LOS ANGELES, Cal.—Harry F. Miller, 1908 W 75th St., submitted low bid at $31,586 to Los Angeles board of education for construction of a one-story, 6-room frame and stucco school building (unit No. 4) at the Lankershim school, 2530 Bakman Street, Van Nuys District. Henry C. Newton and Robt. D. Murray, 502 Architects Bldg. Architects, and C. J. Derrick, structural engineer.

CONTRACT AWARDED.

NORTH SACRAMENTO, Sacramento Co., Cal.—American Seating Co., 521 Mission St., San Francisco, at $8.46 each, awarded contract by the Grant Union High School District for furnishing and installing 969 seats for the auditorium of the new high school building in North Sacramento.

Plans Completed.

REPAIR SCHOOL Cost, $50,000
SAN FRANCISCO. Hayes and Ashbury Street.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market Street.

Preparing Plans.

LIBRARY Cost, $——
BERKELEY, Alameda Co., Cal. University of California Campus.
Fireproof library building for Department of Architecture.
Owner—University of California.
Plans by SERA workers under direction of Walter T. Steilberg, 1 Orchard Lane, Oakland.

Bids Opened.

AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Calif.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Low Bidder—N. H. Sjoberg & Son, Call Bldg., San Francisco.
Complete bids follow:
(1) general work with wood trusses;
(2) heating system;
(3) excavation under stage (add);
(4) stone work (add).

N. H. Sjoberg & Son, San Francisco	(1)	$28,682
	(2)	2,264
	(3)	1,492
	(4)	438
R. Hodgson & Sons, Porterville	(1)	$29,860
	(2)	2,425
	(3)	2,100
	(4)	800
Harris Const. Co., Fresno	(1)	$30,926
	(2)	2,023
	(3)	1,965
	(4)	300
*Carl N. Swenson, San Jose	(1)	$28,236
	(2)	2,050
	(3)	1,183
	(4)	700

*Bid disqualified as it did not comply with PWA requirements.

BIDS WANTED

LOS ANGELES, Cal.—Until April 5, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building at the Sixth Avenue school, located on the north side of Jefferson Blvd. between 6th and 7th Avenues. Wilkinson & Crosby, architects, 201 S. Grand Ave., and Ryan A. Grut, structural engineer, 1007 South Grand Avenue.

Material Bids Being Taken.

SCHOOL Cost, $15,000
MARIPOSA, Mariposa Co., Calif.
One-story frame and stucco elementary school (3 classrooms).
Owner — Mariposa Elementary School District.
Architect—W. H. and Harold Weeks, 525 Market St., San Francisco.

Plans Being Figured—Bids Close Apr. 10, 8 P M.

GYMNASIUM Cost, $40,000
SANGER, Fresno Co., Calif.
One-story reinforced concrete gymnasium.
Owner—Sanger Union High School District.
Architect—W. D. Coates, 6 2 6 Rowell Building, Fresno.
Plans and specifications may be obtained from the architect and from the Board of Trustees, Sanger Union High School District, upon deposit of $25.00.

Bids Rejected.

AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Cal.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids rejected as they ran too high. Additional funds will be requested from the PWA.
On bid opening lowest bid was submitted by N. H. Sjoberg & Sons, San Francisco, at $28,682.

BONDS DEFEATED

BERKELEY, Cal.—A proposed bond issue of $500,000 to be used in rehabilitation of school buildings and new construction was defeated at a special election, March 26.

Planned.

SCHOOL BLDG. Cost, $——
OAKDALE, Stanislaus County, Calif.
Campus of Oakdale High School.
School building to house agricultural classes.
Owner—Oakdale High School District.
Architect—Not Selected.
Further details will be announced at a later date.

PROJECT APPROVED

NORWALK, Los Angeles Co., Cal. —SERA has approved appropriation of $78,654 for repairs and reconstruction at the Excelsior Union High School Auditorium, Norwalk. Work will include preparing existing foundations for new reinforced concrete walls, constructing new steel framed roof, plumbing, heating, etc. T. C. Kistner of the Excelsior Union High School District will supervise the project which will employ one timekeeper and 53 laborers.

16— BANKS, STORES AND OFFICES

Sub-Contracts Awarded.

MARKET Cost, $10,000
SANTA ROSA, Sonoma Co., Cal. Mendocino Avenue.
Drive-in market (100x50 ft.) tile roof, black tiling, glass, etc.; Spanish style.
Owner—Safeway Stores.
Plans by **Engineering Dept.** of
Contractor—A. M. Hildebrandt, Healdsburg Highway, Santa Rosa.
Roofing—Mastercraft Tile and Roofing Co., Richmond.
Plumbing—M. Sugarman, Santa Rosa.
Sheet Metal—Ed. Holtz, Santa Rosa.
Tile Work—W. H. Moody, Santa Rosa.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Brick and Stone Work—Olsen & Son, Petaluma.
Lumber—Sterling Lumber Co., Santa Rosa.
Hardware—Dixon Hardware Co., Santa Rosa.
Plastering — Charles Valencia Santa Rosa.
Mill Work — Huntington Mill, Santa Rosa.

Contract Awarded.

ALTERATIONS Cost, $1500
SAN FRANCISCO. 215 Kearny Street.
Alterations to building.
Owner—Bothin Realty Co., 604 Mission Street.
Architect—Not Given.
Contractor—A. F. Mattock, 212 Clara Street.

Contract Awarded.

RESIDENCE Cost, $2500
WOODLAND, Yolo Co., Calif. First and Main Streets.
Alterations to drug store (new front, etc.)
Owner—R. Alge, Woodland.
Architect—Not Given.
Contractor—J. G. Motroni, Woodland

Contracts Awarded.

BANK BUILDING Cost, $——
SANTA BARBARA, Santa Barbara Co., Calif. NE State Street and Canon Presidio.

One-story, basement and mezzanine floor reinforced concrete bank bldg. (62x125 ft.) limestone, terra cotta and granite exterior, tile and composition roof; metal windows, hot air gas furnaces; marble or terrazzo floors, bronze and marble counter, screens, some linoleum and rubber tile floors, bank fixtures,etc.
Owner—Bank of America.
Plans by Architectural Dept. of Owner, 625 Market St., San Francisco.
Contractor—H. H. Larsen, 64 South Park, San Francisco.
Exterior Stone and Granite—California Cut Stone Co., Railroad and Magnolia Aves., South San Francisco.
Sub-bids are in and will be awarded in about one week.

Completing Plans.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about three weeks.

To Ask Bids In One Week.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 1055 Market Street.
Alterations to store for market (new front, terrazzo floors, refrigerations, ets.)
Owner—Withheld.
Architect — Frederick Reimers, 233 Post St., San Francisco.

BIDS WANTED
SAN FRANCISCO—Until April 5, 3 P. M., informal bids will be received by Public Utilities Commission, Room 287, City Hall, for interior carpentry work, including glazing, hardware, plastering and painting on the second, fourth and sixth floors of the San Francisco Water Department Building, 425 Mason St. Drawing No. E-846.
Specifications may be obtained at Room 701, Water Department Bldg., 425 Mason Street.

Plans Being Completed.
ALTERATIONS Cost, $3000
SANTA CRUZ, Santa Cruz Co., Cal. Pacific Avenue.
Alterations to store building (cement, stucco over frame, alter front, etc.)
Owner—Wilson Bros., Santa Cruz.
Plans by C. W. Lawrence, New Santa Cruz Theatre Bldg., Santa Cruz.
Bids will be asked in about ten days

Plans Being Prepared—Contract Awarded.
ALTER STORE Cost, $——
STOCKTON, San Joaquin Co., Calif. Main and American Streets.
Alterations to department store (remodel basement, new shop windows; auditorium to be equipped with stage equipment, etc.)
Owner—Stockton Dry Goods Co. (A. B. Cohn) Main and American Sts., Stockton.
Plans by Contractors.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

CONTRACT AWARDED.
LOS ANGELES, Cal.—Otis Elevator Co., 300 E 8th St., awarded contract for modernizing four passenger elevators in office building on the southeast corner of Sixth and Hill Sts. for the W. I. Hollingsworth Co. The work will involve the installation of new metal fronts, car platforms, switches, signal equipment and doors. Marble and plaster work in connection with the modernization program will be handled by the Musto-Keenan Co., 1801 S. Sota St. Cost of the improvements will total about $32,000. Work will start April 3.

Bids Opened.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. NW Ninth and K Streets.
Alterations and additions to store building (123x166 feet) work involves air conditioning, facing exterior with terra cotta, marquee on Ninth and K Streets elevation, lighting fixtures, new show windows, etc.
Owner—Hale Bros., Fifth and Market Streets, San Francisco.
Architect—W. E. Coffman, California State Life Bldg., Sacramento.
Complete bids follow:
Carrier Engr. Co., 748 East Washington St., L. A.....(1) $30,800
.....(2) 26,500
.....(3) 36,200
Westinghouse Electric & Mfg. Co., San Francisco.....(1) $31,742
.....(2) 26,577
Frigidaire Corp., L. A.....(1) $42,475
.....(2) 32,322
York Ice Machine Corp., Los Angeles .....(1) $43,800
.....(2) 34,600
Bids held under advisement.

Construction Under Way.
ALTERATIONS Cost, $7,000
SAN FRANCISCO. 735 Battery Street.
Alterations to loft building.
Owner—L. S. Mastick, % contractor.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street.
Elevator Work—San Francisco Elevator Co., 860 Folsom St.

Plans Being Prepared.
ADDITIONS Cost, $——
NAPA, Napa Co., Cal. 1116 First St.
Alterations and additions to department store (new lighting system, painting, decorating, linoleum floor covering, pneumatic tube system, display cases, etc.)
Owner—Albert's Department Store, (Harry Gross, Prop.) 1116 1st St., Napa.
Plans by B. R. Paradise, 834 South Plymouth, Los Angeles.
Work will be done by day's labor by local contractors.

Plans Being Figured—Bids Close Apr. 1, 12 Noon.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 1055 Market St.
Alterations to store for market (new front, terrazzo floors, refrigeration, etc.)
Owner—Withheld.
Architect—Frederick Reimers, 233 Post Street.
Fred. DuPuy, 110 Sutter St., is figuring the plans.

Contract Awarded.
ALTERATIONS
SAN FRANCISCO. No. 260 Montgomery Street.
Alterations and additions to first floor and basement.
Owner—H. S. Crocker Co., Inc., 565 Market St., San Francisco.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market St., San Francisco.
Work is being done on a cost plus basis.

Plans Completed.
OFFICE Cost, $3000
OAKLAND, Alameda Co., Cal. Ninth and B Streets.
One-story office building.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.

Planned.
ALTER CAFE Cost, $——
SAN JOSE, Santa Clara Co., Calif. SW First and St. John Sts.
Alterations to building for cafe.
Owner—Frank Galrnese, 980 W. San Salvador St., San Jose.
Architect—Not Given.
Further details will be announced shortly.

18—WHARVES & DOCKS

PERMIT ASKED.
ELWOOD, Santa Barbara Co., Cal. —Application has been made by the Pacific Western Oil Company for War Department permit to widen a pier located on State Tideland Lease No. 92 near Elwood, Santa Barbara Co.
Drawings showing the location and plan of the proposed construction may be seen at the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles, until 11 A. M., Saturday, March 23, 1935; Major H. H. Stickney, District Engineer.

Bids Opened.
APRON Cost, $——
SAN FRANCISCO. Pier No. 43.
New car ferry apron at Pier No. 43 (steel construction to replace the present apron).
Owner — State of California (Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Low Bidder—Louis C. Dunne, Monadnock Building.
Complete bids follow:
Louis C. Dunne $18,741
Judson Pacific Co. 19,877
M. B. McGowan 20,414
Herrick Iron Works 24,872
Bids held under advisement.

PWA Approved Plans.
EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).

19—MISC. CONSTRUCTION

BIDS OPENED.
PHOENIX, Ariz.—Following bids received by U. S. Property and Disbursing Officer, Militia Bureau, Phoenix, for addition to infirmary building and construction of underground tank and visible pump for gasoline.

Infirmary Addition
C. O. Johnson, Phoenix.....$948.00
D. E. Webb Const. Co., Phoenix 950.00

Pump
Dayton Pump Sales Co., Phoenix $208.95
Wayne Co., Los Angeles..... 217.98
C. O. Johnson, Phoenix..... 298.50
D. E. Webb Const. Co., Phoenix 339.00
Bids held under advisement.

BIDS WANTED
SACRAMENTO, Cal.—Until April 1, 5 P. M., bids will be received by Chas. C. Hughes, Secty., Sacramento Board of Education, for wrecking and removal of tthe six-classroom, frame, two-story and basement school building and the three-classroom, two-story frame kindergarten building at the old Highland Park School, located on the corner of Third Ave. and 24th St., Sacramento.

BIDS WANTED.
MARE ISLAND, Cal.—Until April 24, 11 A. M., bids will be received by Public Works Office, Mare Island Navy Yard, under Spec. No. 7736, for resetting boiler No. 10 (1000 hp. edge

moor boiler now installed in Building No. 121), in the Central Power Plant, Mare Island Navy Yard.

Specifications obtainable from the Commandant, Mare Island Navy Yard and from the Bureau of Yards and Docks, Navy Department, Washington, D. C., upon deposit of $5.

BIDS WANTED.

TUOLUMNE COUNTY, Cal.—Until April 4, 3 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Hetch Hetchy Water Supply Contract No. 153, for the reconstruction of the West Portal-Moccasin Power line, at Moccasin, Tuolumne County. Work will include furnishing all materials not specified to be furnished by the city, all hauling, and all labor.

The work involves:

(A) The installation of a new 22,000 volt power line approximately 5,500 ft. long, on wood poles, extending easterly from the switchyard of Moccasin Power House.

(B) The salvaging of the 22,000-volt on the old pole line within the limits of the new line.

(C) The building of an extension to the existing 2,300-volt power line at the Mocassin switchyard on wood poles to reach a new group of cottages.

Estimated quantities are:

(1) 26 22-kv. poles, to be installed;
(2) 3 2300-v. poles, to be installed;
(3) 3 old poles to be removed;
(4) 19 pole tops to be cut off;
(5) 5,500 ft. 22-kv. 3-phase circuit to be moved;
(6) 850 ft. 2300-v. single phase circuit, to be installed;
(7) 1 10-kva transformer to be moved
(8) 1 50-kva do to be installed;
(9) 1 22-kv. section switch to be moved.

The following materials will be salvaged by contractor and reinstalled on new work:

(1) 1 10-kva. 22-kv. transformers with accessories;
(2) 1 22-kv. section switch;
(3) No. 4 solid copper line wire.

The city will furnish all insulators required f.o.b. warehouse at Hetch Hetchy Junction, and a 50-kva. 2300-volt transformer with cutouts and fuses f.o.b. Mocassin warehouse.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

Sub-Contracts Awarded.

ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal.
46th Ave. and Folsom Blvd.
Reinforced concrete addition to mausoleum.
Owner — East Lawn Investment Co., Premises.
Architect—Not Given.
Contractor—Campbell Const. Co., 800 R St., Sacramento.
Plumbing—Luppen & Hawley, Sacramento.
Electric Wiring—George C. Foss, Sacramento.
Reinforcing Steel—Palm Iron & Bridge Works, Sacramento.
Lumber—Sacramento Lbr. Co., Sacramento.
Painting—Willcoxon & Wilson, Sacramento.
Lathing and Plastering—Thomas F. Scollan, Sacramento.

BIDS WANTED

SAN CARLOS, Arizona—Until April 3, 2:30 P. M., bids will be received by the U. S. Indian Irrigation Service, 5th floor, 751 S. Figueroa St., Los Angeles, for furnishing and erecting one atmospheric cooling tower for standby Diesel engine generating plant located on the San Carlos Indian Reservation near Coolidge, Ariz. Federal Project No. 261. Bid No. 0153. Specifications and forms for submitting bids may be obtained from the above office.

Preparing Working Drawings

MONUMENT Cost, $150,000
MONTEREY, Monterey County, Calif.
Point Pinos.
Reinforced concrete and stone monument (250-ft. high) elevator; concrete stairway, artificial lighting in exhibition gallery and museum, ventilating system, beacon, etc.
Owner — California Portuguese of American Extraction.
Architect — G. A. Applegarth, Russ Bldg., San Francisco.

PLANS PREPARED.

BURBANK, Los Angeles Co., Cal.—Warner Bros.-First National Studios, Burbank, have had plans prepared by their architectural department for a property storage building, a crafts building and nine stages to be built at the company's Burbank studio. Total cost of the structures is estimated at $1,000,000. Construction of the buildings depends upon the outcome of the proposed state legislation which would place an additional tax on motion picture producers.

CORRECTION IN BID OPENING DATE

SAN FRANCISCO—Joseph J. Phillips, Director of Property, City Hall, will sell at Public auction on April 1, 9 A. M., to the highest cash bidder, the city owned buildings located at the following addresses:

Stores and flats at 697-699 Vermont St., and 2130 19th Street.

Building at 2122 19th St. and adjoining garage.

Buildings will be sold individually.

CONTEMPLATED.

MODESTO, Stanislaus Co., Calif.—City Council will submit proposal to voters at April 9 election to authorize engineering survey of Modesto Gas Company properties, contemplating acquisition for municipal operation.

Sub-Contracts Awarded.

DOG HOSPITAL Cost, $4,000
SAN MATEO, San Mateo Co., Calif.
2600 El Camino.
One-story frame dog hospital.
Owner—Dr. Harold Groth, 2600 El Camino, San Mateo.
Architect—Herbert E. Goodpastor, 1412 California State Life Bldg., Sacramento.
Contractor—Chas. Pedersen, 734 Prospect Row, San Mateo.
Roofing—Atlas Roofing Co., San Mateo
Plumbing—Harry Lee, Burlingame.
Sheet Metal—J. L. Montgomery & Son San Mateo.
Lumber—Wisnom Lbr. Co., San Mateo.
Mill Work—Pacific Mfg. Co., Santa Clara.

Planned.

ALTERATIONS Cost, $——
RENO, Washoe Co., Nevada.
Remodel Dean Building for stage depot (75 foot frontage).
Owner—Greyhound Stage Lines, 5th & Mission Sts., San Francisco.
Architect—Not Given.
Further details will be announced shortly.

BIDS WANTED.

ORINDA, Alameda Co., Cal.—Until April 10, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kmball, Secretary, 512 16th St., Oakland, under Proposal No. L.S. 141, for tile flooring for the Orinda Filter Plant. Estimated cost $10,000.

Plans and specifications obtainable from the above office.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED.

SAN FRANCISCO.—Boorman Lumber Co., 10,035 E. 14th St., Oakland, at $1,473.02 awarded contract by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second St., San Francisco, under Contract No. 547, for furnishing corrugated, galvanized steel sheets and ridge roll for roofing warehouses.

Complete bids follow:

Identical bids at $1,473.02, 2%, 10 days, submitted by the following: Boorman Lumber Co.; Merrill Hubbard & Co.; Sloss & Brittain; Foucar, Ray & Simon; Oakland Sheet Metal Supply Co.; Tay-Holbrook, Inc.; Taylor & Spotsworth; Sterling Lumber Co.; Baker, Hamilton & Pacific Co.; W. R. Ames Co.; Federal Pipe & Supply Co., and Dallman Supply Company.

Identical bids at $1,473.02, ½%, 10 days, submitted by Columbia Steel Co. and Pacific Coast Steel Co.

CONTRACT AWARDED

SAN FRANCISCO—Calaveras Cement Co., 315 Montgomery St., San Francisco, at $2.71 per bbl., total $813 awarded contract by Jas. T. Forster, Assistant General Purchasing Agent, Firest Service, 85 Second St., under Contract No. 543, for furnishing 1200 94-lb. bags of cement.

Identical bids at $2.71 per bbl., were submitted by the followning:

Calaveras Cement Co., Pacific Portland Cement Co., Cowell Lime & Cement Co., Yosemite Portland Cement Corp. and Santa Cruz Portland Cement Co.

BIDS OPENED.

SAN FRANCISCO. — Bids were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1342, for furnishing steel maganese track crossings for the Municipal Railway, as follows:

(1) 1 solid manganese steel single over double track railway crossing;
(2) 2 single x single track solid manganese steel skew crossing;
(3) 1 single over double track solid manganese steel crossing;
(4) 1 do;
(5) 1 do;
(6) 1 solid manganese steel single over single track crossing;
(7) 1 solid manganese steel railway crossing of Municipal Railway's double track.

The bidders were:

(A) The Buda Company;
(B) Columbia Steel Co.
(C) Pacific Coast Steel Corp.

Complete bids follow:

	(A)	(B)	(C)
(1)	$3,187	$3,220	$3,134
(2)	2,726	2,719	2,661
(3)	3,309	3,338	3,248
(4)	2,845	2,795	3,095
(5)	2,845	2,795	3,095
(6)	1,343	1,360	1,318
(7)	4,935	4,842	5,180

Bids held under advisement.

CONTRACTS AWARDED.

PARKER DAM, Calif. — Bureau of Reclamation has awarded the following contracts for electric equipment for residences, dormitory and office building at the government camp, Parker Dam; Spec. 652-D: Edison General Electric Appliance Co., Chicago, item 5, one 30-gal. electric water heater, $47.95; Listenwalter & Gough, Los Angeles, items 2, 4 and 6, ten electric refrigerators, two electric water coolers and one 120-gallon. electric water heater, $914.52; Graybar Electric ranges, $431.25; South Wesix Heater Co., Los Angeles, items 7, 8 and 9, thirty space heaters, $564.84.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until April 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1347, for furnishing pipe and fittings for the term May 1 to August 31, 1935.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1346, for furnishing paint, painters' supplies, lacquer and glass for the term May 1 to August 31, 1935.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1354, for furnishing approximately 10,000 ft. of 1-in. garden hose and 1,000 ft. of ¾-in. garden hose for the Park Commissioners.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until April 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1352, for furnishing 6- 12- and 16-inch gate valves.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Cal.—Until April 1, 4:30 P. M., bids will be received by the Oakland Board of Port Commissioners A. H. Abel, Secretary, Room 73, Grove St. Pier, for furnishing one truck scale 60-feet long, 80,000 pound capacity, at Outer Harbor, for weighing truck and trailer.

Specifications obtainable from above office.

U. S. POST OFFICE DEPT.

LONG BEACH, Cal.—Until April 3, bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., for one steel case for the U. S. Post Office, Long Beach. Proposal No. 1891.

SAUSALITO, Marin Co., Cal.—Until April 5, bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., for one section of opening steel shelving and one section enclosed steel shelving for the U. S. Post Office, Sausalito. Proposal No. 1905.

SAUSALITO, Marin Co., Cal.—Until April 5, bids will be received by Purchasing Agent, Post Office Department, Washington, D. C., for one facing slip case and table, two desk nad counter cabinets, one key case, one postal savings certificate book cabinet, one directory case and table; two enclosed bulletin boards, one held matter case and table, two stamped paper cabinets, one storage cabinet, and one money order cabinet, registry and c.o.d. filing cabinet for the U. S. Post Office, Sausalito. Proposal No. 1904.

WAR DEPARTMENT

FORT MASON, Cal.—Until April 1, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-35-217, Req. QM 671-126-35, Memo 6068, as follows:

(1) 1,000 ft. lead covered, galv. flexible steel armor cable or conductor;
(2) 200 ft. Copper O—600-volt, asbestos covered wire;
(3) 50 caps for snap-catch interchangeable porcelain sockets;
(4) 60 internal elbows, 90-deg.;
(5) 40 couplings and supports;
(6) 6 sheets segment mica, 18x36-in.;
(7) 2 tubular steel poles, 3 sections;
(8) 16 lamp receptacles, porcelain, one piece;
(9) 68 keyless receptacles, keyless, all steel;
(10) 3 guy rods, hot galvanized;
(11) 12 rotary switches and enclosed fuse cutouts combined, porcelain, slotted base;
(12) 6 floor treads;
(13) 1 air compressor, reciprocating, center-gear, motor-driven, single stage.

The above supplies are for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from the Quartermaster Supply Officer, Fort Mason.

CANAL ZONE

PANAMA CANAL—Until April 2, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3042, for furnishing miscellaneous supplies, including:

Sodium nitrate dynamite, warehouse trucks, water-pipe bends, bolts, nuts, ogee washers,, foundry nails, storage batteries, dry cells, motorcycle tires, asbestos-magnesia pipe covering, asphalt-saturated rag felt, mineral-seal oil, rod-cup grease, asphalt cement, beeswax, ganister and fencing material.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal Fort Mason, San Francisco.

PANAMA CANAL—Until April 9, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3043, for furnishing miscellaneous supplies and equipment, including:

Steel, copper, brass, copper and brass pipe, standard steel wire insulators, circuit breakers, knife switches, toggle switches, electric lighting fixtures, electric cable, rubbed sheathed flexible cord, vacuum-cleaner cord, heater cord, standard copper wire, magnet wire, soft steel wire, sheet lead, silver solder, wire cloth, tackle blocks, chain shackles, life preservers ash oars, sheathing nails, brass grommets, drinking glasses, pneumatic rubber hose, metallic team hose, rubber steam hose, Manila rope and canvas.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., as follows:

TUBES, copper-nickel-alloy condenser tubes; East and West Yards. Sch. 4554; March 29.

TUBES, 4,000 steel boiler tubes; East and West Yards. Sch. 4545; April 5.

EQUIPMENT, 4 Diesel engine-driven generator equipment and spares, Mare Island. Sch. 4598; April 5

EJECTORS, air and spares, East and West Yards. Sch. 4565; April 9.

GREASE, lubricating, graphite and mineral; East and West Yards. Sch. 4595; April 9.

STEEL, marine boiler plate; East and West Yards. Sch. 4609; April 12.

IRON, sheet wrought iron, flat; East and West Yards. Sch. 4608; April 12.

Information obtainable from above office and from the 12th Naval District, 100 Harrison St., San Francisco.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until April 1, 10 A. M., bids will be received by the State Purchasing Agent, 323 State Capitol, Sacramento, under Quotation No. 45501, Req. No. HS 9448, for furnishing one portable air compressor, skid-mounted for installation on truck chassis.

Delivery fob Division of Highways, Shop Headquarters, Sacramento.

Specifications obtainable from above office.

REDDING, Shasta Co., Calif.—Until April 2, 10 A. M., bids will be received by the State Purchasing Agent, 323 State Capitol, Sacramento, under Quotation No. 45520, Req. No. 1-8748, for furnishing four 110-gal. asphalt kettles.

Delivery fob Division of Highways, Shop 2, Redding.

Specifications obtainable from above office.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until April 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 672-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nevada, at the option of the bidder, two gages for indicating the water levels in the forebay and tailrace and one gage for indicating and recording water levels in the river at the gaging station, for installation in the Boulder Power Plant. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50c not returnable.

BOULDER CITY, Nev.—Until April 2, 2 P. M., bids will be received by the Bureau of Reclamation, A. McD. Brooks, Purchasing Agent, Customhouse, Denver, under Bid No. 23,418-A, for furnishing and delivering fob cars factory shipping point and or fob cars at Boulder City, suspension type insulator units of the ball and socket type.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

COMPLETE BID LISTING

IMPERIAL COUNTY, Cal.—R. E. Hazard Contracting Co., P. O. Box 1438, San Diego, at $16,568 awarded contract for the construction of bridges and about 0.2 mile of highwty to be graded and surfaced with road mixed bituminous treated material in Imperial County, about 1½ miles north of Calexico.

The work involves:

(1) 4,200 c.y. imported borrow;
(2) 1200 c.y. selected material;
(3) 26 tons cutback asphalt;
(4) 2400 sq. yds. preparing, mixing and shaping roadbed;
(5) 21 tons fuel oil;
(6) 225 M. gals. water;
(7) 14 stations finishing roadway;
(8) 1 lot moving existing bridges for detour;
(9) 85 c.y. structure excavation;
(10) 155 c.y. Class A Portland cement concrete;
(11) 30,000 lbs. bar reinf. steel;
(12) 2240 l.f. furnish creosoted Douglas fir piles;
(13) 64 each driving creosoted do;
(14) 7 M. ft. b.m. creosoted Douglas fir timber;
(15) 266 l.f. timber railing;
(16) 1 lot removing and disposing of existing bridges;
(17) 1 lot misc. items of work.

Total bids follow:

(A) R. E. Hazard Contracting Co., San Diego, $16,568.
(B) Parish Bros., Los Angeles, $16,752.

Unit bids follow:

	(A)	(B)
(1)	$ .85	$ .60
(2)	1.50	1.00
(3)	20.00	28.00
(4)	.06	.12
(5)	20.00	25.00
(6)	1.00	1.00
(7)	8.00	8.00
(8)	1500.00	1681.00
(9)	1.00	1.00
(10)	18.00	23.00
(11)	.05	.045
(12)	.55	.58
(13)	20.00	19.00
(14)	75.00	90.00
(15)	2.50	2.00
(16)	100.00	300.00
(17)	100.00	495.00

BIDS WANTED

THURSTON COUNTY, Washington—Until April 9, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, Wash., for paving with Portland cement concrete about 0.1 mile and constructing a double track steel girder undercrossing of the Northern Pacific Railway Company tracks in Tenino on Road No. 1, Tenino Undercrossing, U.S.P.W. Project NRM 85, in Thurston County.

The work involves approximately 8800 cu. yds. excavation; 4786 sq. yds. Portland cement concrete pavement; 330 cu. yds. Portland cement concrete 236,500 lbs. structural steel; 25 M.B.M. timber and plank; 255 lin. ft. pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.

CONTRACT AWARDED.

IMPERIAL COUNTY, Calif.—Parish Bros., 1222 N. Gower St., Hollywood, at $11,689 awarded contract by the State Highway Commission, Sacramento, for constructing a bridge in Imperial County, 3.7 miles east of Brawley across Alamo River, consisting of eight 19-ft. timber trestle spans on pile bents.

BIDS OPENED.

GLENDALE, Los Angeles Co., Cal.—Patten-Blinn Lumber Co., Litchfield Lumber Co., Blue Diamond Corp., Ltd. Soule Steel Co. and the Truscon Steel Co. submitted identical bids to Glendale city council March 21 to furnish, cut, bend and deliver at the bridge site 54,000 lbs. reinforcing steel for the bridge to be constructed across the Arroyo Verdugo at Geneva St.; and second, as an alternate, to furnish, cut, bend, deliver and place the reinforcing steel. J. C. Albers, city engineer. The prices were: Furnish and deliver, etc., $.029317 per lb.; alternate placing, $.005475 lb. Discount $.000139 per lb. if paid within 10 days from date of invoice.

CONTRACT AWARDED.

SAN JOAQUIN CO., Calif.—John Hachman, P. O. Box 206, Stockton, at $6,400 submitted low bid on Schedule 2 (creosoted piles) and awarded contract by the San Joaquin County Board of Supervisors, Stockton, for the construction of landings and approach trestle at the site of the Woodward Island Ferry across Middle River between the Lower Jones tract and Woodward Island, about 15 miles west of Stockton.

Complete bids follow:

John Hachman, Stockton: Schedule 1 (untreated piles) $5,160; Schedule 2 (creosoted piles) $6,400.

P. Sinnock, Stockton: (1) $4,774; (2) $6,556.

Bundesen & Lauritzen, Pittsburg: (1) $4,479; (2) $6,856.

C. A. Lauritzen, Antioch: (1) $5,574.-84; (2) $7,427.87.

BIDS OPENED.

MARICOPA, COUNTY, Ariz.—Wm. Peper, P. O. Box 1564, Phoenix, submitted the low bid to the Arizona State Highway Commission, Phoenix, March 22 at $3659 for bridge construction on the Mesa-Superior Highway AFE 8059, NRH 65. The work, which is located approximately 4 miles east of Mesa, consists of the widening of a concrete bridge over the Eastern Canal.

Clinton Campbell submitted the only other bid at $4141.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED.

LOS ANGELES, Calif.—Lynch Cannon Engr. Co., 5658 Wilshire Blvd., Los Angeles, at $39,993.25 submitted low bid to the Los Angeles Board of Public Works, March 20, for constructing the San Fernando Road bridge over the Southern Pacific Company's tracks near Tunnel Station.

Complete total bids follow:

Lynch-Cannon Engr. Co., Los Angeles	$39,993.25
Reed & Maiser, L. A.	40,254.90
Dimmitt & Taylor, L. A.	41,734.40
Byerts & Dunn, L. A.	47,037.50
Engineer's estimate	37,198.50

Bids held under advisement.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Matich Bros., Elsinore, submitted low bid to the Department of Public Works, Division of Highways, at the office of the District Engineer, 247 Third St., San Bernardino, March 18 at $6831, and awarded contract by the State Highway Commission, Sacramento, for constructing a reinforced concrete girder bridge in Riverside County, over San Gorgonio Wash, about three miles east of Banning, consisting of five 30-ft. spans to be widened to provide a roadway 30 ft. wide.

P. R. Hughes, Long Beach, submitted the only other bid at $7000.

BIDS WANTED

ALAMEDA COUNTY, Cal.—Until April 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, Southern Pacific Company and Key System, Ltd., in the City of Oakland, Alameda County, consisting of a steel and concrete viaduct on concrete bentts with a concrete roadway slab.

The work involves:

(1) 1 lot remove buildings and clear site;
(2) 40,000 cu. yds. excav. for struct.;
(3) 9000 cu. yds. Class B Portland cement concrete in place (footings);
(4) 22,000 cu. yds. Class B Portland cem. conc. in place (superstructure);
(5) 2000 cu. yds. Class B Portland cement concrete in place (steel stringer slab);
(6) 4000 bbls. extra Portland cement
(7) 660,000 lbs. pipe railing in place;
(8) 3,500,000 lbs. reinf. steel in place
(9) 4,500,000 lbs. struct. steel in place;
(10) 21,000 lbs. bronze castings in place;
(11) 1 lot electric lighting system complete in place;
(12) 20,000 lbs. cast iron drains in place;
(13) 2200 tons field painting;
(14) 59,000 lin. ft. 4¼-inch reinforced trusses in place.
(15) 95,000 lin. ft. 5¼-in. do.;
(16) 1 lot remove and replace sewers;
(17) 1 lot miscellaneous items of work

Plans and specifications obtainable from above office, and on file at the office of the Bay Bridge Commission, 500 Sansome St., San Francisco, and

the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED.

LOS ANGELES, Calif.—Lynch-Cannon Engr. Co., 5658 Wilshire Blvd., Los Angeles, at $149,688.52 (Unit A, precast piles) submitted low bid to the Los Angeles Board of Public Works, March 20 for construction of the Gaffey Street bridge across Summerland Ave. and the Gaffey St.-Elberon St. grade separation.

Complete bids follow:

UNIT A

Lynch-Cannon Engr. Co., Los Angeles: (1) precast piles, $149,688.52; (2) cast in place piles, $151,688.52.

John Strona, Pomona: (1) $149,962.30; (2) $149,962.30.

Bannister-Field Co., Ltd., and Fred Potts, Los Angeles: (1) $154,436.92; (2) $154,436.92.

Reed and Maiser, Los Angeles: (1) $157,600.37; (2) $157,600.37.

Person & Thiele, Los Angeles: (1) $159,223.55; (2) $156,963.55.

Griffith Co., Los Angeles, (1) $160,488.55; (2) $159,988.55.

L. E. Dixon Co., Los Angeles: (1) $165,262.82; (2) $165,262.82.

Byerts & Dunn, Los Angeles: (1) $167,951.24; (2) $167,951.24.

R. E. Campbell, Los Angeles: (1) $178,714.26; (2) $178,714.26.

Engineer's estimate: (1) $185,222.66; (2) $185,222.66.

UNIT B

Person & Thiele: (1) $114,053.17; (2) $111,793.17.

Griffith Co.: (1) $115,507.05; (2) $115,007.05.

R. E. Campbell: (1) $131,187.77; (2) $137,187.77.

Byerts & Dunn: no totals.

Engineer's estimate: (1) $132,120.89; (2) $132,120.89.

UNIT C

Griffith Co., $49,581.12.

Byerts & Dunn, no total.

R. E. Campbell, no total.

Engineer's estimate, $53,101.77.

Complete tabulation of unit bids on file at the office of DAILY PACIFIC BUILDER.

Bids held under advisement.

CONTRACT AWARDED

IMPERIAL COUNTY, Calif.—R. E. Hazard Contracting Co., P. O. Box 1438, San Diego, at $16,568 awarded contract by the State Highway Commission, Sacramento, for the construction of two bridges and about 0.2 mile of highway grading and surfacing with road mixed bituminous treated material, about 1½ miles north of Calexico, in Imperial County.

CONTRACT AWARDED

SAN JOAQUIN CO., Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $8,835 awarded contract by the State Highway Commission, Sacramento, for construction of an underground crossing under the tracks of the A. T. & S. F. Railway at Fresno Ave. near the City of Stockton, San Joaquin County, consisting of one 26-ft. 8-in. steel stringer span with timber deck on concrete abutments with wing walls.

22—DREDGING HARBOR WORKS EXCAVATION

BIDS OPENED

PORTLAND, Oregon — A. Walter Norblad Jr., 515 Commercial St., Astoria, Oregon, at $15,800 submitted low bid to the U. S. Engineer Office, Portland, March 19, under Bid No. 35-495 for removal of about 99,000 cu. yds. of sand and silt, and 23,600 cu. yds. of gravel and boulders in Multnomah Channel, a waterway connecting the Willamette River at a point about 9 miles below Portland, with the Columbia River, near the town of St. Helens, about 26 miles below Portland. Complete bids follow:

A. Walter Norblad Jr., Astoria, $15,800.

Tacoma Dredging Co., Tacoma, $15,938.

General Construction Co., Seattle, $18,580.

Puget Sound Bridge & Dredging Co., Seattle, $19,668.

Engineer's Estimate, $15,418.

Bids held under advisement.

BIDS OPENED

PORTLAND, Oregon — Saxton & Looney, 508 Broadway Bldg., Portland,, at $24,808.56 submitted low bid to the U. S. Engineer Office, Portland, March 19, under Bid No. 35-500 for dredging a channel about 4800 feet long, 160 feet wide and 3½ feet deep at low water, in the Willamette River at Jackson Bend Bar, about 64 miles above its mouth at the Columbia River, Oregon. The work involves dredging and disposing of approximately 147,670 cu. yds. of material.

Complete bids follow:

Saxton & Looney, Portland, $24,808.56

Portland Dredging Co., Portland, $25,842.25.

Pacific Building Materials Co., Portland, $26,137.59.

Tacoma Dredging Co., Inc., Tacoma, $32,487.40.

Puget Sound Bridge & Dredging Co., Seattle, $35,440.80.

Pacific Bridge Co., Portland, $41,347.60.

Parker-Schram Co., Portland, $42,85.95.

Kern & Kibbe, Portland, $42,085.95.

Engineer's Estimate, $39,058.72.

Bids held under advisement.

BOND ELECTION

THE DALLES, Oregon—April 30 has been set as the date for an election to vote $200,000 in bonds to finance construction of two water terminals on Columbia River. PWA funds in the amount of $78,000 will be sought. The first of the terminals will be for river boats, to be converted later for deep-sea vessels. The second terminal will not be started until U. S. Engineers agree to dredge Columbia River between Vancouver and Bonneville Dam.

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Duncanson, Harrelson Co., 1405 de Young Bldg., San Francisco, awarded contract by the Oakland Board of Port Commissioners, March 25, for driving piles for bulkhead wall, North Industrial Area, Outer Harbor Terminal, Oakland.

Bids were taken as follows:

(1) Price per pile for driving 338 untreated timber bearing piles, under 36-ft. in length;

(2) Same as Item (1), except 36-ft. to 40-ft. in length.

(3) Same as Item (1), except 41-ft. to 45-ft. in length.

(4) Same as Item (1), except over 46-ft. in length.

(5) Price per pile for driving 85 untreated timber bracing piles.

(6) Price per pile for driving 4 test piles.

The bidders were:

(A) Duncanson, Harrelson Co., San Francisco.

(B) Healy-Tibbitts Constr. Co., San Francisco.

(C) A. W. Kitchen & Co., San Francisco.

(D) M. B. McGowan, Inc., San Francisco.

(E) Ben C. Gerwick, Inc., San Francisco.

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 6.75	$ 9.00	$ 9.50	$ 11.00	$ 14.00
(2)....	6.75	9.00	9.50	11.00	14.00
(3)....	6.75	9.00	9.50	15.00	15.00
(4)....	7.50	9.00	9.50	20.00	16.00
(5)....	11.50	13.00	17.50	20.00	20.00
(6)....	40.50	67.00	50.00	200.00	100.00

CONTRACT AWARDED.

SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Front Street, San Diego, at $7,657 awarded contract by the Public Works Officer, Naval Operating Base, San Diego, under Spec. No. 7896, for constructing fender piles and chocks for station pier at the Naval Operating Base (Air Station) San Diego.

CONTRACT AWARDED.

SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Front St., San Diego, at $5,685 awarded contract by the

RIVERSIDE COUNTY—SAN JACINTO RIVER BRIDGE—(STATE)

RIVERSIDE COUNTY, Cal.—Carlo Bongiovanni, 2561 Canyon Drive, Hollywood, at $17,036.08, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, and awarded contract by the State Highway Commission, Sacramento, for the construction of a bridge across San Jacinto River, about 1¾ miles east of Elsinore, Riverside County, consisting of nineteen 44-ft. concrete slab spans on creosoted pile bents. The work involves:

(1) 1050 c.y. rdwy. excav., unclass.;
(2) 60 c.y. structure excavation;
(3) 16 tons fuel oil;
(4) 80 tons crushed gravel or stone;
(5) 4 tons cutback asphalt;
(6) 1 only existing bridge to be removed and disposed of;
(7) 3150 l.f. furnish creosoted Douglas fir piles, including test piles;
(8) 104 each driving do;
(9) 390 c.y. Class A Portland cement concrete;
(10) 77,400 lbs. bar reinf. steel;
(11) 5 M. ft. b.m. creosoted Douglas fir timber;
(12) 586 l.f. timber railing;
(13) 1 lot misc. items of work.

The bidders were:

(A) Carlo Bongiovanni, Hollywood.
(B) Byerts & Dunn, Los Angeles.
(C) Dimmitt & Taylor, Los Angeles.
(D) V. R. Dennis Constr., San Diego.
(E) Oscar Oberg, Los Angeles.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	Total
(A).....	$.60	$1.00	$32.50	$4.40	$50.00	$600.00	$.54	$18.00	$16.50	$.045	$110.00	$.85	$134.98	$17,036.08
(B).....	.60	2.50	17.00	2.00	30.00	800.00	.60	16.00	17.00	.05	80.00	.80	800.00	17,854.80
(C).....	.30	1.50	19.00	6.50	20.00	650.00	.50	22.00	21.00	.045	100.00	1.30	200.00	18,956.80
(D).....	.50	.50	20.00	5.00	24.00	1000.00	.55	21.50	20.00	.05	80.00	1.00	1000.00	19,995.60
(E).....	.70	1.00	12.30	5.50	25.00	2235.00	.50	22.00	21.90	.053	93.40	1.15	352.00	21,765.90

Public Works Officer, Naval Operating Base, San Diego, under Spec. No. 7877, for repairs to the fender system Station Pier at the Naval Operating Base (Fuel Depot) San Diego.

23—IRRIGATION PROJ.

CONTRACT AWARDED.

FAIRFIELD, Mont.—T. G. Rowland Co., 1558 Yale Ave., Salt Lake City, at $50,420 awarded contract by the U. S. Bureau of Reclamation Fairfield, Montana, under Spec. No. 611, for the construction of earthwork and structures for the open drains, Greenfields Division, Sun River Project, near Fairfield.

24— STREET LIGHTING SYSTEMS

NEW BIDS ASKED

SAN MATEO, Cal.—Until April 1, 8 P. M., new bids will be received by E. W. Foster, City Clerk, San Mateo, for furnishing and installing a lighting system at the Baseball Park, San Mateo.

All bids received March 25, were rejected. The bids were:

San Mateo County Electric Co., San Mateo $316
L. N. Znat, San Mateo 375
Atlas Elec. Co., San Mateo 395

Plans and specifications may be obtained from above office.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

LOS ANGELES, Cal.—Smith Booth Usher Co., was awarded a contract March 21 by the Los Angeles City Water & Power Commission for furnishing air compressors at $5134 for No. 1 and $4988 for No. 2 and at $1671 for furnishing a Buffalo forge under Specification No. 1607.

CONTRACT AWARDED

LOS ANGELES, Cal.—Ottumwa Iron Works was awarded a contract by the Los Angeles Water & Power Commission March 12 at $25,166 for furnishing electric mine hoists under Specification No. 1637.

BIDS OPENED.

SAN CARLOS, Ariz.—Bids for furnishing switchboard, control equipment and accesories complete for control of two generators and exciters, two feeders and 28 station service feeders, for a standby electrical generating system for the San Carlos project, San Carlos, Ariz., Bid No. 0149 were opened by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, March 26. The bids were:

Roller-Smith Co., $8469.00, fob cars, Coolidge, Ariz. Shipping point, Bethlehem, Pa., freight allowance $5.35 per cwt. Deliveries: Drawings 7 days; materials 49 days. Total shipping wt. 10,000 lbs.

Ideal Electric Mfg. Co.: $9219 fob cars at Mansfield, Ohio. Deliveries: Drawings 21 days; materials at shipping point 70 days; total shipping wt. 7500 lbs.

Leonard Electric Mfg. Co.: $9500 fob cars at Cleveland, Ohio. Deliveries: Drawings 21 days, materials 35 days delivered at Coolidge. Total shipping weight 12,000 lbs.

Allis-Chalmers Mfg. Co.: $11,290, fob Milwaukee, Wis., or $11,773 fob cars at Coolidge. Deliveries: Drawings 21 days, materials, delivered to shipping point in 35 days, at destination in 45 days. Total shipping weight, 13,000 lbs.

General Electric Co.: $11,773, fob cars at Philadelphia, Pa., with full freight allowed. Deliveries: Drawings 21 days, materials 35 days at Philadelphia. Total shipping weight, 11,415 lbs.

Square D Co., Inc.: $12,000 fob cars at Los Angeles or $12,100, fob Coolidge. Deliveries: Drawings 20 days, materials in Los Angeles 80 days, materials at destination 85 days. Total shipping weight 11,000 lbs.

Westinghouse Elec. Mfg. Co.: $11,773, fob cars at East Pittsburgh, Pa., or at Coolidge. Commercial freight rate deduction allowed if shipped under govt. bill of lading. Deliveries: Drawings in 20 days, material at destination 85 days. Total shipping wt. 11,500 lbs. Add $2092 net exciter rheostatic regulators.

Graybar Electric Co.: (No check or bond): $12,000 fob cars, Los Angeles, or $12,100 fob cars at Coolidge. Deliveries: Drawings in 20 days, materials at Los Angeles in 80 days, at destination in 85 days. Total shipping weight 11,000 lbs.

CONTRACTS AWARDED.

BOULDER DAM, Nevada.—Midwest Steel & Iron Works, fob Boulder City, at $23,583.87 awarded contract for furnishing control cable supports, and Bethlehem Steel Co., fob Boulder City at $460.60 awarded contract for control tunnel car by the Bureau of Reclamation, Denver, Colo., under Spec. No. 609.

BIDS OPENED.

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, Colo., March 25, under Spec. No. 668-D for furnishing and delivering fob cars at the factory shipping point or at Boulder City, two 120-cell and one 60-cell storage batteries, for installation in the Boulder Power Plant, Boulder Canyon Project:

Electric Storage Battery Co., Denver Colo., fob Philadelphia, Pa., $8,550.57.

USL Battery Corp., Niagara Falls, N. Y., fob Niagara Falls. $8,400; 2%.

Gould Storage Battery Corp., Depew, N. Y., fob Depew. $7,251; 1%.

Bids held under advisement.

BIDS OPENED.

JUNTURA, Ore.—Following bids received by the Bureau of Reclamation, Denver, Colo., March 20, under Spec. No. 616, for furnishing and delivering fob cars at the factory shipping point or at Juntura, Ore., radial gates, hoists, etc., for installation in the spillway and outlet works of the Agency Valley Dam, Vale Project, Ore.

Bids were taken as follows:

(1) 3 18x17-ft. radial gates;
(2) 3 motor-driven, double-drum, radial gate hoists;
(3) 2 3-ft 3-in. x 3-ft. 3-in. high pressure gates;
(4) 2 42-in. dia. welded plate steel outlet pipes.

Complete bids follow:

Silver Roberts Iron Works, Inc., Denver, Colo.: Item 1, $4,125; Item 2, $2,800; Item 3, $7,000; Item 4, no bid.

Thompson Mfg. Co., Denver, Colo.: Discount, ¼; (4) $4,464.00.

Kansas City Structural Steel Co., Denver, Colo.: (1) $3,597.00.

Pittsburg-Des Moines Steel Co., Des Moines, Iowa: Disc. ½; (1) $2,793.00. Wis.: (1) $3,379.00.

Omaha Steel Works, Omaha, Neb.: Disc. ½; (1) $3,483; (2) $2,694.

Lakeside Bridge & Steel Co., Milwaukee, Wis.: (1) $3,426; (2) $4,125; (3) $12,700; (4) $3,821. Combination bids (1, 2, 4, $10,972;) (1, 2, 3, 4, $23,672.00.)

Beall Pipe & Tank Corp., Portland, Ore.: Disc. 2; (4) $4,444.00.

Joshua Hendy Iron Works, San Francisco: (3) $7,239.

Thomas Spacing Mach. Co., Pittsburg, Pa.: Dic. ¼; (2) $3,312; (3) $7,340.44. Combination bids (2 and 3, $10,600.)

International Engr., Inc., Dayton, Ohio: Disc. 1; (3) $6,450.

Shaw Box Crane & Hoist Co., Inc., Muskegon, Mich.: (2) $3,699.00.

Commercial Iron Works, Portland, Ore.: (1) $3,360; (2) $2,830; (4) $9,937; (4) $4,445. Combination bids (1, 2, 3, $15,321; (1 and 2 $5,990.)

Consolidated Steel Corp., Ltd., Los Angeles: (1) $4,190; (2) $3,909; (3) $7,249; (4) $3,845.

John W. Beam, Denver: Disc. ½; (1) $3,500; (2) $3,200; (3) $12,750; (4) $4,125. Combination bids (2 and 3, $15,900; (1 and 4, $7,600.)

M. H. Treadwell Co., Inc., New York N. Y.: (2) $4,552; (3) $10,226.

Independent Bridge Co., Pittsburg: (1) $4,770.00.

Long Beach Iron Works, Long Beach Cal.: (2) $2,930; (3) $7,925. Combination bid (2 and 3 ,$10,700.)

Steacy Schmidt Mfg. Co., York, Pa.: (3) $7,710.

McClintic-Marshall Corp., Bethlehem Pa.: (1) $3,560; (4) $4,326.

Virginia Bridge & Iron Co., Roanoke Va.: (1) $3,070.

Judson-Pacific Co., San Francisco: (1) $4,342; (2) $3,140.

The Bartlett Hawyard Co., Baltimore, Md.: (1) $3,200; (2) $3,240; (3) $7,900; (4) $5,900.

Ottumwa Iron Works, Ottumwa, Ia.: Disc. ½; (3) $7,000.

The Steel Tank & Pipe Co. of California, Berkeley: (1) $4,567; (4) $4,465.

BIDS REJECTED.

FORT MASON, San Francisco.—All bids received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. QM 671-161-35, Memo 5974, for furnishing two centrifugal pumps for shipment to the Department Quartermaster, Philippine Department, Manila, have been rejected.

CONTRACT AWARDED

MARE ISLAND, Cal.—Orton Crane & Shovel Co., 608 S. Dearborn St., Chicago, at $35,680 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7857, for furnishing two 20-ton locomotive cranes for Mare Island Navy Yard.

BIDS OPENED

SAN FRANCISCO—Following bids received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Bldg., San Francisco, for furnishing:

(1) 3 23-ton trailers, on pneumatic tires;
(2) 4 12-ton trailers, on pneumatic tires.

Rogers Bros. Corp., f.o.b. Albion, Pa.: (1) $2435 each; (2) $1655 each.

Norris K. Davis, f.o.b. Tiffin, Ohio: (1) $2532.40 each; (2) $1553.60 each; 2% 10 days.

Kratz & McClelland, Inc., f.o.b. La Crosse, Wisconsin: (1) $1826 each; (2) $124 each; 2% 10 days.

Bids held under advisement.

CONTRACT AWARDED

GRAND COULEE DAM, Washington—Lakeside Bridge Steel Co., 403 Villard St., Milwaukee, Wis., at $24,358 awarded contract by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 664-D, for furnishing and delivering one 75-ton gantry crane with one 15-ton auxiliary hoist for the storage yard at Grand Coulee Dam, Columbia Basin Project, Wash.

BIDS OPENED

TONOPAH, Nevada—Following bids received by the Nye County Commissioners, Tonopah, for furnishing one hydraulic power control dual drive motor grader, equipped with two 36x 6 front and eight 38x7 rear tires, with puncture-proof tubes, wide front

axle and leaning front wheels, starting and lighting equipment with 9-tooth scarifier.

J. D. Adams Co., San Francisco, $4605.

Austin Western Road Machinery Co., Reno, $4911.25.

Jenison Machinery Co., San Francisco, $4513, including additional parts $4958.

Collier Tractor & Equipment Co., Reno, $4776.50.

Brown-Bevis Equipment Co., Los Angeles, $4002 without additional parts

Bids held under advisement.

BIDS OPENED.

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., March 20 under Spec. No. 666-D for furnishing and delivering fob cars at the factory shipping point or at Boulder City, one electric water heater with tank and motor-driven circulating pump; two 30-gal. and one 120-gal. electric storage water heaters; seven electric water coolers (3 gal. per hour capacity) and four electric water coolers (6.5 gal. per hour capacity) for installation in the Boulder Power Plant, Boulder Canyon Project:

Westinghouse Electric & Mfg. Co., Denver: see notes: (1) no bid; (2) $100 (3) $90; (4) $1,085; (5) $719.

Grinnell Co. of the Pacific, Los Angeles, fob Boulder City: (1) $660; (2) $107; (3) $113.50; (4) $924; (5) $944; combination bids: (1, 2 and 3) $880.50 (4 and 5) $1,868; discount 1%.

Day & Night Water Heater Co., Los Angeles, fob Los Angeles; (1) no bid; (2) no bid; (3) no bid; (4) $735; (5) $460.

Edison General Electric Appliance Co., Chicago, fob Chicago: (1) no bid; (2) $99; (3) and (4) no bid; (5) no bid, 2%.

Listenwalter & Gough, Inc., Los Angeles, see notes: (1) no bid; (2) $183.50 (3) $106.75; (4) $796.95; (5) $455.40.

General Electric Supply Corp., Salt Lake City, fob Boulder City; (1) no bid; (2) and (3) no bid; (4) $1,231.78, (4-alt.) $1,060.28; (5) $705.37.

NOTES: Westinghouse Elec. & Mfg. Co., Items 2 and 3 fob Mansfield, Ohio; Items 4 and 5, Springfield, Mass.

Listenwalter & Gough, Inc., Items 2 and 3, Los Angeles; Items 4 and 5, Detroit, Mich.

Bids held under advisement.

BIDS OPENED

GRAND COULEE DAM—Following bids received by the Bureau of Reclamation, Denver, Colorado, March 21, under Spec. No. 667-D, for furnishing and delivering f.o.b. cars at the factory shipping point or at Almira, Washington, thirty-five 30-gal. and one 120-gal. electric storage water heaters and thirty 3000 watt, side-arm, circulating-type, electric water heaters for the residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project:

Sunset Elec. Co., Seattle, Wash., f.o.b. Milwaukee, Wis: (1) $1724.45; (2) $618.

Automatic Electric Heater Co., Philadelphia; f.o.b. Pettstown, Pa.: (1) no bid; (2) $1070; discount 1%.

Listenwalter & Gough, Inc., Los Angeles; f.o.b. Los Angeles: (1) $1,819.73; (2) no bid.

Midget Heater & Specialty Co., Tacoma, Wash.; f.o.b. Tacoma; (1) no bid; (2) $810; 2%.

Wesix, Inc., San Francisco; f.o.b. Seattle: (1) $1573.85; (2) $433.50; combination, $1999; 2%.

Edison General Elec. Appliance Co., Chicago; f.o.b. Chicago: (1) no bid; (2) $468.40; 2%.

Hoffman Gas & Electric Heater Co. Louisville, Ky.: Incomplete bid.

Cleveland Heater Co., Cleveland, Ohio; f.o.b. Almira, Wash.: (1) $1,337.85; (2) no bid; 2%.

Bids held under advisement.

BIDS OPENED

SAN CARLOS, Arizona—Bids for furnishing transformers for the San Carlos Federal Project No. 261, Arizona, under Bid No. 6146, were opened by the U. S. Indian Irrigation Service, Los Angeles, March 25. Bids were taken as follows:

(1) 833 kva single phase transformers, 60 cycles, 2300 volts, complete with oil, etc.;
(2) Spare bushings;
(3) Impulse test;
(4) Impulse test

The bids were:

Allis-Chalmers Co.—(1) $10,320 f.o.b cars Coolidge shipping weight, each, 10,500 lbs.; (2) $252, shipping weight 300 lbs.; (3) $165; (4) $165, each additional impulse test. Delivery, 18 days, Pittsburgh, Pa. Total loss at rated output, 9000 watts.

American Transformer Co.—F.o.b. cars Newark, N. J., $9275.80; f.o.b. Coolidge, $10,256.68. Delivery at Coolidge 45 days. Shipping weight, 13,400 lbs. (2) $251.30; shipping weight 650 lbs. (3) and (4) $165. Test for each additional winding, $110. Total loss, 9100 watts.

General Electric Co. — (1) f.o.b. Coolidge, $10,320. Delivered 35 days. Shipping weight, 9000 lbs. Freight allowance, $2.30 cwt. (2) $252; weight, 375 lbs. (3) $165. (4) $165. Total loss, 9110 watts.

Kuhlman Electric Co.—No bid bond enclosed. (1) $9281.80 f.o.b. Bay City, Mich.; f.o.b. Coolidge, $9842.36. Delivered at Coolidge 45 days. Shipping weight, 14,300 lbs. (2) $126; 330 lbs. (3) $150. (4) $100. Carload freight rate, $1.54 cwt., Bay City to Coolidge. Total loss, 8720 watts.

Maloney Electric Co.—(1) $9764, St. Louis Mo.; $10,478.72, Coolidge. Weight 11,700 lbs. Delivery, 45 calendar days. (2) $252; 300 lbs. (3) $165. (4) $110. Total loss, 9113 watts.

Pennsylvania Transformer Co.,—(1) $6944 at Pittsburgh, Pa.; $10,268, Coolidge. Freight rate deduction, $2.35 cwt. Weight, 1500 lbs. Delivery at Pittsburgh 35 days. (2) $252; 400 lbs. (3) $165. (4) $110. Total loss, 8200 watts.

Standard Transformer Co.—(1) $2342 each, f.o.b. Warren, Ohio; $2454 each. Coolidge. Delivery at Warren 35 days. Weight, 11,000 lbs.(2) $115; 200 lbs. (3) $150. (4) $100. Total loss, 9075 watts.

Wagner Electric Corp.—(1) $2591 each, St Louis, delivery 28 days; $2591, Coolidge. Weight, 12,800 lbs. (2) $100; 200 lbs. (3) $165. (4) $110. Total loss, 9115 watts.

Westinghouse Electric & Mfg. Co. —(1) $10,320, Sharon, Pa. Delivery, 35 days. Freight allowed to Coolidge. Deduct $1.78 cwt. freight allowance if shipped on government bill of lading. Weight, 10,600 lbs. (2) $252; 500 lbs. (3) $165. (4) $165. Total loss, 9105 watts.

30—RESERVOIRS & DAMS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing one 20,000 gallon capacity steel tank under Bid No. D.F.M. 929, were opened by the U. S. Forest Service, 751 S. Figueroa St., Los Angeles, March 20. The bids were:

National Tank Mfg. Co., $925.

Southwest Welding & Mfg. Co., $1085

J. F. Holbrook Co. (bidder's own specifications), $480.

American Pipe & Steel Co., $814.

Lacy Mfg. Co., $829.

Western Pipe & Steel Co., $702.

Consolidated Steel Corp., $609.

Bids held under advisement.

BIDS WANTED

FORT PECK, Montana—Until April 3, 11 A. M., as previously reported, bids will be received by the U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, Mo., Captain Theodore Wyman Jr., Assistant Division Engineer, for furnishing all labor and materials and performing all work for constructing spillway gate structure, cut-off structure and appurtenant works for the Fort Peck Dam, Federal Project No. 5 2-30/70.

The work involves

(1) 516,000 cu. yds. open-cut excavation;
(2) 29,000 cu. yds. trench excavation, 0-10-ft. deep;
(3) 30,500 cu. yds. trench excavation, over 10-ft. to 30-ft. deep;
(4) 25,000 cu. yds. trench excavation, over 30-ft to 50-ft. deep,
(5) 18,000 cu. yds. trench excavation, over 50-ft to 75-ft. deep;
(6) 14,000 cu. yds. trench excavation over 75-ft. to 100-ft. deep;
(7) 9000 cu. yds. trench excavation, over 100-ft. to 125-ft. deep;
(8) 1200 cu. yds. trench excavation, over 125-ft. to 150-ft. deep;
(9) 200 cu. yds. trench excavation, over 150-ft. deep;
(10) 600 cu. yds. excavation for buildings;
(11) 7700 ft. excavation for foundation piles with rotary drill, 5-ft. dia. hole, 0-30-ft.;
(12) 3000 ft. do, 6-ft. dia. hole 0-40-ft.
(13) 3000 ft. do. 6-ft. dia. hole, over 40-f.t to 70-ft. inclusive;
(14) Enlarging 5000 cu. yds. drill holes for foundation piles;
(15) 16,000 squares (100 sq. ft. square) application of liquid sealing solution (3 coats);
(16) 700 squares (100 ft.) application of bituminous spray water proofing solution (1 coat);
(17) 1000 ft. 18-in. vitrified clay pipe drains;
(18) 4200 ft. 12-in. do;
(19) 1000 ft. 8-in. do;
(20) 2900 ft. 6-in. do;
(21) 40,000 cu. yds. backfill;
(22) 20,000 cu. yds. backfill;
(23) 5000 cu. yds. riprap paving;
(24) 231,000 lbs. steel sealing strips;
(25) 3500 square ft. joint filler;
(26) 30,000 ft. caulking joints;
(27) 84,720 cu. yds. concrete for slabs;
(28) 53,000 cu. yds. concrete for piers and training walls;
(29) 22,400 cu. yds. concrete for gate structure abutment walls;
(30) 13,640 cu. yds. concrete for foundation piles;
(31) 8600 cu. yds. concrete for approach channel side walls;
(32) 4220 cu. yds. concrete for highway bridge;
(33) 8540 cu. yds. concrete for parapet walls;
(34) 89,600 cu. yds. concrete for cut-off structures;
(35) 800 cu. yds. concrete for counterweights;
(37) 1000 squares (100 sq. ft.) gunite coating;
(38) 5000 ft. drilling grout holes;
(39) 5000 lbs. grout pipes and connections;
(40) 100,000 cu. ft. grouting;
(41) 2,120,000 lbs. structural steel vertical lift gates;
(42) 242,000 lbs. steel stop logs and lifting beams;
(43) Furnishing, placing, and removing 1,000,000 lbs. structural steel bracing (steel to become the property of the U. S.);
(44) Furnishing and placing 2,500,000 lbs. structural steel bracing, to remain in place;
(45) 16,500 lbs. structural steel ladders;
(46) 1,556,000 lbs. structural steel for service bridges;
(47) 17,000 lbs. bronze bearing plates for service bridges and highway bridges;

(48) 140,000 lbs. steel rail for service bridges;
(49) 1,200,000 lbs. miscellaneous struc. steel;
(50) 38,000 lbs. miscellaneous steel pipe;
(51) 34,000 lbs. pipe hand rails;
(52) 22,200,000 lbs. steel reinforcement bars;
(53) 10,000 lbs. steel reinf. fabric;
(64) 104,000 pounds corrosion-resisting steel;
(55) 12,000 lbs. steel bolts, screws and washers;
(56) 540,000 lbs. steel castings;
(57) 3000 lbs. cast nickel steel;
(58) 500 lbs. forged steel;
(59) 25,000 lbs. sheet metal;
(60) 60,000 lbs. iron castings;
(61) 5000 lbs. hardware;
(62) 130,000 lbs. steel floor grating;
(63) 500 lbs. brass;
(64) 400 lbs. phosphor bronze;
(65) 60,000 lbs. babbitt metal;
(66) 352 roller bearing mounted wheels for vertical lift gates;
(67) 40 roller bearing mounted wheels for stop logs;
(68) 50 ft. 18-in. C.M.P;
(69) 60 ft. 24-in. C.M.P.;
(70) 150 ft. 36-in. C.M.P.;
(71) 80 ft. 48-in. C.M.P.;
(72) 380 ft. 60-in. C.M.P.;
(73) 12 MFBM sealing timber for stop logs;
(74) Furnish, place, and remove 100 MFBM timber and bracing (timber to become the property of the U. S.);
(75) Furnish and place 200 MFBM timber sheeting and bracing, to remain in place;
(76) 2000 ft. ½-in. electrical conduit and fittings;
(77) 2000 ft. ¾-in. do;
(78) 1200 ft. 1-in. do;
(79) 2500 ft. 1¼-in. do;
(80) 10,000 ft. 1½-in. do;
(81) 1000 ft. 2-in. do;
(82) 1000 ft. 3-in. do;
(83) 1000 ft. 3-in. do;
(84) 1000 ft. 4-in. do;
(85) 1000 ft. 5-in. do;
(86) Furnish and install 900 conduit boxes;
(87) Heating system for gate seals and rillers for16 vertical lift gates;
(88) 1300 cu. yds. concrete for buildings;
(89) 136,760 lbs. reinf. steel bars for buildings;
(90) 3650 lbs. wire fabric for buildings
(91) Lump sum, operators' quarters and machine shop building;
(92) Stop log and storage building control tower, complete except for excavation, concrete and reinforcing steel;
(93) Relaying 2500 ft. standard gauge railroad track;
(94) 5000 ft. standard gauge railroad track;
(95) 540 ft. standard gauge railroad turnouts;
(96) 1000 ft. standard and wide gauge railroad track;
(97) 170 ft. combination standard and wide gauge turnouts;
(98) 9.5 MFBM flooring timber for railroads;
(99) 15,500 sq. yds. 12-in. placing and preparing gravel base for pavement;
(100) 19,000 sq. yds. 8-in do;
(101) 2,000 sq. yds. 3-in. do;
(102) 27,000 gals. bitumen "A" in gravel base course;
(103) 3000 tons 2-in. bituminous concrete base;
(104) 1500 tins 1-in. bituminous concrete top course.

Bids for the whole project only will be considered. Five per cent bid security, 25% performance bond required.

Plans may be secured from the above office upon receipt of certified check or money order, for $200, made payable to the Disbursing Officer.

Following have procured plans:

A. S. Schulman Electric Co., 537 S. Dearborn St., Chicago.

American Bridge Co., 208 S. La Salle St., Chicago.

Bates & Rogers Constr. Co., 111 W. Washington St., Chicago.

Illinois Steel Co., 208 La Salle St., Chicago.

John Marsh, Inc., 1307 Wrightwood Ave., Chicago.

McClintic - Marshall Corp., 1500 Wrigley Bldg., Chicago.

R. C. McMahon Co., 231 La Salle St., Chicago.

American Bridge Co., Frick Bldg., Pittsburgh.

BlaW-Knox Co., 2042 Farmers Bank Bldg., Pittsburgh.

Dravo Contracting Co., Dravo Bldg., Pittsburgh.

American Surety Co., 100 Broadway New York City.

Carroll-McCreary Co., Inc., 21 Borden Ave., Long Island City.

Foundation Co., 120 Liberty St., New York City.

Fraser-Brace Engineering Co., Inc., 10 E. 40th St., New York City.

George A. Fuller Co., 57th and Madison Sts., New York City.

A. C. Everham, 114 W. 10th St., Kansas City, Mo.

Cook O'Brien Construction Co., 430 Railway Exchange Building, Kansas City, Mo.

Great Northern Railway Co., 544 Railway Exchange Building, Kansas City, Mo.

Kansas City Bridge Co., 215 Pershing Road, Kansas City, Mo.

Morrison - Glasscock - Connor Co., City Bank Bldg., Kansas City, Mo.

Massman Construction Co., 737 New York Life Bldg., Kansas City, Mo.

Union Bridge Co., EMA Bldg., Kansas City, Mo.

W. A. Ross Constr. Co., 908 W. 25th St., Kansas City, Mo.

S. Birch & Sons Constr. Co., Fargo, North Dakota.

Utah Constr. Co., 1 Montgomery St., San Francisco.

Tomlinson - Arkwright Constr. Co., Great Falls, Mont.

The Bartlett Hayward Co., Baltimore, Md.

Treadwell Constr. Co., Midland, Pa.

Virginia Bridge & Iron Co., Roanoke, Va.

Woods Bros. Constr. Co., 132 S. 13th St., Lincoln, Neb.

W. A. Bechtel Co., 155 Sansome St., San Francisco.

W. S. Hardwick Constr. Co., Memphis, Tenn.

Worden-Allen Co., P. O. Box 2057, Milwaukee, Wis.

Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa.

Addison Miller Inc., 1111 Builders Exchange Bldg., St. Paul, Minn.

Condon, Cunningham Cole Co., 705 Locust Street, Carter Lake, Omaha, Neb.

Fidelity & Deposit Co., Baltimore, Md.

Frazier-Davis Constr. Co., 1319 Macklind Ave., St. Louis, Mo.

G. L. Carlton, Ambassador Bldg., St. Louis, Mo.

Guy F. Atkinson, Russ Bldg., San Francisco.

J. F. Shea Co., Henry Bldg., Portland.

Mt. Vernon Bridge Co., Mt. Vernon, Ohio.

Mark C. Walker & Son, 1st Nat'l. Bank Bldg., Omaha, Neb.

Morrison-Knudsen Co., Old National Bank Bldg., Spokane, Wash.

Missouri Valley Bridge & Iron Co., Leavenworth, Kansas.

Minneapolis Builders Exchange, 609 2nd Ave., Minneapolis, Minn.

McCarthy Improvement Co., 601 Kahl Bldg., Davenport, Iowa.

Morrison & Daugherty, 514 Globe Bldg., St. Paul, Minn.

Merritt, Chapman & Whitney, Duluth, Minn.

McClintic - Marshall Corp., Bethlehem, Pa.

Northern States Contracting Co., St. Paul, Minn.

Spencer, White & Prentis, Inc., Trempealeau, Wis.

S. S. Magoffin Co., Inc., Adrian, Oregon.

S. J. Groves & Sons Co., 510 Wesley Temple Bldg., Minneapolis, Minn.

Six Companies, Boulder City, Nev.

Surety Association of Northern California, 333 Pine St., San Francisco.

Stevens Bros., 610 Endicott Bldg., St. Paul, Minn.

Silas Mason Co. & Walsh Constr. Co., Fort Peck, Mont.

31 — PIPE LINES & WELLS

BIDS WANTED.

SAN FRANCISCO.—Until April 4, 3 P. M., bids will be received by the Public Utilities Commission, City Hall under S. F. W. D. Spec. No. 75, for relocation of the pipe line at Ocean View Gulch.

The work to be performed covers the removal of 1,266 l.f. of 36-in. diameter steel pipe from the Newark-San Lorenzo pipe line, located in Alameda County, transportation of said pipe to San Francisco, the repair to the coating, lining and wrapping to the said pipe, and the installation of approximately 1,218 l.f. of said pipe in San Francisco.

The work involves:

(1) removal and delivery of 36-in. pipe from Newark - San Lorenzo pipe line to San Francisco, 1,266 l.f.;
(2) repairing holes in 36-in. diameter pipe, 3 holes;
(3) fabrication of bends from 36-inch diameter steel pipe, 16 roundabout seams;
(4) fabrication of 36- and 30-in. reducers with nipples, 2 reducers;
(5) excavation of bell holes and backfill, 1218 l.f. of trench;
(6) installation of 36-in. diameter steel pipe, 1218 l.f. of pipe;
(7) installation of fittings, 500 lbs.;
(8) connections by San Francisco Water Dept., lump sum.

N. A. Eckart, general manager and chief engineer.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.00.

BIDS WANTED.

SUNNYVALE, Santa Clara Co., Cal.—Until April 10, 11 A. M., bids will be received by the Public Works Officer, 12th Naval District, 100 Harrison St., San Francisco, under Spec. No. 7906, for repairs to Wells "A" and "B" at the Sunnyvale Naval Air Station, Mountain View.

The work includes removal of one motor-driven deep well pump, 8-inch water column, suction pipe and strainer at Well "A"; repairs to Well "B" casing by swedging; bailing out of sand at bottom of wells; development of Well "B"; obtaining samples of water at various water-bearing strata for making tests; plugging of well casings at undesirable strata; and the restoration of motor-driven deep well pumps, 8-in. water columns, suction pipes and strainers, complete, ready for operation of wells.

The wells are 1,000 feet gravel envelope type composed of two-ply "California" casings.

Specifications obtainable from the Bureau of Yards & Docks, Navy Department, Washington, D. C., or from the Public Works Officer, 12th Naval District, 100 Harrison St., San Francisco, upon deposit of $5.

CONTRACTS AWARDED

LOS ANGELES and Kern Counties, Cal.—Lang Transportation Co., 5501 Santa Fe Ave., Los Angeles, and Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, bidding jointly, were awarded the contract by the General Pipe Pine Corp., 108 W. 2nd St., Los Angeles, for clearing, trenching, laying and backfilling for the construction of a 10-inch seamless electrically-welded steel pipe line, 88 miles in length, between Lebec in Kern County and Torrance, in Los Angeles County.

H. C. Price, Inc., Bartlesville, Okla., was awarded the contract for welding.

Hauling and stringing of the pipe will be done by the owner. Work will start as soon as the pipe is delivered, probably by April 16.

PLANNED.

NILES, Alameda Co., Cal.—Water district plans construction of supply pipe line from old Spring Valley main on the Niles-Centerville road to reservoir near Niles. Project will require 2000 feet of 24-inch pipe.

CONTRACT AWARDED.

FALLON, Nevada—Layne & Bowler Pump Co., 900 Santa Fe Ave., Los Angeles, at $3,758.98 awarded contract for furnishing and installing a deep well turbine pump in the Rice Ranch well at Fallon.

CONTEMPLATED.

TURLOCK, Stanislaus Co., Calif.—City Engineer H. C. Hall has completed plans and specifications for construction of a pipe line in a portion of the open drain southwest of Turlock. Estimated cost, $5,000.

Application will be made for SERA labor.

AWARD RECOMMENDED.

SANTA CLARA COUNTY, Calif.—Campbell & Budlong Machine Works, 1849 Monterey Road, San Jose, at $6,530.86 submitted low bid and recommended for award of contract by the Santa Clara Valley Water Conservation District, Rm. 62, Grant Bldg. San Jose, for the construction of two pumping plants, Lester and Doetch replacements. Work includes furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pump houses. PWA Project No. 6051.

Complete bids follow:

Campbell & Budlong Machine Works San Jose, $6,530.86.

Adrian Mfg. Co., San Jose, $6,530.89.

John Bean Mfg. Co., San Jose, $6,961.69; alt., $7,871.32.

Pomona Pump Co., San Jose, $6,961.69.

Layne & Bowler Pump Co., San Jose $6,961.69; alt., $7,880.11.

Kimball-Krogh Pump Co., San Jose $6,691.69.

Byron Jackson Pump Service, San Jose, $6,961.69; alt., $7,175.60.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED.

SAN FRANCISCO.—Until April 3, 1:30 P. M., informal bids will be received by the Department of Public Works, S. J. Hester, Chief Deputy Director, Room 251, City Hall, under Spec. No. 18,853, for reconstruction of a sewer on Cortes Ave. between Magellan Ave. and Taraval St. Cost of the work is estimated at approximately $900.

(1) 1 manhole to be reconstructed;
(2) 250 l.f. vitrified clay pipe sewer in place.

ENGINEER APPOINTED

SAN MATEO, Cal.—City Council has retained Harry N. Jenks, Berkeley, as consulting engineer on the city's outfall sewer project, which is now awaiting approval by PWA. Estimated cost $140,000.

ENGINEERS RETAINED

EL CENTRO, Imperial Co., Cal.—consulting engineers to Phil W. Koebig & Koebig, engineers, 821 Rowan Bldg., Los Angeles, have been retained by the El Centro city council as Knights, city engineer, in connection with the construction of the new outfall sewer.

BIDS OPENED.

SEATTLE, Wash.—Queen City Construction Co., 603 8th S., Seattle, at $232,036 bidding on 42- and 48-in. concrete pipe, vertical cast, submitted the low bid to Seattle City Council March 21 for construction of the Laurelhurst Trunk Sewer.

Complete bids follow:

Queen City Const. Co., Seattle	$232,036
Thos. Scalzo, Seattle, vertical cast	235,977
Arcorace & Colneccio, Seattle, monolithic	260,664
University Plbg. & Htg. Co., 42-in. vertical cast, 42-in. monolithic tunnel & 48-in. vertical cast	268,211
L. Romano Engr. Co., centrifugal cast	268,984
Teufel & Carlson, Seattle, vertical cast	269,688
L. Colneccio, Seattle, centrifugal cast	269,878

Bids held under advisement.

PROJECT APPROVED

PIEDMONT, Alameda Co., Cal.—SERA has approved appropriation of $1854 for construction of 660 feet of 24-in. corrugated iron storm sewer from Parkway and Brecena to Artuna Street, Piedmont. Work will include trenching, laying pipe, and backfilling. The project will be supervised by C. H. Almy and will employ one timekeeper and 9 laborers.

PROJECT APPROVED

OAKLAND, Alameda Co., Cal.—SERA has approved appropriation of $729 to provide personnel to assist in the tabulation and map work of a sewer and drainage structure survey. The field work in connection therewith has been completed by regular City personnel. R. K. Ribal will supervise the project which will employ three draftsmen.

CONTRACT AWARDED

SAN FRANCISCO—W. C. Akard, 225 Cervantes Blvd., San Francisco, at $7466.20 awarded contract by the Department of Public Works, City Hall, for the construction of the Merced District Sanitary Relief Sewer.

33— WATER WORKS

PROJECT APPROVED

SACRAMENTO, Sacramento Co., Cal.—SERA has approved appropriation of $15,075 for the installation of new water mains in Sacramento. R. E. Middelstaedt will supervise the project which will employ 50 laborers.

CONTRACT AWARDED.

SAN FRANCISCO.—Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $38,584.80 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 57, for laying 12- and 16-inch cast iron feeder mains in the easterly section of San Francisco.

CONTRACT AWARDED.

SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $49,530.35 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 56, for laying 12- and 16-inch cast iron feeder mains in the southwest section of San Francisco.

CONTRACT AWARDED

SAN FRANCISCO—[illegible] Co., Inc., 1346 [illegible] awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 77, for [illegible] 8-inch cast iron mains in the area from Fulton Ave. to 7th Ave. and from 26th Ave. to 14th Ave. and [illegible] Fulton St. to El Camino.

CONTRACT AWARDED.

SAN FRANCISCO—[illegible] Const. Co., 708 Call Bldg., at $[illegible] awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 77 for [illegible] 8-inch cast iron mains in the area from Fulton Ave. to 7th Ave. and from Quintara St. to Wawona St.

BIDS WANTED.

EL MONTE, Los Angeles Co., Cal.—Until April 5, bids will be received by the Supervisor of Purchases, Subsistence Home Trade Division, Interior Department, Washington, D. C., for furnishing: 72,850 l.f. 1-in. galv. steel pipe; 920 l.f. ¾-in. do., 2,181 galv. malleable tees; 144 galv. bushings; 414 do. 204 galv. unions 88 do; 160 galv. steel nipples; 2,181 cast iron [illegible] and 285 cocks, for El Monte.

Specifications obtainable from above office.

BIDS WANTED

BONNEVILLE DAM, Oregon.—Until April 5, 10 A. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams, District Engineer, under Bid No. 698-35-535, for the excavation and backfill of electric cable trenches; the excavation and backfill for, and the construction of reinforced concrete walks, curbs, gutters, manholes, catchbasins, transformer vaults, handhole boxes and plain concrete bases for lamp standards; a storm drainage pipe system and a complete lawn sprinkling system at or near the Permanent Quarters Area, at Bonneville Dam, Oregon.

Bids will be taken as follows:

(1) 3800 c.y. excavation, Class 1;
(2) 200 c.y. do, Class 2;
(3) 1100 l.f. house walks, 3½ ft. wide;
(4) 180 each stepping stones, 2-ft. x 2-ft. 6-in. apart;
(5) 990 sq. ft. concrete walks, 10½-ft. wide;
(6) 1341 sq. ft. do, 14-ft. wide;
(7) 9280 l.f. combination curbs and gutters, type A;
(8) 620 l.f. island curbs, type B;
(9) 510 l.f. gutters, type C;
(10) 18 each street catchbasins, type D;
(11) 3 each catchbasins, type E;
(12) 3 each manholes, 6-ft. deep;
(13) 2 each, manholes, 16-ft. deep;
(14) 2 each transformer vaults, A and C;
(15) 2 each do, B and D.
(16) 3 each precast concrete handhole boxes;
(17) 1 each precast concrete telephone handhole boxes.
(18) 18 each lamp standard bases type A;
(19) 14 each do, type B;
(20) 40 l.f. 4-in. drainage pipe in place
(21) 850 l.f. 8-in. do;
(22) 440 l.f. 10-in. do;
(23) 230 l.f. 18-in. do;
(24) 1050 l.f. 24-in. do;
(25) 50 l.f. 30-in. do.
(26) 65 c.y. sand and gravel for trench and dry well backfill in place.
(27) 1300 l.f. 4-in. cast iron sprinkler system pipe mains in place.
(28) 1400 l.f. 6-in. do;
(29) 300 l.f. 8-in. do;
(30) 800 l.f. 8-in. cast iron temporary supply line pipe mains in place
(31) 800 l.f. 3-in. GI sprinkler system pipe mains in place;
(32) 975 l.f. 2½-in. do.
(33) 550 l.f. 2-in. do.

(34) 300 l.f. 1½-in. do;
(35) 125 l.f. 1¼-in. do;
(36) 80 l.f. 1-in. do;
(37) 850 l.f. 2½-in. GI sprinkler system pipe branches in place;
(38) 2250 l.f. 2-in. do;
(39) 2050 l.f. 1½-in. do;
(40) 3050 l.f. 1¼-in. do;
(41) 6050 l.f. 1-in. do;
(42) 1200 l.f. ¾-in. do;
(43) 2 each 8-in. cutoff valve at points A and D in place;
(44) 1 each 6-in. cutoff valve at point C in place (including connections to domestic system);
(45) 1 each 6-in. cutoff valve at point D in place;
(46) 11 units 2½-in. control valve and ½-in. drain valves;
(47) 12 units 2-in. do;
(48) 5 units 1½-in. do;
(49) 5 units 1¼-in. do;
(50) 1 unit 1-in. do;
(51) 81 each large circle heads 50-ft.-60-ft. spread pop-up type;
(52) 31 each large circle heads 80-ft.-90-ft. spread pop-up type;
(53) 422 l.f. lawn heads, 30-ft.-35-ft. spread, pop-up type;
(54) 16 each snap valves;
(55) 8 each portable rotating arm sprinklers 15-ft. spread;

Information obtainable at the U. S. Engineer Office, 341 Pittock Block, Portland, Ore.

BIDS WANTED

SAN FRANCISCO.—Until April 10, 2:30 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,841 for installing Section A of the Marino District Extension, Auxiliary Water Supply System for Fire Protection.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 46 l.f. 18-in. Class E bell and spigot, lugged;
(2) 876 l.f. 14-in. Class F bell and spigot, plain;
(3) 60 l.f. 14-in. Class F bell and spigot, lugged;
(4) 173 l.f. 14-in. Class E bell and spigot, plain;
(5) 36 l.f. 14-in. Class E bell and spigot, lugged;
(6) 5552 l.f. 12-in. Class H bell and spigot, plain;
(7) 312 l.f. 12-in. Class H bell and spigot, lugged;
(8) 7755 l.f. 12-in. Class G bell and spigot, plain;
(9) 936 l.f. 12-in. Class G bell and spigot, lugged;
(10) 3009 l.f. 12-in. Class F bell and spigot, plain;
(11) 348 l.f. 12-in. Class F bell and spigot, lugged;
(12) 175 l.f. 8-in. Class H bell and spigot, lugged;
(13) 201 l.f. 8-in. Class G bell and spigot, lugged;
(14) 150 l.f. 8-inch Class F bell and spigot, lugged;
(15) 30 l.f. 8-inch Class E bell and spigot, lugged;
(16) 34 10-in. gate valves, reconditioned (not in place);
(17) 1 16-in. gate valve, in place;
(18) 3 12-in. gate valves, in place;
(19) 40 10-in. gate valves, in place;
(20) 40 8-in. gate valves, in place;
(21) 40 standard hp. hydrants, in place

Note: Items 1 to 21, inclusive, Cast Iron Pipe, Valves, Hydrants and Special Castings, will be furnished by the city.

(22) 97,027 lbs. pig lead, furnished and delivered;
(23) 7353 lbs. cast steel special castings, furnished and delivered;
(24) 53,228 lbs. cast iron special castings, furnished and delivered;
(25) 36,948 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(26) 52,479 pounds wrought iron bolts, nuts and washers, furnished and placed;
(27) 1833 lbs. reinf. steel, furnished & placed;
(28) 50 c.y. Class B concrete in place;
(29) 10,050 c.y. excavation and backfill;
(30) 48,427 sq. ft. asphalt-conc. pavement (2x6-in.) Class F concrete;
(31) 640 sq. ft. concrete sidewalk (1 course);
(32) 25 c.y. crushed rock, furnished and placed;
(33) 60 tons bell and spigot pipe or double spigot pipe, without lugs, in Classes C to H inc. and in nominal diameters of 8- to 18-in. inclusive;
(34) 7 tons bell and spigot pipe or double spigot pipe, with bolting lugs, do.

Note: Items 22 to 34 inclusive; all materials, including pipe, shall be furnished by the contractor.

The work is financed in part by a PWA grant and will be subject to PWA regulations.

Specifications obtainable from City Engineer John J. Casey, Rm. 351, City Hall, upon deposit of $10.

BONDS APPROVED.

CALIENTE, Nev.—Bill authorizing City of Caliente to issue $15,000 in bonds for water main extensions has been passed by the state legislature and signed by the governor.

CONTRACT AWARDED.

UKIAH, Mendocino Co., Cal.—California Culvert Co., Fifth and Parker, Berkeley, at $1,978 submitted low bid and awarded contract by the Ukiah City Council, Fred L. Bosworth, City Manager, for furnishing 2300 ft. of 10-inch steel water pipe.

Complete bids follow:

California Corrugated Culvert Co., Berkeley	$1,978.00
Richmond Sanitary Co., S. F.	2,136.01
Grinnell Co. of the Pacific, San Francisco	2,147.00
P. E. O'Hair Co., S. F.	2,180.63
Walworth-California Co., S. F.	2,227.09
Pacific Pipe Co., S. F.	2,520.11

Alternate bids for furnishing 2400 ft. of 10-in. cast iron pipe were received as follows:

U. S. Pipe & Foundry Co., San Francisco	$3,120.00
Grinnell Co. of the Pacific, San Francisco	3,398.40

ELECTION.

MONTEREY COUNTY, Calif.—The County Board of Supervisors has set June 4 as the date for an election on the formation of a public utility district within the county primarily for the investigation of a publicly owned water system. Five trustees for the district will be elected at the same time.

BIDS WANTED

SAN FRANCISCO—Until April 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1349, for furnishing 100 low pressure fire hydrants.

Specifications obtainable from above office.

CONTRACT AWARDED.

SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego, at $6,200 awarded contract by the Public Works Officer, 11th Naval District, San Diego, under Spec. No. 7878, for the replacement of salt water flushing system at the Naval Operating Base (Destroyer Base) San Diego.

BIDS WANTED

PACIFIC GROVE, Monterey Co., Cal.—Until April 4, 7:30 P. M., bids will be received by the Pacific Grove City Council, Elgin C. Hurlbert, City Clerk, for furnishing water filters and boiler.

Specifications obtainable from the City Clerk.

BIDS OPENED

SAN CARLOS, Arizona—Bids for furnishing and installing electric motor driven deep well turbine pump and pump house on San Carlos Indian Reservation, under Bid No. 1045, were opened by the U. S. Indian Irrigation Service, 751 So. Figueroa St., March 18. The bids were:

Kimball-Krogh Pump Co., $998.25.
Layne & Bowler Corp., $1081.50.
Pomona Pump Co., $1112.04.
Peerless Pump Co., $1125.40.
Fairbanks-Morse Co., $1131.

PROJECT APPROVED

SAN MIGUEL, San Luis Obispo Co., Cal.—SERA has approved appropriation of $3418 for the construction of a water system in San Miguel. Project will be supervised by H. T. Johnson and will employ 17 laborers.

34— PARKS & PLAYGROUNDS

CONTEMPLATED.

WASHOE COUNTY, Nev. — County Commissioners considering plans to construct public golf course at Reno using SERA labor. Estimated cost $100,000, of which $25,000 would be for purchase of materials. 34

PROJECT APPROVED

OAKLAND, Cal.—SERA has approved appropriation of $15,031 for construction of cascade and pool at Linda Vista Park, and paths and walks in Lakeside Park, Oakland. Project will be supervised by Lee S. Kerfoot of the Park Department, and will employ one timekeeper and 42 laborers.

PROJECT APPROVED

OAKLAND, Cal.—SERA has approved appropriation of $8,254 for the removal of concrete and wrought iron fence and reconstruction at set back location; removal of pumphouse and filling reservoir, removing trees and shrubs, constructing concrete reservoir and pumphouse, on Moss Ave., Mosswood Park, Oakland. Chas. Reed will supervise the project which will employ one timekeeper and 32 laborers.

PROJECT APPROVED

SANTA MONICA, Los Angeles Co., Cal.—SERA has approved appropriation of $13,366 for landscaping Santa Monica Palisades. Work will include excavating for pipe line, trees and shrubs, etc. H. B. Carter will supervise the project which will employ one timekeeper and 50 laborers.

BID OPENING DATE POSTPONED

STOCKTON, San Joaquin Co., Cal.—Stockton Port Commission has postponed the date of opening bids for furnishing and installing underground piping, valves, fire hydrants and sprinklers for a sprinkler system to sprinkle 195,000 sq. ft. in area. Estimated cost, $27,500.

Bids were scheduled to be opened March 26, 4 P. M.

A new date will be set shortly.

PROJECT APPROVED.

PALO ALTO, Santa Clara Co., Cal.—SERA has approved a supplemental appropriation of $5,195 for City Park Improvement in parks partially developed within the City of Palo Alto. Work includes resurfacing of two tennis courts in El Camino Park and two tennis courts in Peers Park; completion of two tennis courts in Hampton Park, grading and planting trees and shrubs on streets and various parks, tree surgery work, etc.

J. F. Byxbee will supervise the project which will employ 30 laborers.

CAMARILLO — PIPE AND FITTINGS — (STATE)

CAMARILLO, Ventura Co., Calif.—Bids for furnishing cast iron pipe and fittings for delivery at the Camarillo State Hospital, near Camarillo, were opened by the State Purchasing Agent Sacramento, March 26.

Bids were taken as follows:

(1) 2,900 l.f. C.I. pipe, Class 150;
(2) 450 l.f. 6-in. cast iron pipe, Class 150;
(3) 5 10-in. 45-deg. ells;
(4) 2 10-in. 22½-deg. ells;
(5) 1 10x10x8x8 cross;
(6) 1 10x6 reducers;
(7) 3 6-in., 45-deg. ells;
(8) 1 6-in. tee;
(9) 2 6x4 tees;
(10) 1 6-in. plug;
(11) 1 6x2 tapped plug;
(12) 1 4x2 tapped plug;
(13) 1 4x2½ tapped plug;
(14) 1 6-in. sleeve flange and spigot;
(15) 1 6-in. gate valve;
(16) 2 6x11 gaskets;
(17) 8 ¾x3 bolts;
(18) 125 lbs. unoiled hemp.

The bidders were:
(A) Alhambra Foundry, Ltd.
(B) American Cast Iron Pipe Co.
(C) Central Foundry Co.
(D) Utilities Supply Co.
(E) U. S. Pipe & Foundry Co.
(F) Grinnell Company.

The bids were:

	(A) Stock	(B) Mill	(C) Mill	(D) Stock	(E) Mill	(E) Stock	(F) Mill	(F) Stock
(1)	$	$1.43	$1.21	$1.53	$1.40	$1.53	$1.43	$1.57
(2)		.71	.66	.80	.70	.76	.71	.77
(3)	9.50	9.50	9.50			9.50		9.50
(4)	9.50	9.50	9.50			9.50		9.50
(5)	20.03	20.30	20.00			20.03		17.55
(6)	10.00	9.60	10.10			8.60		9.00
(7)	4.98	4.98	4.98			4.98		4.98
(8)	9.00	9.00	9.00			9.00		7.65
(9)	8.33	8.33	8.33			8.33		6.75
(10)	.80	.80	.80			.80		.80
(11)	1.55	1.55	1.55			1.55		1.55
(12)	1.35	1.35	1.35			1.35		1.35
(13)	1.60	1.60	1.60			1.60		1.60
(14)	3.15	4.05	4.05			4.00		4.95
(15)	23.40		27.60			23.40		21.45
(16)	.25		.28			.18		.70
(17)	.07		.07			.07		.49
(18)	20.00					.12		12.00

PROJECT APPROVED.

BAKERSFIELD, Kern Co., Cal.—S E R A has approved appropriation of $2,697 for improvements to Eastside Park, Bakersfield. Work includes construction of masonry gates at the Grace Street and Jefferson Street entrances to the park; construction of masonry open air stage and installation of gravel pathways, etc. J. Holfelder will supervise the project which will employ one foreman and 20 laborers.

PROJECT APPROVED.

FAIR OAKS, Sacramento Co., Cal.—SERA has approved appropriation of $5,114 for improvements at San Juan School, Fair Oaks. Work will include grading school grounds, constructing one tennis court, etc. W. L. Johns of the San Juan Union High School will supervise the project which will employ 25 laborers.

35— TUNNELS

BIDS WANTED

OGDEN, Utah.—Until April 18, 10 A. M., bids will be received by the Bureau of Reclamation, Ogden, under Spec. No. 618, for construction of the Ogden-Brigham Tunnel and the Ogden Canyon Tunnel, Ogden River Project, near Ogden.

The work involves:

(1) 3670 c.y. all classes open-cut excavation;
(2) 26,480 c.y. excavation in tunnels and adits;
(3) 300 c.y. backfill;
(4) 5750 c.y. concrete in tunnels;
(5) 700 c.f. gunite coating in tunnels;
(6) 150 c.f. pressure grouting;
(7) 254 c.y. concrete in structures;
(8) placing 25,350 lbs. reinf. bars;
(9) furnishing and installing 23 M F B M permanent timbering in the tunnels;
(10) furnishing and installing 50,000 lbs. steel liner plates in tunnels;
(11) installing 6,700 lbs. gates, gate hoists and miscellaneous metal work.

Plans and specifications obtainable from the Bureau of Reclamation, Ogden, Utah; Denver, Colo.; or Washington, D. C., without charge to prospective bidders; to others, $1.50, not returnable.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

VENTURA COUNTY, Cal.—A. S. Vinnel Co., 969 Amalia Ave., Los Angeles, at $27,729.75 awarded contract by the State Highway Commission, Sacramento, for 1.7 miles grading, treating roadbed with fuel oil, and applying seal coat in Ventura County between Camarillo State Hospital buildings and Lewis Road.

CONTRACT AWARDED

DEL NORTE COUNTY, Cal.—E. B. Bishop, Orland, at $63,822.50 awarded contract by the State Highway Commission, Sacramento, for 8.7 miles surfacing with crusher run base and bituminous seal coat applied in Del Norte County, between the foot of Oregon Mountain and the Oregon State Line.

000.

PREPARING PLANS.

BURLINGAME, San Mateo Co., Cal.—City Engineer Chas. M. Thomas has been authorized by the City Council to prepare plans and specifications for the resurfacing of El Camino Real between Edgehill Drive and Broadway. Work will be financed by city's share of gas tax funds. Estimated cost $17.-

CONTRACT AWARDED.

LINCOLN COUNTY, Nev.— George French, Jr., P. O. Box 107, Stockton, Calif., at $133,924.05 submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 22, for construction of a portion of the State Highway System in Lincoln County between Alamo and four miles east of Crystal Springs, Route 7, Section B1, a length of 16.21 miles..

Dodge Const., Inc., Fallon, Nev., at $142,817 submitted second low bid.

Complete bids will be given shortly.

BIDS WANTED

TEHAMA COUNTY, Cal. — Until June 25, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 4.911 miles bituminous treatment (light surface application) of Section B, the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama Co.

The work requires 210 tons liquid asphaltic road material, Type S C.-2

Plans and specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED.

SAN DIEGO COUNTY, Cal.—V. R. Dennis Const. Co., 3911 5th Ave., San Diego, at 338,999.25 awarded contract by the State Highway Commission, Sacramento, for 0.8 mile grading and paving with asphalt concrete in San Diego County between Emerald Ave. and east city limits of El Cajon.

BIDS WANTED.

KERN COUNTY, Calif.—Until April 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 4.5 miles grading and placing bituminous treated selected surfacing material, in Kern County between one-half mile south and four miles east of Western Water Works Pumping Station.

The work involves:

(1) 2,390 M. gals. water;
(2) 69,000 c.y. rdwy. excav., unclass.;
(3) 370 c.y. structure excavation;
(4) 2,546,000 sta. yds. overhaul;
(5) 246 stations finishing rdwy.;
(6) 9,350 c.y. selected surfacing material;
(7) 150 tons liquid asphalt SC-2 prime coat;
(8) 420 tons liquid asphalt, ROMC-3 or ROMC-4 (road mix surfacing)
(9) 54,000 sq. yds. mixing, shaping, and compacting roadbed;
(10) 15 c.y. Class A Port. cem. conc. (structures);
(11) 1,000 lbs. reinf. steel (structures);
(12) 696 l.f. 8-in. CMP;
(13) 132 l.f. 24-in. CMP;
(14) 116 l.f. 30-in. CMP;
(15) 54 l.f. 60-in. CMP;
(16) 84 each culvert markers;
(17) 1.2 miles new property fence;
(18) 10 each drive gates;
(19) 64 each monuments complete in place;
(20) 79 each spillway assemblies;
(21) 1.9 miles moving and resetting property fences;
(22) 170 c.y. removing asphalt conc. pavement.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CONTRACT AWARDED

ESMERALDA AND MINERAL Counties, Nevada—Dodge Construction, Inc., Fallon, at $97,930.85 submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Esmeralda and Mineral Counties from Coaldale to Rhodes, Route 3, Section F and A1, a length of 20.86 miles.

Peninsula Paving Co., Fallon, at $104,625.93 submitted second low bid.

CONTRACT AWARDED

NYE COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $26,970.70 submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, for construction of an asphaltic roadmix surface in Nye County from the California-Nevada State Line to the junction with Route 5, Death Valley Road, Route 29, Section A, a length of 16.61 miles.

Dodge Construction, Inc., Fallon, at $27,596.70 submitted second low bid.

SAN FRANCISCO—WATER MAIN EXTENSION—(CITY)

SAN FRANCISCO.—Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $69,815.62 submitted low bid to the Department of Public Works, Room 251, City Hall, under Spec. No. 18,817 for the installation of Section "C" of the Potrero District Extension to the Auxiliary Water Supply System for Fire Protection.

Bids were taken as follows:

(1) 4938 l.f. 16-in. Class H bell and spigot, plain;
(2) 1032 l.f. 16-in. Class H bell and spigot, lugged;
(3) 891 l.f. 16-in. Class G bell and spigot, plain;
(4) 168 l.f. 16-in. Class G bell and spigot, lugged;
(5) 3752 l.f. 12-in. Class H bell and spigot, plain;
(6) 612 l.f. 12-in. Class H bell and spigot, lugged;
(7) 1395 l.f. 12-in. Class G bell and spigot, plain;
(8) 300 l.f. 12-in. Class G bell and spigot, lugged;
(9) 308 l.f. 8-inch Class H bell and spigot, lugged;
(10) 114 8-inch Class G bell and spigot lugged;
(11) 16 14-in. gate valves, in place;
(12) 13 10-in. do;
(13) 34 8-in. do;
(14) 34 standard h.p. hydrants in place

Note: Items (1) to (14) inclusive, cast iron pipe, valves, hydrants, and special castings, will be furnished by the City.

(15) 82,900 lbs. pig lead, furnished and delivered;
(16) 6415 lbs. cast steel special castings, do;
(17) 40,197 lbs. cast iron spec. castings furnished and delivered;
(18) 28,162 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(19) 59,515 pounds wrought iron bolts, nuts and washers, furnished and placed;
(20) 5118 lbs. reinforcing steel, furnished an placed;
(21) 64 c.y. Class B concrete, in place;
(22) 8349 c.y. excavation and backfill;
(23) 39,973 sq. ft. asphalt conc. pavement (2-in. x 6-in.) Class F conc.
(24) 528 sq. ft. concrete sidewalk (one course);
(25) 9 c.y. crushed rock, furnished and placed;
(26) 52 tons bell and spigot pipe, without lugs, in Classes B and H and in nominal dia. of 8- to 18-in., inclusive;
(27) 12 tons bell and spigot pipe with bolting lugs, in Classes do.

Note: Items (15) to (27) inclusive: all materials, including pipe, shall be furnished by the contractor.

Total bids follow:

(A) Robert B. McNair and H. Gould, Oakland, $69,815.62.
(B) Pacific Pavements Co., Ltd., San Francisco, $70,048.41.
(C) E. J. Treacy, San Francisco, $73,211.64.
(D) Eaton & Smith, San Francisco, $75,641.19.
(E) Peninsula Paving Co., San Francisco, $78,841.88.
(F) Herman Lawson, San Francisco, $78,848.04.
(G) Chas. L. Harney, San Francisco, $79,819.14.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.48	$ 1.59	$ 2.351	$ 2.71	$ 2.35	$ .89	$ 3.10
(2)	1.67	1.64	2.476	2.71	2.40	1.34	3.20
(3)	1.48	1.49	2.056	2.66	2.50	1.27	3.00
(4)	1.63	1.58	2.716	2.66	2.60	1.90	3.20
(5)	1.38	1.47	2.456	2.27	2.20	.75	2.00
(6)	1.53	1.46	2.166	2.27	2.30	1.10	2.10
(7)	1.38	1.47	2.056	2.24	2.25	.72	2.00
(8)	1.53	1.49	2.256	2.24	2.30	1.15	2.10
(9)	3.27	.99	1.64	2.93	1.75	1.00	2.00
(10)	3.27	.98	1.80	2.93	1.75	1.14	2.00
(11)	50.00	12.50	21.00	48.00	12.00	21.00	40.00
(12)	50.00	8.00	21.00	15.00	10.00	33.00	30.00
(13)	50.00	5.00	15.00	10.00	7.00	17.00	20.00
(14)	50.00	12.00	20.00	48.00	12.00	12.00	30.00
(15)	.044	.04	.04	.039	.04	.06	.039
(16)	.20	.205	.21	.20	.20	.21	.20
(17)	.05	.055	.05	.05	.05	.055	.05
(18)	.06	.065	.06	.06	.07	.10	.06
(19)	.09	.10	.085	.10	.14	.11	.09
(20)	.06	.05	.05	.05	.06	.08	.04
(21)	22.00	40.00	20.00	19.00	20.00	19.00	20.00
(22)	2.18	2.20	1.64	1.50	1.80	3.75	1.90
(23)	.18	.24	.20	.18	.22	.26	.20
(24)	.20	.11	.14	.15	.20	.25	.20
(25)	4.50	3.00	3.00	2.00	4.00	3.00	3.00
(26)	48.50	48.50	48.50	50.00	60.00	48.50	47.50
(27)	58.50	58.50	58.50	60.00	110.00	58.50	58.50

All bids referred to the city engineer and the PWA.

BIDS WANTED

BONNEVILLE DAM, Oregon.—Construction of walks, curbs, gutters, etc. see items under WATERWORKS (33).

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the properay of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 10, and in Los Angeles on April 11, 1935:

II-Plu-21-A. Br. acr. N. Fork of Feather River, opening April 10. (PLANS) No. of sheets, 21; cost, $2.10 (CROSS-SECTIONS) No. of sheets, none. Total $2.10.

II-Sis-72-B. Bet. Cougar and Horse Thief Creek, opening April 10. (PLANS) No. of sheets, 29; cost, $2.90 (CROSS-SECTIONS) No. of sheets, 138; cost, $13.80. Total $16.70.

III-Yol-7-Wd. In Woodland, bet. the South City Limits and Main St. Opening April 10. (PLANS) No. of sheets, 7; cost, 70c; (CROSS-SECTIONS) No. of sheets, 11; cost, $1.10. Total $1.80.

IV-S.M-68-B. Widening undergrade xing under the tracks of the S. P. Co. and So. S. F. Belt Railway at South San Francisco, opening April 10 (PLANS) No. of sheets 21; cost, $2.10; (CROSS-SECTIONS) none. Total, $2.10.

VII-L.A-60-SMca. bet. Ocean Ave. and Lincoln Blvd., opening April 11. (PLANS) No. of sheets, 11; cost, $1.10 (CROSS-SECTIONS) No. of sheets, 19; cost, $1.90. Total, $3.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

AWARD RECOMMENDED.

MARIPOSA COUNTY, Cal.—Morrison-Kundsen Co., 411 W Fifth St., Los Angeles, at $159,413.50 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 2.155 miles of grading on Section A2 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

The work involves:

(1) 20 acres clearing;
(2) 107,400 c.y. unclass. excav.;
(3) 6,200 c.y. do for borrow;
(4) 1,020 c.y. do for structures;
(5) 45,600 sta. yds. overhaul;
(6) 8,500 c.y. mi. borrow haul;
(7) 2,600 c.y. hand-laid rock embankment;
(8) 212 l.f. 12-in. CGMP;
(9) 622 l.f. 18-in. CGMP;
(10) 1118 l.f. 24-in. CGMP;
(11) 108 c.y. Class A concrete;
(12) 12,000 lbs. reinforcing steel;
(13) 170 c.y. masonry;
(14) 2,800 l.f. protection ditch.

Total bids follow:

(A) Morrison-Knudsen Co., Los Angeles, $159,413.50.
(B) Bodenhamer Const. Co., Oakland, $164,851.50.
(C) Bayshore Const. Co., San Francisco, $169,225.80.
(D) Granfield - Farrar & Carlin, San Francisco, $188,175.20.
(E) Engineer's estimate, $167,837.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$790.00	$650.00	$600.00	$650.00	$800.00
(2)	1.05	1.10	1.10	1.20	1.10
(3)	.55	.60	.80	1.20	.55
(4)	2.25	1.75	2.00	2.00	2.00
(5)	.02	.03	.01	.015	.02
(6)	.30	.20	.35	.40	.30
(7)	3.00	4.50	6.00	6.00	4.00
(8)	1.50	1.25	1.50	1.25	1.60
(9)	2.00	1.75	1.90	1.75	2.20
(10)	2.75	2.50	2.50	2.65	3.20
(11)	40.00	30.00	30.00	30.00	40.00
(12)	.08	.08	.06	.07	.08
(13)	20.00	25.00	20.00	25.00	20.00
(14)	.20	.30	.50	.75	.15

BIDS OPENED.

OAKLAND, Cal.—W. H. Larson, 432 Michigan Ave., Berkeley, at $0.072 per square foot submitted low bid to the Oakland City Board of Playground Directors, R. W. Robertson, Secretary, March 26, for surfacing volley ball, basket ball, hand ball and paddle tennis courts in Moswood Playground. The area to be surfaced is approximately 19,000 sq. ft.

Complete bids follow:

W. H. Larson, Berkeley	$0.072
Independent Const. Co., Oakland	.084
Lee J. Immel, Berkeley	.085
P. M. Henning, Oakland	.086
Ransome Co., Emeryville	.088
J. H. Fitzmaurice, Oakland	.092

Bids held under advisement until April 9.

PLANS AWAITING APPROVAL

EL CERRITO, Contra Costa Co., Cal.—City Engineer Harry D. Chapman has forwarded plans and specifications for the improvement of Cutting Blvd. to the State Highway Commission for approval. The work will be financed by the city's share of gas tax funds.

LINCOLN COUNTY, Nev. — 16.21 Mi. Highway — (State)

LINCOLN COUNTY, Nev.—George French, Jr., P. O. Box 107, Stockton, Calif., at $133,924.05, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, March 22 for construction of a portion of the State Highway System in Lincoln County between Alamo and four miles east of Crystal Springs, Route 7, Section III, a length of 16.21 miles.

The work involves:

(1) 19,135 l.f. remove fence;
(2) 27 each remove trees;
(3) 190,000 c.y. rdwy. excav.;
(4) 152,655 stn. yds. overhaul;
(5) 35,104 c.y. select borrow;
(6) 1,930 c.y. structure excavation;
(7) 16.21 miles subgrade;
(8) 16.21 miles finish roadway;
(9) 53,900 tons crushed gravel or stone surface;
(10) 132 c.y. Class A concrete;
(11) 212 c.y. Class B concrete;
(12) 18,600 lbs. reinforcing steel;
(13) 10 c.y. dry rubble masonry;
(14) 2,852 l.f. 18-in. CMP;
(15) 2,408 l.f. 24-in. CMP;
(16) 332 l.f. 30-in. CMP;
(17) 488 l.f. 36-in. CMP;
(18) 248 l.f. 42-in. CMP;
(19) 138 l.f. 48-in. CMP;
(20) 246 l.f. 30-in. flume, 2x6;
(21) 197 each monuments;
(22) 16,990 l.f. construct fence,
(23) 16,348 l.f. reconstruct fence;
(24) lump sum, move building;
(25) 14 c.y. riprap.
(26) 1.7 MFBM redwood.

Total bids follow:

(A) George French, Jr., Stockton, Cal., $133,924.05.
(B) Dodge Const., Inc., Fallon, Nev., $112,817.00.
(C) Olof Nelson, Logan, Utah, $145,-160.27.
(D) Jones & King, Hayward, Calif., $149,198.63.
(E) Utah Const. Co., Ogden, Utah, $152,144.63.
(F) Gibbons & Reed, Salt Lake City, $155,941.84.
(G) Union Paving Co., San Francisco, $167,580.76.
(H) Isbell Const. Co., Reno, $176,-189.05.
(I) A. Teichert & Son, Inc., Sacramento, $189,093.95.
(J) Engineer's estimate, $148,655.56.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .02	$ .40	$ .02	$ .03	$ 03	$ .02	$ .02	$ .03	$ .02	$ .02
(2)	5.00	10.00	5.00	6.40	5.00	6.00	10.00	10.00	20.00	10.00
(3)	.25	.28	.32	.28	36	.35	.38	.45	.41	.30
(4)	.03	.02	.03	.02	02	.02	.02	.02	.02	.02
(5)	.35	.30	.40	.35	.38	.35	.45	.40	.40	.40
(6)	1.00	1.50	1.00	1.06	1.25	1.00	1.50	1.00	1.50	1.00
(7)	50.00	100.00	100.00	128.00	60.00	100.00	100.00	100.00	125.00	100.00
(8)	100.00	100.00	100.00	160.00	200.00	150.00	100.00	150.00	250.00	100.00
(9)	.50	.55	.50	.65	.52	.57	.60	.55	.72	.60
(10)	30.00	30.00	24.00	28.00	26.00	30.00	30.00	30.00	35.00	30.00
(11)	30.00	30.00	21.00	32.00	26.00	30.00	30.00	30.00	35.00	30.00
(12)	.07	.06	.06	.07	.08	.07	.07	.07	.07	.07
(13)	10.00	10.00	10.00	7.70	5.00	9.00	15.00	10.00	10.00	12.00
(14)	2.25	2.25	2.00	2.10	1.65	2.00	2.00	2.00	2.00	2.00
(15)	3.00	3.00	2.90	3.14	2.40	2.90	3.00	3.00	3.00	2.75
(16)	3.50	4.00	3.50	4.00	3.50	3.55	4.00	3.50	4.00	3.50
(17)	5.00	5.50	5.00	5.90	5.00	5.50	6.00	5.00	5.00	5.50
(18)	6.00	7.50	5.50	7.15	5.75	6.35	7.00	6.00	6.00	7.25
(19)	8.00	10.00	9.00	10.25	8.00	9.00	10.00	8.00	9.00	9.00
(20)	2.50	3.00	2.00	2.55	3.00	3.50	4.00	2.25	2.50	3.50
(21)	3.00	3.00	5.00	3.20	3.00	3.00	4.00	3.50	3.50	4.00
(22)	.15	.15	.12	.13	.11	.13	.12	.15	.15	.12
(23)	.10	.10	.04	.06	.07	.08	.07	.10	.10	.07
(24)	500.00	1000.00	300.00	640.00	300.00	500.00	100.00	500.00	1000.00	350.00
(25)	5.00	5.00	3.00	3.85	3.00	5.00	5.00	10.00	6.00	4.00
(26)	125.00	120.00	130.00	128.00	120.00	140.00	120.00	125.00	150.00	120.00

BIDS WANTED

WASHOE COUNTY, Nevada—Until April 10, 2:30 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg. Carson City, for the construction of a portion of the State Highway System in Washoe County, between 10 miles north of Reno and Pyramid Lake, a length of 22.5 miles; NRS Project 123-B (1935).

The work involves:

(1) 156 acres clearing and grubbing;
(2) 155,200 cu. yds. roadway excav.;
(3) 154,507 sta. yds. overhaul;
(4) 66,513 cu. yds. select borrow;
(5) 1500 cu. yds. structure excav.;
(6) 22.5 mi. subgrade;
(7) 22.5 mi. finish roadway;
(8) 45,700 cu. yds. select material surfacing;
(9) 16,900 tons crushed gravel or stone surfacing;
(10) 64 cu. yds. Class A concrete;
(11) 98 cu. yds. Class B concrete;
(12) 8800 lbs. reinf. steel;
(13) 19.3 MFBM redwood;
(14) 2204 lin. ft. 18-in. C.M.P.;
(15) 532 lin. ft. 24-in. C.M.P.;
(16) 122 lin. ft. 36-in. C.M.P.;
(17) 295 lin. ft. 1.5-ft. x 1.5-ft. laminated culverts;
(18) 200 lin. ft. 4.0-ft. x 2.0-ft. do;
(19) 55 cu. yds. riprap;
(20) 139 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

LOW BIDDER

COCHISE COUNTY, Ariz.—Pleasant-Hasler Co., 324 Luhrs Bldg., Phoenix Arizona, submitted low bid to the Arizona Highway Commission, Phoenix, March 22, at $152,428, for highway construction on the Fort Huachuca-Bisbee Highway, NRS 108-A (1935) A.F.E. 601. The work, which begins at Fort Huachuca and extends southeasterly about 12⅔ miles, consists of grading, draining and placing aggregate base course and road oil plant mix.

Tanner & Hall, Phoenix, submitted the second bid at $153,623.

CONTRACT AWARDED.

COCONINO COUNTY, Arizona—Lee Moor Contracting Co., 807 Bassett Tower Bldg., El Paso, Texas, at $95,-050 awarded contract by the Bureau of Public Roads, Phoenix, for placing bituminous treated crushed rock surfacing on 14.437 miles of Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County.

BIDS WANTED

STATE OF WASHINGTON—Until April 9, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, Washington, as follows:

(1) Grading and surfacing with crushed stone about 1.3 miles of Port Ludlow County Road, Junction State Road No. 9, near Tacoma, to Center U.S.P.W. Project NRS 215-A, in Jefferson County, involving: 34 acres clearing; 109,760 cu. yds. excavation and gravel borrow, 6979 cu. yds crushed stone surfacing, 1804 lin. ft pipe culverts, and other items.

(2) Paving with Portland cement concrete about 1.3 miles of County Road, Hillyard North, U.S.P.W. Project NRS 216-A, in Spokane County, involving: 17,200 cu. yds. excavation, 14,549 sq. yds. Portland cement concrete pavement; 180 lin. ft. pipe culverts and other items.

Plans and specifications obtainable from above office upon deposit of $2 per set.

BIDS OPENED.

DENVER, Colo.—Jones and Laughlin Steel Co., Inland Steel Co., Pacific Coast Steel Co., Carnegie Steel Co. and the Illinois Steel Co., submitted bids to A. McD. Brooks, Purchasing Agent, Bureau of Reclamation, Denver, March 11, under Bid No. 20,383-A, for furnishing fob cars shipping point and/or cars destination at Rye Patch, Nev. (Sched. No. 1) and Ogden, Utah (Sched. No. 2) interlocking and sheet steel piling, as follows:

SCHEDULE NO. 1

(1) 250 tons new straight, interlocking sheet piling in lengths as ordered not exceeding 40 ft.;

SCHEDULE NO. 2

(2) 5 pcs. new steel sheet piling, 20 ft. long;
(3) 5 pcs. do. 25 ft. long;
(4) 6 pcs. do. 30 ft. long;
(5) 162 pcs. do. 35 ft. long;
(6) 18 pcs. do. 40 ft. long;
(7) 18 pcs. do. 45 ft. long.

All bidders quote same price fob destination, on Schedules 1 and 2 except the Illinois Steel Co., which quoted only on Schedule 1, with ⅜-inch web.

The bids were:
Schedule 1—$62.00.
Schedule 2—$64.00.

LOW BIDDERS

NAVAJO COUNTY, Ariz.—Rogers Bros., Snowflake, Ariz., at $46,081.72 submitted the lowest of eight bids received by the Bureau of Public Roads, Title & Trust Bldg., Phoenix, for 4.527 miles grading on Section A of Route 30, the Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz.

K. DeWitt, Mesa, at $52,953.31 submitted second low bid and Skousen Bros., Albuquerque, N. M., at $61,-955.50 submitted third low bid.

Engineer's estimate, $71,491.80.

Complete bids will be given shortly

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $17,361 awarded contract by the State Highway Commission, Sacramento, for 0.2 mile of riprap slope protection in Sacramento County between Rio Vista Bridge and Freeport.

CONTRACT AWARDED

SOLANO COUNTY, Calif.—Pacific States Construction Co., 708 Call Bldg. San Francisco, at $19,745.85 awarded contract by the State Highway Commission, Sacramento, for about .7 mile grading and surfacing with bituminous treated crushed gravel or stone, plant mix, through Fairfield, Solano County.

BIDS WANTED.

SAN JOAQUIN COUNTY, Cal.—Until April 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 3.8 miles of grading and paving with asphalt concrete in San Joaquin County between French Camp and Stockton.

The work involves:

(1) 1,500 M. gals. water;
(2) 12,300 c.y. rdwy. excav., unclass.;
(3) 147 .y. dtich and channel excav.;
(4) 17,500 c.y. imported borrow;
(5) 550 c.y. structure excavation;
(6) 1 c.y. existing concrete removed and disposed of;
(7) 1,100 sq. yds. subgrade for pave.;
(8) 201 stations finish rdwy.;
(9) 506 c.y. salvaged surfacing;
(10) 5,920 tons untreated crushed gravel or stone surfacing;
(11) 43,100 sq. yds. preparing, mixing, and shaping shoulders;
(12) 282 tons liquid asphalt SC-2 (road mix surface treatment);
(13) 23 tons liquid asphalt SC-2 (prime coat);
(14) 19 tons asphaltic emulsion (seal coat);
(15) 170 tons sand (seal coat);
(16) 15,260 tons asphalt concrete;
(17) 53,600 sq. yds. asph. paint binder
(18) 24 c.y. Class A Portland cement concrete (structures);
(19) 1,400 lbs. bar reinf. steel (struc.)
(20) 224 l.f. 12-in. CMP;
(21) 446 l.f. 18-in. CMP;
(22) 40 l.f. existing CMP culverts cleaned and relaid;
(23) 60 l.f. existing CMP culverts to be cleaned and salvaged;
(24) 7 each culverts headwalls removed and reset;
(25) 12 each cast steel frames and covers for drop inlets;
(26) 400 c.y. Class A Portland cement concrete (curbs and gutters);
(27) 0.11 mile moving and resetting existing fences;
(28) 9 each monuments complete, in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CONTRACT AWARDED

TEHAMA COUNTY, Cal. — Hemstreet Bell, 501 11th St., P. O. Box 550, Marysville, at $16,730.30 awarded contract by the State Highway Commission, Sacramento, for one mile grading and surfacing with bituminous treated crushed gravel or stone, road mixed, placed on creek run gravel base, in Tehama County, at the southt entrance of the City of Red Bluff.

LYON COUNTY, Nev. — 9.45 Mi. Highway — (State)

LYON COUNTY, Nev.—Fredrickson and Watson Const. Co., Fredrickson Bros. and Jones & King, 873 81st Ave., Oakland, at $160,129.35 submitted low bid and were awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 22, for construction of a portion of the State Highway System in Lyon County bet. Washoe-Lyon County line and 5 mi. northeast of Fernley, and between Fernley Overpass and a point approximately 1.5 miles south, Routes 1 and 2, Sections A1, A2, A3, A4 and B, a length of 9.45 miles.

The work involves:

(1) 23,909 l.f. remove fence;
(2) 424 l.f. remove culvert pipe;
(3) 122 each remove trees;
(4) 602 l.f. remove 3-in. water pipe (redwood);
(5) 33 c.y. remove concrete;
(6) 13 each remove culvert headwalls
(7) 880 l.f. remove sand fence;
(8) 59,660 c.y. roadway excavation;
(9) 141,115 yd. sta. overhaul;
(10) 20,065 c.y. select borrow;
(11) 42,803 c.y. imported borrow;
(12) 3,344 c.y. structure excavation;
(13) 9.05 miles subgrade (20-ft. width);
(14) 0.30 mile subgrade (63-ft. width);
(15) 9.05 miles shoulders;
(16) 9.61 miles finish roadway;
(17) 7,525 c.y. sub-base;
(18) 30,060 tons plant mix crushed gravel or stone base;
(19) 1,227 m. gals. water;
(20) 719 tons asphalt road material, Type MC3 MC4;
(21) 79,430 gals. do, Type SC-1A;
(22) 1,350 gals. do, Type SC-2;
(23) 143 tons do, Type MC-2;
(24) 17,170 tons plant mix asphaltic surface;
(25) 9.61 miles traffic stripe;
(26) 290 c.y. Class A concrete;
(27) 15 c.y. Class B concrete;
(28) 18,040 lb. reinforcing steel;
(29) 176 l.f. 15-in. corru. metal pipe;
(30) 756 l.f. 18-in. do;
(31) 532 l.f. 24-in. do;
(32) 1,450 l.f. 36-in. do;
(33) 2,378 l.f. 8-in. perforated underdrain;
(34) 918 l.f. 3-in. redwood water pipe;
(35) 12 l.f. 24-in. vitrified pipe;
(36) 150 l.f. 6-in. corru. metal pipe;
(37) 1,733 l.f. 1¼-in. water pipe;
(38) 200 l.f. 4-in. water pipe;
(39) 281 c.y. gravel backfill;
(40) 266 l.f. relay culvert pipe;
(41) 46 each move pipe culvert headwalls;
(42) 83 each monuments;
(43) 2,538 l.f. construct fence;
(44) 22,448 l.f. reconstruct fence;
(45) 1,700 lbs. castings;
(46) 528 l.f. relay 3-inch water pipe redwood);
(47) 2,995 l.f. sand fence;
(48) 584 l.f. remove and reset guard rail;
(49) 9.35 miles salvage and relay surface;
(50) 91 tons emulsified asphalt, penetration;
(51) 7.8 M. ft. b.m. redwood;
(52) lump sum move buildings;
(53) 100 hours motor grader;
(54) 50 hours, 60-hp. tractor;
(55) 50 hours 10-ft. blade grader;
(56) 50 hours 30-hp. tractor & scraper
(57) 50 hours 1½-ton truck.

Total bids follow:

(A) Fredrickson & Watson Const. Co., Fredrickson Bros. and Jones and King, Oakland, Cal., $160,129.35.
(B) Olof Nelson, Logan, Utah, $165,705.01.
(C) Dodge Const., Inc., Fallon, Nev., $166,535.06.
(D) A. Teichert & Son, Inc., Sacramento, $167,146.56.
(E) Jack Casson, Hayward, Cal., $169,757.80.
(F) Peninsula Paving Co., Fallon, $170,834.85.
(G) Union Paving Co., San Francisco, $184,665.84.
(H) Isbell Const. Co., Reno, $208,634.54.
(I) Engineer's estimate, $186,703.83.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .03	$ .02	$ .04	$ .02	$ .01	$ .02	$ .02	$ .03	$ .02
(2)	.37	.50	1.00	.50	.50	.60	.75	1.00	.75
(3)	4.00	3.00	5.00	10.00	10.00	10.00	5.00	5.00	5.00
(4)	2.50	4.00	5.00	10.00	4.00	6.00	5.00	10.00	4.00
(5)	.30	.50	.25	.15	.10	.50	.50	.10	.50
(6)	5.00	2.00	5.00	4.00	1.00	5.00	5.00	6.00	5.00
(7)	.04	.10	.10	.10	.05	.10	.10	.15	.10
(8)	.21	.22	.20	.20	.28	.30	.30	.35	.30
(9)	.02	.02	.02	.01	.02	.02	.02	.02	.02
(10)	.33	.30	.35	.35	.36	.40	.40	.40	.40
(11)	.32	.40	.30	.20	.33	.35	.35	.50	.35
(12)	1.00	1.00	1.00	1.00	.50	1.00	1.25	1.00	1.00
(13)	125.00	100.00	150.00	200.00	264.00	225.00	200.00	150.00	200.00
(14)	375.00	200.00	500.00	600.00	750.00	600.00	400.00	500.00	400.00
(15)	125.00	100.00	100.00	150.00	350.00	308.00	150.00	100.00	150.00
(16)	125.00	75.00	100.00	100.00	100.00	200.00	100.00	100.00	100.00
(17)	.90	.50	1.00	1.25	.80	.75	.80	1.00	.80
(18)	.90	1.10	.90	1.15	1.15	.90	1.20	1.35	1.20
(19)	1.25	2.00	1.50	1.50	2.10	1.50	1.00	1.50	1.50
(20)	23.00	20.00	20.50	20.50	19.60	20.00	20.00	24.00	22.00
(21)	.05	.06	.06	.06	.045	.06	.07	.06	.07
(22)	.06	.10	.12	.10	.045	.06	.07	.07	.07
(23)	24.00	20.00	22.00	22.50	19.60	21.00	20.00	22.00	22.00
(24)	1.10	1.40	1.50	1.33	1.35	1.25	1.50	1.80	1.45
(25)	60.00	100.00	100.00	75.00	60.00	60.00	50.00	50.00	100.00
(26)	20.50	20.00	25.00	21.00	19.00	24.00	25.00	26.00	25.00
(27)	20.50	20.00	25.00	21.00	19.00	23.00	25.00	26.00	25.00
(28)	.06	06.	.06	.05	.04	.06	.05	.06	.06
(29)	87.00	100.00	110.00	100.00	100.00	130.00	120.00	110.00	120.00
(30)	1.00	.50	1.00	.90	.75	1.00	1.00	1.00	1.00
(31)	1.40	1.20	1.25	1.60	2.30	1.50	2.00	1.50	1.75
(32)	1.70	1.50	1.50	1.75	2.45	2.00	2.25	1.75	1.90
(33)	2.60	2.30	2.25	2.75	3.20	2.50	3.00	2.60	2.75
(34)	5.00	4.50	4.50	4.75	5.50	4.50	4.00	4.75	4.00
(35)	2.50	2.00	5.00	5.00	6.00	6.00	3.00	5.00	3.00
(36)	1.00	1.00	1.00	.90	.75	1.00	1.25	1.25	1.50
(37)	.75	.50	.60	.40	.45	1.00	1.00	.45	1.50
(38)	.37	.20	.50	.20	.20	.25	.35	.25	.35
(39)	1.90	1.00	1.00	1.00	1.00	1.25	1.00	.85	.75
(40)	1.90	.50	1.00	2.00	2.00	.80	2.00	3.50	1.00
(41)	.50	.50	1.00	1.00	.50	.60	.75	.50	.75
(42)	10.00	15.00	10.00	15.00	10.00	9.00	10.00	6.00	10.00
(43)	2.50	5.00	3.00	3.00	2.50	2.00	3.00	3.50	4.00
(44)	.12	.12	.15	.15	.07	.13	.10	.25	.12
(45)	.06	.04	.10	.06	.02	.06	.07	.09	.08
(46)	.20	.10	.20	.15	.06	.10	.10	.10	.15
(47)	.37	.50	.25	.25	.10	.40	.50	.10	.75
(48)	.15	.20	.25	.30	.10	.15	.20	.40	.25
(49)	2125.00	300.00	1000.00	500.00	750.00	900.00	1000.00	1000.00	1000.00
(50)	.62	.40	.50	1.00	.60	.75	.50	1.00	.50
(51)	465.00	500.00	500.00	500.00	300.00	500.00	600.00	500.00	600.00
(52)	30.00	25.00	24.00	30.00	23.50	25.00	24.00	26.40	24.00
(53)	5.00	3.00	4.00	6.00	5.00	4.00	3.00	4.00	2.50
(54)	5.00	5.00	5.00	6.00	5.00	3.50	5.00	4.50	3.00
(55)	1.00	1.50	1.00	3.00	2.00	2.00	1.50	2.00	1.50
(56)	4.00	4.00	4.50	5.00	3.75	2.75	2.50	3.50	2.50
(57)	2.00	2.50	2.50	2.50	2.50	1.50	1.50	2.50	1.50

CLARK COUNTY, Nev. — 10.18 Mi. Highway — (State)

CLARK COUNTY, Nevada—Union Paving Co., Call Bldg., San Francisco, at $79,342.82 submitted low bid and awarded contract by Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 88, for construction of a portion of the State Highway System in Clark County, bet. Las Vegas and a point approximately 10 miles southeast, Route 5, Section D1, a length of 10.18 miles.

The work involves:
(1) 308 l.f. remove culvert pipe;
(2) 43 each remove culvert headwalls
(3) 59,800 c.y. roadway excavation;
(4) 8,942 sta. yds. overhaul;
(5) 17,500 c.y. imported borrow;
(6) 2,000 c.y. structure excavation;
(7) 10.18 miles finish roadway;
(8) 25,900 tons crushed gravel or stone surface;
(9) 1,801 M. gallons water;
(10) 528 c.y. Class A concrete;
(11) 38 c.y. Class B concrete;
(12) 56,500 lbs. reinforcing steel;
(13) 820 l.f. 18-in. CMP;
(14) 504 l.f. 24-in. CMP;
(15) 128 l.f. 30-in. CMP;
(16) 94 l.f. 36-in. CMP;
(17) 174 l.f. jacking 24-in. CMP;
(18) 44 l.f. jacking 30-in. CMP;
(19) 22 l.f. jacking 36-in. CMP;
(20) 553 l.f. 6-in. tile underdrain;
(21) 2.0 MFBM redwood;
(22) 65 each move pipe culvert headwall;
(23) 40 c.y. riprap;
(24) 96 l.f. guard rail;
(25) 1,700 lbs. castings;
(26) 4 c.y. remove concrete;
(27) 90 c.y. gravel backfill;
(28) 75,947 gals. asphalt road material, Type SC-2;
(29) 10.16 miles subgrade.

Total bids follow:
(A) Union Paving Co., San Francisco, $79,324.82.
(B) Jones & King, Hayward, $80,172.42.
(C) Dodge Construction Inc., Fallon, $88,529.96.
(D) George French Jr., Stockton, $92,462.86.
(E) J. A. Casson, Oakland, $95,650.68
(F) Isbell Constr. Co., Reno, $108,567.38.
(G) Engineer's Estimate, $81,367.86.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .50	$ .51	$ 1.00	$ .75	$ 1.00	$ 1.00	$ .75
(2)	5.00	5.12	5.00	5.00	10.00	5.00	5.00
(3)	.27	.23	.25	.35	.50	.40	.25
(4)	.03	.025	.03	.05	.01	.02	.03
(5)	.40	.45	.30	.40	.50	.75	.40
(6)	1.00	1.05	1.50	1.50	1.00	1.00	1.00
(7)	150.00	128.00	200.00	150.00	200.00	300.00	200.00
(8)	.55	.72	.85	.70	.60	1.00	.55
(9)	1.50	1.28	1.50	2.50	3.00	1.70	2.00
(10)	30.00	24.30	30.00	30.00	25.00	28.00	30.00
(11)	30.00	24.30	30.00	30.00	25.00	28.00	30.00
(12)	.07	.06	.06	.07	.05	.06	.07
(13)	2.00	2.03	2.25	2.50	2.00	2.00	2.00
(14)	3.00	3.13	3.00	3.00	3.00	3.00	2.50
(15)	4.00	3.90	3.75	3.50	3.50	3.75	3.50
(16)	5.00	6.05	5.50	4.00	6.00	5.50	5.00
(17)	5.00	5.97	5.00	7.50	1.00	5.00	4.50
(18)	5.00	6.15	6.00	8.50	1.00	7.00	5.00
(19)	6.00	8.10	7.50	10.00	1.00	9.00	6.00
(20)	.60	.64	.50	.50	.50	.80	.40
(21)	120.00	128.00	125.00	200.00	100.00	130.00	120.00
(22)	7.50	10.20	10.00	10.00	10.00	6.00	10.00
(23)	4.00	3.85	5.00	5.00	3.00	4.00	4.00
(24)	1.00	1.25	1.25	2.00	1.00	1.50	1.20
(25)	.10	.20	.20	.20	.05	.15	.20
(26)	5.00	6.40	7.50	5.00	2.50	6.00	5.00
(27)	2.00	3.85	3.00	1.00	3.00	4.00	.75
(28)	.08	.085	.10	.08	.08	.105	.10
(29)	100.00	190.00	200.00	100.00	200.00	200.00	150.00

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until April 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 0.2 mile grading and paving with asphalt concrete in San Mateo County in the City of San Mateo, between Crystal Springs Road and Third Avenue.

The work involves:
(1) 50 M gals. water;
(2) 750 cu. yds. rdwy. excavation, unclass.;
(3) 2800 cu. yds. struct. excav.;
(4) 2500 cu. yds. imported borrow;
(5) 550 cu. yds. remove and dispose of exist. Portland cement conc.;
(6) 250 sq. yds. planing existing pavement.
(7) 9 stations finishing rdwy.;
(8) 1130 tons crusher run base;
(9) 1500 sq. yds. asphaltic paint binder;
(10) 1650 tons asphalt concrete;
(11) 72,000 lbs. bar reinf. steel;
(12) 385 cu. yds. Class A Portland cement concrete (arch footings);
(13) 342 cu. yds. Class A Portland cement concrete (arch barrel);
(14) 400 cu. yds. Class B Portland cement concrete (walls);
(15) 200 cu. yds. Class A Portland cement concrete (sidewalks, curbs, gutters and structures);
(16) 190 cu. yds. rubble masonry;
(17) 170 lin. ft. 15-in. CMP, close riveted and soldered;
(18) 50 lin. ft. 18-in. CMP, do;
(19) 6 each conc. joints 15-in. culvert
(20) 1 each conc. joint 18-in. culvert;
(21) 1 each special brick catchbasin;
(22) 1 each new brick manhole;
(23) 3 each manholes adjusted to grade;
(24) 275 lin. ft. laminated timber guard rail;
(25) 20 each crosswalk markers;
(26) 6 each monuments.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

PROJECT APPROVED

COLUSA, Colusa Co., Cal.—SERA has approved a supplemental appropriation of $5471 for construction of concrete curbs and gutters in the City of Colusa. Project will be supervised by J. C. North and will employ 42 laborers.

BIDS WANTED

HUMBOLDT COUNTY, Nevada—Until April 10, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway System in Humboldt County, between Toll House and Paradise Hill, Route 8, Section B, a length of 12.21 miles.

The work involves:
(1) 438 lin. ft. remove culvert pipe;
(2) 38 each, remove culvert headwalls;
(3) 92,000 cu. yds. roadway excavation;
(4) 93,332 sta. yds. overhaul;
(5) 3391 cu. yds. select borrow;
(6) 7760 cu. yds. imported borrow;
(7) 1030 cu. yds. structural excav.;
(8) 12.21 mi. subgrade;
(9) 12.21 mi. finish roadway;
(10) 48,300 tons crushed gravel or stone surface;
(11) 166 cu. yds. Class A concrete;
(12) 31 cu. yds. Class B concrete;
(13) 17,950 lbs. reinf. steel;
(14) 492 lin. ft. 15-in. C.M.P.;
(15) 672 lin. ft. 18-in. C.M.P.;
(16) 632 lin. ft. 24-in. C.M.P.;
(17) 144 lin. ft. 30-in. C.M.P.;
(18) 206 lin. ft. 36-in. C.M.P.;
(19) 212 lin. ft. relay culvert pipe;
(20) 107 each move pipe culvert headwalls;
(21) 74 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bdg., 461 Market St., San Francisco.

BIDS WANTED

PIERCE AND LEWIS COUNTIES, Wash.—Until April 4, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, W. H. Lynch, Dist. Engineer, for constructing the Mt. Rainier National Park (Paradise Section) Resurfacing and Oil Rock Stockpiling Project PEC-1-B, National Park Project, located within the Mt. Rainier National Park, Pierce and Lewis Counties, Washington.

The length of the project is approximately 8.564 miles main line and side roads (3.336 mi. (Parking Areas), and involves:

(1) 1 acre clearing;
(2) 17,800 cu. yds. unclass. excav.;
(3) 14,000 cu. yds. mi. overhaul;
(4) 11.9 mi. fine grading subgrade and shoulders;
(5) 27,000 tons crusher run surfacing course;
(6) 1100 M. gals. watering;
(7) 40 days roller operation ;
(8) 60 cu. yds. salvaging of surfacing
(9) Lump sum, remove masonry walls and railing;
(10) 200 cu. yds. masonry retaining wall;
(11) 100 cu. yds. masonry guard rail Type 2;
(12) 100 cu. yds. repairing masonry retaining walls and guard rail, Type 2;
(13) 6500 lin. ft. 6-in. porous tile underdrain;
(14) 10,400 tons Class A supplemental crushed rock;
(15) 1750 tons Class B do;
(16) 3050 tons Class C do;
(17) 500 tons Class D do;
(18) 1000 tons Class E do;

Plans and specifications obtainable from above office upon deposit of $10.

U S POSTAGE
PAID
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

$1,224,000 Water Project Bids Open April 23

Five State Highway Contracts Advertised

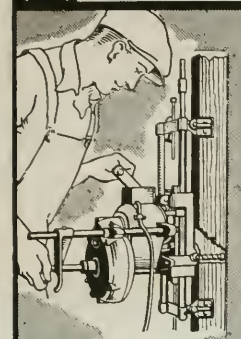
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

PRIL 6, 1935

Vol. XVIII—No. 14

WAPPAT Electric TOOLS



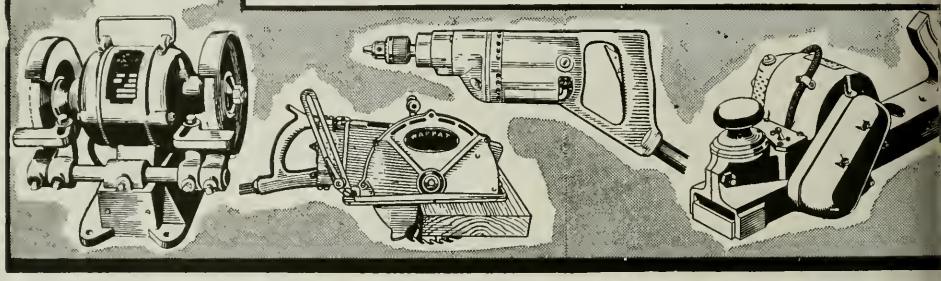
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

G.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., APRIL 6, 1935 No. 14

UREKA WATER SUPPLY SYSTEM BIDS APRIL 23

1,224,000 Project Includes Dam and Supply Line From Mad River

Bids for construction of the $1,-24,000 Mad River water supply sys-m, including a dam across Mad iver, a pipeline from the dam into ureka, and a reservoir in the city, ill be opened Tuesday, April 23, y the Eureka city council.

The project was advertised fol-owing approval of plans and speci-ications last week by the Federal ublic Works Administration.

The bidding schedule separates he work into three units: head-vorks; pipeline, and terminal res-rvoir. Contracts may be let for ny section or for the project com-plete.

The headworks unit includes con-struction of a reinforced concrete lam across Mad River about four iles south of Korbel and 24 miles rom Eureka, an outlet tunnel 2400 eet long, and an access road about even miles long.

The dam will be a variable ra-lius arch type, 130 feet high from foundation to crest and 550 feet long at the crest, and will require about 22,000 cubic yards of con-crete.

The outlet tunnel will be concrete lined and will have a diameter of nine feet. Excavation will be thru rock. An inlet tower above the dam and an outlet portal structure at the other end of the tunnel are in-cluded in the contract.

A portion of the access road will be built over an existing logging railroad right-of-way.

The pipeline unit includes laying a 20-mile pipeline between the out-let tunnel portal and the reservoir site in Eureka, construction of two suspension bridges to carry the line over Mad River, a number of small steel and concrete trestles across gulches, and a tunnel 775 feet in length near Arcata.

The pipeline will consist of 46,100 ft. of 24-in. continuous stave red-wood pipe installed above ground on supports; 39,600 feet of 24-inch and 19,550 ft. of 21-in. lined and con-crete coated steel pipe in trenches; 775 feet of 24-in. pipe in the tun-nel; and short lines of 18- and 12-inch pipe to connect existing por-tions of the distributing and stor-age system in Eureka.

The terminal reservoir unit in-cludes construction of a 5,000,000-gallon reservoir between Harris Wood, K and L streets in Eureka.

C. C. Kennedy, San Francisco, is consulting engineer for the project.

The work will be financed by pro-ceeds of a bond issue, already sold, amounting to approximately $1,000,-000, together with a grant from the PWA of 30 per cent of the cost of labor and materials.

Plans and specifications for the project are on file at Mr. Kennedy's office, 548 Call Building, San Fran-cisco, and at the office of the city engineer, Eureka. Copies are avail-able to prospective bidders at the office of City Clerk A. Walter Kil-dale, Eureka.

OPEN BIDS ON L. A. TUNNEL

LOS ANGELES, April 3.—Low bid for construction of the Fig-ueroa street tunnel between So-lano avenue and Bishops road was submitted today to the Los Angeles Board of Public Works by L. E. Dixon Co., Bent Bros. Inc., and Johnson, Inc., Los An geles, at $366,607. Macco Con-struction Co. bid $367,302 and Shofner & Gordon, $368,767. All three low bids were under the engineers' estimate of $386,441

SEEK CONSTRUCTION OF SUMMER HOMES

A housing campaign to be started immediately under the sponsorship of the San Lorenzo Valley chamber of commerce will have as one aim the construction of new summer homes by lot owners throughout the valley, according to plans laid at a meeting last week in Ben Lomond

Fred Dickinson of Ben Lomond appointed general campaign chair-man, will name committee mem-bers as soon as possible, and ap-plication will be made to SERA for workers to canvass San Lorenzo Valley property owners. The can-vass will be supplemented by a mail campaign to communicate with absentee owners of building lots throughout the valley.

$800,000 WORK PLANNED AT HAMILTON FIELD

Buildings and Field Improve-ments to be Contracted With New Appropriation

Construction at Hamilton Field to cost $800,000 can be started as soon as funds are available, accord-ing to Capt. H. B. Nurse, construct-ing quartermaster. An appropria-tion for completion of the field is expected from the four-billion-dolla: federal public works bill.

Six buildings to cost $306,000 are to be placed under contract as soon as money is allotted.

Captain Nurse lists the following work ready to be started:

Post Exchange	$ 50,000
Service Club	54,000
Gymnasium and Theater	85,000
Bakery	17,250
Chapel	60,000
School	40,000
Landing field mat extension & paved aprons	250,000
Hangar Fire Protection System	234,000

The Post Exchange will be a one-story building of early California architecture, built around a central patio with a fountain and prome-nade.

The Service Club will be the so-cial center for enlisted men and non-commissioned officers.

A seating capacity of 600 is plan-ned for the theater, which will be in the same building with a modern gymnasium, fully equipped for bas-ketball and other sports.

The Chapel is planned to seat 252. Provision is made for Sunday school rooms and church social ac tivities.

The school is planned to accom modate 105 pupils in classes up to the sixth grade.

MARCH BUILDING IN SANTA CRUZ $35,327

Seventy building permits for work to cost $35,327 were issued in Santa Cruz during March, accord-ing to Building Inspector Clayton Staples. Permits included nine new residences to cost $16,300 and 21 for remodeling and repairs on resi-dences to cost $5380.

Highway Commission Advertises Five Contracts; Four in Southern Counties

SACRAMENTO, April 2.—Four Southern California construction contracts were ordered advertised for bids to be received April 25, today by the State Highway Commission. The bids will be opened in Los Angeles. The commission will receive figures April 24 in Sacramento for improvements on the Redwood Highway route through the towns of Ukiah and Willits in Mendocino county.

Following are the contracts to be let:

Mendocino County: In Ukiah between Mill street and the northerly city limits and in the town of Willits between Broaddus Creek and the northerly line of the Nothwestn Pacific Railroad right-of-way, a total of about one and three-tenths miles to be surfaced with retread surfacing.

Orange County: In Santa Ana between Seventeenth street and Fairhaven avenue, about one and one-tenth miles to be graded and paved with portland cement concrete or asphalt concrete.

Orange County: A reinforced concrete girder bridge to be constructed across Trabuco creek, two miles north of San Juan Capistrano, consisting of three 48-ft. spans and two 15-ft. cantilever spans on concrete piers, including grading and paving approaches.

San Diego County: Between one mile east of Barrett and Tecate road, about two and eight-tenths miles to be graded and treated with liquid asphalt.

San Bernardino County: In Redlands at Third and Eighth streets, about six hundred lineal feet of reinforced concrete box storm drain to be constructed.

WEEK'S MODERNIZATION LOANS NEAR $2,000,000

The estimated total amount of modernization and repair work reported by field offices of the Federal Housing Administration in all parts of the country as chiefly renewed interest in better housing, totaled $319,255,563 on March 23. This is an increase of $7,485,808 for the week.

The total amount advanced under the Modernization Credit Plan by financial institutions up to Mar. 23 was $47,731,064, an increase of $1,962,577 for the week. That total covers 112,980 approved applications, an increase of 4,628 for the week.

Twelve thousand nine hundred ninety - nine insurance contracts have been issued to financial institutions up to March 23 entitling them to extend modernization credit. This represents an increase of 161 for the week. There were 6,-ed or in the process of organization, which is an increase of 126 over the previous week's total.

Sales of mechanical stokers for residential use during January numbered 1.241, as compared with 660 during January last year, according to the Bureau of the Census by 84 manufacturers.

TWO FEDERAL ROAD PROJECTS OUT FOR BIDS

San Diego Forest Highway and Kingman-Boulder Section To Be Contracted

Proposals for about 6.8 miles of highway grading and subgrade reinforcement in San Diego county will be opened April 18 in San Francisco by C. H. Sweetser, district engineer for the U. S. Bureau of Public Roads.

Location of the work is Section C of Route 73, the Laguna National Forest Highway, Cleveland National Forest.

Major bidding items will inclr 231,000 cubic yards unclassified ex cavation; 1,073,000 station yards overhaul; 48,500 cubic yards miles of hauling subgrade reinforcement; 2-756 feet of corrugated metal pipe, and 13,200 feet of protection ditch.

On April 16, the Phoenix, Ariz., office of the Bureau of Public Roads will receive bids for grading a portion of the Kingman-Boulder Dam highway in Mohave county, Ariz. The work is designated as Section E of Federal Lands Highway Project No. 2, Kingman-Boulder Dam.

Principal bidding items include 63,200 cubic yards unclassified excavation; 4,900 cubic yards excavation for borrow; 9,200 station yards overhaul; 917 cubic yards Class A concrete; 81,000 pounds reinforcing steel; 948 feet of corrugated metal pipe and finishing 4.7 miles of earth graded road.

VALLEJO CAMPAIGN NEARS COMPLETION

Workers in the Vallejo better housing drive will start a concerted campaign for improvement pledges in the city's business district this week, according to Jess Bringham, in charge of campaign headquarters. Pledges received from the residential district thus far total $282,-118.

The campaign will be completed about April 15, according to J. E. Fuller, general chairman. Most of the work remaining to be done consists of re-checking territory in which property owners were missed during the original drive.

ALL-AMERICAN CANAL SECTION BIDS APRIL 2!

Contract Will Involve Remova Of 11,261,000 Yards Of Material

Bids for earthwork for the Al American Canal between statio 1860 and 3090 plus 75, the sectio west of the sandhills, will be o ened April 25 at the Yuma, Ariz office of the U. S. Bureau of Reclamation.

The work will require approx mately 11,261,400 cubic yards of e cavation and is located from 1 miles west to 43 miles southwes of Yuma, and from 10 miles eas to 35 miles northeast of Calexico California.

Work on the All-American Cana a portion of the Boulder Canyo Project, is proceeding rapidly About 30 miles of the canal betwee stations 245 and 1860 is now bein constructed under contract by W E. Callahan Construction Company Herman Gunther and P. J. Shirle of Dallas, Texas. Their bid for th work was $4,859,587. Griffith Com pany of Los Angeles has a contrac for construction of about 1750 fee of the canal between station 114 plus 50 and station 1148 plus 50 and between stations 1161 and 117 plus 50, their proposal for this worl being $226,800.

Bids originally were taken for smaller section, between station 1130 and 1860, but were rejected as too high, and the work when re-ad vertised included the entire 30-mil section.

Construction by force-account o 13 miles of the canal, extending from a point north of Calexico t the westside main has been au thorized by Secretary of the Inte rior Harold L. Ickes. Work is un derway at present on a seven-mile section west of Calexico, the bal ance of this portion of the project awaiting final decision on the prob lem of routing the canal through the city. Cost of the force-account section of the canal is estimated at approximately $1,000,000.

The levee section and canal from the Imperial Dam site to station 245 should be ready for advertising this month, according to the Reclamation Bureau.

Due to the necessity for additional field work, it will be several months before the Imperial Dam and de-silting works will be ready for bids.

Construction of three large box concrete siphons to carry the canal under washes will be started this fall, according to the Bureau.

A bond issue of $300,000 for repaving streets and constructing storm sewers in the city of Vallejo was approved at a special election Tuesday. The bonds carried by a margin of 21 votes, according to unofficial tabulation of ballots.

]. T. LESURE LOW BIDDER ON TUNNELS

:ven Contractors Offer Proposals For Bores to Carry Water Supply Line

A low bid of $171,170 was sub itted by E. T. Lesure, 87 Ross Cir-e, Oakland, yesterday to the Pub- Utilities Commission for con-ruction of the Crystal Springs pe line tunnels, a portion of the WA construction program of the in Francisco Water Department. Following are the bids received r the combination of Schedules and B:

T. Lesure, Oakland	$171,170
arrett & Hilp, S. F.	211,104
udall Const. Co., S. F.	215,262
acDonald & Kahn Co., Ltd., San Francisco	217,483
ise Const. Co., Inc., L. A.	219,736
. A. Bechtel, San Francisco	255,690
ias. Harney, San Francisco	269,348

Bids were taken also for the ork under separate schedules, ith the option of awarding a por-on to each contractor. Lesure's d also was low on each section. arrett & Hilp, second low bidder, d only on the combination award. The tunnels will carry a supply ne from the Crystal Springs res-'voir in San Mateo county to Uni-ersity Mound reservoir in San rancisco. Schedule A is for con-ruction of one tunnel 1429 feet length and one 334 feet in length, oth in San Mateo county. Sched-le B is for construction of one tun-el 2287 feet in length in San Fran-isco county. Both are to be lined ith steel pipe and concrete.

To Open Proposals April 22 on Three Daly City Schools

New bids for construction of the efferson, Woodrow Wilson and 'rocker schools in Daly City have een asked by the Jefferson School District. Proposals will be opened April 22.

Bids previously were opened on March 4, at which time Leo Epp, San Francisco, submitted the low-st figure for the work, his proposal eing $74,447. All bids were reject-d by trustees of the school district.

The buildings, according to plans prepared by Architect Albert F. Roller, will be one-story frame and stucco school units. Each will contain six classrooms, a principal's office and a lunch room.

Funds from a special bond issue, together with a grant from the Fed-eral Public Works Administration, will finance the work.

Plans and specifications are avail-able from the architect or from W. J. Sweeney, clerk of the school dis-trict, upon deposit of $50.

$3,446,000 State Highway Money Available Feb. 28

The state of California had $3,-446,550 available in unexpended funds for highway construction at the end of February from its ap-portionment of the 1935 Federal emergency appropriation, according to the U. S. Bureau of Public Roads. This amount represents about 43 per cent of the $7,932,206 allotted to this state by the act of June 18, 1934. Status of the Cali-fornia program, February 28, was reported as followa:

	Mileage	Amt.
Under Construction	120.9	$2,995,838
Approved for Const.	83.5	1,489,818
Balance Available for New Projects		3,446,550

Sums unexpended from the 1935 fund in other western states as of February 28, were:

Arizona	$1,055,125
Colorado	277,685
Idaho	1,108,131
Montana	378,453
Nevada	1,113,791
New Mexico	870,208
Oregon	467,115
Utah	475,018
Washington	645,223
Wyoming	429,811

State Suspends Nine Licenses; Revokes Three

During February nine contrac-tors' licenses were suspended, three were unconditionally revoked, and one applicant was denied a license following formal hearing, according to the monthly report of State Reg-istrar of Contractors Carlos W. Huntington.

Formal complaints pending at the first of the month totaled 36, this number being cut down to 24 at the close of the period. During the month 25 cases were cleared from the calendar, a total of 21 formal hearings were held, and 32 informal complaint cases were settled.

Charges of evading registration were filed by the Contractors' Li-cense Bureau against nine contrac-tors during February. Prosecutions cases completed during the month resulted in nine convictions. In most cases sentences were suspend-ed under orders of the court to comply with the laws, the regis-trar reported.

In 32 informal complaint cases, which involved approximately $15,-000, settlement was effected by field agents of the Bureau without preferring charges. In four infor-mal complaint cases settlement had not been effected at the close of the month

One contractor was reinstated during February, according to the report.

MARINA PRESSURE PIPE EXTENSION BIDS APRIL 10

City Sets Date For Figures On First Contract In North District

Bids for installing Section A of the Marina District Extension to San Francisco's high-pressure fire protection mains will be opened by the Department of Public Works April 10.

Cost of the work under the con-tract now out for bids is estimated at approximately $104,000. Sections B and C, for which plans are now being prepared by City Engineer John J. Casey, will cost about $37,-000 and $139,000 respectively, ac-cording to preliminary estimates, the total estimated cost of the Ma-rina District Extension being $280,-000.

A total of 19,659 feet of bell and spigot pipe, 84 gate valves and 40 standard high-pressure hydrants, to be furnished by the city, will be in-stalled in Section A. Other major items in the contract are 97,027 pounds of pig lead; 53,228 pounds of cast iron special castings; 33,-948 pounds of manhole and valve box cast iron frames, covers and dust pans; 10,050 cubic yards exca-vation and backfill; 48,427 square feet of asphalt concrete pavement, and furnishing and installing 67 tons of bell and spigot pipe.

The Marina District Extension is a portion of the work financed by the city's $2,000,000 high-pressure main extension bond issue and a $460,000 grant from the Federal Public Works Administration.

Plans and specifications for the portion of the work on which bids have been asked are available at the office of the city engineer upon deposit of $10.

GAS TAX REVENUES INCREASE NEARLY 10%

Continuing an upward trend be-gun last December, gasoline taxes assessed to California oil companies for February total $3,063,237.07, or $268,109.43 more than the corre-sponding figure for the same month a year ago. This is a gain of 9.5 per cent.

Fred E. Stewart of the State Board of Equalization, who report-ed the increase, said:

"California gasoline tax returns for 1935 already surpass those for the same period of last year by more than $670,000. This marks a gain of 12.5 per cent.

"If such a ratio of increase is con-tinued throughout the remainder of 1935, the gasoline taxes collect-ed this year will exceed those for the last year by $4,950,000. This would make a total of $44,500,000 for the year."

Carcano, Jones & King, Immel Submit Low Bids on State Highway Contracts

SACRAMENTO, April 3.—Bids on three contracts for highway and bridge construction were opened here today by the State Highway Commission.

John Carcano, 122 Clarinda Ave., San Rafael, submitted a low bid of $32,781 for construction of a reinforced concrete bridge across the North Fork of the North Fork of Yuba River at Downieville, Sierra county. Lord & Bishop, Sacramento were second low bidders, with a figure of $40,749.

The bridge will consist of two 40-ft., two 31-ft. and two 9-ft. spans on concrete piers. Grading of roadway approaches is included in the contract.

Total bids were as follows:

John Carcano, San Rafael	$32,781
Lord & Bishop, Sacramento	40,749
Chas. Kuppinger, Lakeport	40,999
A. H. Voght, San Francisco	42,682
Bodenhammer Const. Co., Oakland	48,914

Jones & King, Hayward, submitted the lowest proposal for grading and paving about six-tenths of a mile in the city of Hayward, Alameda county. Amount of the low bid was $24,389. Only two other bids were received for this work. Union Paving Co., San Francisco, bid $26,240, and Hanrahan-Wilcox Corp., also of San Francisco, submitted a proposal of $27,896.

For planing about one and nine-tenths miles of existing surfacing, filling rail trenches and applying plant mixed surfacing in Hayward, Lee J. Immel, 1031 Evelyn street, Berkeley, was low bidder, at $14,176.

The work includes planing about 10,050 sq. yds. of existing pavement and placing 2,900 tons mineral aggregate and 125 tons liquid asphalt in plant mixed surfacing.

Total bids were as follows:

Lee J. Immel, Berkeley	$14,176
Jones & King, Hayward	14,177
Ransome Co., Emeryville	14,245
United Contr. Co., Portland, Oregon	15,262
Hanrahan-Wilcox Corp. S. F.	16,697
Union Paving Co., S. F.	16,826

MEMBERS ELECTED BY S. F. EXCHANGE

Election of new members to the San Francisco Builders' Exchange during March is announced as follows: American Electric Construction Co., 462 Bryant street; John Gordon Hecker, real estate and insurance, 415 Mills Building; Chas. A. Langlais, electrical contractor, 472 Tehama street; Robt. F. Smith Co., roofing contractors, 61 Pentina street; Sunset Tile Co., 2219 Irving street.

FOUR-FIFTHS OF BUILDERS' SHOW SPACE RESERVED

Exposition Will Be Revival of Mechanics' Fair A.I.A to Hold Convention

Eighty per cent of the exhibit space for San Francisco's annual Building Exposition, to be held in the Civic Auditorium May 4 to 12, inclusive, already has been reserved, according to the statement today of H. N. Patterson, chairman of the auditorium and exhibit committee of the San Francisco Builders' Exchange.

The exposition will be a revival of the old Mechanics Fair discontinued after the disaster of 1906. It is being arranged under the sponsorship of the Builders' Exchange as that organization's contribution toward the success of the National Housing Act.

At the same time the Builders' Exchange feels that the exposition will fill a vital need of the building industry and is allied crafts and trade by drawing the attention of the public to the materials and services of that industry and thereby increasing the public interest in building.

During the nine days of the exposition there will be a score of important conventions of various branches of the building industry. Outstanding among these will be the annual convention of the Northern California Division American Institute of Architects on the opening day of the exposition.

Leading architects from all parts of northern California will participate in this meeting following which they will gather at a banquet to be held at one of the large down town hotels in the evening.

The architects are holding their biennial exhibits in connection with the exposition, having been accorded 4,000 square feet of space in the auditorium balcony.

The exhibits will consist of models, drawings, paintings and photograph of fine examples of architecture in northern California.

Other conventions that will be held during the exposition will be those of the Apartment House Owners' Association, the California State Builders' Exchange and similar groups.

Larkin Hall adjoining the main auditorium has been set aside for convention activities and every facility will be provided for the convenience of groups and organizations meeting in connection with the exposition.

OAKLAND PORT TO LET $159,000 DOCK CONTRACT

Commission Sets April 15 As Date For Receiving Bids On PWA Project

Oakland Port Commission will receive bids April 15 on a contract for construction of a 300-foot extension to dock facilities in the northern industrial area of the waterfront. The commission has available $159,000 in its own funds and a grant from the Public Works Administration.

Construction includes a concrete bulkhead wall, two shipside railroad tracks and two depressed tracks, creosoted timber apron, to be located at the rear. The dock will be asphalt surfaced.

The contract will adjoin construction to be undertaken with day-labor furnished by SERA. The SERA project will involve construction of 840 feet of concrete bulkhead wall. There has been $160,000 allotted for labor and the commission is purchasing materials.

Code Authority Issues Ruling On Bid Practices

The Construction Code Authority has issued a revision of Explanation No. 12 relating to competitive bidding practices as regulated by Article VII, Section 10, of the basic code.

The explanation follows:

Under the Code a General Contractor does not have the right to invite new subcontract bids on parts of the work by either combining certain items previously bid upon as separate items or separating certain items previously bid upon as one item, except that all previous bids for the work involved have been rejected and ninety days have elapsed from the date of such rejection.

Advice is requested as to whether a general contractor has the right to invite new subcontract bids on parts of work by either combining certain items previously bid upon as separate items or separating certain items previously bid upon as one item.

Section 10 of Article VII contemplates the rejection of all bids and the elapse of ninety days before new bids may be invited or submitted. It is, therefore, clear that the general contractor must reject all bids for the work involved and permit the elapse of ninety days before he can invite new ones, even although the new bids are based upon combination or separation of items previously bid upon. Such combination or separation does not constitute a substantial change in the plans and/or specifications as is contemplated in this section.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
59	Stelling	Malloch	4000
60	Johnson	Owner	3000
61	Gilmore	Horstmeyer	1075
62	Anglo	Owner	1800
63	Norton	Malloch	3000
64	Hartwell	Owner	3000
65	Richmond	Janssen	3000
66	Peisino	Owner	1000
67	McMenomy	McCarthy	3000
68	Harrison	Isaac	8500
69	Recreation	——	25000
70	Lindsay	Owner	3000
71	Christensen	Owner	3500
72	Christensen	Owner	3500
73	Murphy	Mattock	3000
74	Dohrmann	Wagner	1000
75	Johnson	Owner	3000
76	Fielding	Lindgren	1000
77	Johnson	Owner	3000
78	Fella	Lindsay	3400
80	Sbarboro	Owner	3500
81	Standard	Lindgren	8500
82	Lobsien	Owner	1000
83	Sharboro	Owner	8000
84	Johnson	Owner	8000

STORE
(259) SE MISSION and Acton; one-story frame store.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Plans by Safeway Stores Engineering Dept., 1000 Brannan Street.
Contractor—J. S. Malloch, 666 Mission Street. $4,000

DWELLING
(260) E ALEMANY 177 N Admiral; one - story and basement frame dwelling.
Owner—N. E. Johnson, 666 Mission St.
Architect—Not Given. $3,000

ALTERATIONS
(261) 360 GOLDEN GATE AVE.; alter garage.
Owner—Don Gilmore, Golden Gate Avenue and Hyde St.
Architect—Not Given.
Contractor—Wm. Horstmeyer, 31 Ord. $1,075

ALTERATIONS
(262) 24 BLUXOME; alter factory.
Owner—Anglo California Natl. Bank, 1 Sansome Street.
Architect—Not Given.
Mgr. of Const.—F. C. Williams Co., 209 Post Street. $1,800

ALTERATIONS
(263) 620 O'FARRELL STREET; alter rooming house.
Owner—Lewis M. Norton, Russ Bldg.
Engineers—Ellison & Russell Pacific Building.
Contractor—J. S. Malloch, 666 Mission Street. $3,000

ALTERATIONS
(264) N WALLER 115 E Webster; alter dwelling.
Owner—E. V. Hartwell, 3814 Army.
Architect—John H. Ahnden, 822 39th Avenue. $3000

STORES & APT.
(265) S IRVING 57 W 25th Ave.; one-story frame stores and apt
Owner—Richmond Realty Co., 625 Hearst Building.
Plans by Mr. Janssen.
Contractor—E. A. Janssen, 625 Hearst Building. $3,000

ALTERATIONS
(266) 1303 PALOU; alter dwelling.
Owner—Clemente Peisino, premises.
Architect—Not Given. $1,000

DWELLING
(267) N DANVERS 107 W Falcon; one - -story and basement frame dwelling.
Owner—J. McMenomy, care contractor.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Avenue. $3,000

FLATS
(268) W FILLMORE 100 N Beach; two - story and basement frame flats.
Owner—A. B. Harrison and H. H. Traxler, care contractor.
Architect—Sidney A. Colton, 544 Market Street.
Contractor—H. H. Isaac, 517 Belvedere. $8500

ALTERATIONS
(269) OCEAN AND SAN JOSE AVES (Balboa Park). Alter park bldgs.
Owner—Recreation Commission, 370 City Hall, San Francisco.
Architect — Wm. G. Merchant, Russ Bldg., San Francisco.
Contractor—Not Given. $25,000

DWELLING
(270) S TINGLEY ST. 75 W Alemany St. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(271) W EIGHTEENTH AVE. 175 S Vicente St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., S. F. $3500

DWELLING
(272) W EIGHTEENTH AVE. 200 S Vicente St. One-sttory and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th San Francisco. $3500

ALTERATIONS
(273) No. 2950 VALLEJO ST. Alter dwelling.
Owner—A. Murphy, % Contractor.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco. $3000

ALTERATIONS
(274) NO. 416 TOWNSEND STREET Alter warehouse.
Owner — Nathan Dohrmann Co., % Contractor.
Architect—Frederick Meyer, 525 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 181 Sou'h Park, S. F. $1000

DWELLING
(275) E EIGHTEENTH AVE. 175 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave. San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(276) NE GEARY AND MASON STS. Alter hotel.
Owner—Fielding Hotel, J. D. Grant, 386 Geary St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $1000

DWELLING
(277) E EIGHTEENTH AVE. 200 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(278) E LONDON ST. 50 N Italy Ave. One-story and basement frame dwelling.
Owner—C. F. Fella, 685 London St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $3400

DWELLING
(279) W FOURTEENTH AVE 100 S Taraval St. One-story and basement frame dwelling.
Owner—J. Freitas, % Contractor.
Architect—D. Jaekle, 126 Post St., San Francisco.
Contractor—A. J. Herzig, 625 Victoria St., San Francisco. $3000

DWELLING
(280) S BEACH ST. 105 E Fillmore St. One-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Nont Given. $3500

ALTERATIONS
(281) NO. 225 BUSH ST. Alter offices.
Owner—Standard Oil Co., Premises.
Architect—Geo. W. Kelham, 315 Montgomery St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $8500

ALTERATIONS
(282) NO. 233 UPPER TERRACE. Alter dwelling.
Owner—Mrs. E. Lobsien, Premises.
Architect—Not Given. $1000

DWELLING
(283) S BEACH ST. 130 E Fillmore St. Three-story and basement frame dwelling.
Owner — Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

FLATS
(284) N BAY ST. 180 E Fillmore St. Two-story and basement frame flats.
Owner—Peder P. Johnson, 1750 Bay St., San Francisco.
Architect—Not Given. $8000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
177	Oakland	Owner	9000
178	Berkeley	Owner	3900
179	Berkeley	Owner	1350
180	Lincoln	Owner	5000
181	Williamson	Waring	1500
182	Walker	Owner	3750
183	Lohmann	Grubb	3100
184	Bell	Owner	2850
185	Continental	Austin	4100
186	American	Kelly	23000
187	Waldman	Owner	6400
188	Pleitner	Watson	3500
189	Snyder	Atkinson	4500
190	Parker	Stillberg	6000

LIBRARY
(177) 4231 PARK BLVD., **OAKLAND**; one-story 3-room library.
Owner and Builder—Oakland Free Library, 14th and Grove Sts., Oakland.
Architect—Newsom & Newsom, Russ Bldg., San Francisco. $9000

ALTERATIONS
(178) GARFIELD SCHOOL, **BERKELEY**; alterations.
Owner & Contractor—Berkeley Board of Education, 2325 Milvia St.
Architect—Not Given. $3900

ALTERATIONS
(179) BERKELEY HIGH School; alterations.
Owner & Contractor—Berkeley Board of Education.
Architect—Not Given. $1350

STORE
(180) 1296 SAN PABLO AVE., **BERKELEY**; two-story 2-room store.
Owner & Builder—K. L. Lincoln, 1309 Stannage Ave., Berkeley.
Architect—Not Given. $5000

ADDITION
(181) 1030 BAY VIEW AVE., **OAKLAND**; addition and alterations.
Owner—T. B. Willamson, 1030 Bay View Ave., Oakland.
Architect—Not Given.
Contractor—Archie Waring, 3234 Prentiss St., Oakland. $1500

DWELLING
(182) 952 HILLDALE, **BERKELEY**; two-story 6-room frame dwelling.
Owner and Builder—J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $3750

DWELLING
(183) 1815 105th AVE., **OAKLAND**; two-story 5-room dwelling and 1-story garage.
Owner—G. Lohmann, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $3100

DWELLING
(184) NO. 1409 ADA ST., **BERKELEY**. One-story five-room frame dwelling.
Owner — C. M. Bell, 2124 McKinley St., Berkeley.
Architect—L. H. Oliver, Rice, Calif. $2850

GARAGE
(185) NO. 5603 SAN LEANDRO ST., **OAKLAND**. One-story tile garage.
Owner—Continental Can Co., Prem.
Architect—Not Given.
Contractor—The Austin Co., 516 18th St., Oakland. $4100

FOUNDRY
(186) B STREET, Parr Terminal, **OAKLAND**. One-steel foundry.
Owner — American Manganese Steel Co., Premises.
Architect—Not Given.
Contractor—Kelly & Tullach, 335 8th St., Oakland. $23,000

DWELLINGS
(187) NO. 2933-2939 SIXTY-SECOND Ave., **OAKLAND**. Two one-story 5-room dwellings and garages.
Owner—A. E. Waldman, 3424 Haley Ave., Oakland.
Architect—Not Given. $3200 each

DWELLING
(188) NO. 3661 THIRTY-FIFTH AVE. **OAKLAND**. One-story five-room dwelling.
Owner — H. A. Pleitner, 4020 E-14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $3500

DWELLING
(189) NO. 514 GRIZZLY PEAK BLVD **BERKELEY**. Two-story 5-room frame dwelling and garage.
Owner — E. L. Snyder, 210 Shattuck Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st Ave., Oakland. $4500

DWELLING
(190) NO. 65 ARDEN ROAD, **BERKELEY**. Two-story 6-room frame dwelling and garage.
Owner—A. E. Parker.
Architect—Not Given.
Contractor—W. T. Stillberg, 1 Orchard Lane, Berkeley. $6000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
64	Barrows	Deemer	144
65	Kruger	Demarais	2399
66	Harrison	Isaac	10022
67	Heyman	Lindsay	3700
68	Heyman	Lindsay	4475
69	Cirelli	Smith	2392
70	Zerbe	Reliable	134

ALTERATIONS
(64) NO. 711 TWENTY-SECOND Ave. Exterior painting and roof repair to dwelling.
Owner—D. M. and Harriet S. Barrows Premises.
Architect—Not Given.
Contractor—Deemer & Deemer Co., 60 Hazelwood Ave., San Francisco.
Filed Mar. 28, '35. Dated ——.
HOLC Contract.
TOTAL COST, $144.50
Bond, $72.25. Surety, National Surety Corp. Limit, forfeit and plans, none; specifications, yes.

ALTERATIONS
(65) NO. 1238 CHESTNUT STREET All work for alterations to dwelling.
Owner—Anita E. and Carl F. Kruger, Admrs. of Estate Ellen Kruger, decd., 1236 Chestnut St., S. F.
Architect—Not Given.
Contractor—B. W. Demarais & Sons, 732 Page St., San Francisco.
Filed Mar. 28, '35. Dated Mar. 27, '35.
Roof on 25%
1st coat plaster on..... 25%
Usual 35 days..... 50%
TOTAL COST, $2399.58
Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none

FLATS
(66) W FILLMORE ST. 100 N Beach St. All work for two-story and basement frame flats.
Owner—A. B. Harrison and Henry H. Traxler, 544 Market St., S. F.
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 1738 Page St., San Francisco.
Filed Mar. 28, '35. Dated Mar. 14, '35.
Roofed and closed in.....$2505.62
Brown coat plaster on..... 2505.62
When completed 2505.62
Usual 35 days..... 2505.62
TOTAL COST, $10,022.50
Bond, $5000. Surety, Eureka Electric Co., per A. H. Biber. Limit, 110 working days. Forfeit, plans and specifications, none.

DWELLING
(67) W DUNSMUIR 130 N Silver; one - story and basement dwelling.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed Mar,. 29, '35. Dated, Mar. 23, '35
When flat roof completed.....$ 925
When brown coated 925
Completion 925
Usual 35 days 925
TOTAL COST, $3700
Forfeit, $10 a day. Limit, 90 working days. No plans or specifications filed.

DWELLING
(68) E 27th AVE 75 S Cabrillo; one-story and basement dwelling.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed Mar,. 29, '35. Dated, Mar. 23, '35
When flat roof is completed....$1120
Brown coated 1120
Completion 1120
Usual 35 days 1115
TOTAL COST, $4475
Forfeit, $10 a day. Limit, 90 working days. No plans or specifications filed.

ALTERATIONS
(69) NO. 1402 KEARNY ST. All work for remodeling apartments.
Owner—Carmelo Cirelli, Prospero Circelli, Rachele Sarubbi, et al, 1402 Kearny St., San Francisco.
Architect — Oscar R. Thayer, 1120 Union St., San Francisco.
Contractor—M. Smith and Daniel Hayes, 1657 Market St., San Francisco.
Filed April 2, '35. Dated —, '35.
Partitions in place and plumbing roughed in .....$ 600
Plastering and carpentry work finished 600
When completed 592
Usual 35 days..... 600
TOTAL COST, $2392
Bond, $2392. Surety, General Casualty Co. of America. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(70) No. 28 CORDOVA ST. All work for painting exterior of dwelling.
Owner—Maude V. Zerbe, Guardian of Estate of Charles Zerbe.
Architect—Not Given.
Contractor — Reliable Painting Co., 3247 19th St., San Francisco.
Filed April 2, '35. Dated Mar. 26, '35.
HOLC Contract .....
TOTAL COST, $134.25
Bond, $134.25. Surety, Massachusetts Bonding & Insurance Co. Limit, 12 calendar Days. Forfeit, none. Plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
18	Hiller	Cederberg	27140

DWELLING
(18) LOCATION NOT GIVEN; two-story frame dwelling and garage.
Owner—Stanley Hiller, 2847 Russell St., Berkeley.
Architect—J. Knox Ballantine, Jr.
Contractor—A. Cederberg, 1455 Excelsior Ave., Oakland.
Filed Mar. 29, '35. Dated Mar. 18, '35
Progress payments 5th each month 75%
Usual 35 days.....balance
TOTAL COST, $27,140
Limit, Aug., 1935. Plans and Specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments	Offices
2.—Bonds	11.—Ice and Cold Storage Plants
3.—Churches	12.—Power Plants
4.—Factories and Warehouses	13.—Public Buildings, Fire Houses and Jails
5.—Flats	14.—Residences
6.—Garages and Service Stations	15.—Schools
	16.—Banks, Stores and
7.—Federal Buildings.	17.—Theatres
	18.—Wharves & Docks
8.—Club Buildings	19.—Misc. Const.
9.—Hospitals	20.—Misc. Supplies &
10.—Hotels	

1— APARTMENTS

Contract Awarded.
ALTERATIONS Cost, $2,392
SAN FRANCISCO, 1102 Kearny St.
Alterations to apartments.
Owner—Carmelo Cirelli, P. Cirelli and Rachele Sanubbi.
Architect—Oscar R. Thayer, 1120 Union Street.
Contractor—M. Smith and D. Hayes, 1657 Market Street.

3— CHURCHES

Site Selected.
CHURCH Cost $——
SANTA CRUZ, Santa Cruz Co. Cal. SW Locust and Mission Streets (165x140 feet).
New church building.
Owner—Messiah Lutheran Church of Santa Cruz (W. E. Menzel, pastor)
Architect—Not Selected.
Following were appointed on a committee to devise means of raising funds.

4— FACTORIES & WAREHOUSES

To Ask Bids Within A Few Days.
WAREHOUSE Cost $30,000
SACRAMENTO, Sacramento Co., Cal. Sixth and Q Streets.
One-story brick and concrete warehouse (160x160 ft.) concrete floors, composition roofing, etc.
Owner—Dallman Supply Co., Sacramento.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Planned.
INDUSTRIAL PLANT Cost, $—
MARTINEZ, Contra Costa Co., Cal. Martinez Waterfront.
Industrial plant (work will involve wharf; spur track, roads, etc.)
Owner — Henry Kirschman, Federal Reserve Bank Bldg., San Francisco.
Engineer—To Be Selected.
Proposed work is in a very preliminary stage.

Contracts Awarded.
CANNERY Cost, $150,000
STOCKTON, San Joaquin Co., Cal. Stockton Industrial District.
Three-story structural steel and galvanized iron cannery (80x200 ft.)
Owner—Aron Hershel, Stockton.
Plans by Golden Gate Iron Works, 1247 Harrison St., San Francisco.
Structural Steel — Golden Gate Iron Works, 1247 Harrison St., S. F.
Evaporators—Oakland Copper & Brass Works, 1346 7th St., Oakland.

Cannery Machinery—Food Machinery Corporation, 70 Pine St., S. F.

Planned.
PLANT Cost, $100,000
AVON, Contra Costa Co., Cal. Associated Oil Plant.
Lubricating unit at refinery and addition to pressure distillate stabilizing unit.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SHOP Cost, $4000
SAN FRANCISCO, 5 Zeno Place.
Steel and corrugated iron forge shop.
Owner—Hawley Forge Co., premises.
Engineer—G. A. Fisher, 141 Beale St.
Contractor—Western Iron Works, 141 Beale Street.

To Be Done By Day's Work.
SALES ROOM, ETC. Cost, $5000
BERKELEY, Alameda Co., Cal. Gilman and San Pablo Ave.
Two-story salesroom bldg. for building materials and one-story shed in rear.
Owner—H. Lincoln & Sons, 2201 East 14th St., Oakland.
Engineer—J. H. Piatt, 2024 University Ave., Berkeley.

Construction To Start Shortly.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, 24 Bluxome.
Alterations to factory.
Owner—Anglo California Nat'l Bank, 1 Sansome Street.
Architect—Not Given.
Mgr. of Const.—F. C. Williams Co., 209 Post Street.

Construction To Start In One Week.
ALTERATIONS Cost, $7500
SAN FRANCISCO 942 Howard St.
Alterations and additions to printing plant (add one story to the present structure, new fire doors, skylights, etc.)
Owner—George Zett.
Engineer—Jas. H. Hjul, 128 Russ St.
Lessee—E. J. Cardinal.
Mgr. of Const.—James H. Hjul.

Planned.
FACTORY Cost, $10,000
FRESNO, Fresno Co., Cal. SW G and Ventura Streets.
One-story factory (15x150 ft.); frame and stucco construction.
Owner—Kerr Rug Manufacturing Co., (F. F. Kerr, President).
Architect—Not Given.

Contract Awarded.
PACKING PLANT Cont. Price, $12,638
SANTA CLARA, Santa Clara Co., Cal.
Two-story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.

Contract Awarded.
ADDITION Cont. Price, $67,869
Stockton Harbor.
Addition to grain terminal (144,000 sq. ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner—Port of Stockton Grain Terminal Assn. (Eugene B. Wilkinson, President) Stockton.
Plans by O. H. Chain, 41 E. Sutter St., Stockton.
Contractor—Trewhitt - Shields Co., 1501 Pacific Southwest Building, Fresno.

Planned.
PULP MILL Cost, $4,000,000
EVERETT, Washington.
Pulp mill (1500 ft. long, 150 ft. wide).
Owner—F. R. T[illegible] Tacoma Bldg., Tacoma, general manager for the owners.
Engineer—O. C. Shoenwerk, owner.
Contractor—[illegible] & Greig, Hutton Bldg., Spokane.
Preliminary work of preparing the site is underway by the American Pile Driving Company.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO, Berry St., bet. Third and Fourth Sts.
Alterations to warehouse (work involves plastering and tiling).
Owner—Southern Pacific R. R. Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.

Contracts Awarded.
CANNERY Cost, $150,000
STOCKTON, San Joaquin Co., Calif. Stockton Industrial District.
Three-story structural steel and galvanized iron cannery (80x200 ft.)
Owner—Aron Hershel, Stockton.
Plans by Engineering Dept. of Owner (R. H. Matheson, engineer).
Structural Steel — Golden Gate Iron Works, 1541 Howard Street, San Francisco.
Evaporators—Oakland Copper & Brass Works, 1346 7th St., Oakland.
Cannery Machinery — Food Machinery Corp., 70 Pine St., San Francisco.

CONSTRUCTION TO START SHORTLY
SAN DIEGO, Cal.—L. B. Norman, 1034-B 17th St., Santa Monica, will start work shortly on erection of a manufacturing plant at 3202 Atlantic St., San Diego, for the Consolidated Aircraft Corp., 2050 Elwood Avenue, Buffalo, New York. Contract for the structural steel will be awarded to Consolidated Steel Corp., Slauson and Eastern Aves., Los Angeles. The building will be a one-story structure, 300x900 feet in area; steel frame corrugated iron and stucco exterior, corrugated iron or Transite roof, etc.

5— FLATS

March 29, 1935

Contract Awarded.
REPAIR FLATS Cost, $1500
SAN FRANCISCO, 1550 Hampshire Street.
Repair fire damage to flats.
Owner—Mrs. A. Shellman, 1544 Page Street.
Architect—Not Given.
Contractor—George C. Todhunter, 1088 Ashbury Street.

Contract Awarded.
FLATS Cost, $10,022
SAN FRANCISCO, W Fillmore 100 N Beach Street.
Two - story and basement frame and stucco flats (2 flats).
Owner — A. B. Harrison and H. H. Traxler, 544 Market Street.
Architect—S. A. Colton, 544 Market.
Contractor—H. H. Isaac, 1738 Page St.

To Be Done By Day's Work.
FLATS Cost, $8,000
SAN FRANCISCO. N Bay Street 180 E Fillmore.
Two - story and basement frame and stucco flats.
Owner and Builder—Peder P. Johnson 1750 Bay Street.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contracts Awarded.
SERVICE STATION Cost, $——
SAN JOSE. Santa Clara Co., Calif. Santa Clara and San Pedro Sts.
Super-service station (steel and brick construction).
Owner—Baumgartner Brothers, 148 W Santa Clara St., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Electric—Guilbert Brothers, 286 Santa Clara St., San Jose.
Steel Bldgs.—Independent Iron W'ks, 821 Pine St., Oakland.
Yard Work—Pacific Truck Service, 646 Park Ave., San Jose.

Sub-Contracts Awarded.
SERVICE STATION Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 675 High Street.
Brick service station.
Owner—C. A. Kuss.
Lessee—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Lessee
Contractor — John Huggard, Rialto Bldg., San Francisco.
Plumbing—Ralph Miller, Palo Alto.
Electric—Acme Electric Co., 156 Hamilton Ave., Palo Alto.

To Be Done By Day's Work.
SERVICE STATION Cost, $8000
BURLINGAME, San Mateo Co., Cal. Lorton and Howard Ave.
Steel service station.
Owner—Seaside Oil Co., 301 S. Palm St., Alhambra.
Plans by Engineering Dept. of Owner.

Plans Complete.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Calif. 315 Derby Street.
Alterations to service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTERATIONS Cost, $1,075
SAN FRANCISCO. 360 Golden Gate.
Alterations to garage.
Owner—Don Gilmore, Golden Gate and Hyde Street.
Architect—Not Given.
Contractor—Wm. Horstmeyer, 31 Ord Street.

Contract Awarded.
SERVICE STATION Cost, $7000
BAKERSFIELD, Kern Co., Cal. No. 1805 Union Avennue.
Construct new service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Alva Hackney, 321 Haberfelde Bldg., Bakersfield.

Contract Awarded.
GARAGE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5603 San Leandro Street.
One-story tile garage.
Owner—Continental Can Co., Premises.
Plans by Engineering Dept. of Owner.
Contractor—The Austin Co., 516 18th Street, Oakland.

Contract Awarded.
SERVICE STATION Cost, $7,000
SAN JOSE. Santa Clara Co., Calif. Stockton Avenue.
New service station.
Owner—Union Oil Co., 617 W 7th St., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Earl W. Heple, 494 Delmas Ave., San Jose.

Planned.
SERVICE STATION Cost, $——
LAKEPORT, Lake Co., Calif. NE Fourth and Main Streets.
New service station (type of construction not determined).
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Proposed station in a very preliminary stage.

Contract Awarded.
SERVICE STATION Cost, $15,000
STOCKTON, San Joaquin Co., Calif. SW Willow and El Dorado Streets.
Construction of new service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

Contract Awarded.
TIRE STATION Cost, $30,000
SAN FRANCISCO. NW Turk Street and Larkin.
One - story concrete tire, battery and oil station (concrete floors, steel sash, composition and tile roofing, etc.)
Owner—F. H. Rolandi.
Architect—H. A. Minton, 525 Market Street.
Engineer—L. H. Nishkian, 525 Market Street.
Lessee—McKean Brothers.
Contractor—Moore and Roberts, 693 Mission Street.

7— FEDERAL BUILDINGS

Bids Rejected.
POST OFFICE Cost, $51,700
CLAREMONT, Los Angeles Co., Cal.
Construct United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Treasury Department rejected all bids.
On bid opening lowest bid was submitted by Robert E. McKee, Los Angeles, at $33,530.
Complete bids published Dec. 18, 1934.

BIDS OPENED
VISALIA, Tulare Co., Cal.—Moline Furniture Works, Moline, Ill., at $250 submitted low bid to Treasury Department for bulletin boards for the U. S. Post Office at Visalia. Complete bids follow:
Moline Furniture Works, Moline, Ill., $250.
The Acme Changeable Sign Co., 214 E. 37th St., New York, $268.
John E. Sjostrom Co., 1750 N. 10th St., Philadelphia, Pa., $265.
Original Cabinet Co., Niles, Mich., $389.
Public Building Contractors, Bronx, New York City, $494.

Contract Awarded.
POST OFFICE Cont. Price, $43,720
PUYALLUP, Washington.
United States Post Office.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Henrickson-Alstrom Construction Co., Textile Tower, Seattle, Wash.

BIDS OPENED.
COMPTON, Los Angeles Co., Calif. —Washington, Ornamental Company, Inc., Washington, D. C., at $54.00 submitted low bid to Treasury Department, Washington, D. C., for plaster models of the proposed U. S. post office for Compton.
Other bids were:
Lombard & Ludwig Co., Washington D. C., $78.00.
Studio Architectural Sculpture Washington, D. C., $120.00.

MATERIAL AWARDS APPROVED
SANTA PAULA, Ventura Co., Cal.—Treasury Department has approved the following material awards for the construction of the U. S. post office at Santa Paula. W. L. Snook, Santa Barbara, general contractor:
Oil burner, Petroleum Heat & Power Co.; glassware, Gill Glass Co. and Moe - Bridges Co.; pendent switches, Pass and Seymour; lighting fixtures, Perfeclite Co.

MATERIAL AWARDS APPROVED
REDWOOD CITY, San Mateo Co., Calif.—Treasury Department has approved the following equipment and material awards for the construction of the U. S. post office at Redwood City. K. E. Parker Co., 135 South Park St., San Francisco, general contractor:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; water supply pipe, National Tube Co.; pressure reducing valve on water supply, Mueller Mfg Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Works; boiler, California Steel Products Co.; tube radiators, U. S. Radiator Corp.; non-conducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Marsh Valve Co.; air valves for radiators and for ends of steam mains, American Radiator Co.; lighting distribution, pane 1 and main switch, Trumbull Elec. Mfg. Co.; rubber-covered wire, Habirshaw Cable & Wire Corp.; receptacles and flush switches, Arrow-Hart & Hegeman El. Co.; pendant switches, Pass & Seymour; glassware, Inland Glass Works; lighting fixtures, Mutual Mfg. Co.

COMPLETE BIDS.
LONG BEACH, Cal.—A. M. Gelden Co., Chicago, at $3,384 submitted low bid to Treasury Department for painting the plaster, etc., in the U. S. post office at Long Beach.
Complete bids follow:

A. M. Gelden Co., Chicago	$3,387
Patterson Bros., Oakland	4,374
D. Zelinsky & Sons, Los Angeles	4,789
Gury Bros. Wallpaper Co., Denver, Colo.	5,874
Wm. Gelfan, Los Angeles	6,660
Aranz-Warren Co., Los Angeles	6,985
H. J. McKinley, Beverly Hills	4,900

Complete Bids.
P. O. EXTENSION Cost, $110,000
SANTA CRUZ, Santa Cruz Co., Calif.
Extension and remodeling of present post office building (stone and terra cotta exterior, tile roof, etc.)
Owner—United States Government
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Complete bids follow:

K. E. Parker Co., S. F.	$ 84,700
Carl N. Swenson, San Jose	90,000
Wm. MacDonald Const. Co., St. Louis, Mo.	94,613
Schuler and McDonald, Inc., Oakland	95,343
*Dinwiddie Const. Co. S. F.	100,000

*Report that a modification of their bid was wired, making their figure $81,300.

PROPERTY PURCHASED
SANTA BARBARA, Cal.—Treasury Department has purchased property on the southeast corner of Anacapa and Canon Perdido Sts., Santa Barbara, as the site for the United States Post Office to be erected in that city.

The site has a frontage of 214 feet on Anacapa St. and 275 feet on Canon Perdido. The sum of $445,000 has been allocated for the purchase of the property and construction and equipment of the building.

Completing Plans.
POST OFFICE Cost, $130,900
SANTA MONICA, Los Angeles Co.
One-story and basement reinforced concrete Post Office building (13,500 sq. ft. floor space) steel trusses, wood and composition roofing, tile and marble toilets, tile lobby floor, wood paneling, cast concrete ornamentation, waste molds, steam heating, ornamental iron, etc. (Mexican style of architecture).
Owner—United States Government.
Architect—Henry Carlton Newton and Robert Dennis Murray, 502 Architects Bldg., Los Angeles.
Plans will be forwarded to Washington for approval about April 18.

BIDS OPENED
SAN FRANCISCO—Nick Hemminga 627 38th Ave., San Francisco, at $777 submitted low bid to the Custodian, Post Office, San Francisco, for wire screens and window grilles for the U. S. Post Office, San Francisco. Complete bids follow:

Nick Hemminga	$ 777.00
San Francisco Wire & Iron Works	917.50
Michel & Pfeffer Iron Works	956.00
West Coast Wire & Iron Wks	1280.040

Bids held under advisement.

LOW BIDDER
OREGON CITY, Oregon — Newman Brothers, McMinnville, Oregon, at $497 submitted low bid to Treasury Department for painting the plaster, etc., in the U. S. Post Office at Oregon City, Oregon.

Bids Rejected.
RESIDENCE, ETC. Cost, $——
HARNEY COUNTY, Ore. Lake Malheur Migratory Waterfowl Refuge.
Residence building, service building, office and laboratory, boathouse, barn, entrance gate (reinf. conc. footings) tower, septic tank, disposal field, pumphouse and toilet.
Owner—United States Government.
Plans by Supervising Architect, U. S Dept. of Agriculture, Washington, D. C.
Only bid was submitted by Fred R. Comb, Minneapolis, Minn., at $44,000.

Bids Rejected.
RESIDENCE, ETC. Cost, $——
SACRAMENTO Migratory Waterfowl Refuge, Glenn and Colusa Cos.
Residence building, service building, boathouse, entrance gate, public toilet, pumphouse, septic tank and disposal field, and construction of reinforced concrete footings and erection of tower.
Owner—United States Government.
Plans by Supervising Architect, U. S. Dept. of Agriculture, Washington, D. C.
All bids rejected. Lowest bid was submitted by Oliver S. Almlie, 60 Sussex St., San Francisco, at $28,206.

CONTRACT AWARDED.
SAN FRANCISCO.—Western Asbestos Magnesia Co., 675 Townsend St., at $77 awarded contract by Twelfth Naval District for furnishing and installing asphaltic tile flooring for the sun room and plant room, first floor, Quarters No. 1, Receiving Ship Station, Yerba Buena Island.

LOW BIDDER
SAN DIEGO, Cal.—Atlas Ornamental Iron Works, 2510 E. 52nd St., Huntington Park, submitted low bid to National Park Service, San Francisco, April 1, for furnishing and installing metal work in connection with the restoration of the lighthouse at Cabrillo National Monument on Point Loma, San Diego. The work includes cast bronze and brass, miscellaneous iron and steel, ornamental iron, etc.

8— CLUB BUILDING

Plans Being Figured.
ADDITIONS Cost, $——
YAKIMA, Washington.
Alterations and additions to YMCA building (work involves reinforced concrete, reinforced concrete floor slabs, dampproofing, brick work, stone work, sheet metal, skylights, miscellaneous iron, carpentry, mill work, lathing, plastering, wall and floor tile, painting, lighting fixtures, glazing etc.)
Owner—Y. M. C. A.
Architect—John Maloney, 1117 Larson Bldg., Yakima.
No definite date has been set for opening the bids.

9— HOSPITALS

Plans Being Completed.
HOSPITAL, ETC. Cost, $6000
OKLEANS, Humboldt Co., Cal.
One-story wood frame hospital unit and community center (53x36 ft.) shingle roof, wood floors, etc.
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 581 Market St., San Francisco.
Building is to be constructed for the Mission of the Holy Spirit (Rev. C. W. Sills, Pastor).
Segregated bids will be taken in about one week.

Sub-Contracts Awarded.
HOSPITAL AND QUARTERS Cost, $180,000
NESPELEM, Wash. Colville Indian Agency.
Hospital, two doctors' houses, nurses' quarters (hospital will have reinforced concrete construction, light weight steel beams, reinforced concrete floors, etc.; nurses' quarters, masonry walls, asbestos shingle and clay tile roofing, hot water heating system, high pressure steam boilers).
Owner — United States Government (John Collier, Commissioner of Indian Affairs).
Architect—Schmidt, Garden and Erikson, 104 S. Michigan Ave., Chicago
Contractor—J. W. Bailey Const. Co., Insurance Bldg., Seattle.
Reinforcing Steel—Pacific Coast Steel Corp., Seattle.
Steel Joists—Truscon Steel Co., Seattle.
Structural Steel—Union Iron Works, Spokane.
Steel Shelving—Lyon Metal Products, Inc., Seattle.
Brick—Washington Brick, Lime and Sewer Pipe Co., Seattle.
Cement—Lehigh Portland Cement Co., Spokane.
Hollow Metal Work—D. E. Fryer and Co., Seattle.
Asbestos Shingles—Interlocking Tile Corp., Seattle.
Plastering—Fred Stabbert, Tacoma.
Millwork—Johnson's Millwork, Inc., Tacoma.
Painting—Atlas Painting Co., Seattle.
Finish Hardware—P. and T. Corbin, New Britain, Conn.
Loose Fill Insulation—Asbestos Supply Co., Seattle.
Weather Stripping — Accurate Metal Weather Strip & Screen Co., Seattle.
Plumbing and Heating—H. C. Hastorf, Portland.
Kitchen Supply—Builders' Sheet Metal Co., Inc., Seattle
Wiring—Thordarson Elec Co., Seattle

Preparing Preliminary Plans.
HOSPITAL Cost, $120,000
GRASS VALLEY, Nevada Co., Cal Site to be Selected
Two-story hospital (49 beds, solariums administrative offices, etc.) reinforced concrete walls, structural steel frame, steam heating plant
Owner—Grass Valley Memorial Hospital.
Architect — Walter C Clifford, 310 Locust St., San Francisco.
Proposed work is in a very preliminary stage.

10— HOTELS

Contract Awarded.
ALTERATIONS Cost, $1,000
SAN FRANCISCO, 620 O'Farrell St
Alterations to rooming house.
Owner—Lewis M. Norton, Russ Bldg.
Engineer—Ellison and Russell, Pacific Building.
Contractor—J. S. Malloch, 666 Mission Street.

FIRE LOSS
COALINGA, Fresno Co., Cal.—Fire destroyed the Fox Hotel in Coalinga April 1, with damage estimated at $50,000.

Contracts Awarded.
HOTEL Cost, $20,000
TAHOE CITY, Placer Co., Cal.
Two and one-half-story frame hotel (15 rooms and 9 baths); electric wall type heaters, shingle roof, wood floors, etc.
Owner—Larry McKelvey.
Plans by J. R. Wolert, P. O. Box F, Truckee, Calif.
Contractor—J. R. Wolert, P. O. Box F, Truckee, Calif.
Plumbing—Bill Oliver, Tahoe City.
Electrical Work—Lyle Smith, Truckee
Material Dealers — Truckee Tahoe Lumber Co., Auburn.

11—ICE & COLD STORAGE PLANTS

CONTRACT AWARDED
PHOENIX, Ariz. — York Ice Machinery Corp., 5051 Santa Fe Ave., Los Angeles, awarded contract for installing refrigeration for an air conditioning system in the Korrick Dry Goods Company building in Phoenix. Cost, $17,500. Lescher & Mahoney, Architects, and Roy M. Quackenbush, 1100 Title & Trust Bldg., Phoenix, Mechanical Engineer.

BIDS OPENED.
LOS ANGELES, Calif.—Gay Engr. Co., 2650 Santa Fe Ave., Los Angeles, at $4,497 submitted low bid to the Veterans' Administration, for alterations to refrigeration building at the Veterans Administration Facility, Los Angeles. Only other bid was submitted by the York Ice Machinery Co., Philadelphia, at $5,965.

12— POWER PLANTS

Bids Opened.
BOILER PLANT EQUIP. Cost, $43,800
CAMARILLO, Ventura Co., Cal. State Hospital.
Boiler plant equipment for boiler plant under construction at State Hospital (work involves 2 300-hp. water tube boilers complete with foundations, burners, pumps, piping and other appurtenances).
Owner—State of California.
Architect—Geo. M. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder—Walter S. Leland Company, Walnut Creek.

Complete bids follow:
Walter S. Leland Co., Walnut Creek $43,800
C. C. Moore, San Francisco 45,000
Schuster & Hudson, Oakland 46,875
Carpenter & Mendenhall, Sacramento 47,173
Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTEMPLATED

EUREKA, Humboldt Co., Cal. — Walter Coggeshall is chairman of a civic committee considering plans for construction of a municipal auditorium.

Contract Awarded.
CITY HALL Cont. Price, $19,291
GRASS VALLEY, Nevada Co., Calif. SW Main and Stewart Streets.
One and two-story reinforced concrete city hall (tile roof, steam heating system, concrete floors, etc.)
Owner—City of Grass Valley.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—Paul Jenks, Rt. 2, Grass Valley.
Complete bids follow:
Paul Jenks, Grass Valley $19,291
E. T. Leiter & Son, Oakland 19,467
Chas. Unger, Sacramento 19,815
Chas. Lawrence 19,885
Petersen & Steinbrenner, Roseville 20,300

CONTRACTS AWARDED

VISALIA, Tulare Co., Cal.—Following awarded contract for furnishing materials for the Tulare County Courthouse in Visalia. Plans prepared by Architect Ernest J. Kump, Rowell Bldg., Fresno.
Finish Hardware—Tulare County Lumber Co., Visalia, $1815.13.
Lighting Fixtures — Solar Lighting Fixture Co., Los Angeles, $2700.
Venetian Blinds — National Venetian Blind Co., $800.
Vault Work—W. R. Ballinger & Son, 50 Hawthorne St., S. F., $625.

CONTRACT AWARDED

FOLSOM, Sacramento Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $8200 awarded contract by State Purchasing Department for miscellaneous iron for the State Prison at Folsom.

CONTRACTS AWARDED

SAN LUIS OBISPO, Cal.—San Luis Obispo County Supervisors awarded the following contracts for furnishing materials for construction of two-story fireproof courthouse now under construction at Monterey and Osos Streets, San Luis Obispo.
Lathing and Plastering — Pacific Coast Coal Co., San Luis Obispo, $3418.08.
Painting—J. I. Davis, San Luis Obispo $439.61.
Reinforcing Steel—Truscon Steel Co., 1750 Army St., San Francisco, $3206.65.
Plumbing—E. M. Payne Hardware Co. San Luis Obispo, $1637.47.
No bids received on ornamental iron

To Ask Bids Within A Few Days.
Preparing Working Drawings.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Cal. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x 150 feet.
Owner—City of Lodi.
Architect—Joseph Losekann, 1218 W. Harding S., Stockton.
Upon approval of the project by the SERA, material bids will be asked.

ALTER CITY HALL Cost, $4000
SAUSALITO, Marin Co., Cal.
Alterations to second story of City Hall (work involves new partitions, plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 065 Market St., San Francisco.

Material Contracts Awarded.
CITY HALL Cost, $——
CLOVERDALE, Sonoma Co., Calif.
One-story City Hall (58-foot frontage) reinf. concrete construction, plaster interior walls.
Owner—City of Cloverdale.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Cement—George Covelli, Santa Rosa, $601.80.
Sand and Gravel—M. C. Triplett, Santa Rosa, $414.10.
Reinforcing Steel—M. C. Triplett, Santa Rosa, $254.91.
Lumber—M. C. Triplett, $868.61.
Roofing—M. C. Triplett, $198.93.
Metal Sash—Truscon Steel Co., 1750 Army St., San Francisco, $246.00.
Electric — J. F. Miller, Healdsburg, $166.14.
Plumbing—Charles F. Reichel, Santa Rosa, $493.37.
Bids on sheet metal, glass, fire door and shades rejected and new bids will be asked after July 1. Labor will be furnished by the SERA.

Contracts Awarded.
HALL OF RECORDS Cost. $350,000
FRESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.
Three-story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)
Owner—County of Fresno.
Architects—Allied Architects of Fresno (composed of W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson), 304 Rowell Building Fresno.
Structural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.
Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
General Work—William Spivock, Hobart Bldg., San Francisco, $215,190
Mechanical Work—Barrett-Hicks Co., 1031 Broadway, Fresno, $42,982.
Electrical Work—Wessell Electric Co. Rt. 2, Box 173, Fresno, $23,474.

14— RESIDENCES

Contract Awarded.
ALTER RESIDENCE Cost, $1500
SAN JOSE, Santa Clara Co., Cal. 129 North Eighth Street.
Alterations to frame residence.
Owner—Albert Luhrman, 129 N 8th St., San Jose.
Architect—Not Given.
Contractor—F. T. Edmans, 123 S 3rd St., San Jose.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Two-story and basement frame and stucco residence (6 rooms and 2 baths); shake roof, gas hot air heating system, tile baths, hardwood floors, steel sash.
Owner—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st Ave., Oakland.

Low Bidder.
RESIDENCE Cost, $6500
SALINAS, Monterey Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—I. B. Cornett.
Architect—Chas. Butner, 51 Maple St. Salinas.
Low Bidder—Frank Lawton, Salinas.

Low Bidder.
RESIDENCE Cost. $8000
SALINAS, Monterey Co., Calif.
Two-story and basement frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St. Salinas.
Low Bidder—F. C. Carlsen, 336 Lincoln Ave., Salinas.

Plans Being Prpared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story and basement frame and stucco residence (5 rooms and 2 baths); shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—M. P. Whitney, 154 Brookside Drive, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $16,000
SACRAMENTO, Sacramento Co., Cal.
Two-story and basement frame and brick veneer residence (8 rooms, 4 baths) shake exterior on second story, shingle roof, oil furnace, hardwood floors, tile baths, etc.
Owner—Dr. Chas. Von Gildern, Medico-Dental Bldg., Sacramento.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about 2 weeks.

Plans Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO, N Waller St. 115 E Webster.
Alterations to frame residence.
Owner—E. V. Hartwell, 3814 Army St.
Architect—John Ahnden, 822 39th Ave.

Contract Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Fye.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—H. S. Meinberger, 434 4th St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $17,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story and basement frame and brick veneer residence (10 rooms, 4 baths) tile or shake roof, hot air heating system, tile baths, hardwood floors, etc.)
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—S. A. Wisnom, 140 South Ellsworth, San Mateo.
Sub-bids will be taken about April 3.

Bids Opened.
RESIDENCE Cost. $——
BERKELEY, Alameda Co., Calif.
One-story wood frame residence (3 rooms).
Owner—Wallace Kenbrook.
Architect—Shaw & McCool, 704 Market St., San Francisco.
Low Bidder—Walter Sorensen, 2940 Piedmont Ave., Berkeley.
Complete bids follow:
Walter Sorensen, Berkeley $3,665
Albert A. Haskell, Oakland 3,695
Wm. Horstmeyer, S. F. 3,764
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $——
CONCORD, Contra Costa Co., Calif. Clayton Road.
Two - story frame and stucco residence (6 rooms).
Owner—P. W. Goldstein.
Architect—Not Given.
Contractor—L. V. Perry, Concord.

Contract Awarded.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (6 rooms, sleeping porch, two baths, separate garage, tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. Depaoli.
Architect—Otto Delehmann, 110 Sutter St., San Francisco.
Contractor — Lawrence C. Sullivan, Inc., 3909 Loma Vista Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
PIEDMONT, Alameda Co., Cal. Cavalier Estate.
One-story and basement frame and stucco residence (terra cotta tile roof, gas hot air heating system, hardwood floors, etc.)
Owner—Mrs. Frank Adams.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. Cederborg, 1045 Excelsior Ave., Oakland.

Contract Awarded.
DUPLEX Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Seventh St. near William St.
One-story frame duplex.
Owner—George A. O'Hara, 469 S. 7th St., San Jose.
Architect—Not Given.
Contractor—R. C. Douglass, Rt. 3, Box 280, San Jose.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Fourteenth St. near Margaret St.
One-story and basement frame and stucco residence (6 rooms).
Owner—Cora E. and Susan Cox, 254 S. 8th St., San Jose.
Architect—Not Given.
Contractor—Gibson Wheeler Co., 19 N-Second St., San Jose.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN JOSE, Santa Clara Co., Calif. No. 129 N-Eighth St.
Alterations to residence.
Owner—Albert Luhrman, 135 N-8th St., San Jose.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. S. Taylor.
Architect—Fred L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 1701 Eleventh Street.
Two-story frame and stucco residence
Owner—Modernize Sacramento Exposition.
Architect—Not Given.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Cal. No. 1433 Shasta Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—A. Gangl, 409 Meridian Road, San Jose.
Architect—Not Given.
Contractor — T. D'Amico, 2345 Polk St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and brick veneer residence (12 rooms 4 baths), terra cotta shingle roofing, gas fired steam heating system, canvas walls, hardwood floors, steel wood sash, tile baths, etc.
Owner—Withheld.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—Selected (Withheld)

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor — Randolph Parks, 1046 Peralta St., Oakland.

Plans Completed
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal.
Two-story and basement frame and stucco residence (7 rooms and 2 baths); shingle roof, gas hot air heating system, tile baths, hardwood floors, steel sash, etc.
Owner—Mrs. L. Baker, 602 Sycamore St., Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Owner will handle construction.

Bids Under Advisement—Plans Being Revised.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
One-story and basement frame and stucco residence (5 rooms), terra cotta tile roof, gas heating system, hardwood floors, tile bath.
Owner—Withheld.
Architect — Martin Sheldon, Monadnock Bldg., San Francisco.
In our issue of March 28, it was reported that bids were rejected, which was in error. Bids are held under advisement and plans are being revised.

Contract Awarded.
ALTERATIONS Cost, $2500
BURLINGAME, San Mateo Co., Cal. No. 1439 Chapin Avenue.
Alterations to residence
Owner—George Sandidge, Premises.
Architect—Not Given.

Plans Being Figured—Bids Close April 10, 2 P. M.
RESIDENCE Cost, $——
KENTFIELD, Marin Co., Calif. Alta Mira Tract.
Two-story frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Carl F. Grommé, Masonic Building, San Rafael.
Plans by Owner.
Leibert & Trobock, 409 Albert Bldg., San Rafael, are figuring the plans.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO, 544 Laidley.
One - story and basement frame and stucco residence.
Owner—C. and B. Gisen, 542 Laidley.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine Street.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO, W Baker St. 114 N Union.
Two - story and basement frame and stucco residence.
Owner—A. Gissler, % contractors.
Architect—Not Given.
Contractor—Anza Home Building Co., 1498 36th Ave.

Contract Awarded.
RESIDENCE Cost, $2600
OAKLAND, Alameda Co., Cal. 1821 105th Avenue.
One - story frame dwelling and one-story frame garage.
Owner—G. Hohmann, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 6119 Acacia Avenue.
Two-story frame and stucco dwelling (8 rooms).
Owner and Builder—H. C. Pfrang, 5619 Ocean View Drive, Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO, E Alemany Blvd. 177 N Admiral.
One - story and basement frame and stucco residence.
Owner and Builder—N. E. Johnson, 666 Mission Street.
Architect—Not Given.

Construction To Start Shortly.
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal. Willborough Place.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—G. W. Williams Co., 315 Primrose Rd., Burlingame
Architect — W. C. F. Gillam, 1470 Broadway, Burlingame.

Contract Awarded.
RESIDENCE & GARAGE $3100
OAKLAND, Alameda Co., Cal. No. 1815 105th Avenue.
Two-story frame and stucco residence 5 rooms) and garage.
Owner—G. Lohmann, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland.

Contract Awarded.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. No. 1030 Bay View Avenue.
Alterations and additions to residence
Owner—T. B. Williamson, Premises.
Architect—Not Given.
Contractor — Archie Waring, 2324 Prentiss St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Cal. No. 596 California Avenue.
Two-story frame and stucco residence
Owner and Builder—Stedman & Stedman, 1818 Bryant St., Palo Alto.
Plans by Owner.

Plans Completed.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 952 Hilldale Avenue.

Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCES Cost, $8000
SAN FRANCISCO. W Dunsmuir St. 130 N Silver Ave.
Two one-story and basement frame and stucco residences.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor—Claude T. Lindsay, 140 Duboce Ave., San Francisco.

CONTRACT AWARDED
ARCADIA, Los Angeles Co., Cal.—W. C. Warmington, 9433 Santa Monica Blvd., Beverly Hills, will build a two-story frame and stucco Italian type residence (14 rooms and 6 baths) in Arcadia for a client. Plans are being prepared by Architect Leland F. Fuller, 1043 Centinela Blvd., Santa Monica, and will be completed in about four weeks. Will have tile and composition roofing, oak plank, pine and linoleum floors, six bathrooms with rubber tiled floors and tile wainscoting. General Electric heating and air conditioning, steel sash. Cost, $45,000.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Eighteenth Ave. S Vicente.
Two one-story and basement frame and stucco residences.
Owner and Builder—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given.

Plans Being Revised.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two - story frame, stucco and brick veneer residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths.
Owner—A. R. Borchardt.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E London, 50 N Italy Street,
One - story and basement frame and stucco residence.
Owner—C. F. Fella, 685 London St.
Architect—Not Given.
Contractor—B. C. Lindsay, 183 Lindsay Street.

Preparing Working Drawings.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story and basement frame and stucco residence (6 rooms and 2 baths); shingle roof, oak plank floors, gas heating system, colored tile baths, etc.
Owner—F. A. Naylor.
Architect—W. W. Wurster, 260 California St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. S Beach St. E Fillmore Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given.

Preparing Working Drawings.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence.
Owner—Matthew Wahrhaftig.
Architects—H. A. Schary, 605 Market Ct., and W. I. Garren, 233 Post St., San Francisco.
Bids will be asked shortly.

Plans Being Completed.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Calif. Mt. View and Grand Avenue.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfeld.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked in about 2 weeks.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 416 Townsend St.
Alterations to warehouse.
Owner—Nathan Dohrman Company.
Architect—Fred H. Meyer, 525 Market Street.
Contractor—George Wagner, 181 South Park.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 8950 Vallejo St.
Alterations to frame residence.
Owner—A. Murphy.
Architect—Angus McSweeney, 604 Mission Street.
Contractor — A. F. Mattock Co., 212 Clara Street.

Sub-Contract Awarded.
RESIDENCES Cost, $——
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Two one-story frame and stucco residences (5 rooms each).
Owner—Syndicate Merriewood Co. Ltd. Broadway, Oakland.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.
Lumber—Smith Lumber Co., 19th and Estuary, Oakland.
Mill Work—Atkinson Mill & Mfg. Co. 2985 Chapman St., Oakland.
Concrete—A. A. Johnson, 1844 Channing Way, Berkeley.
Plumbing — J. R. Pierce, 1844 73rd Ave., Oakland.
Plastering—Arthur Moore, 526 57th St. Oakland.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO. 14th Avenue South Taraval Street.
One - story and basement frame and stucco residence (5 rooms) tile and composition roof, hardwood floors, metal railings and balcony, tile bath and shower, etc.
Owner—J. Freitas.
Architect—D. E. Jaekle, 126 Post St.
Contractor—A. J. Herzig, 2300 Ocean Avenue.

Plans Being Figured.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—M. Vaughn.
Architect—F. C. Confer, 2812 Russell St., Berkeley.

Construction To Start Shortly.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 64 Ross Circle.
Two - story frame and stucco residence (six rooms).
Owner and Builder—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7,000
CARMEL, Monterey Co., Calif.
One - story and basement frame and stucco residence (Spanish style) tile roof, etc.
Owner—Mrs. Eva J. Powell.
Architect—Not Given.
Contractor—Hugh Comstock, 6th and Torres Sts., Carmel.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. No. 1409 Ada Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—C. M. Bell, 2124 McKinley St., Berkeley.
Plans by L. H. Oliver, Rice, Calif.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 2950 Vallejo Street.
Alterations to frame residence.
Owner—A. Murphy.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Eighteenth St. S Vicente St.
Two one-story and basement frame and stucco residences.
Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect — C. O. Clausen, 747 46th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Tingley St. 75 W Alemany St.
One-story and basement frame and stucco residence.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

PLANNED
SOUTHERN CALIFORNIA—Southern California Building Co., 3543 W. 60th St., is negotiating for the purchase of a tract of land upon which they contemplate the erection of ten residences. Three sites are under consideration, one in Huntington Park, another in Dominguez Estates, west of Compton, and the third in Palos Verdes Hills. The houses to be erected will be of Spanish, Cape Cod and French provincial type architecture. Selection of a site is ex- Palos Verdes Hills. The houses to be company anticipates the expenditure of $40,000 for the purchase of land and improvements.

To Ask Bids April 8.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths); shake roof electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Contract Awarded.
RESIDENCE Cost, $17,000
BAKERSFIELD, Kern Co., Calif. 2101 Cedar Street.
Two - story and basement frame and stucco residence.
Owner—C. W. Bloemer, Bakersfield.
Architect—Not Given.
Contractor—Adolph Hansen, 2328 19th St., Bakersfield.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
OAKLAND, Alameda Co., Cal. No. 2933-2939 Sixty-second Ave.

Two one story and basement frame and stucco residences (5 rooms each).
Owner and Builder—A. E. Waldman, 3321 Haley Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 3661 Thirty-fifth Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—H. A. Fleitner, 1020 E-14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

15— SCHOOLS

Lumber Contract Awarded—Aggregate Bids Rejected.
SCHOOL Cost, $40,000
CONCORD, Contra Costa Co., Calif.
Two - story reinforced concrete high school (ten classrooms) tile roof, steam heating system, probably concrete floors.
Owner—Mt. Diablo Union High School District (Miss Bertha Romaine, Principal).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Lumber — Concord Lumber Co., Concord, $2,322.68.
Aggregate bids were rejected and new bids will be asked shortly.

Plans Awaiting Approval.
REPAIR SCHOOL Cost, $50,000
SAN FRANCISCO, Hayes and Ashbury Streets.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market Street.

LOW BIDDER
LOS ANGELES, Cal.—C. H. Fischer 2405 W 80th St., Inglewood, submitted low bid at $29,096 to the Los Angeles board of education for erection of a new 1-story, frame and stucco school building at the Micheltorena St. school 1511 Micheltorena St. J. Robert Harris, architect, 6715 Hollywood Blvd., and C. J. Derrick, structural engineer Architects' Bldg.

CONTRACT AWARDED
HUNTINGTON PARK, Los Angeles Co., Cal.—H. A. Nichols, 936 E. Slauson Ave., was awarded contract at $195,204 by Los Angeles Board of Education (using alternate No. 3) for construction of the new cafeteria building and the new administration building at the Huntington Park High School, 6020 Miles Ave., Huntington Park.

BIDS WANTED
TORRANCE, Cal. — Until April 24, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the main building at the Torrance Elementary School, located at Martina and 220th Sts., Torrance. A. S. Nibecker Jr., Architect. Cost, $63,088.

LOW BIDDER
LOS ANGELES, Cal.—Weymouth Crowell Co., 2101 E. 15th St., submitted low bid at $246,740 to Los Angeles Board of Education, for construction of new buildings "A" and "B" at the Manual Arts High School, located on the west side of Vermont Ave., bet. 40th Place and 42nd St. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects, and Elliott Lee Ellingwood, H. W. Hellman Bldg., mechanical engineer.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal. W. E. Allen, 752 West Anaheim, Long Beach, awarded contract by Long Beach Board of Education, at $72,787, for strengthening and altering the administration building on Locust Avenue. Earl R. Bobbe, 315 Heartwell Bldg., Long Beach, architect.

Plans Completed.
ADDITIONS Cost, $8500
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort station, team rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Room 205, 2068 Allston Way, Berkeley.
Plans have been forwarded to State Division of Architecture for approval. Labor will be furnished by the SERA and materials will be purchased by the school district.

Plans Completed.
SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Cal.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Plans have been forwarded to State Division of Architecture for approval and bids will be asked in about ten days.

Plans Being Figured—Bids Close April 24, 2:30 P. M.
SCHOOL Cost $162,000
SAN FRANCISCO, Kirkham Street between 42nd and 43rd.
Two-story reinforced concrete school building (18 classrooms) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Wm. Mooser, Monadnock Bldg.; Edward Eames, 353 Sacramento St. and Douglas D. Stone 110 Sutter St.
Structural Engineer—James M. Smith 251 Kearny Street.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $55 for work complete; $25 for general work only; $15 for mechanical equipment and plumbing, and $15 for electrical work.
Bids will be opened at Room 251, City Hall.

CONTRACT AWARDED
LOS ANGELES, Cal. — Harry F. Miller, 1908 W. 75th St., awarded contract at $31,586 by Los Angeles Board of Education, for construction of a one-story, six-room frame and stucco school building (unit No. 4) at the Lankershim School, 2530 Bakman St., Van Nuys District. Henry Carlton Newton and Robert Dennis Murray, 502 Architects Bldg., Architects, and C. J. Derrick, Structural Engineer.

BONDS VOTED.
REDWOOD CITY, San Mateo Co., Cal.—Sequoia Union High School District voted bonds in the amount of $75,000 March 29. Proceeds to finance construction of structural changes to a group of eight school buildings in the Sequoia Union High School District, Redwood City. H. J. Brunnier, Sharon Bldg., San Francisco, is the structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until April 16, 11:00 A. M., bids will be received by the Pasadena Board of Education for alterations and repairs to the Washington Junior High School. Frederick Kennedy Jr., 1041 E. Green St., Pasadena, Architect.

Plans Being Completed.
ADDITIONS Cost, $——
ROSEVILLE, Placer Co., Cal. Atlantic Street.
Add two classrooms and lunch room to Atlantic Street School (brick construction).
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect — Chas. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

LOW BIDDERS.
LONG BEACH, Cal.—Pacific Realty & Building Co., 433 East Broadway, Long Beach, submitted apparent low bid on the general contract (using salvaged materials) to Long Beach board of education for the construction of the Jane Addams elementary school at $83,361. Low bidders on other contracts were: Kuster-Wetzel Electric Co., 214 E. Broadway, Long Beach, electric wiring, $8139; O. E. Ross, 1850 Pacific Ave., Long Beach, heating at $1650; Thos. E. Williams Co., Long Beach, plumbing, $9112. Edward J. Baume, architect, and Virgil Bullock, 315 Heartwell Bldg., Long Beach, structural engineer.

Bids Opened.
SCHOOL Cost, $30,000
PORTOLA, Plumas Co., Calif.
One-story frame and stucco grammar school (5 classrooms and recreation room).
Owner—Portola Grammar School Dist.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Low Bidder—Campbell Const. Co., 800 R St., Sacramento.
Complete bids follow:

Campbell Const. Co., Sacto.	$32 491
H. E. Vickroy, Stockton	32,750
Joe. Dillard, Reno, Nevada	32,897
O. S. Almlie, San Francisco	33,870
Chas. Unger, Sacramento	34,384

Bids held under advisement.

Planned.
ADDITION Cost, $100,000
PORT ORCHARD, Washington.
Three - story brick addition to high school (11 classrooms, manual training shop, music room, locker rooms, hospital room, combination auditorium and gymnasium, toilets etc.)
Owner—South Kitsap Union High School District.
Architect—F. B. Stephen, Smith Tower, Seattle.

BIDS WANTED
LONG BEACH, Cal.—Until April 17, 4 P. M., bids will be received by the Long Beach board of education for the construction of Units A, C and E (gymnasium, shop and cafeteria buildings) at the Alexander Hamilton Jr. high school. Steel frame, steel studs, steel sash, steam heat, etc. Bid will be taken on two bases: I Entire project, to be handled under a general contract, but with alternate bids on (a) plumbing; (b) heating and ventilating; (c) electrical work, and (d) general; and II. Segregated bids on (a) plumbing; (b) heating and ventilating, and (c) electrical work.
Schilling and Schilling, 145 Linden Ave., Long Beach, architects.

BIDS WANTED
LOS ANGELES, Cal.—Until April 18, 11:30 A. M., bids will be received by

Los Angeles board of education purchasing Bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening and the construction of one-story, Class C brick and gunite additions to the north and south units at the Palms school, 3520 Motor Ave., West Los Angeles. Earl T. Heitschmidt, 417 S. Hill St., Los Angeles, architect, and Paul E. Jeffers, 816 W. 5th St., Los Angeles, structural engineer.

BIDS WANTED.

SAN FRANCISCO.—Until April 10, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for alterations at the Lincoln School, Harrison St. between Fourth and Fifth. Work involves tearing down the present auditorium, etc.

Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $5. (6449) 15

Plans Completed.

CAFETERIA Cost, $10,000
CROCKETT, Contra Costa Co., Calif.
One-story frame and stucco cafeteria (tar and gravel roof, etc.)
Owner—Carquinez School District.
Engineers—Henry D. Dewell and Austin W. Earl, 55 New Montgomery St., San Francisco.

Plans will be forwarded to Sacramento for approval shortly.

Bonds Voted—Preliminary Plans Completed.

SCHOOL Cost, $45,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (5 classrooms) and 1-story frame & stucco gymnasium (composition roofing, steam heating system, wood floors, concrete floors in dressing rooms and showers).
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

FIRE LOSS

BISHOP, Inyo Co., Cal.—Fire destroyed the Bishop High School gymnasium March 27. Loss estimated at $20,000. Buildings covered by insurance.

Plans Being Figured—Bids Close Apr. 22nd, 8 P. M.

SCHOOLS Cost, $100,000
DALY CITY, San Mateo Co., Calif.
Three 1-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson, and Crocker units.
Owner—Jefferson School District (W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Building, San Francisco.

Plans and specifications may be obtained from the architect and from the clerk of the district upon deposit of $50.00.

On former bid opening lowest bid was submitted by Leo Epp, 4745 Geary St., San Francisco, at $74,447.

BID OPENING DATE POSTPONED

FLAGSTAFF, Ariz.—Until April 26, 10 A. M., bids will be received by the Flagstaff School Board for the construction of the new southside elementary school building in Flagstaff, Ariz. It will be a two-story, T-shaped structure, 60x135 feet and 36x61 feet in area, and will contain ten classrooms, domestic science department, manual training department and an assembly hall. The walls will be built of brick and will have red sandstone and Malapais rock facing. Cost $50,000. Plans and specifications may be obtained from Architects Wallingford & Bell, Heard Bldg., Phoenix, to whom bids are to be submitted. Certified check for 5 per cent must accompany each proposal.

Contract Awarded.

ADDITION Cost, $60,000
LOS GATOS, Santa Clara Co., Cal.
Three-story addition to Alma College (20 dormitory rooms, classrooms, etc.)
Owner—Alma College (Society of Jesus Thealogate).
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—H. C. Miller, 1313 Franklin St., Santa Clara.

LOW BIDDER

LOS ANGELES, Cal. — Weymouth Crowell, 2104 E-15th St., submitted low normal bid at $81,670 to Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the administration and liberal arts building, science building, arts building, cafeteria building, shop building, arcades and colonnades at the George Washington High School, 10860 S. Denker Ave. The use of certain alternates would make Dick Bros. and Robt. Boyd, 7702 S. Western Ave., the low bidders. Eugene Weston, Jr., Architects' Bldg., Architect, and Oliver G. Bowen, Structural engineer.

COMMISSIONED TO PREPARE PLANS

NORWALK, Los Angeles Co., Cal. —Architect T. C. Kistner, 814 Architects' Bldg., Los Angeles, commissioned by Excelsior Union High School District to prepare plans and specifications for a new reinforced concrete auditorium building to be built on the Excelsior Union High School site, Norwalk. Cost, $200,000. The SERA has approved an application for $78,654 for repairs to the existing auditorium but it has been decided to use part of this fund for demolition of the building and to apply for additional funds to finance the construction of the new building.

Plans Completed.

COMPLETE AUDITORIUM $15,100
NORTH SACRAMENTO, Sacramento Co., Calif.
Complete gymnasium (work includes Painting, plastering, decorating, completing electrical, heating and plumbing systems).
Owner — Grant Union High School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.

PWA has made a supplemental grant of $15,100 to the Grant Union High School District for the above work.

LOW BIDDER

HUNTINGTON PARK, Los Angeles Co., Cal.—H. A. Nichols, 936 E. Slauson Ave., submitted low bid at $195,655 to Los Angeles Board of Education for construction of the new cafeteria building and the new admintstration building at the Huntington Park High School, 6020 Miles Ave., Huntington Park.

BOND ELECTION POSTPONED

FULLERTON, Orange Co., Cal. — Fullerton Board of Education postponed the election, scheduled for March 29, for the purpose of voting bonds in the sum of $350,000 for the reconstruction of four school buildings and the erection of a new school building at various sites in Fullerton. No date for a new election was set.

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until April 23, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 South San Pedro Street, for reconstruction, strengthening and rehabilitation of the boys' gymnasium and swimming pool and the girls' gymnasium at the Huntington Park High School, 6020 Miles Ave., Huntington Park. Geo. M. Lindsey, 6305 Yucca St., architect. Cost, $90,190.

Bids Wanted—To Close April 17, 2:30 P. M.

SCHOOL Cost, $205,000
SAN FRANCISCO. Geary and Scott Streets.
Restoration of portion of Girls' High School.
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market Street.
Structural Engineer—L. H. Nishkian, 525 Market St.

Work involves completion of building excepting cutting and removal of existing work, concrete, structural steel, carpentry and mill work, etc., already performed by C. L. Wold, whose contract with the City has been terminated.

Bids will be received as follows:

(1) For work complete excepting furnishing and installing balance of architectural terra cotta and balance of the brick work.
(2) For furnishing and installing terra cotta and brick work, only.

Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $25 for general plans and $25 deposit for terra cotta and brick plans.

General work estimated to cost $195,000 and terra cotta and brick work estimated to cost $10,000. Work must be completed by August 15

PLANNED.

SPOKANE, Wash.—Whitworth College has been authorized by Board of Directors to project a $440,000 development program this spring. Dr. Ward Sullivan is president of the college.

Following buildings are included in the program:

Women's dormitory, $75,000;
Science Building, $50,000;
Central Heating Plant, $25,000;
Home Arts Building, $50,000;
Campus Development, $7,500;
Enlargement of Auditorium, $7 500.

CONTRACTS AWARDED.

LONG BEACH, Calif.—Person and Thiele Corp., 507 S. Lorena St., Los Angeles was awarded the general contract by Long Beach board of education at $133,990, for the construction of the administration unit at the Jas. Russell Lowell Junior high school site. Other contracts awarded were: Thos. E. Williams Co., 256 Alamitos Street, Long Beach, plumbing at $4490; Hickman Bros., 910 E. Anaheim St., Long Beach, heating and ventilating $4050; Coast Electric Co., 2350 Cedar Ave., Long Beach, electric wiring $8193. Edward L. Mayberry, 3900 E. 3rd Street, Long Beach, architect.

Contract Awarded.

ADDITION Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Three-story addition to Alma College (20 dormitory rooms, classrooms)
Owner—Jesuit Order.
Architect—Not Given.
Contractor—H. C. Miller, 1313 Franklin St., Santa Clara.

16—BANKS, STORES AND OFFICES

Air Conditioning Bids Wanted — To Close April 16, 12 Noon.
ALTERATIONS Cost, $ —
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Alterations to Mattei Bldg. (work includes air conditioning system to all offices; re-painting corridors; elevator alterations, new elevator fronts; steam cleaning; new corridor lighting system; cork and tile elevator mats, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Capital Co., 625 Market St., San Francisco.
Bids on air conditioning are being received by the Capital Co., 625 Market St., San Francisco.
Bids on exterior and interior painting, cork tile elevator mats, lighting fixtures, etc., will be taken at a later date.

Property Purchased.
RESTAURANT Cost, $——
NAPA, Napa Co., Cal. Soscol Ave.
Construct new restaurant.
Owner—John Tamborini, Roma Hotel, Napa.
Architect—Not Given.
Present building on site to be razed. Further details will be announced at a later date.

Being Done By Day's Work.
ALTERATIONS Cost, $8000
FRESNO, Fresno Co., Cal. NW Fulton and Mono Streets.
Alterations to building (re-roofing, painting, etc.)
Owner—Goodman Bros., 1030 Golden Gate Ave., San Francisco.
Architect—Not Given.
Work is being done by day's labor by owner's own forces.

Contract Awarded.
RESTAURANT Cost, $4,000
SAN JOSE, Santa Clara Co., Cal. 938 The Alameda.
One-story frame restaurant.
Owner—M. H. Joyce, Los Angeles.
Architect—Not Given.
Contractor—George I. Thorp, 1080 S. 7th St., San Jose.

Contract Awarded.
ALTER STORES Cost, $5000
STOCKTON, San Joaquin Co., Calif. Main and Stanislaus Streets.
Alterations to two stores (new store fronts, glass, plastering, painting, decorating, etc.)
Owner—Stockton Savings & Loan Co.
Architect—Not Given.
Contractor—O. H. Chain, 41 S. Sutter Street, Stockton.

Low Bidders.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 1055 Market St.
Alterations to store for market (new front, terrazzo floors, refrigeration, etc.)
Owner—Withheld.
Architect—Frederick Reimers, 233 Post Street.
General Work—Fred. DuPuy, 110 Sutter Street.
Refrigeration—C. C. Moore, 450 Mission Street.
Electrical Work—Sterling Electric Co., 218 Clara Street.

Contract Awarded.
ALTERATIONS Cost, $8500
SAN FRANCISCO. 225 Bush Street.
Alterations to offices.
Owner—Standard Oil Co., 225 Bush St.
Architect—George Kelham, 315 Montgomery Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.

Contract Awarded.
STORE Cost, $8450
SAN RAFAEL, Marin Co., Cal. Fourth Street.
One-story reinforced concrete store building.
Owner—Geo. V. Kaenel, San Rafael.
Architect—Not Given.
Contractor—Ed. Beebe, 30 Center St. San Rafael.

Sub-Contracts Awarded.
BAR AND COCKTAIL ROOM Cost, $20,000
SAN FRANCISCO. Sutter and Powell Streets.
Bar and cocktail room in Arcade of hotel (painting, decorating, bar work, etc.)
Owner—Sir Francis Drake Hotel.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Electric—Chas. Langlais, 472 Tehama St., San Francisco.
Mill Work—Anderson Bros. Planing Mill, Quint and Custer Sts.
As previously reported, bar work contract awarded to Weber Showcase Co., 910 Howard St., San Francisco.

Contract Awarded.
STORE Cost, $3,000
FRESNO, Fresno County Cal. 1795 Broadway.
One-story frame store building.
Owner—Peerless Bean Sales & Service Co., 1864 H St., Fresno.
Architect—Not Given.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. N Jackson 69 W Davis Street.
Alterations to store building.
Owner—S. Maggini, 125 Jackson St.
Architect—Not Given.
Contractor—R. Follatti, 200 Cervantes Boulevard.

Contract Awarded.
STORE Cost, $5,000
SAN FRANCISCO. SE Mission and Acton Streets.
One-story frame store building.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Plans by Engineering Dept. of Lessee.
Lessee—Safeway Store Company.
Contractor—J. S. Malloch, 666 Mission Street.

Plans Completed.
OFFICE Cost, $3000
OAKLAND, Alameda Co., Cal. Ninth and B Streets.
One-story wood frame office building.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be asked in two weeks.

To Be Done By Day's Work.
ALTERATIONS Cost, $4,037
OAKLAND, Alameda Co., Calif. 6901 Foothill Boulevard.
Alterations and steel air lift ($2,807 and $1,230, respectively).
Owner — Chevrolet Motor Co., 6901 Foothill Blvd., Oakland.
Architect—Not Given.

Contract Awarded.
STORE AND APT. Cost, $4000
SAN FRANCISCO. S Irving St. 57 W Twenty-fifth Ave.
One-story frame store and apartment building.
Owner—Richmond Realty Co., Hearst Bldg., San Francisco.
Architect—Not Given.
Contractor—E. A. Janssen, Hearst Bldg., San Francisco.

Bids In—Held Under Advisement.
OFFICE, ETC. Cost, $ —
EMERYVILLE, Alameda Co., Calif.
One - story boiler room building and field office.
Owner—Shell Development Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner. Announcement will be made within a few days.

Contract Awarded.
ALTERATIONS Cost, $——
ARCATA, Humboldt Co., Cal. 9th and H Streets.
Alterations to bldg. (new plate glass front, stucco work, etc.)
Owner—Dr. Vernon L. Hunt, Arcata.
Architect—Not Given.
Contractor—Geo. H. Hugnin, Arcata

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Market, Post and Montgomery Streets.
Alterations for offices.
Owner—Crocker Estate Company.
Architect—F. Eugene Barton, Crocker Building.
Lessee—Schwabacher Company.
Contractor—Jacks and Irvine, 74 New Montgomery Street.
Roofing—Alta Roofing Co., 976 Indiana.
Glass—W. P. Fuller & Co., 301 Mission Street.

Plans Being Prepared.
ADDITION Cost, $2500
BERKELEY, Alameda Co., Cal. Shattuck and Addison Aves.
One-story concrete addition to building (70x12 ft.); (building known as Francis Shattuck Building).
Owner—Maxwell Hardware Co., 1320 Washington St., Oakland.
Engineer—J. H. Piatt, 2024 University Ave., Berkeley.
Construction will be handled by the owner.

18—WHARVES & DOCKS

PLANNED.
LOS ANGELES, Cal.—Los Angeles harbor commission appropriated $4,000 for subaqueous investigations and for the preparation of detailed plans and specifications for a new terminal structure to replace existing facilities at Berths 154-55, Los Angeles Harbor, used by the Pacific Steamship Lines and the Dollar Steamship Lines. The work will include the construction of a new wharf, a new shed and re-arranging of railroad tracks. The shed will be a steel frame structure, 120 ft. wide and 440 ft. long, with corrugated iron sides and a tar and gravel roof. The improvements will cost approximately $250,000. Work is scheduled to start early in May.

Bids Wanted—To Close April 15, 4:30 P. M.
EXTEND DOCK Cost, $159,000
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Plans and specifications may be obtained from above office upon deposit of $25.00.

Contract Awarded.
APRON Cont. Price, $18,741
SAN FRANCISCO. Pier No. 43.
New car ferry apron at Pier No. 43 (steel construction to replace the present apron).

Owner — State of California (Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor — Louis C. Dunn, Monadnock Building.
Complete bids published March 26.

19—MISC. CONSTRUCTION

PLANS BEING PREPARED

PHOENIX, Ariz.—State of Arizona is having plans prepared for a new grandstand to be erected on the state fair grounds in Phoenix, to replace the structure recently destroyed by fire. It will be a concrete and steel structure, 552x72 feet in area and 35 feet high. Cost estimated at $100,000. Work is expected to get under way early in May.

BIDS OPENED

EARP, Cal.—J. Herman Co., 1349 E. Vernon Ave., Los Angeles, submitted low bid to Metropolitan Water District, March 26, at $16,500, for furnishing and erecting complete one air cooling system at each of Division Headquarters Nos. 1, 2 and 3 of the Colorado River aqueduct. Division Headquarters No. 1 is located approximately 15 miles northeast of Earp; No. 2 approximately 17 miles northwest of Rice; No. 3 approximately 10 miles north of Desert Center. The bids follow:

J. Herman Co., (1) Division Headquarters No. 1, $3700; (2) Division Headquarters No. 2, $4610; (3) Division Headquarters No. 3, $8190; total, $16,500.

Lohman Brothers, (1) $3700; (2) $5200; (3) $9800; total, $18,700.

Jones Heating Co., (1) $3796; (2) $5275; (3) $9878; total, $18,949.

Rees Blow Pipe & Manufacturing Co., (1) $3853; (2) $5189; (3) $10,062; total, $19,104.

Carrier Engr. Corp., (1) $4414, (2) $5656, (3) $11,110; total, $21,180.

Preparing Working Drawings.

NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium.
Owner—City of Hayward.
Architect—James Narbett, 474 31st St. Richmond, and Geo. P. Simonds, 192 Main St., Hayward.

April 1, 1935

PLANS COMPLETED.

WESTERN STATES.—Ninth Corps Area Headquarters, Presidio of San Francisco, has announced that plans and specifications for the construction of sectional portable buildings for Civilian Conservation Camps will be procurable from "CCC District Commanders" about April 5. District offices and the number of camps to be constructed for each district are:

Medford, Ore., 1 camp; Vancouver Barracks, Wash., 3 camps; Ft. Lewis, Wash., 2 camps; Fort Geo. Wright, Wash., 4 camps; Fort Missoula, Montana, 4 camps; Lewiston, Idaho, two camps; Boise, Idaho, 3 camps; Fort Douglas, Utah, 1 camp.

Contract Awarded.

PLANT Cost, $——
RANDSBURG, Kern Co., Cal. Yellow Aster Mine.
1000-ton capacity syaniding plant at mine (wood frame buildings, redwood tanks, piping, pumps, etc.)
Owner—Anglo American Mining Corp., Mills Bldg., San Francisco.
Engineers — Hamilton Beauchamp & Woodworth, Inc., 564 Market St., San Francisco.
Contractor—J. E. Knapp Co., Balboa Bldg. and Western Machinery Co., 760 Folsom St., San Francisco.
Construction will start April 1.

PROPERTY PURCHASED

HUNTINGTON BEACH, Orange Co., Cal.—Radio Corporation of America has purchased 83 acres of land near Huntington Beach as the site for a communication station. Harold Porter, San Francisco, is divisional representative of the corporation.

BIDS OPENED

SAN FRANCISCO — San Francisco Oven Co., 1652 21st Ave., San Francisco, at $4740 submitted low bid to Department of Public Works for construction of bake ovens at the San Francisco Hospital, 23rd St. and Potrero Ave. Complete bids follow:

San Francisco Oven Co.	$4740
Barrett & Hilp	5496
J. P. Glaser Co.	6000
*Dee Engineering Co.	7000

*Bid declared irregular, no affidavit submitted.

BIDS OPENED

SACRAMENTO, Cal.—The Capital Lumber Co., 37th and R Sts., Sacramento offered $250 to Sacramento Bd. of Education for the buildings at the Highland Park School, Third Ave. and 24th St., Sacramento. Only other bid was submitted by F. M. Butterway, at $100.

Bids held under advisement.

Plans Completed.

ALTERATIONS Cost, $25,000
SAN FRANCISCO. Balboa Park; Ocean and San Jose Aves.
Alterations to park buildings.
Owner—Recreation Commission, 370 City Hall, San Francisco.
Architect — W. G. Merchant, Russ Bldg., San Francisco.

Contract Awarded.

FOUNDRY Cost, $23,000
OAKLAND, Alameda Co., Calif. B St. Parr Terminal.
One-story steel foundry.
Owner—American Manganese Steel Co. Premises.
Plans by Engineering Dept. of Owner.
Contrctor—Kelly & Tulloch, 335 8th St. Oakland.

BIDS OPENED.

PORTLAND, Oregon.—Ericksen and Klepp, Rainier, Ore., at $16,500 submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, March 29, under Bid No. 698-35-511, for constructing one 26x82-ft. wooden quarterboat and delivering afloat at the U. S. Government Moorings No. 8010 N.W. St. Helens Road, Portland.

Complete bids follow:

Ericksen & Klepp, Rainier	$16,500
Helser Machine & Marine W'ks Portland	18,349
Astoria Marine Const. Co., Astoria	19,240
Lake Union Dry Dock and Machine Works, Seattle	24,500
Engineer's estimate	18,550

Bids held under advisement.

PLANNED

LOS ANGELES, Cal. — Los Angeles City Council has under consideration a proposal made by Thomas Coombs, director-manager of the city planning commission, that a municipal automobile park be constructed in the area between Main, Los Angeles, First and Temple Sts. Plans call for a structure with three floors, mostly underground, to accommodate 3742 cars. Cost $532,000.

SANTA BARBARA, Cal.—City Electric Co., Santa Barbara, at $1,700 submitted low bid to Santa Barbara board of education for furnishing and installing public address and program service equipment at the Santa Barbara High School. Eleven bids were submitted and will be held under advisement for about two weeks.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, March 28, for furnishing 168,000 ft. board measure, 2-in x 6-in., No. 1 common rough Douglas fir lumber in random lengths of not less than 10 ft., under Specification No. 1642, as follows:

(a) f.o.b. bidder's shipping point or mill;
(b) f.o.b. cars or department's trucks Los Angeles Harbor District;
(c) f.o.b. cars Lone Pine, Calif.

Delivery is required to begin within 30 days and be completed within 40 days after date of award of contract.

The bidders were:

(1) Owens-Parks Lumber Co.—Discount, 2% 20 days.
(2) Rossman Mill & Lumber Co.,—Discount, 2% 20 days.
(3) Kerckhoff-Cuzner Mill & Lumber Co.—Discount 25c per M ft. 10 days.
(4) Hammond Lumber Co.—$4830, all rail. Terms net.
(5) Consolidated Lumber Co.—Terms net.
(6) Puget Sound Associated Mills, Inc.—Discount, 1% 30 days.
(7) McCormick Supply Co.—Discount 1% 20 days.
(8) Dougherty Lumber Co., % J. E. Perry——2% 30 days.
(9) Hayward Lumber & Investment Co.—Discount, 2% 30 days.
(10) Patten-Blinn Lumber Co.—Discount, 2% 10 days.
(11) Lonsberry & Harris Lumber Co. —2% 30 days
(12) Globe Lumber Co.—2%, 20 days mill value.
(13) E. K. Wood Lumber Co. (a) 2% 10 days, (b) and (c) 2% 10 days on mill value.
(14) California Forest Products Co.—Discount 2% 30 days.
(15) Patten-Blinn Lumber Co.—Alt. bid, Common grade; discount, 2% 10 days on $1596.
(16) Patten-Blinn Lumber Co.,—Alt. bid; discount, 2% 10 days on $1596; No. 1 common in 5 and 10 ft. lengths.
(17) Patten-Blinn Lumber Co.—Alt. bid; discount, 2% 10 days on $1670; No. 1 common and No. 2 common as specified.

The bids were:

	(a)	(b)	(c)
(1)	$.....	$3024.00	$.....
(2)	.....	3234.00	.....
(3)	.....	3108.00	.....
(4)	1680.00	2940.00	3906.00
(5)	1920.24	2852.64	3818.64
(6)	1992.00	2847.60	3822.00
(7)	1713.00	2755.00	.....
(8)	1755.60	2931.60	.....
(9)	2142.00	3099.60	5434.80
(10)	2184.00	2940.00	3906.00
(11)	.....	3015.60	.....
(12)	2016.00	2982.00	3948.99
(13)	1680.00	2940.00	3906.00
(14)	2352.00	3360.00	4368.00
(15)	.....	2856.00	3822.00
(16)	.....	2856.00	3822.00
(17)	.....	2800.80	3766.80

CONTRACT AWARDED.

SAN FRANCISCO.—Pittsburgh Equitable Meter Co., 2431 Peralta St., Oakland, at $15,799.50 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, for 2,150 water meters for the Water Department under Bid No. 855.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until April 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 673-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nevada, at the option of the bidder, one 180-ton transfer car for the Boulder Power Plant, Boulder-Canyon Project. The car will be assembled at the power plant by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50c not returnable.

BOULDER CITY, Nevada — Until April 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 674-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nevada, at the option of the bidder, 104 luminaires for the illumination of the main roadway over the Boulder Dam; and 34 luminaires for the roadways connecting the Boulder Dam and intake towers, Boulder Canyon Project. The luminaires will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50c not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO—Until April 12, 3 P. M., as previously reported, bids will be received by T. A. Brooks, Purchaser of Supplies, Room 251, City Hall, under Bid No. 1357, for furnishing steel rail, joints, plates, bolts, spikes and rods for the Municipal Railway, including:

(1) 50 gross tons 110-lb. rail;
(2) 150 pairs 36-in. 12-hole joint plates for 110-lb. rail;
(3) 185 gross tons 105-lb. rail;
(4) 20 pair compromise point plates, connecting 110-lbz. and 105-lb. rail;
(5) 4 kegs (200 lbs. each) 1-in. x 5-in. track bolts;
(6) 35 kegs (200 lbs. each) 9/16-in. x 5½-in. track spikes;
(7) 600 tie rods.

Specifications obtainable from the above office.

SAN FRANCISCO—Until April 19, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 251, City Hall, under Bid No. 1356, for furnishing 50,000 lin. ft. ¾-inch standard wrought steel galvanized water pipe.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE — Until April 11, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, Washington, D. C., under Schedule No. 3046 for furnishing miscellaneous supplies and materials, including:

Marble chips, brass dividing strips, clay sewer pipe, sewer-pipe Y's, copper bars, copper wire, snatch blocks, steam indicators, gauge glasses, fiber brooms, fiber waste baskets, hardwood tie plugs, current transformer, electric street-lighting fixtures, marine pull boxes, knife switches, snap switches, telephone cable, flax twine, braided cotton line, sulphate of iron and vertical electric dock capstan.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until April 10 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. Third St., Los Angeles, for the purchase of one model A2A gunite with 50-foot length of 1½-in. material hose and one model A2A gunite hopper only with parts missing. Bid No. S. M. 20. The equipment may be inspected at the District's warehouse, Indio. Forms for submitting bids may be obtained from the above office.

LOS ANGELES, Cal.—Until April 15 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. Third St., Los Angeles, for the purchase of two Pawling & Harnischfeger type M-2 underground shovels, each powered with two 40, one 15 and one 2½-hp. Westinghouse motors. Bid No. SM-18. The equipment my be inspected at the following camps: One shovel at Fargo Camp, 14 miles northeast of Indio, and one at Wide Camp, 15 miles east of Garnet. Forms for submitting bids may be obtained at the above office.

LOS ANGELES, Cal.—Until April 15 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent, Metropolitan Water District, 306 W. Third St., Los Angeles, for the purchase of excess stock of parts for IRN75 drifter drills under Bid No. SM 19. The material may be inspected at the District's warehouse, Indio. Itemized lists of the parts offered and forms for submitting bids may be obtained from the above office

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

ANGLES, steel; East and West Yards. Sch. 4611; April 12.
NAILS, steel wire; East and West Yards. Sch. 4606; April 12.
LATHE, motor-driven screw cutting lathe and spares; Mare Island. Sch. 4625; April 12.
CLOTHS, cotton wiping; East and West yards. Sch. 4624; April 12.
MAGNESIA, block and sheet; millboard, paper asbestos, pipe covering and plaster, magnesia; East and West yards. Sch. 4613; April 12.
BARS, steel; East and West yards. Sch. 4610; April 12.
CABLE, electric; East & West yards. Sch. 4597; April 12.
GAS, carbon dioxide, CO2; East and West yards. Sch. 4619; April 12.
ETHYL-CHLORIDE; East and West yards. Sch. 4617; April 12.
GAS, acetylene; East and West yards. Sch. 4616; April 12.
GAS, compressed oxygen, East and West yard. Sch. 4615, April 12.
GAS, compressed hydrogen; East yards. Scho. 4618, April 12.
WHISTLES, steam, spare parts, and special tools and wrenches; East and West yards. Sch. 4614, April 16.
VALVES, globe, angle, and stop check; East and West yards. Sch. 4634, April 16.
PACKING, 100 lbs. asbestos wick, San Diego; 60 lbs. rope asbestos packing, San Diego; 1,000 lbs. rope asbestos packing, Mare Island; 1,500 lbs. rope asbestos packing, Puget Sound. Sch. 4629; April 16.
BRICKS, insulating, 70,000 Mare Island; 10,000 Puget Sound. Sch. 4630. April 16.
CARBON, plate; East and West yards. Sch. 4635; April 16.
WIRE ribbon, copper, resistance; East and West yards. Sch. 4636; April 16.
CLOTH, sleeving and tape, insulating; East and West yards. Sch. 4637; April 16.
MICA, plate and tubing, pressed and sheet; East and West yards. Sch. 4640; April 16.
TAPE, friction and insulating; East & West yards. Sch. 4648; April 16.
GRAPHITE, lubricating; East & West yards. Sch. 4649; April 16.

Information obtainable from above office and from the 12th Naval District, 100 Harrison St., San Francisco.

CALIFORNIA STATE

SAN JOAQUIN and Stanislaus Cos., Cal.—Until April 8, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 47 North Grant St., Stockton, for the rental for approximately two months of one or more 40-hp. track-laying tractors, Diesel preferred, equipped with street plates, for use in connection with grading & scarifying equipment in San Joaquin and Stanislaus Counties.

Specifications and proposal forms

CANAL ZONE

PANAMA CANAL.—Until April 12, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington D. C., under Schedule No. 3045, for furnishing miscellaneous supplies and equipment, includ. motor truck, steel, cast-iron pipe, steel pipe, lead pipe, pump, pneumatic hoists, insulated cable, electric motors, oil testing sets, oil circuit breakers, glass reflectors, porcelain bushings, flashlights, insulating tape, assorted files, twist drills, adjutable dies, hand taps, chain bolts, brass screws, spring hinges, vises, "C" clamps, tinner's snips, cold chisels, scythe blades, water-coolers, post office seals (lead-and-cord) automobile tires, inner tubes, rubber matting, asphalt emulsion, prepared roofing and Southern yellow pine and Douglas fir lumber and timbers.

Specifications obtainable from above

PRISON BUREAU

ALCATRAZ ISLAND, Calif.—Until April 9, bids will be received by Warden, U. S. Penitentiary, Alcatraz Island, for furnishing one dishwashing machine with dish baskets and two dish tables; Schedule 309.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED.

SAN FRANCISCO. — Following bids received by Jas. T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second .St, under Contract No. 551, for furnishing and fabricating all the structural steel, bolts for field connections and superstructure for one 75-foot standard truss for Elk Creek Bridge.

Delivery fob bidder's shipping point and/or Hornbrook and/or bridge site, approximately 60 miles west of Hornbrook.

Judson-Pacific Co., fob San Francisco; $1,348; net. Delivery within 21 days.

Pacific Coast Steel Corp., fob Alameda, $1,390; net. Delivery in fifty days.

Golden Gate Iron Works, fob San Francisco, $1,300; ½% 10 days.

Schrader Iron Works, fob San Francisco, $1,394; net.

Herrick Iron Works, fob Oakland, $1,248; net.

Eureka Boiler Works, fob Eureka; $1,515; net.

Berkeley Steel Const. Co., fob Berkeley, $1,533; fob Hornbrook, $1,582; fob bridge site, $1,830; net.

Moore Dry Dock Co., fob Oakland, $1,334; net.

Western Iron Works, fob San Francisco, $1,426; net.

Minneapolis Moline Power & Implement Co., fob Minneapolis, $1,326; net.

Palm Iron Works, fob Sacramento, $1,256; net.

Bids held under advisement.

CONTRACT AWARDED

MARICOPA COUNTY, Ariz. — Wm. Peper, P. O. Box 1564, Phoenix, was awarded contract by the Arizona State Highway Commission, Phoenix, March 27 at $3659 for bridge construction on the Mesa-Superior Highway, AFE 8059 NRH 65 (1935). The work, which is located approximately 4 miles east of Mesa, consists of the widening of a concrete bridge over the Eastern Canal. Bids were opened March 22.

BIDS WANTED.

WASCO COUNTY, Ore.—Until April 11, 9 A. M., bids will be received by the Oregon State Highway Commission, R H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for construction of a timber bridge over Mill Creek on the Columbia River Highway in the City of The Dalles, Wasco Co., (State project).

The work involves approximately 1,000 l.f. fir piling; 6½ MFBM lumber, and 106 l.f. trestle superstructure.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACTS AWARDED.

STATE OF OREGON.—Contracts for highway construction were awarded by the Oregon State Highway Commission, Portland, March 28, as follows:

Malheur County: 2.36 miles grading on the Malloy Ranch - Idaho State Line Section of I-O-N Highway U. S. P. W. Project NRS 251. Awarded to Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $26,484.

The other bids were:

Edward F. Weber, Medford	$29,196
United Contr. Co., Portland	37,299
Brent Sturgill, Portland	38,538

Umatilla County: Bridge over Nelson Creek on the Old Oregon Trail Wye connection to the Cold Springs Highway in Pendleton, U.S.P.W. Project NRM 38-C. Awarded to W. W. McFarland, Canby, at $5,021.

The other bids were:

C. J. Montag & Sons, Portland	$5,045
Johnston & Howland, Newberg	5,108
Clifton & Applegate, Spokane	5,579
Louis Johnson, Portland	6,479

Malheur County: Bridge over Sucker Creek on Malloy Ranch-Idaho State Line Section of the I-O-N Highway, near Rockville, U.S.P.W. Project NRS 251. Awarded A. G. Plant & Co., Ontario, Ore., at $3,388.

The other bids were:

J. F. Johnston, Newberg	$ 8,751
W. W. McFarland, Canby	8,871
Fife & Co., Huntington	8,972
Louis Johnson, Portland	9,413
O. N. Pierce & Co., Portland	9,930
R. H. Jones, Baker	10,040
Morrison-Knudsen Co., Boise	10,321
United Contr. Co., Portland	10,377

BIDS OPENED

SAN FRANCISCO—Golden Gate Iron Works, 1541 Howard Street, at $2,369 submitted low bid to James T. Forster, Assistant General Purchasing Agent, Forest Service, 85 Second St., March 29, under Contract No. 555, for furnishing one 129-ft. 6-in. steel truss span of the North Fork American River Bridge in Tahoe Forest.

Complete bids follow:

Golden Gate Iron Works, San Francisco, $2,369.

Judson - Pacific Co., San Francisco, $2,713.

Minneapolis Steel & Mchy. Co., fob Minneapolis, $2,210.

Pacific Coast Steel Corp., San Francisco, $2,574.

Schrader Iron Works, San Francisco, $3,032.

Herrick Iron Works, Oakland, $2,944.

Moore Dry Dock Co., Oakland, $2,589.

California Steel Products Co., S. F., $2,647.

Western Iron Works, San Francisco, $2,850.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until April 17, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for the construction of a structural steel and concrete pedestrian overhead structure across the State Highway, about 0.5 mile northwest of Colorado Ave. in the City of Santa Monica.

The work involves:

(1) 130 cu. yds. structure excavation;
(2) 162 cu. yds. Class A Portland cement concrete in place;
(3) 14 cu. yds. Class A Portland cement concrete in place (slope pavement);
(4) 9000 lbs. bar reinforcing steel in place;
(5) 39,000 lbs. structural steel in place;
(6) 2170 lbs. cast iron in place;
(7) 452 lin. ft. furnishing treated Douglas fir piles, including test piles;
(8) 21 each driving treated Douglas fir piles, including test piles in place;
(9) 100 lin. ft. pipe hand rail complete in place;
(10) 58 sq. yds. soffit plaster in place
(11) 1 lot lighting equipment complete in place;
(12) 1 lot drainage equipment complete in place;
(13) 1 lot miscellaneous items of work

Plans and specifications obtainable from the above office.

BIDS WANTED

LAKE COUNTY, Cal.—Until April 8, 10 A. M., bids will be received by the Lake County Board of Supervisors W. M. Patterson, County Clerk, Lakeport, for furnishing labor and materials for further repairs to the Rodman Bridge on the Lucerne Cut-off.

Plans and specifications obtainable from above office upon deposit of $10.

BIDS WANTED

ORANGE COUNTY, Cal.—Until Apr. 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Trabuco Creek, 2 miles north of San Juan Capistrano, Orange County, consisting of three 48-ft. 0-in. spans and two 15-ft. 0-in. cantilever spans on concrete piers, and grading and paving approaches with Portland cement concrete.

The work involves:

(1) 375 c.y. concrete to be removed and disposed of;
(2) 350 l.f. pipe and wire bank protection fence to be moved and reset;
(3) 14 stations clearing and grubbing
(4) 360 c.y. excav. unclass. (roadway and detour);
(5) 11,000 c.y. imported borrow (roadway and detour);
(6) 1,000 c.y. excav., unclass. for dike
(7) 1,100 c.y. structure excavation;
(8) 3,150 sq. yds. subgrade for pave.;
(9) 14 stations finishing rdwy.;
(10) 3 tons liquid asphalt SC-2 prime coat (shoulders);
(11) 65 tons liquid asphalt SC-2 surface treatment (shoulders and detour);
(12) 5,300 sq. yds. preparing, mixing, and shaping shoulders and detour;
(13) 830 each pavement dowels;
(14) 630 c.y. Class A Port. cement concrete (pavement);

(15) 161,000 lbs. bar reinf. steel;
(16) 832 c.y. Class A Port. cem. conc. (structure);
(17) 12.5 c.y. Class F do (railing);
(18) 70 c.y. Class A do (slope paving);
(19) 86 l.f. 24-in. CMP;
(20) 80 l.f. temporary guard rail;
(21) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

SIERRA COUNTY, Cal.—John Carcano, 122 Clarinda Ave., San Rafael, at $32,781 submitted low bid to State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across the North Fork of the North Fork of the Yuba River at Downieville, consisting of two 40-ft., two 31-ft. and two 9-ft. spans on concrete piers, and grading roadway approaches.

The work involves:
(1) 1.3 acres clearing and grubbing right of way;
(2) 210 M. gallons water;
(3) 8,800 c.y. rdwy. excav., unclass.;
(4) 1,490 c.y. structure excavation;
(5) 126,000 sta. yds. overhaul;
(6) 67,500 lbs. bar reinf. steel;
(7) 455 c.y. Class A Portland cement concrete (structure);
(8) 12 c.y. Class F do (railing);
(9) 150 c.y. Class A Portland cement concrete (footing blocks);
(10) 62 l.f. 18-in. CMP;
(11) 95 c.y. sacked concrete riprap;
(12) 1,720 c.y. selected stone embankment;
(13) 1 lot misc. items of work.

Total bids follow:
(A) John Carcano, San Rafael, $32,781.00.
(B) Lord & Bishop, Sacramento, $40,749.50.
(C) Chas. Kuppinger, Lakeport, $40,999.00.
(D) Alfred H. Vogt, San Francisco, $42,682.33.
(E) Bodenhamer Const. Co., Oakland, $48,914.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$600.00	$100.00	$100.00	$100.00	$100.00
(2)	1.00	1.50	1.50	1.25	1.00
(3)	.60	1.25	1.00	.85	1.50
(4)	2.50	3.00	3.50	4.50	3.00
(5)	.005	.01	.01	.005	.02
(6)	.05	.045	.05	.055	.05
(7)	25.00	24.00	22.00	27.00	20.00
(8)	25.00	50.00	30.00	50.00	45.00
(9)	20.00	15.00	16.00	23.00	20.00
(10)	.50	1.00	2.50	2.00	2.00
(11)	15.00	11.00	13.00	12.00	15.00
(12)	1.50	3.00	4.00	3.00	6.00
(13)	250.00	500.00	600.00	1000.00	500.00

April 4, 1935

TO PREPARE PLANS

LOS ANGELES, Cal.—City Engineer Lloyd Aldrich has been authorized to prepare plans for the Alisо Street Viaduct, estimated to cost about $2,640,000. The proposed viaduct will carry Alisо street over the Los Angeles River, the Santa Fe Railway, and the Union Pacific Railway tracks, extending from Vignes St. to Ramona Blvd. An arm of the structure carrying the Pacific Electric Railway tracks will leave the highway portion at the point where the latter returns to grade at Mission Road, and will exend to Ramona Blvd. crossing Mission Road and the intervening area. The railroad portion of the bridge will be 2350 ft. in length and the highway portion 1600 ft.. The structure will be of reinforced concrete construction with arch spans over the river and girder spans on approaches. Detailed designs will be worked out by R. W. Stewart, Chief Bridge Engineer, and Hugo H. Winter, Assistant Chief Bridge Engineer.

22—DREDGING HARBOR WORKS EXCAVATION

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho—Morrison-Knudsen Co., P. O. Box, 1518, 318 Broadway, Boise, at $92,388 submitted low bid to the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 614, for the construction of structures, South Canal, Station 0 to Station 736, Succor Creek Division, Owyhee Project, Oregon-Idaho. The work is located near Adrian, Oregon, and Homedale, Idaho.

Barnard - Curtiss Co., Minneapolis, at $104,368 submitted second low bid, and the United Contracting Company, Portland, at $129,940 submitted third low bid.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $9740 submitted low bid to the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 669-D, for the construction of earthwork and structures, Kingman Main Drain and Kingman Drain 2.23, Mitchell Butte Division, Owyhee Project, near Adrian, Oregon.

Flaherty & Co., Spokane, at $11,684 submitted second low bid.

Haas, Doughty & Jones, San Francisco, at $12,148 submitted third low bid.

CONTEMPLATED

OAKLAND, Cal.—Chamber of Commerce committee (Robert M. Saylor, Chairman) estimates cost of constructing yacht harbor and bathing beach on western waterfront to exceed $300,000. Recommended site will be announced shortly.

Bids Wanted—To Close April 8, 2 P. M.

SEAWALL Cost, $5000
NORTH COVE, Washington.
Reinforced concrete seawall at Willapa Coast Guard Station (250 ft. long, 10 ft. high).
Owner—United States Government.
Plans by Andre Fourchy, Associate Civil Engineer, Government Island, Oakland.

Plans and specifications may be obtained from Mr. Fourchy. No deposit required.

CONTRACT AWARDED.

PORTLAND, Ore.—A. W. Norblad, Jr., 515 Commercial St., Astoria, Ore., at $15,800 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 35-495, for removal of about 99,000 c.y. of sand and silt, and 23,600 c.y. of gravel and boulders in Multnomah Channel, a waterway connecting the Willamette River at a point about 9 miles below Portland, with the Columbia River, near the town of St. Helens, about 26 miles below Portland.

23—IRRIGATION PROJ.

BIDS WANTED

YUMA, Arizona—Until April 25, 10 A. M., bids will be received by the Bureau of Reclamation, Yuma, Ariz., under Spec. No. 621, for the construction of earthwork, All-American Canal, Station 1860 to Station 3090+75, Boulder Canyon Project.

The work is located from 18 miles to 43 miles southwest of Yuma, Ariz., and from 10 miles east to 35 miles northeast of Calexico, Calif., and involves 11,261,400 c.y. of common excavation, divided as follows:

(Note the following quantities are preliminary and will be revised later to conform to final specifications.)

SCHEDULE I
Station 1860 to Station 2170
2,430,000 c.y. common excavation;
SCHEDULE II
Station 2170 to Station 2740
5,080,000 c.y. common excavation;
SCHEDULE III
Station 2740 to 3090+75
3,472,000 c.y. common excavation.

The work shall be started within 30 calendar days after receipt of notice to proceed and shall be completed within 950 calendar days from date of such notice. A performance bond is required in the sum of 50% of estimated aggregated payments to be made under the contract. Liquidated damages in the sum of $250.00 for each schedule will be assessed for each calendar day of delay not excusable pursuant to Article 9 of the Government Form No. PWA 51.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Arizona; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1, not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until May 1, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 619, for the construction of earthwork and structures, South Canal, Station 736 to Sation 1340, and Souh Canal Lateral 17.7, Succor Creek Division, Owyhee Project, Oregon-Idaho. The work is located near Homedale, Idaho.

The work involves:
(1) 578,800 cu. yds. all classes of excavation for canal;
(2) 11,000 cu. yds. all classes of excavation for structures;
(3) 25,000 sta. cu. yds. overhaul;
(4) 30,000 cu. yds. backfill;
(5) 2220 cu. yds. concrete in structures;
(6) 1500 sq. yds. dry-dock paving;
(7) Placing 205,000 lbs. reinforcement bars;
(8) Laying 760 lin. ft. 18-in. to 30-in. diameter concrete pipe;
(9) Erecting 12 MFBM timber in structures;
(10) Installing 20,500 lbs. gates and miscellaneous metal work.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, Oregon; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $3 not returnable.

24— STREET LIGHTING SYSTEMS

CONTEMPLATED.

GUSTINE, Merced Co., Calif.—The Gustine Union High School District contemplates the installation of a new lighting system for the school's athletic field. Plans call for ten poles surrounding the entire athletic field, each pole carrying eight 1500-watt lamps. Estimated cost, $3,000. E. W. Conrey, engineer for the San Joaquin Light & Power Co., has made a preliminary survey of the project.

CONTRACT AWARDED

SAN MATEO, Cal.—L. N. Zant, 152 B St., San Mateo, at $585 submitted low bid and awarded contract by the San Mateo City Council for furnishing and installing a lighting system at the Baseball Park, San Mateo.

Atlas Electric Co., San Mateo, at $605 submitted only other bid.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SACRAMENTO, Cal.—Following bids received by State Purchasing Agent, Sacramento, under Quotation No. 45,-501, Req. No. HS 9448, for furnishing one portable air compressor, skid-mounted, for installation on truck chassis.

The Rix Co. (No. 210 LeRoy-Rix): $2738; 7 days delivery.

Chas. Cooper & Co. (Buhl WB No. 220): $2800; 15 days delivery; 1% 30 days, plus tax.

Edw. R. Bacon Co., San Francisco (Schramm) $2960; 10 days delivery.

Gardner Denver Co., San Francisco (Gardner-Denver WFB No. 210) $2,-960; 8 days delivery.

Ingersoll Rand Co., San Francisco (I-R) $2960; 1 day delivery.

Chicago Pneumatic Tool Co., S. F., (CPT) $2960; 15 days delivery.

Sullivan Mchy. Co., San Francisco, (Sullivan WK600 Mod. No. 210) $3,-235; 10 days delivery.

Worthington Co., S. F. (Worthington) $3160; 2 days delivery.

Delivery fob Division of Highways, Shop Headquarters, Sacramento.

Bids held under advisement.

BIDS OPENED.

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., March 28, under Spec. No. 670-D for furnishing and delivering fob cars at the shipping point or at Boulder City, one used diesel engine powered tow boat with reconditioned or rebuilt equipment for service on Boulder Reservoir, Boulder Canyon Project:

P. B. Hackley Equipment Co., fob San Francisco, informal bid of $13,000. The bid is for a used boat, larger than specifications call for, and does not state how old the boat is.

Tregoning Boat Co., fob Seattle, $16-500; $1,500 extra for steel hull; $220 deduction of Buda Diesel engine is acceptable. The bid is for a new boat built to meet specifications.

Bids held under advisement.

BIDS OPENED.

ALAMEDA COUNTY, Cal.—Following bids received by the Department of Public Works, Division of Highways Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, March 29 for the rental of one pneumatic-tired dump truck, chassis weight not less than 2,800 lbs., body capacity not less than 1½ c.y. and not over 4 years old, for approximately 600 hours, to be used in the vicinity of Alameda Co.

(a) hand loading; (b) power loading.

(a) $1.25; (b) $1.40: Malcolm Ryals, Pasadena;

(a) $1.50; (b) $1.77: N. P. VanValkenburgh, Los Angeles

(a) $1.50; (b) $1.91: Norman Flaherty, Berkeley;

(a) $1.62; (b) $1.75: Daniel Gallagher, San Francisco;

(a) $1.62; (b) $1.80: W. L. Morgan;

(a) $1.64; (b) $1.80: Jim A. Alexander, Oakland;

(a) $1.64; (b) $1.91: Fred McCoy, Downey; Manuel P. Alves and F. Moreno, San Lorenzo; Gary R. Starkenburg, San Bernardino; C. H. Sperring, Whittier, and V. S. Boren, Hollywood.

(a) $1.67; (b) $1.80: Fae Erickson, Lomita Park; Arthur C. Bussey, Riverside; A. O. Field, San Francisco; Epperson Drayage Company, Woodland; Lloyd Darton, San Bernardino; E. Barbettini, Oakland; Arthur Wallgren, San Francisco; H. E. Van Kruze Monte Rio; L. Green, Oakland; R. L. Miller, Oakland; M. H. Reynolds, Alameda; Hayward Bldg. Supply Company, Hayward; Paul J. Triplet, Oakland; E. E. Myers, Chico; Hawyard Bldg. Materials Co., Hayward; Joe Cunha, Hayward; Perry Brown, Alameda; Rock & Gravel Trucking Co., Oakland; Truck Contr. & Equip. Co., Hayward; Eugene D. Rosa, Martinez; F. W. Totten, Oakland, and A. Texeira, Oakland;

(a) $1.67; (b) $1.81: Ware Bros., San Bernardino.

(a) $1.67; (b) $1.83: F. Mullineaux, Oakland.

(a) $1.67; (b) $1.86: Bruno Skibo, Oakland.

(a) $1.85; (b) $1.98; Paul Entrelmont, Colusa.

(a) $2.22; (b) $2.47: Louis Lambretti, Mill Valley.

All bids held under advisement.

BIDS OPENED.

OAKLAND, Alameda Co., Cal.—B. L. Delavietta, 823 Washington Street, Oakland, at $0.64 per hour submitted low bid to the Oakland City Council for rental of dump trucks to be used on SERA curb work. Complete bids follow:

B. L. Delavietta, $0.64; alt., $0.79.
Bruno Skibo, Oakland, $0.695.
Oakland Builders Co., Oakland, $0.81
J. A. Alexander, $0.82.
L. B. Andrews, Oakland, $0.85.
John Kemble, $0.85.
L. M. Clough, Oakland, $0.85.
L. Green, Oakland, $0.85.
H. J. Kennedy, $1.40.
Bids held under advisement.

CONTRACT AWARDED.

PEARL HARBOR, T. H.—Walker & Olund, Honolulu, at $4,770 awarded contract by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., under Spec. No. 7854, for the construction of extensions to the crane runway at the Submarine Base, Pearl Harbor, T. H.

CONTRACT AWARDED.

LUALUALEI, T. H.—W. P. Thurston Co., Richmond, Va., at $19,270 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 7801, for motor and hand operated winches for antennas at the Naval Radio Station, Lualulei, T. H.

BIDS OPENED

SAN CARLOS, Ariz.—Bids for furnishing overhead bridge cranes for the San Carlos Indian Reservation, near Coolidge, Ariz., under Bid No. 0152, were opened by the U. S. Indian Irrigation Service, 5th floor, 751 S. Figueroa St., Los Angeles, April 2.

The bids were taken as follows:

(1) one only overhead bridge crane with hand operated bridge, trolley travel and hoist mechanism, complete;

(2) one only overhead bridge crane the same as specified under item (1) above, except with electrically operated hoist mechanism, com-

The bids were:

The bid were:

Euclid-Armington Corp., Euclid, O.: (1) $2770, total shipping weight, 18,000 lbs.; (2) $4135, total shipping weight, 20,000 lbs. Deliveries fob cars Euclid, Ohio, within 30 days. Erection within 7 days. Terms net.

Harnischfeger Sales Corp., 4400 W. National Ave., Milwaukee, Wis.: (1) no bid; (2) $4345, total shipping weight 26,300 lbs. Delivery fob cars Coolidge, Ariz., within 60 days. Erection within 14 days. Terms net.

Judson-Pacific Co., 609 Mission St., San Francisco: (1) $2750, total shipping weight 16,000 lbs. Delivery fob cars San Francisco within 30 days. Erection within 4 days; (2) $3725, total shipping weight 18,000 lbs. Delivery fob cars San Francisco within 30 days. Erection within 8 days. Terms net.

Shaw-Box Crane & Hoist Co., Inc., Muskegon, Mich.: (1) $2130, total shipping weight 15,000 lbs.; (2) $2882, total shipping weight 16,000 lbs. Deliveries fob cars Muskegon within 30 days. Erection within 4 days.

O. S. Stapley Co., Box 1356, Phoenix, Ariz. (Robbins & Myers, mfgrs.): (1) $2805, total shipping weight 22,-000 lbs.; (2) $3502.50, total shipping weight 22,000 lbs. Deliveries fob Coolidge, Ariz., within 36 days. Erection within 41 days. Terms net.

BIDS OPENED

BISHOP, Inyo Co., Cal.—Following bids received by State Purchasing Department, Sacramento, for furnishing tractor for Bishop. Quotation No. 45443, Requisition No. 308.

Smith Booth Usher, Los Angeles	
(list price)	$2695
(trade-in allowance	790
(net)	1905
2%, thirty days.	
Crook Co., Los Angeles	2792
	526
	2266
2% thirty days.	
J. D. Adams Co., San Francisco	2821
	550
	2271
5%, thirty days.	
Shepherd Tractor & Equipment Co., Los Angeles	$2955
(Caterpillar 40)	3655
(Diesel 40)	3655
(Diesel 35)	2425
Allowance	525
2%, thirty days.	

BIDS OPENED

SAN DIEGO, Cal.—Identical bids at $4000, two per cent. thirty days, were submitted by the following to the State Purchasing Department for furnishing motor grader for San Diego, under Quotation No. 45444:

Weaver Rye (Caterpillar).
Austin Western Road Machinery (77 Junior).
Brown Bevis Equipment Co. (Weir)
J. D. Adams (No. 301)
Smith Booth Usher (Gallion).
Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Bruno Skibo, 145 Lake St., Oakland, at $0.695 per hour awarded contract by Oakland City Council for the rental of dump trucks to be used on SERA curb work.

BIDS OPENED

REDDING, Shasta Co., Cal.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation No. 45520, Req. No. 1-8748, for furnishing four 110-gal. asphalt kettles.

(1) price each; (2) total.

Spearswell Co., Oakland, (1) $270; (2) $1,080; plus tax. 15 days delivery.

Aeirol Burner Co.: (1) $285; (2) $1,-140; 40 days delivery, 1% 30 days.

Harron, Rickard and McCone, San Francisco: (1) $288.43; (2) $1,153.72; 14 days delivery.

Edward R. Bacon Co., San Francisco: (1) $294; (2) $1,176; 30 days delivery; 5% 30 days.

Peerless Mchy. Mfg. Co., Oakland: (2) $1250; 30 days delivery; 2% ten days.

A. L. Young Mchy. Co., San Francisco: (1) $329; (2) $1,316; 28 days delivery.

Delivery fob Shop 2, Redding.

26—— RAILROADS

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—Biasitto Willard & Biasotti, 40 W. Clay St., Stockton, at $6443.04 award-

ed contract by Stockton Port Commission for building extensions to railroad drainage and road system for the Stockton Port District. Complete bids follow:

Biasotti Willard & Biasotti, Stockton $6413.04
A. D. Schrader, San Francisco 7485.00
Eddy Electric Co., Stockton 8167.00
Rodenhamer Constr. Co., Oakland 8950.00

28 — FIRE EQUIPMENT

BIDS WANTED

HEALDSBURG, Sonoma Co., Cal.—Until April 15, bids will be received by the Healdsburg City Council for furnishing a 1½-ton standard pumper truck for the Fire Department.

The vehicle will have a 350-gal. rotary type pump, transmission mounted, hose basket with 900 ft. of 2½-inch hose, a smaller basket overhead with 300 ft. of 1½-in. hose, a 16-foot suction hose connected to pump in the left side and carried around the front of the truck to the right side; 200 feet of 1-inch hose permanently connected to the pump and mounted on a reel, replacing a chemical outfit.

Specifications obtainable from above office.

CONTEMPLATED

SUNNYVALE, Santa Clara Co., Cal.—The Sunnyvale City Council contemplates the purchase of a 1½-ton chassis truck for the fire department. Hose bed, water tank, and pump will be assembled by the fire department.

30—RESERVOIRS & DAMS

BIDS WANTED.

EUREKA, Humboldt Co., Cal.—Until April 23, 8 P. M., bids will be received by the Eureka City Council, City Hall, Eureka, for construction of the Mad River Water Supply System, including concrete arch dam, 20-mile pipeline and terminal reservoir.

The project is financed by proceeds of bond issue already sold, amounting to approximately $1,000,000 and PWA grant of 30% material-labor cost. Total cost estimated at $1,224,000.

Bids will be received for construction of three separate units as follows (1) Headworks; (2) Pipe Line; (3) Terminal Reservoir. Awards may be made for any section or for the project complete.

Headworks unit includes construction of variable radius arch dam of reinforced concrete on a site on the Mad River about four miles south of Korbel and twenty-four miles from Eureka and outlet tunnel nine feet in diameter and 2400 feet in length thru rock formation to be concrete lined. Access road about 7 miles in length must be constructed by contractor, a portion of which will be over an existing logging railroad right of way, from which rails are to be removed. The dam will be 130 feet in height from foundation to crest and 550 feet in length at the crest.

The Pipe Line unit includes laying 46,100 feet of 24-inch redwood stave pipe, 39,600 feet of 24-inch steel pipe, 19,550 feet of 21-inch steel pipe and short lines of 18- and 12-inch pipe to connect existing portions of the distributing and storage system in the city of Eureka. Construction of two suspension bridges to carry the line across the Mad River and various small steel and concrete trestles across gulches is required. The pipe is to be laid above ground except for a section of 775 feet in tunnel near Arcata.

Terminal Reservoir unit includes construction of 5,000,000 gallon reservoir at Eureka together with inlet and outlet piping.

Bids will be received as follows:

HEAD WORKS UNIT
Excavation

(1) 27,000 c.y. Class I,
(2) 8,000 c.y. Class II;
(3) 3,000 c.y. Class III;

Foundation Grout Holes

(4) 1,000 l.f. drilling, per l.f.
(5) 60 grout pipe assemblies, each;
(6) 300 c.f. cement as grout, per c.f.;

Dam Structure

(7) 22,000 c.y. concrete per c.y., Class C;
(8) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;

Contraction Joints

(9) 3,800 l.f. grout pipe, per l.f.;
(10) 22 outlets assemblies, each,
(11) 1440 l.f. copper water stops, per lin. ft.;
(12) 1450 steel grout stops, per l.f.;
(13) 300 c.f. cement as joint grout mixture, per c.f.;
(14) by-pass pipe structure installed complete, lump sum;
(15) 22,000 lbs. reinf. steel installed, per pound;
(16) 16,600 lbs. structural steel, do;
(17) weir boards with chains installed complete, lump sum;
(18) foot bridge, installed complete, lump sum;

Tunnel, Excavated and Concrete Lined Complete, Except Steel

(19) 1980 l.f. of Section 1;
(20) 200 l.f. of Section 3A;
(21) 200 l.f. of Section 3-B;
(22) 400 l.f. steel tunnel supports left in place, per l.f. of tunnel;
(23) 486,000 lbs. reinforcing steel, per lb. installed;
(24) cement, in case of increase or decrease from specified requirements add or deduct, per c.f.;
(25) 100 grout pipe connections complete, each;
(26) 400 c.f. cement content of grout placed in tunnel section 3B per cu. ft.;
(27) 1500 c.f. of cement as cement content of gunite stabilizing coat of tunnel lining in place, per c.f.;

Tunnel Inlet Tower
Excavation

(28) 16,000 c.y. Class A;
(29) 200 c.y. Class B;

Structure

(30) 420 c.y. Class B concrete, per c.y. in place;
(31) cement, in case of increase or decrease from specified requirements add or deduct, per c.f.;
(32) 34,000 lbs. reinforcing steel installed, per lb.;
(33) Control tower accessories including structural steel guides, stop logs, screens, ladders, vent pipe by - pass and drain pipes and valves installed complete, lump sum;
(34) wood cover installed complete with screens and railing, lump sum;
(35) foot bridge installed complete, lump sum;

Tunnel Outlet Portal Structure

Excavation

(36) 4000 c.y. Class A;
(37) 200 c.y. Class B;

Structure

(38) 50 c.y. Class B concrete in place, per c.y.;
(39) 15 c.y. Class C do;
(40) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(41) 8000 lbs. reinf. steel, installed per pound;
(42) 380 l.f. 24-in. dia. cleanout and outlet pipe, installed per l.f.,
Alt. (a) centrifugal concrete lined and gunite coated steel pipe,
Alt. (b) cement wrapped steel duroline pipe,
Alt. (c) cement wrapped bituminous lined steel pipe,
(43) 2 24-in. gate valves installed, ea.,
(44) 1 cast steel manhole frame and cover installed complete;
(45) 1 steel bulkhead installed, comp.,

PIPE LINE UNIT
Wood Stave Pipe

(46) 46,100 l.f. 24-in continuous stave redwood pipe with 2 bands per l.f. installed complete on supports, per l.f.;
(47) 91,000 additional bands complete, installed, each;
(48) 500 c.y excavation for drainage or stream channel change, per cu. yd.;

Suspension Bridges

(49) 330 c.y. foundation excavation, per c.y.;
(50) 550 c.y. anchor excavation, per cu. yd.;
(51) 630 l.f. piles in place in foundation, per l.f.;
(52) 390 c.y. Class B concrete, per cu. yd.;
(53) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(54) 16,000 lbs. reinf. steel in place, per pound;
(55) 43,500 lbs. structural steel in towers and cast steel saddles complete in place, per lb.;
(56) cables, suspenders, structural steel in anchors, the floor system, exclusive of pipe line complete in place. Crossing No. 2, lump sum;
(57) cables, suspenders, structural steel in anchors, the floor system, exclusive of pipe line complete in place. Crossing No. 3 lump sum;

Steel Pier and Girder Crossings

(58) 82,500 lbs. structural steel girders and piers erected in place, per lb.;
(59) 1500 lbs. reinf. steel in concrete piers in place, per lb.;
(60) 420 c.y. Class B concrete in footings, piers, abutments, and anchor and junction blocks including excavation place, per c.y.;
(61) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(62) 28 concrete piles in place, each;

Wood Stave Pipe Accessories

(63) 10 blow-off valve assemblies, installed complete, each;
(64) 100 lin. ft. 4-in. cast iron pipe in excess of 4 ft. in blow-off valve assembly, installed per l.f.;
(65) 29 air and vacuum valve assemblies, installed with housing, complete, each;
(66) 4 20-in. gate valves installed with housing complete, each;
(67) 1440 l.f. of plank foot walk on trestles, complete in place, per l.f. of trestle;

Lined and Concrete Coated Steel Pipe

(68) 39,600 l.f. of 24-in. dia. pipe line installed in trench, per lin. ft.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(69) 775 l.f. of 24-in. dia. pipe line in tunnel installed complete, includ. tunneling, timbering, concrete backing and earth cover, per lin. ft.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous

lined steel pipe;
(70) 19,550 l.f. of 21-in. dia. pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(71) 1245 l.f. 18-in. dia pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(72) 1170 l.f. 12-in. dia. pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;

Under Water Crossings

(73) 62 piles, 20 ft .or less in length, in place, each;
(74) pling required in excess of 20 ft. in length in place, per l.f.;
(75) 510 l.f. concrete support for 24-in. dia. pipe, complete per l.f.;
(76) 75 l.f. concrete support for 21-in dia. pipe complete, per l.f.;
(76½) 400 l.f. timber grillage pipe support installed per l.f.;

Lined and Concrete Coated Steel Pipe Accessories

(77) 150 expansion joints, in excess of standard joint on 24-in. dia. pipe, each;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(78) 100 expansion joints, in excess of standard joint on 21-inch diam. pipe, each;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(79) 95 c.y. Class B concrete in anchor blocks in place, per c.y.;
(80) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(81) 12 blow-off valve assemblies, installed complete, each;
(82) 21 air release and vacuum valve assemblies installed complete, each;
(83) 7 20-inch gate valves, installed with concrete encasement, each;
(84) 1 18-inch gate valve, installed with concrete encasement, each;
(85) 1 12 - inch gate valve, installed complete, each;
(86) 1 12-inch check valve, installed complete, each;

Concrete Manholes for Blow-off Valve Assemblies Complete of Two Types

(87) 6 MH with wood covers, each;
(88) 6 MH with C.I. frames and covers, each;

Concrete Manholes for Air Release and Vacuum Valve Assemblies, Complete, of Two Types

(89) 8 MH with wood covers, each;
(90) 13 MH with C.I. frames and covers, each;

Gate Valve Manholes Complete, of Two Types

(91) 4 MH with wood covers, each;
(92) 5 MH with C. I. frames and covers, each;
(93) chlorination bldg. complete with all appurtenances and equip., lump sum;

TERMINAL RESERVOIR UNIT

(94) 7800 c.y. reservoir excavation, per cu. yd.;
(95) reservoir unit, complete, except excavation, includ. moving and reconnecting of existing steel tank, constructing new reservoir with all inlet and outlet piping, control valves, overflow outlet and drain pipes, drains and manholes, etc., for the lump sum with the type of pipe proposed as follows:
Alt. (a) with centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) with cement wrapped steel duroline pipe;
Alt. (c) with cement wrapped bituminous lined steel pipe.

In case delivery of carload lots of material for incorporation in the Head Works Unit is made in any other manner than by rail shipment between Arcata and Korbel, then deduct the lump sum of .....

In case delivery of carload material for incorporation in that portion of the Pipe Line Unit southerly from Engineers Station 180 is made in any other manner than by rail shipment between Arcata and Korbel, then deduct the lump sum of.....

Plans and specifications are on file at the office of C. C. Kennedy, consulting engineer, Room 548, Call Bldg., San Francisco, and at the office of the city engineer, Eureka.

Copies will be available to prospective bidders at the office of City Clerk A. Walter Kildale, Eureka, upon payment of $25 per set. There will be no refund on returned sets.

BIDS WANTED.

BONNEVILLE, Ore.—Until April 23, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams, District Engineer, under Bid No. 698-35-547, for excavation of the lower lock approach canal, and the excavation and lining of the fishway at Bonneville.

The work consists of the excavating, hauling and placing of materials, shaping and dressing disposal areas and berms, placing and compacting fishway lining and all incidental work required on or in connection with the construction of the lower lock approach canal and fishway.

The work involves:
(1) 2 acres clearing;
(2) 75,000 sq. ft. grubbing;
(3) 160,000 c.y. Class A excavation;
(4) 260,000 c.y. Class B excavation;
(5) 3,500,000 sta. yds. overhaul;
(6) 11,000 sq. yds. fishway lining.

Information obtainable from the U. S. Engineer Office, 341 Pittock Block, Portland.

31 — PIPE LINES & WELLS

BIDS WANTED

TORRANCE, Los Angeles Co., Cal. —Until April 16, 7:30 P. M., bids will be received by the Torrance City Council for drilling one or two rotary type, gravel envelope water wells, 16-in. to 12-in. diameter, of approximately 700 ft. in depth, complete with casing and test. Specifications may be obtained from F. B. Leonard, city engineer, Torrance, upon deposit of $5. A file copy may be seen after Mar. 31 at the office of Taylor & Taylor, consulting engineers, 725 S. Spring St., Los Angeles. Certified or cashier's check, 10%. A. H. Bartlett, City Clerk.

ELECTION.

TULARE COUNTY, Cal.—An election will be held in cities of Porterville, Lindsay, Tulare and Corcoran, on May 10 for the formation of the Central Counties Municipal Utility District and for election of a board of directors for the district if created.

Alfred J. Elliott, Chairman of the County Board of Supervisors.

As previously reported, H. L. Hinkel of Los Angeles, has prepared preliminary estimate of $380,000 as cost of constructing supply pipe line from natural gas field at Eudley Ridge to serve the four cities.

32—SEWERS & SEWAGE DISPOSAL PLANTS

March 29, 1935

BIDS OPENED.

LOS ANGELES, Cal.—Gogo & Rados 10,024 S. Figueroa St., Los Angeles, at $9,200 submitted low bid to the Los Angeles Board of Public Works for the relocation of 36-in. sewer in right of way east of Soto Street at Los Angeles river, Vernon.

BIDS WANTED.

STOCKTON, San Joaquin Co., Cal. —Until April 8, 5 P. M. (to be opened at 8 P. M.) as previously reported, bids will be received by the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for the construction of a sanitary sewer main in "F" Street from the Linden Road south to Miner Ave., and in Miner Ave. from "F" St. easterly to the easterly city limits. Estimated cost, $4,000.

Plans and specifications obtainable from the office of the city clerk or the city engineer.

CONTRACT AWARDED.

SEATTLE, Wash.—Queen City Construction Co., 603 18th So., Seattle, at $232,026 awarded contract by the Seattle Board of Public Works for the construction of the Laurelhurst Trunk Sewer.

COMPLETING SPECIFICATIONS

SAN MATEO, Cal. — Specifications for construction of outfall sewer to cost $143,000 will be completed about June 1. Bids will be called immediately after approval by the Federal Public Works Administration. Project financed by $85,000 bond issue and $38,000 PWA grant and funds contributed by City of Hillsborough. City Manager E. P. Wilsey is in charge.

33— WATER WORKS

March 29, 1935

CONTRACT AWARDED.

BEVERLY HILLS, Los Angeles Co., Cal.—John Grancich, 1117 N Gage St., Los Angeles, at $14,999.50 awarded contract by Beverly Hills City Council for furnishing and installing 3700 feet of 12- 14- and 16-in. cast iron pipe water main.

Salisbury, Brawshaw & Taylor, 745 Petroleum Securities Bldg., Los Angeles, consulting engineers. 33

PLANS APPROVED.

ROSEVILLE, Placer Co., Cal.—City council has approved amended plans and specifications, prepared by Engineer John A. Shields, for improvements to the second unit of the municipal water system. Plans will be forwarded to the PWA office in San Francisco for approval. 33

BIDS WANTED

TORRANCE, Los Angeles Co., Cal. —Until April 23, 7:30 P. M., bids will be received by the Torrance City Council for constructing a 250,000-gal. elevated steel tank, and tower, in accordance with plans and specifications which may be obtained from F. B. Leonard, City Engineer, upon de-

posit of $5. A file copy may be seen after March 31, at the office of Taylor & Taylor, consulting engineers, 725 So. Spring St., Los Angeles. Certified check or cashier's check, 10% The proposed tank will be of cylindrical semi-elliptical bottom, with tower 170 ft. high to top of tank. Bidders are requested to submit their own specifications. A. H. Bartlett, City Clerk.

BONDS VOTED.

SEAL BEACH, Orange Co., Calif.—The $30,000 bond issue to finance the construction of a municipal water system carried at the special election March 29. Victor Hayes, 302 E. Anaheim St., Long Beach, is the engineer.

BIDS WANTED.

CARMICHAEL, Sacramento Co. Cal.—Until April 8, 8 P. M., bids will be received by the Carmichael Irrigation District, Roy W. Sullivan, Secretary, Marconi Ave., Carmichael, for furnishing pipe in accordance with specifications on file at the above office.

Certified check or cash for 10% must accompany each bid.

BIDS WANTED

SUNNYVALE, Santa Clara Co., Cal.—Until April 22, 7:30 P. M., bids will be received by the Sunnyvale City Council for furnishing one new pump and repairs to present pumps at the city water works.

Specifications obtainable from the office of the City Clerk or the Superintendent of Water Works. *

PROSPECTIVE BIDDERS

WALLA WALLA, Wash.—Following are additional plan holders for deep well pump and pump house at the Veterans' Administration Facility Walla Walla, for which bids will be opened by the Veterans' Administration Facility, Room 764, Arlington Bldg., Washington, D. C., April 23, 2:30 P. M., as previously reported:

Buffalo Gasoline Motor Co., 1280 Niagara St., Buffalo, N. Y.

W. K. O'Rouke Plumbing & Heating Co., 109 S. Second Ave., Walla Walla, Wash.

John Rean Mfg. Co., 217 W. Julian St., San Jose.

Harold Electric Co., 210 E. Alder St., Walla Walla.

General Machinery Co., East 3500 Riverside Ave., Spokane, Wash.

The Pelton Water Wheel Co., 19th and Alabama Sts., San Francisco.

John H. McGowan, Cincinnati, Ohio

N. C. Jannsen Drilling Co., 8107 E. Marginal Way, Seattle, Wash.

Hilt & O'Donnell, 102 S.W. First Ave., Portland, Oregon.

G. H. Sutherland Co., 108 E. Main St., Walla Walla, Wash.

Layne & Bowler Corp., P. O. Box 765, Arcade Station, Los Angeles.

Fairbanks Morse Co., 160 Varick St., New York City.

Western Pump Co., Ltd., 522 W. Santa Clara St., San Jose.

Pump Supply Corp., 305 First Ave. S., Seattle, Wash.

Valley Iron Works, Inc., Yakima, Wash.

R. M. Wade & Co., Portland, Oreg.

The Aldrich Pump Co., Allentown, Pa.

Indiana Pump & Compressor Co., Indianapolis, Ind.

Byron-Jackson Co., P. O. Box 409, Bethlehem, Pa.

Byron-Jackson Co., Att. L. C. Kimball, Berkeley.

The Deming Co., Salem, Ohio.

A. D. Cook, Inc., P. O. Box 347 Lawrenceburg, Ind.

Pomona Pump Co., 206 E. Commercial St., Pomona, Calif.

BIDS WANTED

SAN FRANCISCO.—Until April 26, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 251, City Hall, under Bid No. 1355, for furnishing 20- 24- and 30-in. gate valves, as follows:

PROPOSITION A

Lot No. 1—two 20-in. diameter non-rising stem, double disc, spur geared, gate valves, for 100 lbs. water working pressure.

Lot No. 2—One 24-in. diameter non-rising stem, double disc, gate valve, for 50 lbs. water working pressure.

Lot No. 3—Two 30-in. diameter non-rising stem, double disc, spur geared, gate valves, for 100 lbs. water working pressure.

PROPOSITION B

(Alternate to Proposition A) for furnishing Lots 1, 2 and 3 combined.

Specifications obtainable from above office. *

BIDS OPENED

SAN FRANCISCO. — E. J. Treacy, 309 Call Bldg., San Francisco, at $52,836.32 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,829, for installation of Section D, the Potrero District Extension Auxiliary Water Supply System for Fire Protection, located on 3rd Street bet. Mariposa and Twenty-third streets; Twenty-fifth street between Third and Pennsylvania Sts.; Pennsylvania St. between Twenty-fifty and Army Sts., and Army St. between Pennsylvania and Evans Sts

The work involves:

(1) 84 l.f. 16-in. Class H bell and spigot, lugged;
(2) 2757 l.f. 14-in. Class H double spigot, plain;
(3) 472 l.f. 14-in. Class H double spigot, lugged;
(4) 834 l.f. 14-inch Class H bell and spigot, plain;
(5) 131 l.f. 14-inch Class H bell and spigot, lugged;
(6) 991 l.f. 12-inch Class H double spigot, plain;
(7) 411 l.f. 12-inch Class H double spigot, lugged;
(8) 1774 l.f. 12-inch Class H bell and spigot, plain;
(9) 673 l.f. 12-inch Class H double spigot, lugged;
(10) 569 l.f. 8-inch Class H bell and spigot, lugged;
(11) 1 14-inch gate valve, in place;
(12) 9 12-inch gate valves, in place;
(13) 8 10-inch gate valves, in place;
(14) 21 8-inch gate valves, in place;
(15) 21 std. h.p. hydrants, in place;

Note: Items 1 to 15 inclusive, cast iron pipe, valves, hydrants and special castings, will be furnished by the city.

(16) 65,960 lbs. pig lead, furnished and delivered;
(17) 30,900 lbs. cast steel special castings, furnished and delivered;
(18) 14,420 lbs. cast iron do;
(19) 17,500 lbs. manhole and valve box cast iron frames, covers and dust pans, furnish and place;
(20) 44,500 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(21) 2580 lbs. reinforcing steel, furnished and placed;
(22) 49 c.y. Class B concrete in place;
(23) 5350 c.y. excavation and backfill;
(24) 19,200 sq. ft. asphalt - concrete pavement (2x6-in.) Class F conc.
(25) 72 sq. ft. concrete sidewalk (one course);
(26) 11 c.y. crushed rock, furnished and placed;
(27) 26 tons bell and spigot pipe or double spigot pipe, without lugs. In classes C to H inclusive and in nominal diameters of 8- to 18-inch, inclusive;
(28) 9 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In classes C to H inclusive and in nominal diameters of 8- to 18-in. inclusive.

Note: Items 16 to 28 inclusive, all materials, including pipe, shall be furnished by the contractor

Total bids follow

(A) E. J. Treacy, San Francisco, $52,836.32.
(B) Eaton & Smith, San Francisco, $55,186.55.
(C) Pacific Pavements Co., Ltd., San Francisco, $57,028.79
(D) Chas. L. Harney, San Francisco, $57,862.90.
(E) Peter J. McHugh, San Francisco $62,595.74.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$2.30	$3.00	$3.12	$3.00	$4.30
(2)	2.81	2.76	2.43	2.50	4.30
(3)	3.00	2.76	2.54	2.65	4.30
(4)	2.65	2.76	2.24	1.75	4.30
(5)	2.90	2.76	2.37	2.00	4.30
(6)	2.50	2.53	2.09	1.95	4.30
(7)	2.85	2.53	2.24	2.25	4.30
(8)	2.40	2.53	2.02	1.70	4.30
(9)	2.51	2.53	2.13	1.80	4.30
(10)	1.03	2.60	1.19	2.20	4.30
(11)	21.00	35.00	25.00	40.00	20.00
(12)	20.00	30.00	15.00	30.00	20.00
(13)	20.00	20.00	12.50	25.00	20.00
(14)	15.00	18.00	12.50	20.00	20.00
(15)	25.00	25.00	27.50	40.00	50.00
(16)	.04	.039	.045	.04	.03
(17)	.20	.20	.205	.20	.20
(18)	.05	.05	.05	.05	.05
(19)	.065	.06	.06	.06	.06
(20)	.09	.10	.11	.09	.08
(21)	.05	.05	.05	.04	.05
(22)	20.00	20.00	40.00	25.00	20.00
(23)	1.50	1.75	2.32	3.00	.75
(24)	.20	.18	.24	.20	.15
(25)	.15	.15	.14	.10	.12
(26)	3.00	2.00	3.00	3.00	3.00
(27)	48.50	50.00	48.50	48.50	50.00
(28)	58.50	60.00	58.00	58.50	60.00

All bids referred to the City Engineer and the PWA. *

CONTRACT AWARDED

SAN FRANCISCO.—Robert B. McNair and H. Gould, 3745 Rhoda Ave., Oakland, at $69,815.62 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,817, for the installation of Section "C" of the Potrero District Extension to the Auxiliary Water Supply System for Fire Protection.

34— PARKS & PLAY-GROUNDS

BIDS WANTED.

RENO, Nevada.—Until April 15, bids will be received by Custodian, U. S. post office, Reno, for lawn sprinkling system and seeding and planting the grounds at the Reno post office.

34 — PARKS AND PLAY-GROUNDS

NEW BIDS WANTED—TO CLOSE APRIL 9, 4 P. M.

STOCKTON, San Joaquin Co., Cal.—Until April 9, 4 P. M., bids will be received by Stockton Port Commission, City Hall, Stockton, for furnishing and installing underground piping, valves, fire hydrants and sprinklers for a sprinkler system to sprinkle 195,000 sq. ft. in area. Estimated cost, $27,500.

Bids scheduled to be opened March 26, 4 P. M., were returned unopened.

35— TUNNELS

BIDS OPENED

LOS ANGELES, Cal.—L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., 609 S. Grand Ave., Los Angeles, at $366,607.07 submitted low bid to the Los Angeles Board of Public Works for the construction of the Figueroa St. Tunnel, beween Solano Ave. and Bishops Road.

Complete bids follow:

(A) L. E. Dixon Co., Bent Bros., Inc. and Johnson, Inc., Los Angeles, $366,607.07.
(B) Macco Constr. Co., Clearwater, $367,302.44.
(C) Shofner & Gordon, Los Angeles, $368,767.87.
(D) United Concrete Pipe Corp., Los Angeles, $414,261.85.
(E) Morrison - Knudsen Co., Los Angeles, $466,143.62.
(F) Engineer's Estimate, $386,441.97.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED.

FORT MASON, San Francisco.—Pacific States Const. Co., 708 Call Bldg., at $4,428.93 awarded contract by the Constructing Quartermaster, Ft. Mason, under Spec. No. W-6616-55-11, for concrete and asphalt paving in the dock area at Fort Mason.

BIDS WANTED

ORANGE COUNTY, Cal.—Until Apr. 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 1.1 miles of grading and paving with Portland cement concrete or asphalt concrete in Orange County between 17th St. in Santa Ana and Fairhaven Ave.

The work involves:
(1) 57 stations clearing and grubbing right of way;
(2) 7,600 c.y. rdwy. excav., unclass.;
(3) 310 c.y. struc. excav.;
(4) 14,000 sq. yds. subgrade for pave.;
(5) 57 stations finishing rdwy.;
(6) 210 tons liquid asphalt SC-2;
(7) 25,000 sq. yds. preparing, mixing, and shaping shoulders and gutters;
(8) 35 tons liquid asphalt 90-95 (seal coat);
(9) 350 tons stone screenings (do);
(10) 75 c.y. Class A Port. cem. conc. (structures);
(11) 5,000 lbs. bar reinf. steel (struc.);
(12) 6,450 lbs. steel railroad rails;
(13) 550 lbs. struc. steel;
(14) 1,090 c.y. concrete to be removed from existing pave. and struc.;
(15) 6 each culvert markers;
(16) 6 each manholes to be adjusted to grade;

Alternative Pavement Items
Alternative "A"

(17) 5,050 tons asphalt concrete;

Alternative "B"

(18) 2,580 c.y. Class A Port. cement concrete (pave.);
(19) 7,000 lbs. bar reinf. steel (pave.);
(20) 3,400 each pavement dowels;
(21) 3 each temporary pavement crossing devices.

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete; Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until April 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of approximately 618 l.f. of reinforced concrete box storm drain at Third St. and at Eighth St., Redlands, San Bernardino County.

The work involves:
(1) 3,029 c.y. structure excavation;
(2) 490 c.y. removing and disposing of exist. rubble masonry and Port. cement concrete;
(3) 112,000 lbs. bar reinf. steel;
(4) 785 c.y. Class A Port. cem. conc.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until April 24, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for a total of 1.3 miles of surfacing with re-tread surfacing in Mendocino County in the town of Ukiah, between Mill St. and the northerly city limits, and in the town of Willits, between Broaddus Creek and the northerly line of the Northwestern Pacific Railroad right-of-way.

The work involves:
(1) 20 M. gallons water;
(2) 165 tons untreated crushed gravel or stone surfacing;
(3) 5,900 sq. yds. planing exist. pavement;
(4) 465 tons plant mixed surf. (medium curing type);
(5) 2,635 tons screenings;
(6) 182 tons emulsified asphalt;
(7) 44 each sewer and water fixtures adjusted to grade;
(8) 16 each traffic markers removed and reset;
(9) 11 ea. cast steel monument frames and covers.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SAN DIEGO CO., Calif.—Until April 25, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 2.8 miles of grading and treating with liquid asphalt in San Diego County between one mile east of Barrett and Tecate road.

The work involves:
(1) 148 stations clearing and grubbing right of way;
(2) 86,000 c.y. rdwy. excav., unclass.;
(3) 144,000 station yds. overhaul;
(4) 1,700 c.y. struc. excav.;
(5) 148 sta. finishing rdwy.;
(6) 182 tons liquid asphalt SC-2;
(7) 30,000 sq. yds. preparing, mixing, and shaping roadbed;
(8) 60 c.y. rubble masonry;
(9) 260 l.f. 8-in. CMP;
(10) 646 l.f. 18-in. CMP;
(11) 88 l.f. 21-in. CMP;
(12) 360 l.f. 24-in. CMP;
(13) 116 l.f. 30-in. CMP;
(14) 310 l.f. 36-in. CMP;
(15) 84 l.f. 48-in. CMP;
(16) 340 l.f. CMP clean and relay;
(17) 64 l.f. CM clean and salvage;
(18) 8 each spillway assemblies;
(19) 22 each guide posts, move and reset;
(20) 80 each culvert markers, move and reset;
(21) 0.6 mile new property fence;
(22) 2 each drive gate complete in place;
(23) 125 each monuments complete in place.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CONTEMPLATED

STOCKTON, San Joaquin Co., Cal.—Petition for the improvement and resurfacing of Hunter Street between Miner Ave. and Poplar St., has been filed with the City Council. City Engineer Lyle Payton has been authorized to make estimates and surveys of the project.

NEW BIDS WANTED

SAN FRANCISCO.—Until April 17, 2:30 P. M., new bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,796 for improving Moraga Street between 17th and 18th Aves., and other streets.

All bids received December 7, 1934 were rejected.

The work involves:
(1) 680 l.f. 6-in. vitrified clay pipe side sewers;
(2) 479 l.f. armored concrete curb;
(3) 383 l.f. unarmored concrete curb;
(4) 813 sq. ft. 6-in. Class E conc. pave.
(5) 18,318 sq. ft. asphalt conc. pave.;
(6) 1,000 sq. ft. 2-in. asphalt concrete wearing surface.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

CONTRACT AWARDED

PIMA COUNTY, Ariz.—Borderland Constr. Co., Box 905, Tucson, Ariz., awarded contract by Arizona Highway Commission, March 27, at $42,647 for highway construction on the Ajo-Tucson Highway, NRS 110-A (1935), AFE 604. The work, which begins about 5 miles southwest of Tucson and extends westerly 5.6 miles, consists of grading, draining, aggregate base course and oil processing (road mix using road oil). White Miller, Tucson, submitted the second bid at $49,292.

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Heafey-Moore Co. and J. A. Casson, 640 No. First St., Phoenix, awarded contract by Arizona State Highway Commission March 27 at $56,386.69, for highway construction on the Douglas-Safford Highway, NRS 114-B (1935), A.F.E. 8101. The work, which begins at the Bisbee-Douglas Highway junction about one mile west of Douglas and extends northerly about 7½ miles, consists of grading, draining, aggregate base course, and oil processing by the road mix method.

BIDS WANTED.

MOHAVE COUNTY, Arizona.—Until April 16, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for grading Section E of Federal Lands Highway Project No. 2, Kingman-Boulder Dam, Mohave Co., Ariz.

The work involves:
(1) 63,200 c.y. unclass. excav.;
(2) 1,250 cy.y. do. for structures;
(3) 4,960 c.y. do for borrow;
(4) 9,200 sta. yds. overhaul;
(5) 1,250 c.y. mi. borrow haul;
(6) 4.718 miles finishing earth graded road;
(7) 917 c.y. Class A concrete;
(8) 81,000 lbs. reinf. steel;
(9) 948 l.f. CMP in place.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

AWARD RECOMMENDED

TRINITY COUNTY, Cal.—Award of a contract to Albert A. Helwig, 115 S. Main St., Sebastopol, at $15.90 per ton, total $9381, for bituminous treatment on 19.662 miles of Sections A. B. C. D. and E of Route 5, the Douglas City-Peanut National Forest Highway, Trinity National Forest, Trinity County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles as previously reported, submitted the low bid to C. H. Purcell, State Highway Engineer, Los Angeles, March 28, at $34,891.80, for highway construction in San Diego County, through the Narrows, about 1.7 miles in length to be graded and road mix surface treatment applied, involving:

(1) 38,000 cu. yds. roadway, excav., without class;
(2) 69,200 station yds. overhaul;
(3) 5500 cu. yds. ditch and channel excavation;
(4) 5200 cu. yds. imported borrow;
(5) 380 cu. yds. structure excavation
(6) 545 lin. ft. 24-in. C. M. pipe;
(7) 68 lin. ft. 30-in. C. M. pipe;
(8) 90 lin. ft. existing C. M. pipe culverts removed, cleaned, and relaid;
(9) 15 cu. yds. rubble masonry;
(10) 146 tons liquid asphalt, SC-2;
(11) 25 tons liquid asphalt, SC-2 prime coat;
(12) 24,000 sq. yds. preparing, mixing, shaping and compacting roadbed road approach and dips;
(13) 6200 sq. yds. preparing, mixing and shaping detour road and roadway slopes;
(14) 8 each culvert markers;
(15) 48 each monuments complete in place;
(16) 90 stations finishing roadway.

Total bids follow:

(A) Dimmitt & Taylor, Los Angeles, $34,891.80.
(B) Geo. J. Bock & Son, Los Angeles, $40,390.90.
(C) Daley Corp., San Diego, $48,200.70
(D) V. R. Dennis Constr. Co., $49,896.00.
(E) Sharp & Fellows Constr. Co., Los Angeles, $55,699.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .62	$ .75	$ .83	$ .89	$ .95
(2)	.015	.01	.02	.04	.02
(3)	.20	.20	.35	.25	.38
(4)	.35	.50	.60	.50	.70
(5)	1.25	2.00	2.75	2.00	4.00
(6)	3.20	3.25	3.05	4.00	3.50
(7)	4.00	3.80	4.00	5.00	4.50
(8)	1.00	1.00	2.00	2.00	3.00
(9)	10.00	25.00	26.00	15.00	30.00
(10)	14.00	10.15	15.00	12.00	18.00
(11)	14.00	14.50	15.00	12.00	18.00
(12)	.06	.0625	.08	.06	.10
(13)	.06	.07	.065	.06	.10
(14)	2.50	4.00	4.00	3.00	4.00
(15)	3.50	4.00	5.00	3.00	5.00
(16)	6.00	5.00	20.00	22.00	22.00

CONTRACTS AWARDED.

STATE OF OREGON.—Contracts for highway construction were awarded by the Oregon State Highway Commission, Portland, March 28, as follows:

Coos County: 1.81 mi. grading, surfacing and oil mat surface treatment on the Empire - Pigeon Point Section of Cape Arago Secondary Highway, U. S. P. W. Project NRS 207-B. Awarded J. W. and J. R. Hillstrom, Marshfield, at $27,031. F. C. Dillard, Medford, at $34,821 submitted the only other bid.

Coos County: 0.34 mi. pavement widening and resurfacing on the Golden Ave. - Johnson Ave. Unit, Marshfield Section of Oregon Coast Highway, U. S. P. W. Project NRM 141-F. Awarded R. I. Stuart & Sons, Medford, at $12,150.

The other bids were:

Northwest Roads Co., Portland $12,892
Mountain States Const. Co., Eugene 13,095
United Contr. Co., Portland..... 13,255

Deschutes County: 0.48 mile pavement construction on the Redmond Section of The Dalles-California Highway, U.S.P.W. Project NRM 123-F. Awarded Kern & Kibbe, 42 SE Salmon, Portland, at $35,875.

The other bids were:

Mountain States Const. Co., Eugene $36,649
Dunn & Baker, Klamath Falls. 37,661
Northwest Roads Co., Portland 38,385
United Contr. Co., Portland 39,315

Douglas County: 0.61 mile pavement widening and resurfacing on the Roseburg Section of Pacific Highway, U. S. P. W. Projects NRM 78-C and 78-D. Awarded Jacobsen-Jensen Co., 517 NE Stanton, Portland, at $26,705.

The other bids were:

R. I. Stuart & Sons, Medford $26,908
United Contr. Co., Portland 26,940
Mountain States Const. Co., Eugene 27,262
A. S. Wallace, Roseburg 28,409
Northwest Roads Co., Portland 29,877

Hood River County: 0.91 mile of grading and penetration type bituminous macadam wearing surface on the Cascade Locks Section of Columbia River Highway, U.S.P.W. Proj. NRH 174-B. All bids held under advisement.

Complete bids follow:

J. F. Kernan, Faloma..... $34,414
Joplin & Eldon, Portland . 40,875
United Contr. Co., Portland 44,373
Kern & Kibbe, Portland 47,311

Multnomah County: 0.59 mile pavement resurfacing on the Ash Street-Jefferson Street Unit, Fourth Avenue, Portland, Section of West Side Pacific Highway, U.S.P.W. Project NRM 203-C. All bids held under advisement.

Complete bids follow:

Parker - Schram Co., Portland..$46,985
United Contr. Co., Portland..... 50,073
Edlefsen - Weygandt Co., Portland 50,895
Kern & Kibbe, Portland..... 53,092
Northwest Roads Co., Portland 56,110

NOTICE TO BIDDERS.

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised:

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 17, 1935:

IV-S.M-2-S.M, Crystal Springs Road to Third Ave.: PLANS: No. of Sheets) 11; (Cost) $1.10; CROSS-SECTIONS: (No. of Sheets) 4; (Cost) $.40; (Total) $1.50.

VI-Ker - 140 - A.B. between Western Water Works and four miles east: PLANS (No. of Sheets) 13; (Cost) $1.30; CROSS-SECTIONS (No. of Sheets) 63; (Cost) $6.30; (Total) $7.60.

X-S.J-5-B and Stkn, between French Camp and Stockton: PLANS, (No. of Sheets) 12; (Cost) $1.20; CROSS-SECTIONS, (No. of Sheets) 131; (Cost) $13.10; (Total) $14.30.

IV - Ala. - 5 - 69 - Oak,Emy, overhead crossing over tracks of A.T.&S.F. Ry., S. P. Co. and Key System, Ltd., in the city of Oakland: PLANS (Number of Sheets) 35; (Cost) $5.25; no Cross-Sections; (Total) $5.25.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans, specifications & proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED.

SAN DIEGO COUNTY, Calif.—Until April 18, 2 P. M., bids will be received by the Bureau of Public Roads, Sheldon Bldg., 461 Market Street, San Francisco, for grading and placing subgrade reinforcement on 6.886 miles of Section C of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

The work involves:

(1) 43 acres clearing,
(2) 231,000 c.y. unclass. excav.;
(3) 1,500 c.y. do, for structures,
(4) 1,073,000 sta. yds. overhaul
(5) 48,500 c.y. mi. hauling subgrade reinforcement;
(6) 2,756 l.f. corrugated metal pipe;
(7) 202 c.y. concrete;
(8) 5,200 lbs. einforcing steel;
(9) 2 each Type A spillway inlets;
(10) 214 l.f. wood guard rail;
(11) 190 l.f. 6-in. porous tile underdrain;
(12) 11,000 l.f. Type I protection ditch;
(13) 2,200 l.f. Type 2 do;
(14) 12,000 l.f. fence;
(15) 5 each fence gates;
(16) 65 each culvert markers;
(17) 30 each right of way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until April 9, 2:00 P. M., bids will be received by the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego, for tree planting and other improvement in San Diego County, between Encinitas and Oceanside, a distance of 10.1 miles in length, highway roadsides to be planted, involving the furnishing and planting of trees, shrubs and other plants, rounding slopes, furnishing and placing top soil, fertilizer, drain tile and stakes, guide posts around planted areas, and removing and disposing of waste material. The estimated quantities are as follows:

(1) 435 ground cover plants (Key No 1);
(2) 602 shrubs (Key No. 2);
(3) 348 trees (Key No. 3);
(4) 608 trees (Key No. 4);
(5) 291 shrubs (Key No. 5);
(6) 95 shrubs (Key No. 6);
(7) 10 trees (Key No. 7);
(8) 469 shrubs (Key No. 8);
(9) 2185 ground cover plants (Key No. 9);
(10) 45 shrubs (Key No. 10);
(11) 42 trees (Key No. 11);
(12) 20,000 Mesembryanthemum edule cuttings;
(13) 328 guide posts.

Plans and specifications may be obtained at the above address. Certified or cashier's check or cash for 10% must accompany each proposal.

BIDS WANTED

SACRAMENTO, Cal.—Until April 4, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, I St., between 9th and 10th Sts., for the improvement of the south side of Fifth Avenue from 33rd St. to the alley first east of 35th Street.

Specifications obtainable from the above office.

CONTRACT AWARDED

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, awarded contract by the Los Angeles Board of Public Works, April 1, at $82,054.39, for the improvement of Sepulveda Blvd., from National Blvd. to Venice Blvd.

LOS ANGELES — SEPULVEDA BLVD. IMPROVEMENT — (CITY

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E. 25th St., submitted low bid to the Los Angeles Board of Public Works, March 27, at $82,054.39, for the improvement of Sepulveda Blvd., from National Blvd. to Venice Blvd.

The work involves:

(1) Lump sum grading;
(2) 251,152 sq. ft. 8-in. compressed concrete;
(3) 362 sq. ft. 8-in. concrete, local depressions;
(4) 15,623 sq. ft. 4-in. rock and oil roadway;
(5) 106,643 sq. ft. 2-in. rock and oil roadway;
(6) 3107 ft. unplastered light curb;
(7) 1841 ft. reinf. integral curb and concrete gutter, 1-ft. wide;
(8) 350 sq. ft. 6-in. concrete gutter;
(9) 11,019 sq. ft. 3-in. cement walk;
(10) 225 lin. ft. wooden guard rail;
(11) 671 lin. ft. concrete curtain wall 18-in. deep;
(12) Storm drain and appurtenances, complete, not including local depressions;
(13) Lump sum sanitary sewer, not including house connections;
(14) 125 ft. 6-in. house connection sewers;
(15) Reset 2 manholes.

Total bids follow:

(A) Southern California Roads Co., $82,054.39.
(B) P. J. Akmadzich, $86,236.37.
(C) Oswald Bros., $86,389.56.
(D) Gogo & Rados, $87,333.07.
(E) J. L. McClain, $89,258.25.
(F) Griffith Co., $89,591.34.
(G) Geo. J. Bock Co., $90,279.97.
(H) United Concrete Pipe Corp., $93,858.33.
(I) L. A. Paving Co., $96,,391.72.
(J) Engineer's estimate, $84,952.94.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$13,500.00	$11,000.00	$10,500.00	$13,527.00	$15,000.00	$13,000.00	17,500.00	$14,000.00	$18,152.80	$13,650.00
(2)	.21	.24	.23	.225	.23	.237	.215	.245	.24	.224
(3)	.20	.22	.20	.18	.20	.20	.20	.20	.23	.25
(4)	.07	.065	.09	.07	.08	.075	.04	.07	.075	.066
(5)	.04	.034	.05	.0375	.04	.04	.07	.035	.045	.035
(6)	.35	.40	.35	.43	.40	.35	.38	.50	.50	.32
(7)	.70	.70	.75	.70	.85	.65	.70	.90	.90	.70
(8)	.22	.20	.18	.19	.20	.17	.18	.20	.22	.79
(9)	.11	.10	.12	.12	.115	.12	.10	.12	.12	.105
(10)	.60	.75	1.00	.80	.80	.70	.75	.75	.75	.75
(11)	.50	.50	.50	.50	.50	.60	.45	.65	.60	.42
(12)	5,500.00	5,300.00	6,000.00	6,460.00	5,500.00	6,500.00	5,800.00	7,330.00	6,000.00	5,470.00
(13)	600.00	600.00	700.00	979.00	600.00	700.00	600.00	725.00	600.00	660.00
(14)	1.00	.85	1.00	1.00	1.00	.90	.80	1.00	.90	.75
(15)	20.00	25.00	75.00	46.00	20.00	20.00	15.00	40.00	15.00	1.00

SAN FRANCISCO — Crystal Springs Tunnels — (City)

SAN FRANCISCO.—E. T. Lesure, 87 Ross Circle, Oakland, at $74,681.61* on Section A; $96,588.85 on Section B, and at $171,170.46 on Sections A and B combined, submitted low bids to the Public Utilities Commission, City Hall under Spec. No. W. D. 74, for the construction of the Crystal Springs Pipe Line Tunnels, to carry a pipeline extension from Crystal Springs Reservoir in San Mateo County to the University Mound Reservoir in San Francisco.

The work includes construction of two tunnels in San Mateo County, one 1429 ft. long, and the other 334 feet long; and one tunnel 2287 ft. long in San Francisco County.

Bids were taken as follows:

SECTION A (Tunnels Nos. 1 and 2)
(1) 1775 l.f. excavation;
(2) 1763 l.f. tunnel lining of steel pipe and concrete.

SECTION B (Tunnel No. 3)
(1) 2293 l.f. excavation;
(2) 2287 l.f. tunnel lining of steel pipe and concrete.

SECTIONS A-B (Tunnels Nos. 1, 2 and 3)
(1) 4068 l.f. excavation;
(2) 4050 l.f. tunnel lining of steel pipe and concrete.

All steel pipe used shall have a minimum inside diameter of 60 inches.

Total bids follow:

(I) E. T. Lesure, Oakland (60-in. steel pipe spun bituminous enamel coating): Section A, $74,681.61*; Section B, $96,588.85; Sections A and B, $171,170.46.

(II) Barrett & Hilp, San Francisco (bituminous lined steel pipe): Sections A and B, $211,104.00.

(III) Youdall Const. Co., San Francisco (pneumatic gun lining): Section A, $97,397.00; Section B, $131,718.50; Sections A and B, $215,262.00.

(IV) MacDonald & Kahn Co., Ltd., San Francisco (enamel lining): Section A, $106,213.19; Section B, $.....; Sections A and B, $217,483.92.

(V) Case Const. Co., Inc., Alhambra (steel pipe, spun bituminous enamel coating): Section A $.....; Section B, $.....; Sections A and B, $219,736.80.

(VI) W. A. Bechtel, San Francisco (spun bituminous enamel coated steel pipe): Section A, $111,429; Section B, $155,726; Sections A and B, $255,690.

(VII) Chas. Harney, San Francisco, (60-in. steel pipe protected): Section A, $129,133.50; Section B, $167,027.70; Sections A and B, $269,348.40.

Unit bids follow:
(a) unit; (b) extension.

	—(I)—		—(II)—		—(III)—		—(IV)—		—(V)—		—(VI)—		—(VII)—	
	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)
SECTION A—														
(1)	$16.72	$29.678.00*	$		$36.00	$ 63,900.00	$34.63	$ 61,468.25	$	$	$30	$ 53,250	$50.90	$ 90,347.50
(2)	25.47	44,903.61			19.00	33,497.00	25.38	44,744.94			33	58,179	22.00	38,786.00
SECTION B—														
(1)	16.72	38,338.96			36.00	82,548.00					35	80,255	50.90	116,713.70
(2)	25.47	58,249.89			21.50	49,170.50					33	75,471	22.00	50,314.00
SECTIONS A & B—														
(1)	16.72	68,016.96	28	113,904	34.00	138,312.00	29.19	118,744.92	35.10	142,786.80	30	122,040	46.30	188,348.40
(2)	25.47	103,153.50	24	97,200	19.00	76,950.00	24.38	98,739.00	19.00	67,950.00	33	133,650	20.00	81,000.00

*Total for Item (1) on Section A stated by bidder was $68,016.96, apparently an error in extending the unit price. The bidder's total for Section AA, using the incorrect extension, was $112,920.57.

All bids referred to N. A. Eckhart, Water Department Engineer, for recommendation.

CONTRACTS AWARDED

COCONINO COUNTY, Ariz.—Contracts for furnishing asphaltic road materials for use on Sections D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, have been awarded by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, as follows:

(1) 300 tons liquid asphaltic road material, Type SC-2, Shell Oil Co., f.o.b. Bakersfield, at $4.70 per ton, total $1410.

(2) 1100 tons liquid asphaltic road material, Type MC-4 and/or Type MC-5, Petrol Corp., f.o.b. Los Angeles at $10 per ton, total $11,000.

BIDS WANTED.

SANTA BARBARA COUNTY, Cal.—Until April 16, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for 0.4 mile widening of roadway cut and planting roadsides in Santa Barbara County between two miles north of Solomon Summit and Santa Maria.

Specifications obtainable from above office.

CONTRACT AWARDED

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E. 25th St., Los Angeles, was awarded the contract by the Los Angeles Board of Public Works, April 1, at $271,663.65, for the improvement of Sepulveda Blvd., from Ventura Blvd. to Sunset Blvd.

BIDS OPENED.

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E 25th Street, submitted the low bid to the Los Angeles Board of Public Works, March 27, at $51,481.68, for the improvement of El Modena Ave. between Figueroa St. and Colorado Blvd. by the construction of 8-inch permanent pavement 56 feet wide, consisting of 2-in. Warrenite Bitulithic wearing surface on 6-inch asphaltic concrete base, 40 feet wide, and 8-inch concrete pavement 7 feet wide on each side to serve as gutters, together with curbs and sidewalks.

The quantities are:

(1) 17,250 cu. yds. excavation and 2,534 cu. yds. fill, including removal of existing improvements;
(2) 452 sq. ft. of concrete pave., 8-in. thick (local depressions);
(3) 39,411 sq. ft. of concrete pave., 7-in. thick;
(4) 9818 sq. ft. Warrenite Bitulithic pavement of variable thickness, consisting of asphaltic concrete base of variable thickness (average 3- and 2-in. Warrenite Bit. wearing surface;
(5) 116,676 sq. ft. of Warrenite Bit. pavement, 7-in. thick and consisting of 5-in. asphaltic concrete base and 2-in. Warrenite Bit. wearing surface;
(6) 858 sq. ft. of Warrenite Bitulithic pavement, 7-in. thick, consisting of 5-in. concrete base and 2-in. Warrenite Bit. wear. surf.;
(7) 3332 sq. ft. of Warrenite pave. of variable thickness, consisting of asphaltic concrete base of variable thickness (average ½-in.) and Warrenite Bit. wearing surface of variable thickness (average 1½-in.);
(8) 3863 sq. ft. of Warrenite Bit. pavement 4-in. thick, consisting of 2-in. asph. concrete base and 2-in. Warrenite Bit. wearing surface;
(9) 19,415 sq. ft. of rock and oil surface, 4-in. thick;
(10) 5634 lin. ft. unplastered light curb
(11) 310 lin. ft. unplastered light white curb;
(12) 28,091 sq. ft. concrete walk, 3-in. thick;
(13) 704 sq. ft. do, 4-in. thick;
(14) 1,649 sq. ft. do, 6-in. thick;
(15) 540 sq. ft. concrete gutter, 7-in. thick;
(16) 167 sq. ft. comb. gutter, 7-in. thick;
(17) 21 sq. ft. do, 6-in. thick;
(18) 1771 sq. ft. of white concrete traffic lines, 7-in. thick, consisting of 2-in. white concrete on 5-in. asphaltic base;
(19) 3 red reflectors, Highway Bull's Eye, 5⅝-in. in dia. or equal;
(20) storm drain and appurtenances, complete, not including local depressions, exclusive of storm drain at intersection of Colorado Blvd. and El Modena Ave.;
(21) storm drain and appurtenances at intersection of Colorado Blvd. and El Modena Ave., complete, not including local depressions;
(22) sanitary sewer & appurtenances, complete, not including house connections;
(23) 551 lin. ft. 6-in. house connection sewers;
(24) 208 lin. ft. 6-in. do as per Detail "A" on plan No. D-3542;
(25) 40 lin. ft. 6-in. do as per Detail "B" on plan No. B-3542;
(26) ornamental lighting conduit installation, complete in place;
(27) 10 manholes to be reset, including the removal of 29 vertical feet of manholes and the reconstruction of 14.8 vertical feet of manholes.

REMOVALS:
5,520 feet curb;
8,700 sq. ft. walk;
79,120 sq. ft. pavement;
300 sq. ft. gutter,
20 trees.

The total bids were.

(A) Southern California Roads Co., $51,481.68.
(B) Griffith Co., $54,149.20.
(C) Geo. R. Curtis Paving Co., $54,158.75.
(D) Engineer's estimate, $52,829.93.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	$7100.00	$6500.00	$5000.00	$8630.00
(2)	.23	.25	.184	.22
(3)	.17	.19	.173	.16
(4)	.13	.15	.139	.136
(5)	.155	.173	.165	.169
(6)	.18	.20	.184	.20
(7)	.08	.09	.08	.074
(8)	.11	.13	.12	.12
(9)	.07	.065	.052	.063
(10)	.35	.38	.35	.33
(11)	.70	.60	.58	.65
(12)	.11	.11	.11	.102
(13)	.13	.13	.139	.13
(14)	.16	.15	.21	.16
(15)	.25	.20	.16	.18
(16)	.18	.15	.16	.15
(17)	.25	.17	.16	.18
(18)	.27	.40	.23	.235
(19)	10.00	15.00	10.00	10.00
(20)	7200.00	7500.00	7000.00	6479.00
(21)	1000.00	600.00	900.00	875.00
(22)	150.00	170.00	190.00	180.00
(23)	1.00	1.00	1.00	1.00
(24)	1.00	1.00	1.00	1.10
(25)	1.00	1.00	1.00	1.10
(26)	400.00	340.00	435.00	275.00
(27)	150.00	100.00	180.00	150.00

BIDS WANTED

STATE OF OREGON.—Until April 11, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for highway construction, as follows:

Curry County: Curry County Rock Production Project on Oregon Coast Highway; State project. Furnish approximately 10,700 c.y. crushed gravel in stockpiles at the following locations: 6,700 c.y. between Euchre Creek and Rogue River, and 4,000 c.y. between Taylor Creek and California State line.

Hood River County: Jericho Lane Section of Hood River Secondary Highway; U. S. Public Works Project No. NRS 253 (1935); 0.85 mile road mix surface treatment, requiring approximately 870 c.y. screened gravel aggregates, 64 tons light cutback asphalt, and 300 c.y. screened gravel shoulder materials.

Jackson County: Siskiyou Summit-State Line Section of Pacific Highway; State project. Furnish approximately 3,300 c.y. of crushed rock in stockpile, and furnish and place approximately 2,700 c.y. crushed rock in shoulders.

Polk and Yamhill Counties: Yamhill County Line Stratton Ranch Section of Salem-Dayton Secondary Highway U. S. Public Works Project No NRS 252 (1935); 1.38 miles grading, surfacing and oil mat surface treatment Requires approximately 24,000 cu. yds excavation, 9,400 c.y. roadbed topping 3,000 c.y. crushed gravel surfacing, 16,000 sq. yds. oil mat surface treatment, and 150 l.f. of 8x8 reinforced concrete box culvert or 105-in multiplate iron pipe culvert.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BONDS VOTED

VALLEJO, Solano Co., Cal.—Bond issue of $300,000 for repaving city streets and constructing storm sewers carried at a special election April 2.

CONTRACT AWARDED

LOS ANGELES CO., Calif.—United Concrete Pipe Corp., 1347 W 208th St., Los Angeles, at $23,515.50 awarded the contract by the State Highway Commission, for 0.5 mile paving with asphalt concrete (Alt. A) in the City of Inglewood, between Prairie Ave. and Commercial St., and shoulders surfaced with plant-mixed surfacing, medium curing type.

CONTRACT AWARDED

COCHISE COUNTY, Ariz. — Pleasant-Hasler Co., 324 Luhrs Building, Phoenix, Arizona, awarded contract by the Arizona Highway Commission, Phoenix, March 27, at $152,428 for highway construction on the Fort Huachuca-Bisbee Highway, NRS 108-A, A.F.E. 601. The work, which begins at Fort Huachuca and extends southeasterly about 12⅔ miles, consists of grading, draining and placing aggregate base course and road oil plant mix.

TO SELECT ENGINEER.

ALAMEDA, Alameda Co., Cal—City Council will engage consulting engineer to survey city's transportation needs. Construction of tube under estuary to connect with bay bridge approach in Oakland is considered.

CONTRACT AWARDED

ANTIOCH, Contra Costa Co., Cal. —Lee J. Immel, 1031 Evelyn Street, Berkeley, at $3235 awarded contract by the Antioch City Council for the improvement of Fourth Street, bet. I and O Sts., consisting of grading, curbing, paving, etc.

SAN FRANCISCO — STREET IMPROVEMENT — (CITY)

SAN FRANCISCO—Bids for the improvement of Fitzgerald Ave., bet. Jennings St. and Third St., including the crossing of Fitzgerald Ave. and Keith St., by grading to official line and subgrade. Estimated cost, $2500.

The work involves:

(1) 4,500 c.y. grading (excavation);
(2) 110 c.y. grading (embankment);
(3) 632 l.f. 12-in. vitrified clay pipe sewer, in place;
(4) 46 12x6-in. vitrified clay pipe "Y" branches in place;
(5) 1 brick catchbasin, complete;
(6) 35 l.f. 10-in. vit. clay pipe culvert, in place;
(7) 2 brick manholes, complete.

The bidders were:

(A) Bayshore Construction Co., San Francisco.
(B) Eaton & Smith, San Francisco.
(C) James T. Tobin, San Francisco.
(D) Pacific States Constr. Co., San Francisco.
(E) Chas. L. Harney, San Francisco.
(F) E. J. Treacy, San Francisco.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .39	$ .50	$ .33	$ .415	$ .24	$ .30
(2)	.25	.01	.10	.20	.10	.01
(3)	1.25	2.00	1.67	2.80	3.00	2.10
(4)	2.50	1.00	2.50	2.00	2.00	2.50
(5)	70.00	100.00	95.00	100.00	100.00	70.00
(6)	1.00	1.50	1.50	2.50	2.00	1.00
(7)	80.00	100.00	95.00	90.00	100.00	80.00

All bids referred to City Engineer.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $14,176.50 submitted low bid to State Highway Commission, Sacramento, for about 1.9 miles of existing surfacing to be planed, rail trenches to be filled and plant mixed surfacing, medium curing type, to be placed in the City of Hayward between B St. and the north city limits, and in the City of San Leandro between the south city limits and Begier Street.

The work involves:

(1) 2,900 tons mineral aggregate (plant mixed surfacing);
(2) 125 tons liquid asphalt MC-extra heavy (plant mixed surfacing);
(3) 8 tons liquid asphalt MC-2 (prime coat);
(4) 13 tons liquid asphalt MC-3 (seal coat);
(5) 120 tons stone screenings (seal coat);
(6) 10,050 sq. yds. planing existing pavement.

Total bids follow:

(A) Lee J. Immel, Berkeley, $14,176.50.
(B) Jones & King, Hayward, $14,177.
(C) Ransome Co., Emeryville, $14,245.60.
(D) United Contracting Co., Portland, Ore., $15,262.50.
(E) Hanrahan-Wilcox Corp., S. F., $16,697.00.
(F) Union Paving Co., San Francisco, $16,826.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$3.40	$3.30	$3.26	$3.55	$3.95	$4.25
(2)	17.00	19.00	18.75	24.00	20.00	18.00
(3)	25.00	26.00	21.85	20.00	25.00	25.00
(4)	25.00	26.00	21.85	24.00	25.00	25.00
(5)	3.00	4.00	4.10	3.25	3.40	3.50
(6)	.13	.12	.15	.11	.18	.13

BIDS OPENED

ALAMEDA COUNTY, Cal.—Jones & King, Jackson St., Hayward, at $24,389 submitted low bid to the State Highway Commission, Sacramento, for about 0.6 mile grading and paving with Portland Cement Concrete and asphalt concrete in the City of Hayward, between the southerly boundary and B street.

The work involves:

(1) 15 M. gals. water;
(2) 1,600 c.y. rdwy. exav., unclass.;
(3) 2,800 each removing railroad ties;
(4) 260 c.y. removing and disposing of existing Portland cem. conc.;
(5) 11,000 sq. yds. planing existing pavement;
(6) 34 stations finishing roadway;
(7) 1,700 tons crusher run base;
(8) 2,100 tons asphalt concrete;
(9) 280 c.y. Class A Portland cement conc. (pavement widening strips)
(10) 800 lbs. bar reinf. steel;
(11) 400 each pavement dowels;
(12) 250 c.y. Class A Portland cement concrete (curbs and sidewalks);
(13) 3 each sewer vents adjusted to grade;
(14) 8 each manholes adjusted to grade
(15) 1 each special brick catchbasin.

Total bids follow:

(A) Jones & King, Hayward, $24,389.
(B) Union Paving Co., San Francisco, $26,240.
(C) Hanrahan - Wilcox Corp., San Francisco, $27,896. 50.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.00	$ 2.00	$ 1.50
(2)	.70	1.00	1.90
(3)	.06	.20	.25
(4)	3.00	4.00	2.70
(5)	.12	.13	.18
(6)	5.00	10.00	7.00
(7)	2.50	2.50	2.30
(8)	4.35	4.70	4.55
(9)	10.00	10.00	11.00
(10)	.06	.10	.08
(11)	.25	.30	.25
(12)	17.00	15.00	17.50
(13)	6.00	50.00	3.00
(14)	15.00	15.00	7.00
(15)	80.00	100.00	65.00

NAVAJO COUNTY, ARIZ.—3.776 Mi. Grading—(Govt.)

NAVAJO COUNTY, Ariz.—K. DeWitt, Mesa, Ariz., at $162,684.40 (as previously reported) submitted lowest of six bids received by the Bureau of Public Roads, Phoenix, for 3.776 miles of grading on Section A of Federal Lands Highway Project No. 6, the Globe - Showlow Highway in Navajo County, Ariz.

The work involves:

(1) 27 acres clearing;
(2) 149,200 c.y. unclass. excav.;
(3) 2480 c.y. unclass. excav. for struc.
(4) 6000 c.y. unclass. excav. for borrow;
(5) 110,000 sta. yds. overhaul;
(6) 1900 c.y. mi. borrow haul;
(7) 3.776 miles finishing earth graded road;
(8) 681 c.y. Class A concrete;
(9) 75,000 lbs. reinf. steel;
(10) 305 c.y. cement rubble masonry;
(11) 1628 l.f. 24-in. CM pipe in place;
(12) 344 l.f. 30-in. do;
(13) 104 l.f. 36-in. do;
(14) 210 l.f. 42-in. do;
(15) 134 l.f. 48-in. do;
(16) 2 each cattle guards in place;
(17) 1400 l.f. remove existing fence;
(18) 3738 l.f. new fence in place;
(19) 10,312 l.f. type I protection ditch.

Total bids follow:

(A) K. DeWitt, Mesa, Ariz., $162,684.40.
(B) Lee Moor Contr. Co., El Paso, Texas, $163,557.40.
(C) Morrison-Knudsen Co., 1121 Title Guarantee Building, Los Angeles, $179,334.80.
(D) Ernest W. Everly Albuquerque, N. M., $180,695.90.
(E) Hodgman & MacVicar, 714 Plymouth Road, Pasadena, $182,064.20
(F) Armstrong & Armstrong, Roswell, N. M., $221,925.76.
(G) Engineer's estimate, $165,886.50.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$150.00	$ 75.00	$125.00	$260.00	$150.00	$150.00	$175.00
(2)	.68	.74	.77	.77	.80	1.04	.75
(3)	2.00	1.25	1.50	2.00	2.00	2.00	1.75
(4)	.30	.25	.40	.28	.35	.35	.35
(5)	.04	.025	.025	.03	.03	.03	.02
(6)	.30	.40	.40	.25	.35	.40	.25
(6)	500.00	250.00	500.00	200.00	100.00	200.00	300.00
(8)	30.00	30.00	36.00	36.50	35.00	37.00	27.00
(9)	.06	.055	.08	.06	.065	.065	.065
(10)	19.00	18.00	20.00	19.00	22.00	22.00	17.00
(11)	3.00	3.00	3.00	3.05	2.50	3.40	3.25
(12)	3.80	3.60	4.00	3.85	3.50	4.00	4.25
(13)	6.00	5.50	6.20	6.00	5.50	6.25	6.00
(14)	7.00	6.50	7.40	7.10	6.50	7.20	7.50
(15)	8.00	7.50	12.00	8.10	8.00	10.00	10 00
(16)	500.00	750.00	700.00	900.00	800.00	800.00	750.00
(17)	.03	.04	.05	.04	.02	.03	.5
(18)	.10	.10	.10	.08	.10	.12	.10
(19)	.20	.10	.10	.08	.15	.15	.10

LOS ANGELES COUNTY—0.5 Mi. Pave & Surface—(State)

LOS ANGELES COUNTY, Cal.—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, as previously reported, submitted low bid to C. H. Purcell, State Highwty Engineer, Los Angeles, March 28, at $23,515.50 (using asphalt concrete, Alternative A), for highway construction in Los Angeles County, in the City of Inglewood, bet. Prairie Ave. and Commercial Street, about 0.5 mile in length, to be paved with either asphalt concrete or Portland cement concrete, and shoulders to be surfaced with plant-mixed surfacing, medium curing type. Griffith Co., 502 L. A. Railway Bldg., Submitted the low bid on cement concrete, (Alternate B) at $27,480. The work involves:

(1) 350 M. gals. water;
(2) 13,000 sq. yds. subgrade preparation;
(3) 2,000 tons mineral aggregate (plant mixed surfacing);
(4) 105 tons liquid asphalt MC-5 or MC - extra heavy (plant mixed surfacing);
(5) 15 tons liquid asph. MC-2 (prime coat);
(6) 15 each manholes adjusted to grade;

Alternative Items
(Central 40-ft. Portion)
Alternative "A"

(7) 5,400 tons asphalt concrete;

Alternative "B"

(8) 2,420 c.y. Class A Portland cement concrete (pavement);
(9) 600 each pavement dowels;
(10) 32,00 lbs. bar reinf. steel (pavement).

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

The bids were:

(A) United Concrete Pipe Corp., Total Alt. A., 2thw55$,32 with Alt. A, $23,515.50; Total with Alt. B, $29,049.50.
(B) Griffith Co., $24,963; $27,480.
(C) Geo. R. Curtis Paving Co., $24,435.
(D) Oswald Bros., $25,397.50.
(E) Southern California Roads Co., $26,192.50.
(F) Mundo Engineering Co., $26,580.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
								Alt. A	Alt. B	
(A)	$ .25	$.12	$2.45	$10.00	$18.00	$10.00	$2.87	$8.00	$.12	.05
(B)	1.60	.12	2.45	15.00	16.00	20.00	2.97	7.05	.09	.045
(C)	.25	.09	2.54	13.00	18.30	10.00	3.02	.....	....	....
(D)	.25	.15	2.50	13.00	20.00	15.00	3.05	.....	....	....
(E)	1.25	.10	2.80	14.00	18.00	25.00	3.10	.....	....	....
(F)	.50	.22	2.30	15.00	22.00	20.00	3.10	.....	....	....

BIDS OPENED.

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E 25th Street, submitted the low bid to the Los Angeles Board of Public Works, March 27, at $271,663.65, for the improvement of Sepulveda Blvd. from Ventura Blvd. to Sunset Blvd. The work involves:

(1) 35,856 cu. yds. excav., 30,562 cu. yds. fill);
(2) 1,132,770 sq. ft. of Warrenite Bit. pave., 8-in. thick, consisting of asph. conc. base, 6-in. thick, and Warrenite Bit. wearing surface 2-in. thick;
(3) 445 sq. ft. of Warrenite Bit. wearing surface of variable thickness (average 3-in.);
(4) 3319 sq. ft. of concrete pave., 8-in. thick (local depressions);
(5) 494,237 sq. ft. of rock and oil roadway, 2-in. thick;
(6) 334 lin. ft. of reinf. integral curb as per standard plan No. B-1037;
(7) 964 lin. ft. of reinf. conc. integral curb and concrete gutter, 1½-ft. wide, as per standard plan No. B-1037;
(8) 828 lin. ft. of uplastered heavy curb;
(9) 805 sq. ft. concrete sidewalk, 3-in. thick;
(10) 663 sq. ft. concrete gutter, 8-in. thick;
(11) 39,158 sq. ft. of white concrete, traffic lines 8-in. thick consisting of white concrete, 2-in. thick on asph. conc. base, 6-in. thick;
(12) 10 sq. ft. of white concrete traffic lines, 2-in. thick;
(13) 6586 lin. ft. of wooden guard rail as per standard plan No. B-902;
(14) sanitary sewer & appurtenances complete, not including resurf.,
(15) storm drain appurtenances, complete, not including local depressions;
(16) concrete retaining walls, complete;
(17) 216 lin. ft. concrete baffle walls;
(18) 9 manholes to be reset;
(19) 141 sq. ft. of Class C resurfacing.

The total bids were:

(A) Southern California Roads Co., $271,663.65.
(B) Griffith Co., $273,178.54.
(C) United Concrete Pipe Co., $298,-123.57.
(D) Engineer's estimate, $290,786.69.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	$24000.00	$28500.00	$20000.00	$20046.00
(2)	.172	.17	.19	.191
(3)	.12	.13	.15	.13
(4)	.21	.25	.20	.19
(5)	.03	.03	.04	.03
(6)	.50	.60	.70	.65
(7)	1.00	.80	1.00	.75
(8)	.50	.50	.80	.46
(9)	.12	.14	.14	.12
(10)	.25	.25	.20	.22
(11)	.27	.30	.28	.25
(12)	.25	.25	.25	.20
(13)	.50	.60	.80	.61
(14)	750.00	700.00	1000.00	650.00
(15)	12500.00	11000.00	12000.00	14365.00
(16)	8000.00	7000.00	10500.00	8160.00
(17)	1.00	1.00	1.00	.90
(18)	50.00	50.00	270.00	50.00
(19)	.20	.18	.20	.25

BIDS OPENED

TRINITY COUNTY, Cal. — Albert A. Helwig, 115 S. Main St., Sebastopol, at $15.90 per ton, total $9381 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for bituminous treatment (light surface application) of Sections A, B, C, D and E of Route 5, the Douglas City-Peanut National Forest Highway, Trinity National Forest ,Trinity County. The length of the project is 19.662 miles, and involves 590 tons of liquid asphaltic road material, Type SC-2.

Complete bids follow:

Albert A. Helwig, Sebastopol: (1) $15.90 per ton; (2) total, $9381.
Oil Fields Trucking Co., Bakersfield (1) $20.29; (2) $11,971 10.
C. F. Frederickson & Sons, Lower Lake: (1) $20.85; (2) $12,301.50.
Chas. Kuppinger, Lakeport: (1) $20.95 (2) $12,360.50.
Tiffany Constr. Co., San Jose: (1) $21; (2) $12,390.
Peninsula Paving Co., San Francisco: (1) $22.31; (2) $13,162 90
Hayward Bldg Materials Co., Hayward: (1) $22 90, (2) $13,511
Lee J. Immel, Berkeley, (1) $23 40, (2) $13,806.
J. C. Compton, McMinnville, Oregon (1) $28.50, (2) $16,815.

NYE COUNTY, Nev.—16.61 Mi. SURFACING—(STATE)

NYE COUNTY, Nevada.—U. B. Lee, 1059 Carpentier St., San Leandro, Cal., at $26,097, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 27, for construction of an asphaltic roadmix surface in Nye County from the California-Nevada State Line to the junction with Route 5, Death Valley Road, Route 29, Section A, a length of 16.61 miles.

The work involves :

(1) 304,600 gals. asphaltic road material, Type SC-2;
(2) 109 tons do, type MC-2;
(3) 16.61 miles roadmix;
(4) 16.61 miles finishing roadway

Total bids follow:

(A) U. B. Lee, San Leandro, Calif., $26,097.70
(B) Dodge Const., Inc., Fallon, $27,-596.70.
(C) J. A. Casson, Oakland, $28,036.80.
(D) George French, Jr., Stockton, Cal., $28,839.55.
(E) C. F. Frederickson & Sons, Lower Lake, Calif., $30,858.00.
(F) J. C. Compton, McMinnville, Ore., $33,429.50.
(G) W. W. Clyde, Springville, Utah, $42,705.50.
(H) Engineer's estimate, $32,435.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .054	$ .0575	$ .06	$ .058	$ .06	$ .065	$ .09	$ .065
(2)	23.00	22.40	22.50	22.50	24.00	26.00	26.00	24.50
(3)	400.00	425.00	390.00	500.00	500.00	600.00	600.00	550.00
(4)	30.00	35.00	50.00	25.00	100.00	50.00	150.00	50.00

ESMERALDA & MINERAL COS., Nev.—20.86 Mi. Highway

ESMERALDA and Mineral Counties, Nev.—Dodge Construction, Inc., Fallon, Nevada, at $97,930.85, as previously reported, submitted low bid and was awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, March 27, for construction of a portion of the State Highway System in Esmeralda and Mineral Counties, from Coaldale to Rhodes, Route 3, Sections F and A1, a length of 20.86 miles.

The work involves:

(1) 756 l.f. remove culvert pipe;
(2) 40 each remove culvert headwalls
(3) 65,880 c.y. roadway excavation;
(4) 35,804 sta. yds. overhaul;
(5) 31,121 c.y. select borrow;
(6) 2,770 c.y. structural excavation;
(7) 20.86 miles subgrade;
(8) 20.86 miles finishing roadway;
(9) 84,500 tons crushed gravel or stone surface;
(10) 280 c.y. Class A concrete;
(11) 73 c.y. Class B concrete;
(12) 30,900 lbs. structural steel;
(13) 4.8 MFBM redwood;
(14) 706 l.f. 18-in. CMP;
(15) 842 l.f. 24-in. CMP;
(16) 158 l.f. 30-in. CMP;
(17) 406 l.f. 36-in. CMP;
(18) 36 l.f. 1.5x1.5-ft. laminated culvert;
(19) 215 l.f. 2x2-in. do;
(20) 151 l.f. 3x2-ft. do;
(21) 68 l.f. double 8x4-ft. do;
(22) 30 l.f. relay culvert pipe;
(23) 81 each move pipe culvert headwalls;
(24) 94 each monuments;
(25) Lump sum. railroad crossing.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $97,930.85.
(B) Peninsula Paving Co., Fallon, $104,625.93.
(C) Isbell Const. Co., Reno, $110,425.23
(D) George Pollock Co., Sacramento, $117,730.98.
(E) Oswald Bros., Los Angeles, $118,-748.95.
(F) A. Teichert & Sons, Sacramento, $119,741.48.
(G) J. A. Casson, Oakland, $121,683.18.
(H) Engineer's estimate, $117,386.98.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ .50	$ 1.00	$ .50	$ .65	$ .50	$ .50	$ 1.00
(2)	5.00	6.00	6.00	10.00	6.00	5.00	10.00	5.00
(3)	.23	.23	.35	.30	.28	.34	.30	.30
(4)	.02	.02	.02	.02	.02	.02	.02	.02
(5)	.27	.35	.35	.40	.57	.40	.60	.40
(6)	1.00	1.50	1.00	1.00	1.15	1.00	1.00	1.00
(7)	100.00	175.00	50.00	00.00	110.00	150.00	200.00	150.00
(8)	100.00	150.00	150.00	00.00	140.00	100.00	100.00	100.00
(9)	.50	.49	.50	.60	.55	.60	.60	.60
(10)	25.00	26.00	30.00	30.00	30.00	25.00	25.00	30.00
(11)	25.00	25.00	30.00	30.00	30.00	25.00	25.00	28.00
(12)	.06	.07	.06	.06	.06	.06	.05	.07
(13)	100.00	130.00	110.00	100.00	120.00	125.00	100.00	120.00
(14)	2.00	2.25	2.00	2.00	2.25	2.00	2.00	2.00
(15)	2.75	3.00	2.85	3.00	3.00	3.00	3.00	2.75
(16)	3.50	3.50	3.25	4.00	3.75	4.00	3.75	3.50
(17)	5.00	5.50	5.00	6.00	5.50	5.00	5.00	5.00
(18)	3.50	3.25	3.60	3.00	3.50	4.00	2.50	3.00
(19)	4.40	4.50	4.00	3.50	4.50	5.00	4.00	5.00
(20)	6.60	7.00	7.00	6.00	6.50	7.00	6.00	7.00
(21)	40.00	40.00	42.00	15.00	42.00	45.00	20.00	25.00
(22)	1.00	1.00	1.00	.50	1.00	1.00	1.00	.75
(23)	10.00	10.00	10.00	10.00	10.00	15.00	10.00	10.00
(24)	3.00	3.00	3.50	4.00	3.00	3.00	3.00	4.00
(25)	150.00	150.00	200.00	00.00	250.00	200.00	300.00	200.00

Section 4½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Pacific Coast Permit Totals Highest in Three Years

$31,247,000 Relief Funds for Calif. Roads

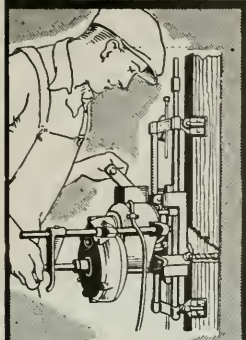
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

PRIL 13, 1935

Vol. XVIII—No. 15

WAPPAT Electric TOOLS



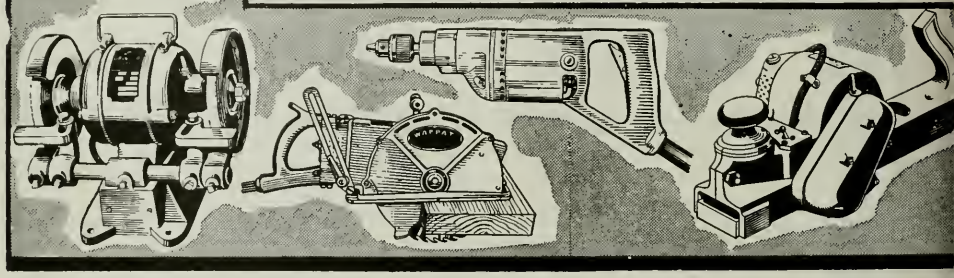
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., APRIL 13, 1935 No. 15

RECONSTRUCTION OF GIRLS' HIGH TO COST $205,000

City To Let Contract This Month; Also for Francis Scott Key Building

Bids for construction of the Francis Scott Key School and for the reconstruction of the Girls' High School will be opened this month by the San Francisco Department of Public Works Approximately $367,000 will be expended on the two projects, according to the department's estimates.

Proposals for reconstruction of the Girls' High School, cost of which is estimated at $205,000, will be opened April 17. Work on the school, which was being performed under contract by C. L. Wold, was halted last fall when fire destroyed a portion of the building, causing nearly $50,000 damage.

The work, as now advertised, will include restoration of the portions damaged by fire as well as completion of the reconstruction job, to bring the building into conformity with the State earthquake safety act. Two contracts will be let. general work estimated to cost $195,000, and for terra cotta and brick work, cost of which is estimated at $10,000. Plans were prepared by Architects H. A. Minton. Henry C. Smith and Mark T. Jorgensen. According to the specifications, all work on the building must be completed by Augnst 15, this year.

On April 24 the department will open bids for construction of the Francis Scott Key School, estimated to cost $162,000. It will be a 2 story reinforced concrete building and will contain 18 classrooms, according to plans prepared by Architects Wm. Mooser, Edward Eamer and Douglas Dacre Stone. Bids are being taken for general work, electrical work, and mechanical work and plumbing. James M. Smith is structnral engineer for the project

APPOINTED

Architect Howard Bissell has been appointed planning engineer for the city of Stockton, a post recently created providing for part-time service. Mr. Bissell has been chairman of the Stockton Planning Commission.

Coast Building Permits At 3-Year High; March Totals Gain 20% From February

Building permits on the Pacific Coast in March reached the highest monthly total in three years and crossed the $10,000,000 mark for the first time since March 1932.

The total for all inspection departments reporting is $10,524,340, which is a gain of about twenty per cent over the February total and more than fifty per cent gain from March 1934. The total of permits is 8235 a gain of about twenty-five per cent in number over February and about fifty per cent from March 1934.

In the first quarter of 1935 permits have been issued for building in the Pacific Coast and neighboring states for work valued at $26,787,000, a gain of more than $10,000,000 over permits issued in the first quarter last year.

Five states reported higher totals in March than for the previous month and the same group reported improvement from March a year ago. Washington and Oregon totals were less than either of the comparative months.

Following are the totals for March reported by fifteen leading cities:

	Permits	Value
Los Angeles	1732	$2,657,056
San Francisco	532	1,148,746
San Diego	353	801,156
Oakland	476	487,402
Long Beach	483	400,710
Santa Ana	66	336,634
Beverly Hills	74	253,890
Portland	296	241,210
Glendale	112	173,752
Tacoma	26	149,41[illegible]
Seattle	353	124,855
Sacramento	105	120,199
San Bernardino	87	113,100
San Jose	64	111,805
Spokane	160	106,599

BONELLI NAMED STATE REGISTRAR

William G. Bonelli, Los Angeles attorney and former assemblyman, yesterday was appointed director of the state department of professional and vocational standards and registrar of contractors. Mr. Bonelli took the oath of office at Sacramento immediately after Governor Merriam announced his appointment and left for Los Angeles to confer with Col. Carlos Huntington, whom he succeeds. Col. Huntington resigned last month to become associated with a Los Angeles business firm. Mr. Bonelli announced that he would return to Sacramento at the end of the week to assume his duties.

OAKLAND TO JOIN DEPOSITORY SYSTEM

Affiliation with the Central Bid Depository System of Northern California has been approved by the code coordinating committee in Oakland, it was announced yesterday. The central depository in Oakland is located in the Builders' Exchange building.

Decision to join the regional organization was reached at a committee meeting attended by Lloyd Flatland, chairman of the San Francisco code coordinating committee, Rex Daddisman, central depository manager, Mano Zan, code coordinator for the state registrar of contractors, and B. Piutti.

Members of the Oakland code committee are: Harry McManus, chairman; George Eldridge, secretary; Herbert Johnson, Fred Pierce Henry Weisenhaus, P. J. Kooyman, Sr., P. J. Kooyman, Jr., Carl Doell, A. H. Blackwell, Peter Knudsen, Herbert Schultz.

GENERAL ELECTRIC AWARD PRESENTED

Presentation of a check for $1,250, the prize award to Architect John Eakin Dinwiddie for his entry in the national home design competition conducted by General Electric Company, was made at a meeting of Electric Appliance Company officials in the Engineers' Club Friday. The award was presented by Raymond M. Alvord, western district manager of General Electric.

Two second prizes were won by California architects in the contest, the other going to Richard J. Neutra, Los Angeles.

Fredrickson & Watson Low Bidder For Extension to South S. F. Undercrossing

SACRAMENTO, April 10.—Fredrickson & Watson Construction Co., Oakland, today submitted the low bid to the State Highway Commission for widening the existing undergrade crossing on the Bay Shore highway at South San Francisco. The crossing separates the highway grade from the tracks of the Southern Pacific Railroad.

Six bids were received, as follows:

Fredrickson and Watson, Oakland	$129,908
Healy-Tibbitts, S. F.	134,282
M. B. McGowan and C. W. Calletti, San Francisco	142,766
Barrett & Hilp, San Francisco	155,502
Bodenhamer Const. Co., Oakland	166,120
Chas. L. Harney, S. F.	167,623

M. B. McGowan, San Francisco, and C. W. Calletti, San Rafael, jointly submitted the low bid for constructing two steel bridges on the Feather River highway in Plumas County.

Complete total bids follow:

J. B. McGowan and C. W. Calletti, San Francisco	$113,448
Lord & Bishop, Sacramento	114,801
Bodenhamer Const. Co., Oakland	115,838
Bates and Rogers Const. Co., Oakland	122,114
Rocca & Co., San Rafael	123,619

The low bid for widening and surfacing at the entrance to the city of Woodland was submitted by A Teichert & Son, Sacramento.

Complete bids follow:

A. Teichert and Son, Sacramento	$ 29,414
A. G. Raisch, San Francisco	31,785
C. L. Harney, San Francisco	33,333
Lee J. Immel, Berkeley	33,654
Hemstreet & Bell, Marysville	34,879
Ransome Co., Emeryville	35,592

No bids were received on a contract for grading 12.5 miles in Siskiyou county between Cougar and Horse Thief Creek on which proposals were due to be opened today.

State to Sell 15 Dwellings on Bridge Approach

Fifteen houses on the right-of-way of the Bay Bridge approaches in Oakland are to be sold for removal or wrecking by the State Division of Highways. Sale will be by sealed bids to be opened at the office of the division, 500 Sansome street, San Francisco, April 19, 2 P. M.

The structures are principally small residences and garages. (A complete description appears in the Advance Report section.)

This is the second lot of buildings to be removed from the bridge right-of-way in the Eastbay. A group of 39 buildings were sold earlier this month.

NEVADA LETS TWO CONTRACTS

CARSON CITY, Nev., April 10.—Contracts were awarded today by the Nevada Highway Directors to low bidders on highway construction projects as follows: Fredrickson & Watson Construction Co., Oakland, between ten miles north of Reno and Pyramid Lake, $97,864; Nevada Rock and Sand Co., Reno, between Toll House and Paradise Hill, $69,989.

Peninsula Paving Co., Fallon, was second low bidder on each of the two contracts.

BIDS CALLED ON FOUR JOBS BY COMMISSION

Sacramento, Ventura and Los Angeles Construction Contracts Advertised

SACRAMENTO, April 9.—Opening of bids on four contracts was scheduled today by the State Division of Highways. Figures will be received May 1 in Sacramento for work in Sacramento County and May 2 in Los Angeles for two contracts in Ventura County and one in Los Angeles.

The four projects are:

Sacramento County: Grading and surfacing with crusher run base and applying armor coat on 2.1 miles between Ryde and one-half mile east of Steamboat Slough.

Los Angeles County: Constructing a reinforced concrete girder bridge 301 feet in length across Arroyo Grande de los Posos and Pacific Electric tracks at Marengo street, Los Angeles.

Ventura County: Constructing reinforced concrete girder bridge 110 feet in length across Calleguas creek about two and one-half miles south of Camarillo.

Ventura County: Grading and surfacing .06 mi. at Harmon Barranca.

FIRST QUARTER ORDERS AT MILLS GAIN 18%

Orders showed a gain of 18 per cent in the first quarter of 1935 compared with 1934, according to reports from lumber mills to the National Lumber Manufacturers' Association. As compared with last year production was one per cent and shipments 23 per cent greater.

ALAMEDA SCHOOL RECONSTRUCTION TO COST $553,000

Engineers File Report Advising Quake-Proofing Work Required

Expenditure of $553,100 for the reconstruction of Alameda city schools to comply with the Field act is recommended in a report to the board of education filed by three structural engineers. Two other schools should be replaced with new buildings, because their age does not justify the expense of reconditioning, the engineers advised.

The schools were surveyed by L. H. Nishkian, Harold B. Hammill and Earle B. Russell, structural engineers of San Francisco.

Cost of work on the high school is placed at $221,700, allocated to the individual buildings as follows: main building, $48,000; science building, $23,000; west building, $60,000; gymnasium, $21,000; auditorium, $45,000. Engineering and architectural fees and other costs are placed at $24,700.

Expenditures on other schools are recommended as follows: Lincoln, $80,000; Washington, $77,000; Haight, $70,000; Porter, $67,000. Engineering and other fees and expenses on this group, $37,400.

The board of education has called a mass meeting for next Tuesday night for public discussion of the report and to consider ways and means of financing.

PWA Amends Regulations on Contract Surety

PWA state engineers have been advised that in all future contracts contractors' bonds must contain a paragraph by which the contractor's surety agrees that no extra or change orders shall affect its obligations under the bond, and agrees to waive notice of any change or extra orders. The notice to engineers stated that, in some contracts already underway, change orders or extras had been made by the borrower without notice to the surety and that this, in some cases, then discharged the surety from its obligation on the contractor's bond.

PWA Form 61

Because many bidders are inadvertently failing to file with their bids executed copies of Form 61, the following order was issued Mar. 2 by PWA in order to assure the signing of the certificate:

"On all contracts advertised after the date of the receipt of this order, the Form of Proposal must set forth verbatim the Certificate of Compliance immediately above the place for signature on the proposal."

LET $3,200,000 CONTRACT FOR RAISING DAM

Utilities Commission Affirms Award To Transbay Co. Of PWA Project

Award to Transbay Construction Company, Pier 24, San Francisco, of the contract for enlarging O'Shaughnessy Dam, voted Monday night by the Public Utilities Commission, was approved yesterday by A. D. Wilder, State PWA Engineer. The contract price is $3,219,965.

The Commission awarded the contract by a 3 to 2 vote, the same ballot as that recorded last week before Commissioner John McCallum changed his vote and moved for reconsideration.

The dam, which is 344½ ft. from the lowest point of its foundation to its crest, will be increased 85 feet to a total height of 429½ feet. Storage capacity of the reservoir will be about 69 per cent greater than at present.

The project, a portion of San Francisco's Hetch Hetchy water supply system, will be financed in part by a $1,058,000 grant from the Federal Public Works Administration, the balance of the necessary funds being supplied by sale of a $3,500,000 bond issue, approved in November 1933.

It is estimated that the work will require about 18 months to complete, an average of 700 men being employed during that period.

Among the major items included in the contract are 205,000 cu. yds. mass concrete in the dam; 227,000 barrels of Portland cement; 450,000 pounds reinforcing steel; 400,000 pounds of anchor bars; 300,000 feet of one-inch metal tubing; installing 500,000 lbs. outlet valves furnished by the city; installing 250,000 lbs. drum gates, and numerous others.

The dam, which is located at the west end of Hetch Hetchy Valley on the Tuolumne River, Tuolumne County, impounds water which is used for generation of power at the Moccasin power plant and for the domestic water supply of San Francisco.

Transbay Construction Company has recently completed their contract for construction of the four deep water piers and central anchorage which comprise the major portion of the west-bay substructure of the San Francisco-Oakland Bay Bridge.

Officials of the Transbay company are Chas. F. Swigert, president; J. A. McEachern, vice-president; Chas. A. Shea, secretary, and Felix Kahn, treasurer.

INSPECTOR APPOINTED

Kenneth Garner has been appointed city building inspector to administer the newly-adopted city building and zoning ordinance of the city of Yreka. Mr. Garner's office is at 111 South Broadway.

$31,247,000 For California Highways In Federal Work-Relief Appropriation

The greatest road construction program in the history of the state will be possible with an estimated allotment of $31,247,000 to California from the four-billion-dollar work relief bill which Congress has finally passed and sent to the President for his signature. Calculations made here yesterday indicated approximately $19,865,000 will be given this state for highway construction and $11,382,000 for grade crossing elimination.

These allotments will be made available to the State Division of Highways for expenditure under regulations of the U. S. Bureau of Public Roads, it is understood.

The work - relief bill earmarks $500,000,000 for highways, roads, streets and $300,000,000 for grade crossing elimination. It requires that road funds be apportioned on the usual formula for federal-aid construction. Grade crossing money is to be apportioned on a basis of one-half for population, one-fourth for mileage of federal-aid highways and one-fourth for railroad mileage.

The total available for California, $31,247,000 is larger by $2,500,000 than the entire construction expenditure of the state in the fiscal year ending June 30, 1934. It is twice the amount allotted to the state under the original NIRA highway construction appropriation of four hundred millions and it exceeds by nearly eight million dollars the total allotted this state under both the 1934 and 1935 NIRA approriations.

The state of Nevada will receive $5,750,000 for highways and $1,371,000 for grade crossing elimination, according to preliminary estimates

The money is to be spent by June 30, 1937. The President is given almost unlimited authority over its administration. The sums earmarked are $800,000,000 for highways, roads, streets and grade crossings; $900,000,000 for loans and grants to non - federal projects; $450,000,000 for housing; $500,000,000 for rural rehabilitation and relief in stricken agricultural areas, water conservation, trans - mountain water diversion, irrigation and reclamation; $100,000,000 for rural electrification; $300,000,000 for assistance to educational, professional and clerical persons; $600,000,000 for Civilian Conservation Corps; $350,000,000 for sanitation, prevention of soil erosion, reforestation, forestation, flood control, rivers and harbors and miscellaneous projects. The President has authority to shift as much as 20 per cent of earmarked funds from these classifications.

BUILDERS TO MEET AT GRASS VALLEY

Nevada County Builders' Exchange will be host at a convention of exchange delegates from cities of the Sacramento valley to be he'd at Grass Valley in June. The meeting will be a general gathering similar to that held earlier this year at Chico. Dates for the convention have not been announced.

PETER J. McHUGH LOW ON MARINA PRESSURE MAINS

Submits $83,961 Proposal For Installing First Section Of Extension

Peter J. McHugh, 363 Valencia street, yesterday submitted low bid to the San Francisco Department of Public Works for installing section "A" of the Marina District extension to the city's high-pressure fire protection mains. Amount of the low proposal was $83,961.

Eaton and Smith at $86,661, and Lowrie Paving Company at $87,316, were second and third low bidders, respectively.

The work will require installation of 19,659 feet of bell spigot pipe, 84 gate valves, and 40 standard high-pressure hydrants, to be furnished by the city. Other major items in the contract include 97,027 pounds of pig lead; 53,228 pounds of cast iron special castings; 36,948 pounds of manhole and valve box cast iron frames, covers and dust pans; 10,050 cubic yards excavation and backfill; 48,427 square feet of asphalt concrete pavement, and furnishing and installing 67 tons of bell and spigot pipe.

Total bids were:

Peter J. McHugh	$83,961
Eaton & Smith	86,661
Lowrie Paving Co.	87,316
Charles L. Harney	87,604
Peninsula Paving Co.	98,607
Pacific Pavements Co., Ltd.	104,368

Bids for installing section "B" of the Marina District extension are to be opened April 17 by the Department of Public Works.

NAPA EXCHANGE NAMES OFFICERS

E. W. Doughty, building contractor, was elected president of Napa Builders' Exchange at the annual meeting of the board of directors.

Other officers are John Graham vice-president; Wm. Noble, treasurer. Directors include Thos. Jessiman, E. Ballette, Ed. Arnitz, Wm. Schwarz, S. J. Cinnamond and H Vienop.

Shipments of domestic deep well water systems valued at $70,892 were reported to the Bureau of the Census during February, 1935, as compared with $48,623 during the same month last year.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
285	Sunset	Cahill	25000
286	Hart	Jones	1000
287	Struthers	Owner	3000
288	Bridge	Dinwiddie	10000
289	Reutschler	Owner	3000
290	Struthers	Owner	3000
291	De Maria	Owner	20000
292	Spreckles	Presco	2900
293	Stoneson	Owner	3000
294	Stoneson	Owner	3000
295	Stoneson	Owner	3000
296	Depaoli	Lindsay	3500
297	Hyman	Lindsay	3000
298	Bernhardt	Owner	3500
299	Lehman	Owner	1900
300	Rolandi	Moore	15000
301	Doelger	Owner	4000
302	Doelger	Owner	4000
303	Doelger	Owner	4000
304	Doelger	Owner	4000
305	Doelger	Owner	4000
306	Doelger	Owner	4000
307	Doelger	Owner	4000
308	Doelger	Owner	4000
309	Doelger	Owner	4000
310	Doelger	Owner	4000
311	Doelger	Owner	4000
312	Land	Owner	4000
313	Blazer	Owner	4500
314	Busso	Sharman	2800
315	Allied	Owner	3500
316	Bignasca	Owner	1000
317	Pacific	Owner	8000
318	Abraham	Dupuy	6000
319	Owen	Owner	3000
320	Greenfield	Bourdieu	3993
321	Blum	Owner	4000
322	Standard	Standard	6000
323	Standard	Not Let	1000
324	Handlesman	Isaac	9500
325	Same	Same	9500
326	Galli	Owner	3500
327	Galli	Owner	4000
328	Galli	Owner	3500
329	Galli	Owner	4000
330	Schmidt	Schmidt	2950
331	Galli	Owner	3500
332	Galli	Owner	3500
333	Galli	Owner	4000
334	Galli	Owner	3500
335	Bank of Calif.	Petersen	1000

ADDITION
(285) W SANSOME ST. 114 N Vallejo St. One- and two-story loft addition.
Owner—Sunset Press, 1045 Sansome St., San Francisco.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
ContractorJ—Cahill Bros., 206 Sansome St., San Francisco. $25,000

ALTERATIONS
(286) E GOUGH ST. bet. Fulton and Ash Sts. Alter Parcel Delivery Service Building.
Owner — Louis F. Hart, 897 Clayton St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Paul K. Jones, 666 Mission St., San Francisco. $1000

DWELLING
(287) W CAYUGA 159 S San Juan St. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(288) NO. 251 POST ST. Alter offices
Owner—May E. Bridges et al, 251 Post St., San Francisco.
Architect — Hyman & Appleton, 58 Post St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor — Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco. $10,000

GARAGE
(289) SW FIFTEENTH ST. & Albion Ave. One-story Class C public garage.
Owner — Rentschler Bros., 1767 15th St., San Francisco.
Engineer—Russell & Ellison, Pacific Bldg., San Francisco. $3000

DWELLING
(290) W CAYUGA AVE. 134 S San Juan St. One-story and basement frame dwelling.
Owner — Marshall T. Struthers, 4250 Mission St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(291) 222 COLUMBUS AVE.; alter vacant hotel building for offices, studio apts., etc.
Owner—J. B. De Maria, 114 Sansome.
Architect—Not Given. $20,000

ALTERATIONS
(292) 2 PINE ST.; alter offices.
Owner—J. D. and A. B. Spreckels Co., 2 Pine Street.
Architect—Geo. W. Kelham, % owner.
Contractor—Oscar Presco & Sons, 250 Langton St. $2900

DWELLING
(293) S CAYUGA 50 E GENEVA; one-story and basement frame dwelling
Owner—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Charles F. Strothoff, 2274 15th Street. $3,000

DWELLING
(294) S CAYUGA 150 E Geneva; one-story and basement frame dwelling
Owner—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Charles F. Strothoff, 2274 15th Street. $3,000

DWELLING
(295) S CAYUGA 175 E Geneva; one-story and basement frame dwelling
Owner—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Charles F. Strothoff, 2274 15th Street. $3,000

DWELLING
(296) W ALEMANY 62 S Tingley; 1-story and basement frame dwelling
Owner—S. and Josephine Depaoli, 3289 Mission Street.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3,500

DWELLING
(297) W DUNSMUIR 130 N Silver; one - story and basement frame dwelling.
Owner—Hyman Bros., 742 Market St.
Architect—R. R. Irvine, % contractor.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3,000

DWELLING
(298) S BEACH 205 E Webster; one-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval Street.
Architect—C. O. Claussen, 746 46th Avenue. $3500

ALTERATIONS
(299) SW FOURTH ST. and Harrison; alter industrial building.
Owner—Lehman Printing and Lithographing Co., lessee, 4th St. and Perry.
Engineer—Alfred P. Fisher, 111 Sutter Street. $1,900

STORE
(300) NW LARKIN and Turk; Class C auto store.
Owner—F. H. Rolandi, 880 Camino del Mar.
Architect—H. A. Minton, 525 Market Street.
Engineer—L. H. Nishkian, 525 Market Street.
Contractor—Moore & Roberts, 693 Mission Street. $15,000

DWELLING
(301) E THIRTY-THIRD AVE. 250 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(302) E THIRTY-THIRD AVE. 75 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(303) E THIRTY-THIRD AVE. 125 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(304) E THIRTY-THIRD AVE. 175 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(305) E THIRTY-THIRD AVE. 225 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(306) E THIRTY-THIRD AVE. 275 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(307) E THIRTY-THIRD AVE. 50 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(308) E THIRTY-THIRD AVE. 100 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $40[illegible]

DWELLING
(309) E THIRTY-THIRD AVE. 150 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(310) E THIRTY-THIRD AVE. 200 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(311) E THIRTY-THIRD AVE. 250 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave. $4000

DWELLING
(312) W FORTY-THIRD AVE. 210 N Balboa St. One-story and basement frame dwelling.
Owner—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $4000

DWELLING
(313) S TWENTY-SIXTH ST. 294 W. Church St. One-story and basement frame dwelling.
Owner—Peter Eulzer, 3951 26th Street, San Francisco.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco. $4500

DWELLING
(314) W LONDON ST. 100 S Italy Ave. One-story frame dwelling.
Owner—A. Busso, % Contractor.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700 Broderick St., S. F. $2800

STORE
(315) NO. 555 TENTH ST. One-story frame box store and repair shop.
Owner—Allied Box Co., Leon Strauss, 521 Tenth St., San Francisco.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco. $3500

REPAIRS
(316) NO. 1400 POWELL ST. Repair fire damage to dance hall.
Owner—H. Bignasca, Premises.
Architect—Not Given. $1000

FACTORY
(317) W NEWHALL ST. 115 N Carroll St. Foundation only for Class A special factory.
Owner—Pacific Can Co., Prem.
Engineer—Ellison & Russell, 715 Pacific Bldg., San Francisco. $8000

ALTERATIONS
(318) NO. 1055 MARKET ST. Alter for market.
Owner—Samuel Abraham, % Contractor.
Architect—F. H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. Dupuy, 110 Sutter St., San Francisco. $6000

ALTERATIONS
(319) NO. 3474 CLAY ST. Alterations to dwelling.
Owner—Ethel D. Owen, M. D., Prem.
Architect—W. R. Yelland, Financial Center Bldg., Oakland. $3000

ALTERATIONS
(320) NO. 2409 PACIFIC AVE. Alter flats.
Owner—C. Greenfield, % Contractor.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—J. H. Bourdieu, 2626 20th St., San Francisco. $3993

DWELLING
(321) N BURROWS 103 NE Goettingen. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given $4000

STATION
(322) NE FELL ST. and MASONIC Ave. Class A steel service station
Owner—Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush St., S. F. $6000

AUTO LIFT
(323) NE ELLIS AND TAYLOR STS. Steel auto lift and retaining wall.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Not Let. $1000

FLATS
(324) S NORTH POINT ST. 130 W Webster St. Two-story and basement frame flats.
Owner—L. Handlesman, % Contractor
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco. $9500

FLATS
(325) S NORTH POINT ST. 155 W Webster St. Two-story and basement frame flats.
Owner—L. Handlesman, % Contractor
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco. $9500

DWELLING
(326) E TWENTY-THIRD AVE. 83 S Ocean Avenue. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $3500

DWELLING
(327) E TWENTY-THIRD AVE. 206 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $4000

DWELLING
(328) E TENTH AVE. 225 S Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $3500

DWELLING
(329) E TWENTY-THIRD AVE. 42 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $4000

DWELLING
(330) E FLORIDA ST. 125 S 20th St. One-story and basement frame dwelling.
Owner—Adolf P. Schmidt, 1358 Potrero Ave., San Francisco.
Architect—Not Given.
Contractor — Schmidt Brothers, 1395 Hampshire St., S. F. $2950

DWELLING
(331) E TWENTY-THIRD AVE 287 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $3500

DWELLING
(332) E TWENTY-THIRD AVE. 124 S Ocean Ave. One-story and basement frome dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $3500

DWELLING
(333) E TWENTY-THIRD AVE. 247 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $4000

DWELLING
(334) E TENTH AVE. 250 S Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco. $3500

ALTERATIONS
(335) NW SIXTEENTH ST. AND Julian Ave. Alter bank.
Owner—Bank of California, Premises.
Architect—Not Given.
Contractor—Antoni Petersen, 2758 San Bruno Ave., San Francisco. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
191	Roseberg	Owner	2900
192	Maxwell	Owner	2000
193	Patterson	Owner	1500
194	Thompson	Pfeiffer	1400
195	Rockwood	Grubb	2750
196	Swanson	Saver	1200
197	Cavaller	Cedarborg	4980
198	Timpson	Carlson	8000
199	Mye	Owner	1000
200	Murray	Norris	4000
201	McGurin	Mallock	1500
202	Christ	Owner	1000
203	Read	Rankin	2675
204	Calegeri	Campomenosi	5900
205	Pan-Americon	Farringer	2000
206	Beckett	Owner	5500
207	Haller	Owner	8750
208	Fairchild	Paige	1685
209	Lincoln	Owner	6000
210	Kestl	Owner	5800
211	Saunders	Charles	1000

DWELLING
(191) N. 3638 HAGEMAN AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—August Roseberg, 1712 48th Ave., Oakland.
Architect—Not Given. $2900

ADDITIONS
(102) NO. 2100 SHATTUCK AVE., **BERKELEY.** Additions.
Owner—John P. Maxwell.
Architect—Not Given. $2000

DWELLING
(193) 3079 MOUNTAIN BLVD., **OAKLAND;** 1½-story 3-room dwelling
Owner and Builder—E. Patterson, 3077 Mountain Blvd., Oakland.
Architect—Not Given. $1500

SERVICE STATION
(194) 6697 FOOTHILL BLVD., **OAKLAND;** one-story brick and concrete service station.
Owner—Wm. Thompson, premises.
Architect—R. C. Schuppert.

Contractor—R. Pfeiffer, 6221 Bromley St., Oakland. $1400

DWELLING
(195) 10806 BREED AVE., **OAKLAND;** one-story 6-room dwelling and garage.
Owner—T. Rockwood, premises.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $2750

ALTERATIONS
(196) 900 LINCOLN AVE., **ALAMEDA;** alter store and flats.
Owner—Chas. H. and Lillian Swanson, 925 Rockdale Ave., San Francisco.
Architect—Not Given.
Contractor—F. M. Sauer, 725 Santiago St., San Francisco. $1200

SERVANTS' QTRS.
(197) 401 HAMPTON ROAD, **PIEDMONT;** servants' quarters.
Owner—Wm. C. Cavalier, 417 14th St., Oakland.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. Cedarborg, 1455 Excelsior Ave., Oakland. $4980

DWELLING
(198) 1 PROSPECT RD. **PIEDMONT;** two-story 9-room frame residence and garage.
Owner—Lawrence S. Timpson, 2839 Morgan St., Oakland.
Architect—Winfield H. Hyde, 954 12th St., Oakland.
Contractor—Nels E. Carlson, 2839 Morgan St., Oakland. $8000

ALTERATIONS
(199) 702 ALICE ST., **OAKLAND;** alterations and addition.
Owner and Contractor—Geo. L. Mye, 2331 Telegraph Ave., Oakland.
Architect—Not Given. $1000

DWELLING
(200) NO. 5954 OCEAN VIEW DR., **OAKLAND.** One-story five-room dwelling.
Owner—O. H. Murray, 4247 Piedmont Ave., Oakland.
Architect—W. Huson, San Francisco.
Contractor—Ralph Norris, 4247 Piedmont Ave., Oakland. $4000

ALTERATIONS
(201) NO. 2500 COLLEGE AVENUE, **OAKLAND.** Alterations.
Owner—Howard McGurin, San Francisco.
Architect—Not Given.
Contractor—J. S. Mallock, 660 Mission St., S. F. $1500

ADDITION
(202) NO. 1711 SEVENTH ST., **OAKLAND.** Addition.
Owner—Christ Holy Scantified Church Premises.
Architect—Not Given. $1000

ALTERATIONS
(203) NO. 3440 FOOTHILL BLVD., **OAKLAND.** Alterations and repairs.
Owner—Daniel Read, 882 Alma Ave., Oakland.
Architect—Not Given.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland. $2675

DWELLING
(204) NO. 665 FORTY-FIFTH ST., **OAKLAND.** One-story six-room dwelling.
Owner—C. Calegeri, Prem.
Architect—Not Given.
Contractor — E. Campomenosi, 6401 Broadway, Terrace, Oakland. $5900

ALTERATIONS
(205) AIRPORT, **ALAMEDA.** Alter airplane hangar, etc.
Owner—Pan-American Airways.
Architect—Not Given.
Contractor—Farringer & Spaulding, 1806 Central Ave., Alameda. $2000

RESIDENCE
(206) NO. 533 BLAIR AVE., **PIEDMONT.** Two-story 5-room frame residence and garage.
Owner—A. T. Beckett, 224 Scenic Ave. Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $5500

RESIDENCE
(207) NO. 340 JEROME AVE., **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—Paul H. Haller, 32 Evirel Pl., Oakland.
Architect—None. $8750

RESIDENCE
(209) NO. 11 SCENIC AVE., **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—Luther H. Lincoln, 2201 E-14th St., Oakland.
Architect—Not Given. $6000

RESIDENCE
(210) NO. 1072 PARK LANE, **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—David Kesti, 2217 Browning St., Berkeley.
Architect — Paul R. Anderson, 1652 15th Ave., Oakland. $5800

ADDITION
(211) NO. 1951 E-THIRTY-EIGHTH St., **OAKLAND.** Addition.
Owner—R. W. Saunders, Prem.
Architect—Not Given.
Contractor—O. Charles-Miller & Son, 2603 Linden St., Oakland. $1000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
71	Associated	Grant	3642
72	Maggini	Foliotti	3000
73	Rolandi	Moore	17725
74	Hush	Fricke	131
75	Prosser	Kopp	185
76	Pelafigue	Lindgren	1287
77	Friedlander	Kahler	205

STATION
(71) THIRD AND BRANNAN STS. All work for super service station facilities at Station No. 10.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Grant-Martinelli Constr. Co., 666 Mission St., S. F.
Filed April 3, '35. Dated April 1, '35.
Upon completion 75%
Usual 35 days..... Balance
TOTAL COST, $3642
Bond, $3642. Surety, Globe Indemnity Co. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(72) N JACKSON ST. 65 W Davis St. All work for alterations to building.
Owner—C. A. Maggini.
Architect—Not Given.
Contractor—R. Foliotti, 200 Cervantes Blvd., San Francisco.
Filed April 4, '35. Dated Mar. 26, '35.
Front cement wall and trusses in $1000
When completed 1000
Usual 35 days..... 1000
TOTAL COST, $3000
Bond, $3000. Sureties, Valentino Califano and Adolph Nestori. Limit, forfeit, none. Plans and specifications filed.

STATION
(73) NW TURK AND LARKIN STS. All work for super service station
Owner—Dozolina Rolandi, extr. for Estate of F. S. Rolandi, decd.
Architect—Henry A. Minton, 525 Market St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.
Filed April 3, '35. Dated Mar. 27, '35.
On 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST not to exceed $17,725
Bond, $18,450. Surety, Standard Accident Insurance Co. Limit, 100 calendar days. Forfeit, none. Plans only filed.
NOTE—Cost plus $1000 contractor's fee.

ALTERATIONS
(74) NO. 312 AVILA ST. All work for exterior painting of dwelling and repairs to garage door.
Owner — Walter F. R. and Gertrude Hush, Premises.
Architect—Not Given.
Contractor—Henry A. Fricke.
Filed April 3, '35. Dated Jan. 9, '35.
HOLC Contract.
TOTAL COST, $131
Bond, $131. Surety, Glen Falls Indemnity Co. Limit, 10 days. Forfeit, none. Specifications only filed.

PAINTING, ETC.
(75) 2015 OCEAN AVE.; paint exterior wood and metal work, etc., and repair shingle roof.
Owner—A. M. and Eleanor E. Prosser, 2015 Ocean Ave.
Architect—Not Given.
Contractor—Karl Kopp, 1715 8th Ave.
Filed, April 5, '35. Dated April 4, '35.
HOLC Contract.
TOTAL PRICE, $185.00
Bond, $185. Sureties, Massachusetts Bonding & Insurance Co. Spec. filed.

REPAIRS & PAINTING
(76) 5 WINFIELD ST.; miscellaneous repairs and interior and exterior painting of dwelling.
Owner—Emma Pelafigue, 163 Sutter.
Architect—Not Given.
Contractor—Albin C. Lindgren, 364 Lowell Street.
Filed, March, 6, '35. Dated Mar. 3, '35
When work 50% completed.....50%
Completion 50%
TOTAL COST, $1,287.50
Bond, $1287.50. Sureties, U. S. Fidelity & Guarantee Co. Limit, 30 days.

ALTERATIONS
(77) NO. 226 ARGUELLO BLVD. All work for painting exterior of dwlg.
Owner — Lottie S. and Abraham L. Friedlander, Premises.
Architect—Not Given.
Contractor—E. Kahler, 230 Irving St., San Francisco.
Filed April 9, '35. Dated Jan. 28, '35.
HOLC Contract.
TOTAL COST, $205
Bond, $205. Surety, United States Fidelity & Guaranty Co. Limit 21 days. Forfeit, none. Specifications only filed.

ALAMEDA COUNTY

DWELLING
(19) 401 HAMPTON RD., Piedmont; one - story and basement frame dwelling and garage.
Owner—Wm. Cavalier, 401 Hampton Road, Piedmont.
Architect—Albert Farr, 68 Post St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Blvd., Oakland.
Filed April 6, '35. Dated Mar. 30, '35.
27th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $5092.75
Limit, 90 days. Plans and Spec. filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Contracts

2— BONDS

BONDS FOR SALE.

REDWOOD CITY, San Mateo Co., Calif.—Until May 20, 10 A. M., bids will be received by County Supervisors for the sale of bonds in amount of $75,000, proceeds to finance reconstruction of eight school buildings in the Sequoia Union High School at Redwood City. Plans are being prepared by H. J. Brunnier, Engineer, Sharon Bldg., San Francisco.

3— CHURCHES

Plans Being Completed.

CHURCH Cost, $30,000
NORTH SACRAMENTO, Sacramento Co., Calif.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about three weeks.

CONTRACT AWARDED

WHITTIER, Los Angeles Co., Cal. —Arthur Blakehoro, 135 N. Greenleaf Ave., Whittier, awarded contract for two-story addition to Plymouth Congregational Church in Whittier. Auditorium to seat 600, 11 classrooms, kitchen, locker rooms and showers. Plans prepared by David S. Bushnell, 576 E. Whittier Blvd., Whittier.

To Be Done By Day's Work.

ADDITION Cost, $1,500
OAKLAND, Alameda Co., Calif. 1711 Seventh Street.
Addition to church.
Owner—Christ Holy Sanctified Church. 1711 7th St., Oakland.
Architect—Not Given.

4— FACTORIES & WAREHOUSES

Steel Contract Awarded.

FORGE Cost, $——
BERKELEY, Alameda Co., Cal. Ashby Avenue.
One-story mill type steel forge building (150x150 ft.) corrugated iron roofing, etc.
Owner—American Forge Co., 25 Tehama St., San Francisco.
Engineer—K. Theill, 580 Market St., San Francisco.
Steel—Moore Dry Dock Co., foot Adeline St., Oakland.
Concrete bids will be asked shortly.

Contract Awarded.

ALTERATIONS Cost, $3000
SAN FRANCISCO. N Jackson St. 65 W Davis Street.
Alterations to building.
Owner—C. A. Maggini.
Architect—Not Given.
Contractor—It. Follotti, 200 Cervantes Blvd., San Francisco.

To Be Done By Day's Work.

ALTERATIONS Cost, $2,000
SAN FRANCISCO. SW Fourth and Harrison Streets.
Alterations to industrial building.
Owner—Lehman Printing and Lithograph Company.
Engineer—Alfred P. Fisher, 111 Sutter Street.

Contract Awarded.

WAREHOUSE Cost, $——
PORTLAND, Oregon. SE Third Ave bet Pine and Ash Sts.
Two-story warehouse (130x112 ft.)
Owner—Safeway Stores, Inc.
Architect — F. Marion Stalkes. Terminal Sales Bldg., Portland.
Contractor—Drake Wyman & Voss, U. S. Bank Bldg., Portland.

Plans Being Completed.

WAREHOUSE .... Cost, $100,000
SALEM, Oregon. Front and Perry Streets.
Five-story hop warehouse (120x82 ft.) reinforced concrete structure; railroad spur, etc.
Owner—D. J. Fry, Salem.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Lessee—Southern Pacific Co. (H. W. Klein), Portland.

Contract Awarded.

PULP MILL Cost, $4,000,000
EVERETT, Washington.
Pulp mill (1500-ft. long, 150-ft. wide).
Owner — Weyerhaeuser Timber Co., Everett, Wash. (F. R. Titcomb, Tacoma Bldg., Tacoma.
Engineer—O. C. Shoenwerk, % Owner.
Contractor—Alloway & Georg, Hutton Bldg., Spokane.
Preliminary work of preparing the site is underway by the American Pile Driving Company.

Planned.

STORAGE DEPOT Cost, $5,000
VALLEJO, Solano Co., Calif. Napa Highway.
Construct gasoline storage depot (storage tanks, etc.)
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Electrical Contract Awarded.

REPAIR SHOP Cost, $5000
SAN FRANCISCO. E Harrison St. 182 S Twentieth Street.
Repair fire damage to tire shop.
Owner—Al. Jarkieh, 2417 Harrison St. San Francisco.
Architect—Not Given.
Contractor — H E. Rahlmann, 251 Kearny St., San Francisco.
Electrical Work — Radelfinger Bros., 544 Natoma St., San Francisco.

Additional Sub-Contracts Awarded.

ADDITION Cost, $240,000
OAKLAND, Alameda Co., Cal. 57th Avenue and Russett Street.
Addition to plant.
Owner—Continental Co. Company, 155 Montgomery St., San Francisco.
Plans by Contractors.
Contractor — Austin Co., 1924 Broadway, Oakland.
Painting — M. Williams Sons, 2059 Webster St., Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.
Other awards reported Jan 22
Bids are now being received on ornamental tile.

To Be Done By Day's Work.

WAREHOUSE Cost, $——
SAN FRANCISCO. Tenth Street.
One-story wood frame warehouse.
Owner—Allied Box Co., 521 Tenth St., San Francisco.
Architect — Norman Coulter, 46 Kearny St., San Francisco.

PREPARING PLANS

LOS ANGELES, Cal.—Architect Albert C. Martin, 233 Higgins Bldg., is completing working drawings for a large walnut storage warehouse to be erected on a 15-acre tract on south side of Fruitland Ave. between Pacific Blvd. and Soto St., for the California Walnut Growers' Assn. G. B. Ridley, association engineer, is in charge of details for the owner. The building will be a one-story, U-shaped structure, 700 feet long and 420 feet wide, with a floor area of 280,000 sq. ft. Steel columns and trusses.

Plans Completed.

FACTORY Cost, $8000
SAN FRANCISCO. W Newhall St. 115 N Carroll St.
Foundations for Class A special factory.
Owner—Pacific Can Co., Premises.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.

Bids Opened.

WAREHOUSE Cost, $30,000
SACRAMENTO, Sacramento Co., Cal. Sixth and Q Streets.
One - story brick and concrete warehouse (160x160 ft.) concrete floors, composition roofing, etc.
Owner — Dallman Supply Co., Sacramento.
Architect—Charles F. Dean California State Life Bldg., Sacramento.
Low Bidder—Petersen & Steinbrenner 1116 O St., Sacramento.
Complete bids follow:

Petersen & Steinbrenner	$22,782
Joe Saunders	24,266
H. W. Robertson	24,435
John Azevedo	25,006
J. Lords	25,950
Wm. Keating	25,960
Chas. Unger	26,500
*Campbell Const. Co.	27,890
Fred. Betz	27,186
C. J. Hopkinson	27,176

*Electrical bid included in figure. All other contractors submitted identical bids at $1,289 for electrical work.

5— FLATS

Segregated Bids Being Taken.

ALTERATIONS Cost, $3,500
SAN FRANCISCO. 2937 Washington Street.
Alterations to two-story frame residence for flats (one 5-room and one 6-room flat) work involves plumbing, painting, composition roofing heating, brick work, ornamental iron, electric wiring, sheet metal.
Owner—Ralph and Bertha Cole (Oway 6377).
Architect—Not Given.
Mgr. of Const.—Cyril Doane, 1336 Guerrero Street.
Bids are wanted on the following items: plumbing, painting, composition roofing, cement work, plastering, brick work, ornamental iron, electric wiring, hardwood floors, mill work, lumber, sheet metal, fire box, hardware, gas floor furnaces, etc.
Manager of Construction may be contacted between 6 and 8 P. M. at Mission 5260.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. W Brannan Street to N Third Street.
One-story steel and glass greasing and tire station.
Owner—Associated Oil Co., 79 New Montgomery Street.
Plans by Engineering Dept. of Owner.
Contractor—Grant - Martinelli Const. Co., 666 Mission St. *

Plans Completed.
GARAGE Cost, $3,000
SAN FRANCISCO. SW 15th St. and Albion.
One-story Class C public garage.
Owner—Rentschler Bros., 1767 15th St.
Engineer—Ellison and Russell, Pacific Building.

Sub-Contract Awarded.
CAR STORAGE BLDG. Cost, $5,000
OAKLAND, Alameda Co., Calif. 5603 San Leandro Street.
One - story tile car storage building (concrete floors, wood doors, etc.)
Owner—Centinental Can Co., 155 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., 1924 Broadway Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.
Tile—Dickey Clay Co., 116 New Montgomery St., San Francisco.
Corrugated Steel—Baker, Hamilton & Pacific Co., 700 7th St., San Francisco.
Painting—M. Willams Sons, 2059 Webster St., Oakland.
Brick—Port Costa Brick Co., 6th and Berry Sts., San Francisco. *

Contract Awarded.
SERVICE STATION Cost, $2 [illegible]
SAN JOSE, Santa Clara Co., Cal. 305 E Taylor St.
Gasoline service station.
Owner—L. H. Bill, Monterey Rd., San Jose.
Architect—Not Given.
Contractor—W. Bryan Miller, 589 Hadden Road, Oakland.

Plans Completed.
SERVICE STATION Cost, $7000
SAN FRANCISCO. NE Fell Street and Masonic Avenue.
Class A steel service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $35,212
HOLLISTER, San Benito Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Metal Joist Forms and Reinf. Steel—Concrete Engr. Co., 1280 Indiana St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Vault Doors—Hermann Safe Co. Howard and Main Sts., San Francisco.
Metal Plumbing Enclosures—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Millwork—Anderson Brothers Planing Mill, Quint and Custer Sts., San Francisco.
Painting—J. F. Ecker, 17 W. Poplar St., Stockton.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco. *
Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.
Electric and Electric Fixtures—Spencer Electric Co., 2059 Webster St., Oakland.

Contract Awarded.
POST OFFICE Cont. Price, $33,460
HUNTINGTON BEACH, Orange Co.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—L. F. Dow Co., 414 Rowan Bldg., Los Angeles.

Plans Being Prepared.
POST OFFICE Cost, $38,000
LODI, San Joaquin Co., Cal.
One-story and basement reinforced concrete Post Office building (60x 100 feet); plaster exterior, steel trusses, tile roof, steam heating system, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Preliminary plans had been prepared by Architect S. Heiman, 605 Market St., San Francisco.

COMPLETE BIDS
OREGON CITY, Oregon — Neuman Bros., McMinnville, Ore., at $497 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., at the U. S. Post Office, Oregon City, Oregon. Complete bids follow:
Neuman Bros., McMinnville, Oregon, $497.
Patterson Bros., Oakland $889.
Apex Painting & Decorating Co., Seattle, Wash., $897.
Adolph F. Johnson, Portland, Oregon, $1000.
West Coast Painters Co., Inc., Seattle Wash., $1188.

BIDS WANTED
ELKO, Nev.—Until May 2, 10 A. M., bids will be received by the Treasury Department, Procurement Division, at Washington, D. C., for painting the plaster, Inc., at the U. S. Post Office at Elko.
Specifications may be obtained from above office and from the Custodian of the building at Elko.

BIDS WANTED
VISALIA, Tulare Co., Calif.—Until May 2, 10 A. M., bids will be received by Treasury Department, Procurement Division, Washington, D. C., for the pointing of the plaster, etc., at the U. S. post office at Visalia.
Specifications may be obtained from above office and from the Custodian of the building at Visalia.

BIDS WANTED.
ASTORIA, Ore.—Until May 2, 10 A. M., bids will be received by Treasury Dept., Procurement Division, Washington, D. C., for painting the plaster, etc., at the U. S. post office, Astoria.
Specifications may be obtained from above office and from the Custodian of the building at Astoria.

BIDS OPENED
TOOELE, Utah — Patterson Bros., 2059 Webster St., Oakland, at $480 submitted low bid to Treasury Dept., Washington, D. C., for painting plaster, etc., at the U. S. Post Office, Tooele, Utah. Complete bids follow:
Patterson Brothers, Oakland, $480.
Commercial Painting Service, Chicago, Ill., $570.
Arthur M. Golden Co., Chicago, Ill., $584.
Mid West Painting Service Co., Chicago, Ill., $650.
Bloomquist Decorating Co., Salt Lake City, Utah, $678.
A. W. Lee Paint Co., Tooele, Utah, $750. *

Plans Being Completed.
POST OFFICE Cost, $90,000
ANAHEIM, Orange Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Superving Architect of the Treasury Dept., Washington, D. C.
Bids will be asked about May 1.

BIDS OPENED.
TILLAMOOK, Ore.—J. W. and J. R. Hilstrom, Marshfield, Oregon, at $29,500 submitted low bid to Coast Guard Department, Government Island, for construction of boat house and launchway at Tillamook
Complete bids follow:
(1) deduct for omission of trestle.
J. W. & J. R. Hilstrom, Marshfield, Oregon. ..... $29,[illegible]
.....(1) [illegible]
Gilpin Const. Co., Portland..... 34,9[illegible]
.....(1) 1,0[illegible]
Dolan Const. Co., Tillamook 41,987
.....(1) 3,500
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO—Eureka Iron & Wire Works, 374 11th St., at $240 submitted low bid to the Custodian, U. S. Post Office, San Francisco, for lift cab and guards at the Post Office, Seventh and Mission Streets. Complete bids follow:
Eureka Iron & Wire Works.....$240
N. Hemminga 241
Michel & Pfeffer Iron Works..... 288
Bids held under advisement. *

BIDS OPENED
INGLEWOOD, Los Angeles Co., Cal. —Lombard & Ludwig, Inc. Washington, D. C., at $68 submittel low bid to Treasury Department, Washington, D. C., for plaster models of the the U. S. Post Office for Inglewood.
Complete bids follow:
Lombard & Ludwig, Inc., Washington, D. C., $68.
Washington Ornamental Co., Washington, D. C., $94.
Studio of Architectural Sculpture, Washington, D. C., $133.

April 10, 1935

BIDS OPENED
SAN MATEO, Cal.—Lombard & Ludwig, Inc., Washington, D. C., at $28 submitted low bid to Treasury Department, Washington, D. C., for plaster models of the post office building for San Mateo. Complete bids follow:
Lombard & Ludwig, Inc., Washington, D. C., $28.
Washington Ornamental Co., Washington, D. C., $36.
Studio of Architecture Sculpture, Washington, D. C., $50.

BIDS WANTED.
SAN FRANCISCO.—Until April 18, 10 A. M., bids will be received by the Constructing Quartermaster, Ft. Mason, for alterations and additions to the lodge building at the San Francisco National Cemetery, Presidio. of San Francisco. Plans and specifications may be obtained at the above office upon deposit of $5.00.

LOW BIDDERS.
SAN JOSE, Santa Clara Co., Calif.—Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $1,930 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. post office, San Jose.
Three low bids follow:
Patterson Bros., Berkeley..... $1,930
Newman Bros., McMinnville, Ore. 1,950
Cramer Bros., San Francisco ... 2,160
Complete bids will be given shortly.

PLANNED.
LOS ANGELES, Cal.—Final decision as to whether or not Congress will make an appropriation for the proposed Federal office building to be

erected in Los Angeles will probably be made within the next few weeks, when the House appropriations committee reports a bill for a new Federal building program throughout the country. At this time it appears probable that provision will be made to construct the building, as it is regarded as a necessary project. Plans drawn for the structure in 1933, by Architects John C. Austin and Frederic M Ashley and Architects John and Donald B. Parkinson contemplated a building to be built at an estimated cost of $5,265,000.

8— CLUB BUILDING

Planned.

CLUB Cost, $4,000
CARMEL, Monterey Co., Calif. Ninth and Dolores Streets.
New club building.
Owner—Carmel Womens' Club (Mrs. Harry S. Nye, president) Carmel.
Architect—Not Given.
Construction will go forward when the city council decides on the rezoning of the site.

9— HOSPITALS

Planned.

HOSPITAL Cost, $——
SANTA ROSA, Sonoma Co., Cal.
New County Hospital Building (type of construction not determined).
Owner—County of Sonoma.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Dr. S. S. Bogle, County Physician, is in charge of the present institution. Committees will be appointed to discuss ways and means of raising funds to finance construction of proposed building.

Plans Being Completed.

ADDITION Cost, $14,000
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant, tile and linoleum floors, etc. (90x39 feet).
Owner—Dr. C. W. Weaver, Memorial Hospital (Brigadier W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Bids will be asked in abount two weeks.

Contract Awarded.

HOSPITAL Cont. Price, $83,871
MADERA, Madera Co., Calif.
One-story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) concrete walls and floors, tile roof, tile partitions, etc.
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Construction will start today.

April 10, 1935

FUNDS AVAILABLE

SAWTELLE, Los Angeles Co., Cal. —Veterans' Administration Frank T. Hines, April 6, announced that funds are available and plans are being prepared in Washington for a $350,000 addition to the hospital at the Veterans' Administration Facility, Sawtelle. Program provides for the addition of 480 beds for neuropsychiatric patients and 200 beds for general patients.

10— HOTELS

Sub-Contracts Awarded.

ALTERATIONS Cost, $15,000
SAN FRANCISCO, 847 Clay Street
Alterations to rooming house.
Owner—Mercantile Mortgage Co., 110 Broadway, Oakland.
Plans by James R. Lee, 874 Washington St., San Francisco.
Contractor—Logan Kay, premises.
Plumbing—R. E. Giller, 367 5th
Electric Wiring—Frank H. Yick & Co 615 Kearny Street.
Sheet Metal—John J. Deluchi, 1526 Powell Street.
Lumber—Acme Lumber Co., 16th Channel Streets.
Hardware—Gin Wall Co., 919 Grant Avenue.

Additional Sub-Contracts Awarded.

ALTER HOTEL Cost, $——
SAN FRANCISCO, NW Post and Stockton Sts.
Alterations to ground floor of Plaza Hotel (work involves structural steel; new bar room, new fixtures, marble, tile work, etc.)
Owner—Pacific States Savings & Loan Association.
Architect — G. Albert Lansburgh, 140 Montgomery Street.
Structural Engineer—W. Adrian, 417 Market Street.
Brick—Wm. A. Rainey, 323 Clementina St.
Contractor—Jacks & Irvine, 620 Market Street.
Steel Sash—Soule Steel Co., 1750 Army Street.
Glass—Crowe Glass Co., 675 Golden Gate Avenue.
Ornamental Iron—Industrial Ornamental Iron, Bronze & Wire Works, 552 Noe St.
As previously reported, structural steel awarded to Western Iron Works, 141 Beale St.; cast plaster to P. O. Tognelli, 475 Francisco St.; mill and cabinet work to Wm. Bateman, 1915 Bryant Street.

Contract Awarded.

BAR Cost, $1000
VALLEJO, Solano Co., Cal.
New bar in Casa de Vallejo Hotel. (new fixtures, ladies cocktail bar, dance floor, 30x12 feet).
Owner—Casa de Vallejo.
Architect—Not Given.
Contractor—Hirsh & Hicks, Vallejo.

PREPARING PLANS

DEATH VALLEY, Inyo Co., Calif.—Architect Albert C. Martin, 233 Higgins Bldg., Los Angeles, has been authorized to proceed with the preparation of working drawings for various improvements at Furnace Creek Inn and an auto camp in Death Valley for the Death Valley Hotel Company. Work will include alterations and a large addition, of concrete and masonry construction, to the main hotel, increasing the capacity of the structure 50% New quarters for employees will also be built. Further details will be published later. Cost, $100,000.

11—ICE & COLD STORAGE PLANTS

Being Done By Day's Work.

COLD STORAGE PLANT Cost, $40,000
WATSONVILLE, Santa Cruz Co., Cal. Tuttle Lane on Riverside Road.
Cold storage plant and packing shed (concrete and corrugated iron construction) cold storage plant to have capacity of 85,000 boxes.
Owner—Nick Borina, 103 Brennan St., Watsonville.
Architect—Not Given.

12— POWER PLANTS

Bids Opened.

ADD POWER PLANT Cost, $142,000
PULLMAN, Washington University of Washington Campus.
Addition to power plant (steam-turbo alterations, condensers, auxiliaries, switch board and switch gear, steam piping, spray cooling pond, flushing water pipe line and additions to hydraulic laboratory) reinforced concrete foundations, brick walls, 35x50 feet; 2 1250 kw. turbo-generators, concrete and cast iron pipe & other equipment.
Owner—University of Washington.
Engineer — George H. Krueger, 403 Douglas Bldg., Seattle.
Complete bids follow.

Machinery

Steam-Turbo-Alternators, condensers and auxiliaries, switch board and switch gear.
Alt. 1—AC operated breakers; Alt. 2, generators, air coolers and ducts, Alt. 3, condensers under turbine No. 2; Alt. 4, motor starters for condenser No. 2.
Allis Chalmers Mfg. Co., Smith Tower, Seattle. Basic bid, $115,910. Alt. 1, $997; Alt. 2, $3700; Alt. 3, $5451 Alt. 4, $55.
Westinghouse Electric & Mfg. Co., Lloyd Bldg., Seattle. Basic bid, $116,105; Alt. 1, $997; Alt. 2, $3700; Alt. 3, $5451; Alt. 4, $63.
Bid of Ingersoll Rand returned as irregular.

Piping

Steam water piping and air piping in power house and spray pond piping with condenser, circulation water piping included. Alt. 1, stl. piping to spray pond; Alt. 2, pipe line for flushing system; Alt. 3, piping on air coolers; Alt. 4, pipe covering; Alt. 5, piping for condenser No. 2.
University Plumbing & Heating Co., 3939 University Way, Seattle. Basic bid, $12,047. Alt 1, $603; Alt. 2, $12,862; Alt. 3, $189; Alt. 4, $1000; Alt. 5, $414.
Wenzler & Ward, Textile Tower, Seattle, $12,254, $550, $14,096, $316, $1000, $278.
W. E. Beggs, Lloyd Bldg., Seattle, $12,698, $420, $14,874, $281, $985 $315.
Hellenthal Plumbing & Heating Co., 1209 Second St., Seattle, $13,270, $787, $15,500, $440, $950 $320.
Ashwell-Twist Co. 967 Thomas St., Seattle, $12,513, $586, $16,388, $456, $1200, $395.
Rautman Plumbing & Heating Co., 115 Jackson St., Seattle, $12,641, $583, $16,547, $344, $900, $297.

General Construction

1st figure basic for building proper Alt. 1, add for relining ash flume; Alt. 2, add for hydraulics lab extension; Alt. 3, add for concrete and sheet metal duct; Alt. 4, add for tile wainscot; Alt. 5 add for quarry tile fir.
Wm. Petersen, 2940 Eastlake, Seattle, basic, $21,689; Alt. 1, $950; Alt. 2, $3122; Alt. 3, $362; Alt. 4, $590; Alt. 5, $600.
Other bidders were:
John Arrington, 2415 Federal St., Seattle, $23,064, $950, $3592, $387, $616, $612.
Howard S. Wright, 2210 2nd St., Seattle, $23,600, $1250, $4500, $3200, $322, $1135, $808.
Neil McDonald, Lloyd Bldg., Seattle $23,600, $1850, $4300, $375, $700, $675.
Brady Constr. Co., 1166 Mercer St., Seattle, $24,516, $1575, $4434, $500, $767, $760.
Peder P. Gjarde, Joshua Green Bldg., Seattle, $24,996, $996, $3895, $367, $594, $470.
Geo. Schuehle, 9316 7th S. Seattle $25,357, $905, $3723, $386, $935 $436.

Murdock & Eckman Republic Bldg., Seattle, $27,779, $956, $4147, $480, $731, $568.

General Constr. Co. 3840 Iowa St., Seattle, $28,500, $1440, $3700, $300, $750 $550.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PROJECT APPROVED

SAN FRANCISCO—SERA has approved a supplemental appropriation of $4888 providing supervisory labor for the Fire Houses, District No. 1 Project. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ 6 carpenter foremen one paint foreman, one plumbing foreman, one heating foreman and and electric foreman.

Bids Wanted—To Close April 30th, 8 P. M.

ALTER CITY HALL Cost, $4,000
SAUSALITO, Marin Co., Calif.
Alterations to second story of the City Hall (work involves new partitions, plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.

Preliminary Plans Approved—Preparing Working Drawings.

ALTERATIONS Cost, $22 000
NEVADA CITY, Nevada Co., Cal.
Alterations and addition to courthouse (West addition, fire unit) work involves addition to county clerk's office and board of supervisors' office.
Owner—County of Nevada.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Plans will be completed and sent to the Board of Supervisors for approval on May 6.

PLANNED.

LOS ANGELES, Calif.—Los Angeles city planning commission proposes asking the Public Works Administration for funds with which to finance the construction of a convention hall in Los Angeles. The building would accommodate 30,000 persons and would cost approximately $6,000,000.

SITE SELECTED

EUREKA, Cal.—Board of Education has agreed to sell a block bounded by E. F, Eleventh and Twelfth Sts. to the city as a site for the proposed civic auditorium. Walter Coggeshall is chairman of an advisory committee which is to recommend preliminary plans for the building at an early date. The project will be financed by a bond issue.

Commissioned To Prepare Plans

FIRE HOUSE Cost, $——
SAN JOSE, Santa Clara Co., Calif. (Site to be Selected).
One-story frame and stucco fire house
Owner—City of San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Further details will be announced when site has been selected.

Preparing Working Drawings.

ADDITION Cost, $100,000
SONORA, Tuolumne Co., Calif.
Addition to county courthouse for jail (brick construction) to accommodate 60; jail equipment, etc.
Owner—County of Tuolumne.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Application has been filed with the PWA for funds to finance the project. Plans will be completed by May 1.

14— RESIDENCES

Contract Awarded.

ALTERATIONS Cost, $2,000
PIEDMONT, Alameda Co., Cal. 128 Wildwood Gardens.
Alterations to frame residence.
Owner—J. S. Fairchild, 128 Wildwood Gardens, Piedmont.
Architect—Claud B. Barton, 522 Grand Ave., Oakland.
Contractor—Harold L. Paige, 5651 Oak Grove, Oakland.

Contract Awarded.

RESIDENCE Cost, $4 27[illegible]
SOUTH SAN FRANCISCO, San [illegible]teo Co., Calif. Parkway Terrace.
One - story and bahement frame and stucco residence (5 rooms).
Owner—Giovanni, Gai, So. San Francisco.
Architect—Not Given.
Contractor—A. Pianca, 109 Pine Terrace, South San Francisco

To Be Done By Day's Work.

RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. 340 Jerome Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Paul H. Haller, 32 Evirel Place, Oakland.
Architect—Not Given.

Plans Being Completed.

RESIDENCE Cost, $20,000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two - story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—F. C. Busche.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Bids will be asked shortly.

Preparing Working Drawings.

RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Bids will be asked in about 2 weeks.

Plans Being Figured

RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Calif.
One-story wood frame summer home (5 rooms and 2 baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.

Completing Plans

RESIDENCE Cost, $10 000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence.
Owner—Matthew Wahrhaftig.
Architects—H. A. Schary, 605 Market St., and W. I. Garren, 233 Post St., San Francisco;
Bids will be asked in about 2 weeks.

Contract Awarded.

RESIDENCES Cont. Price, $118,850
LONGVIEW, Washington.
Construct sixty frame houses, concrete foundations, shingle roofs, etc., for Longview Subsistence Homestead Tract.
Owner—United States Government.
Architect—Not Given.
Contractor—Hoffman Constr. Co., 715 SW Columbia St., Portland.

Contract Awarded.

RESIDENCE Cost, $7500
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (shingle roof, gas heating system, hardwood floors, etc.)
Owner—C. R. Nelson.
Architect—W. F. C. Gillam, 1470 Broadway, Burlingame.
Owner—John W. Rutherdale, 1250 San Carlos Ave., San Carlos.

To Be Done By Day's Work.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 3474 Clay St.
Alterations to frame residence.
Owner—Ethel D. Owen, M. D., Prem.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.

Contract Awarded.

RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Rock Ridge District.
Two-story frame, stucco and brick veneer residence (5 rooms); shake roof, gas hot air heating system, hardwood floors, ornamental iron, etc.
Owner—Howard Ballanger.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Preparing Plans—Contract Awarded.

RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and brick veneer residence (12 rooms, 4 baths) terra cotta shingle roofing, gas fired steam heating system, canvas walls, hardwood floors steel wood sash, tile baths, etc.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor—W. E. Lyons, 854 Hobart St., Oakland.

Contract Awarded.

RESIDENCE Cost, $8000
SALINAS, Monterey Co., Calif.
Two - story and basement frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—F. C. Carlsen, 336 Lincoln Ave., Salinas.

Preparing Working Drawings.

RESIDENCE Cost, $5,500
SALINAS, Monterey Co., Calif. Maple Park.
One - story and basement frame and stucco residence (5 rooms), shake roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Mr. Foust.
Architect—Chas. Butner, 51 Maple St., Salinas.
Bids will be asked April 15.

Contract Awarded.

RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 665 45th Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—C. Calegeri, premises.
Architect—Not Given.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Plans Being Completed.

RESIDENCE Cost, $16,000
SACRAMENTO, Sacramento Co., Cal.
Two-story and basement frame and brick veneer residence (8 rooms, 4 baths) shake exterior on second story, shingle roof, oil furnace, hardwood floors, tile baths, etc.
Owner—Dr. Chas. Von Gildern, Medico-Dental Bldg., Sacramento.

Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

Plans Being Completed.
RESIDENCE Cost, $15,000
FRESNO, Fresno Co., Calif.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred Reimers, 233 Post St. San Francisco.
Bids will be asked in about 2 weeks

To Be Done By Day's Work.
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Calif. 11 Scenic Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Luther H. Lincoln, 2201 E 14th St., Oakla .l.
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $6,500
CLARKSBURG, Yolo Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) shake roof, hot air heating system, hardwood floors, etc.
Owner—J. A. Rankin.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.

Contract Awarded.
ALTER RESIDENCE Cost, $2,500
SAN FRANCISCO, Clay Street.
Alterations to residence (stucco front, new plumbing, painting, plastering, etc.)
Owner—Withheld.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.
Mgr. of Const.—Clinton Parker, 135 South Park.

Contract Awarded.
RESIDENCE Cost, $6,500
NEAR SONOMA, Sonoma Co., Calif.
Two-story frame residence.
Owner—Withheld.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Hannah & Wooldridge, 268 Market St., San Francisco.
Lumber—Hess Lumber Co., San Rafael.
Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.

Contract Awarded.
RESIDENCE Cost($——
BERKELEY, Alameda Co., Cal. Thousand Oaks Boulevard.
Two-story and basement frame and stucco residence (7 rooms); English style, shake roof, gas heating system, rustic exterior, hardwood floors, etc.
Owner—L. M. Hanson.
Architect — E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. W. Miller, % Architect

Preparing Plans.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (11 rooms and 4 baths), Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Bids will be asked in three or four weeks.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Cal. No. 2715 Dwight Way.
Two-story frame and stucco residence (7 rooms).
Owner—John A. Reid, 614 Lexington Ave., Stockton.
Architect—Not Given.
Contractor—F. Paul Dobson, 1150 W. Harding St., Stockton.

CONTRACT AWARDED
SAN FERNANDO, Los Angeles Co. Cal.—Harold Hansen, 1185 Flores St., Los Angeles, at $36,340 awarded contract by Division of Subsistence Homesteads Department of Interior, for construction of Government subsistence homestead project at San Fernando.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO, W Cayuga Ave. S San Juan St.
Two one-story and basement frame and stucco residence.
Owner and Builder—Marshall T. Struthers, 4250 Mission St., S. F.
Architect—Not Given:

Segregated Bids Being Taken.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); tile shake roof, oil burner heating system, wood sash, canvas walls, knotty pine trim, hardwood floors, tile baths, etc.
Owner—W. F. Wallace.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contracts Awarded.
RESIDENCE Cont. Price, $5235
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame and stucco residence (5 rooms and 2 baths, separate lavatory); shake roof, oil heating system, hardwood floors, tile baths,etc.
Owner—Peter L. Skov, % Architect.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—Berg & Sletwoll, 24 Stillings Ave., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $5630
SAUSALITO, Marin Co., Cal.
One-story and basement frame and stucco residence.
Owner—Mr. Kruspe.
Architect—Willis Polk Co., 277 Pine St., San Francisco.
Contractor — Hannah & Wooldridge, 268 Market St., San Francisco.
Lumber—Hess Lumber Co., San Rafael.
Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.
Roofing—Service & Supply Co., San Anselmo.
Tile—Ginsberg Tile Co., 540 Turk St., San Francisco.
Plumbing — Sausalito Hardware & Plumbing Co., Sausalito.
Electric — Armstrong Electric Co., 1388 Van Ness Ave., South, San Francisco.

Contract Awarded.
RESIDENCE Cost, $750(
SAN MATEO, San Mateo Co., Cal. No. 371 Fairfax Avenue.
Two-story frame and stucco residence
Owner—J. Welch, 337 Grand Blvd., San Mateo.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif Avilla Avenue
One-story and basement frame and stucco residence.
Owner and Builder—Leadley & Wiseman, 207 Second Ave., San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif
Two-story and basement frame and stucco residence (8 rooms).
Owner—Mr. Pye.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—H. S. Meinberger, 434 4th St., San Francisco.
Grading — Arias Knapp Co., 961 41st St., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Plumbing—Carl T. Doell, 467 21st St., Oakland.
Lumber — Loop Lumber Co., Central Basin, San Francisco.
Plastering and brick bids will be taken shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Howard Avenue.
One - story and basement frame and stucco residence.
Owner & Builders—Burlingame Realty & Building Co., 1090 Burlingame Square, Burlingame.
Architect—Not Given.

Being Done By Day's Work.
ALTERATIONS Cost, $——
SAN FRANCISCO, N Waller St. 115 E Webster.
Alterations to frame residence.
Owner—E. V. Hartwell, 3814 Army St.
Architect—John Ahnden, 822 39th Ave.
Mgr. of Const.—E. A. Anderson, 1177 De Haro Street.

Foundation Contract Awarded.
RESIDENCE Cost, $3500
BERKELEY, Alameda Co., Cal. Arden Road and Orchard Lane.
One-story frame and stucco residence (5 rooms).
Owner—Alfred Parker.
Architect—Walter T. Steilberg, 1 Orchard Lane, Berkeley.
Foundations—C. O. Bradhoff, 911 55th St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $6500
SAN FRANCISCO, E Church St. 78 S Twenty-second St.
One-story and basement frame and stucco residence.
Owner—F. C. and Irene L. Edmond 343 Fourth Street.
Architect—F. F. Amandes, 1879 18[illegible] Avenue.
Contractor—H. S. Meinberger, 343 4th Street.
Electric—Atlas Electric Co., 343 4th Street.
Plumbing—Scott Co., 243 Minna St.
Lumber — Loop Lumber Co., Central Basin.
Concrete — Bay Concrete Co., 366 Ocean Avenue.
Sheet Metal—Holly Heating Co., 141 Steiner St.

To Be Done By Day's Work.
RESIDENCES Cost, $4,200 each
SAN FRANCISCO, S Cayuga E Geneva Avenue.
Three one-story and basement frame and stucco residences (five rooms each) composition, shingle and tile roofs, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner & Bunider—Stoneson Brothers 1630 Ocean Avenue.
Architect—Charles Strothoff, 2274 15th Street.

Contract Awarded.
RESIDENCE Cost, $5,000
PIEDMONT, Alameda Co., Calif. 401 Hamyston Road.
One - story frame and stucco residence for servants' quarters (terra cotta tile roof, gas hot air heating system, hardwood floors, etc.)
Owner—Wm. C. Cavalier, 417 14th St., Oakland.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $9,000
PIEDMONT, Alameda Co., Calif. 1 Prospect Road.
Two - story and basement frame and stucco residence.
Plans by W. H. Hyde, 954 12th Street, Oakland.
Contractor—Nels E. Carlson, 2839 Morgan St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. Pacific Ave. near Steiner Street.
Alterations to two-story flats for residence (wood frame and wood frame finish; 7 rooms and 2 baths)
Owner—L. Greenfield.
Architect—Warren Perry, 260 California Street.
Contractor—J. B. Bourdieu, 2526 20th Street.

Contract Awarded.
RESIDENCE Cost
SAN FRANCISCO. W Dunsmuir 130 N Silver Ave.
One - story and basement frame and stucco residence.
Owner—Hyman Bros., 742 Market St.
Architect—R. R. Irvine.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Plans Being Figured.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co, Cal. Oakmore Highlands.
Two-story frame and stucco residence (8 rooms and 2 baths).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Plans are being figured by one contractor and no other bids will be received.

Contract Awarded.
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. 3708 McKinley Blvd.
One - story and basement frame and stucco residence.
Owner—R. A. Gunther, 517 38th St., Sacramento.
Contractor—C. C. Ruby, 4800 T Street, Sacramento.

Bids Opened.
RESIDENCE Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
One and one - half - story frame residence (7 rooms).
Owner—F. S. Thomas, 618 Main St. Watsonville.
Architect—Allen C. Collins, 237 East Cliff Drive, Santa Cruz.
Low Bidder—H. E. Carlson, San Juan Road, Watsonville.
Complete bids follow:
H. E. Carlson, Watsonville $7,517
Siend & Resh, Watsonville 7
Knight and Bernardo, Watsonville 7,795.8
Timothy and Hunter, Watsonville 7 825 00
T. H. Rosewall, Watsonville 7
Bender & Hicks, Watsonville 9
Bids held under advisement.

Lumber Contract Awarded.
RESIDENCE Cost, $14,000
BAYWOOD, San Mateo Co., Cal.
Two-story and basement Spanish-style residence (9 rooms; 3 baths); tile roof, gas furnace, steel sash, oak-plank floors, ornamental iron, colored tile bathrooms.
Owner—Howard L. Stillwell, San Mateo.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Lumber — Wisnom Lumber Co., San Mateo.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. 5854 Ocean View Drive.
One - story and basement frame and stucco residence (5 rooms).
Owner—O. H. Murray, 4247 Piedmont Ave., Berkeley.
Architect—W. Huson, 2808 Pierce St., San Francisco.
Contractor—Ralph Norris, 4247 Piedmont Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W 43rd Ave. 21 N Balboa Street.
One - story and basement frame and stucco residence.
Owner and Builder — Land Development Co., 364 Bush Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
BURLINGAME, San Mateo Co., Calif. Concord Ave., Burlingame Gables.
One - story and basement frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito Ave., Burlingame.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $27,130
BERKELEY, Alameda Co., Cal. Tunnel Road.
Two - story and basement frame and brick veneer residence (12 rooms, 5 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Stanley V. W. Hiller, 2847 Russell St., Berkeley.
Architect—J. K. Ballantine, 251 Kearny St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Blvd., Oakland.
Heating—Aladdin Heating Co., 5107 Broadway, Oakland.
Plumbing—D. W. Durant, 1012 Webster St., Oakland.
Plastering—H. A. Thorndike, 2450 E. 21st St., Oakland.
Brick Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
Electric—P. H. Wetzel, 3461 Davis St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
PIEDMONT, Alameda Co., Calif. 1072 Park Lane.
Two-story frame and stucco residence (7 rooms).
Owner—David Kesti, 2217 Browning St. Berkeley.
Plans by Paul Anderson, 1652 15th Avenue, Oakland.

Contract Awarded.
RESIDENCE Cost, $——
KENTFIELD, Marin Co., Calif. Alta Mira Tract.
Two-story frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner — Carl F. Gromme, Masonic Building, San Rafael.
Plans by Owner.
Contractor — Leibert & Trobock, 409 Albert Bldg., San Rafael.
Sub-bids are in and will be awarded shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $4,500
SAN FRANCISCO. S Beach St. 205 E Webster.
One - story and basement frame and stucco residence.
Owner and Builder—Bernhardt & Cowen, 924 Taraval Street.
Architect—C. O. Clausen, 746 46th Ave.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Alemany Blvd. 62 S Tingley.
One - story and basement frame and stucco residence.
Owner—S. and Josephine Depaoli, 3289 Mission Street.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Contract Awarded.
RESIDENCE Cost, $5000
WATSONVILLE, Santa Cruz Co., Cal. Monte Vista.
Two-story frame residence.
Owner—John L. McCarthy, Lettunich Bldg., Watsonville.
Architect—Not Given.
Contractor—T. H. Rosewall, 422 Th St., Watsonville.

Plans Being Prepared.
RESIDENCE Cost, $9500
BAYWOOD, San Mateo Co., Cal.
One and one-half-story frame and stucco residence (8 rooms and 3 baths); shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked in about two weeks.

Preparing Working Drawings.
RESIDEINCE Cost, $8500
BERKELEY, Alameda Co., Cal. Santa Barbara Road.
Two-story and basement frame and brick veneer residence (7 rooms, 2 baths) shake roof, gas hot air heating system, steel sash, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about one week.

Plans Completed.
RESIDENCE Cost, $4500
SAN FRANCISCO. Twenty-sixth St.
One-story and basement frame and stucco residence (5 rooms).
Owner & Builder—Peter Balzer, 3951 26th St., San Francisco.
Architect—Norman Coulter, 46 Kearny St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $7,500
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame residence (six rooms) Dutch - Colonial type; asbestos shingle roof, gas hot air heating system, wood sash, hardwood floors tile baths, etc.
Owner—Mr. Franklin.
Architect—C. O. Clausen, 746 46th Ave. San Francisco.
Bids will be asked in one week.

Low Bidders Refiguring Plans.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Wisconsin Street near Laurel Street.
One - story and basement frame and stucco residence (6 rooms and 2 baths) tile and composition roof, gas hot air heating plant, hardwood floors, tile baths, etc.
Owner—W. E. Antwiler.
Architect—Geo. O'Brien, Federal Telegraph Bldg., Oakland.
Emil Person, 829 San Luis Rd., Berkeley, and C. W. Falk, 1520 E 38th St., Oakland, low bidders on the pre-

vious opening, are refiguring the plans. Announcement will probably be made April 12.

Plans Being Completed.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, 33rd Avenue and Ortega Street.
Eleven one-story and basement frame and stucco residences (six rooms each) tile slate, shingle roofs, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner and Builder—Henry Doelger, 300 Judah Street.
Architect—C. O. Clausen, 746 16th Ave.

15— SCHOOLS

LOW BIDDER
LOS ANGELES, Cal.—R. Mayson, 9315 Hooper Ave., submitted low bid to Los Angeles Board of Education, at $123,950, for reconstruction rehabilitation and strengthening of the two-story, brick, main and auditorium building and the one-story brick shop building at the John Burrough Junior High School, 600 S. McCadden Place. Arthur R. Hutchason, 1001 Architects' Bldg., architect, and R. McC. Beanfield, structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—Lindgren & Swinerton, 605 W. 10th St., awarded contract by Los Angeles Board of Education, at $247,583, for construction of new buildings "A" and "B" at the Manual Arts High School, located on the west side of Vermont Ave., bet. 40th Place and 42nd Street. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects, and Elliott Lee Ellingwood, H. W. Hellman Bldg., mechanical engineer.

Commissioned To Prepare Plans
AUDITORIUM Cost, $——
BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.
Auditorium at Jefferson School.
Owner—Berkeley School District.
Architet — Eldridge T. Spencer, Spreckels Bldg., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
SCHOOL Cost, $——
BERKELEY, Alameda Co., Cal. Le Roy and Euena Vista Way.
Main building at Hillside School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
AUDITORIUM, ETC. Cost, $——
BERKELEY, Alameda Co., Cal. Claremont, bet. Ashby Ave. and Webster Street.
South wing and auditorium at John Muir School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.
Further details will be announced shortly.

Contracts Awarded.
SCHOOL
SAN FRANCISCO. Patrick Henry School, 18th and Vermont Streets.
Two-story reinforced concrete school unit (eight classrooms); composition roofing, steam heating system, concrete, linoleum and terrazzo floors, etc.
Owner—City of San Francisco (School Department).
Architect — W. D. Peugh, 333 Montgomery St., & Gardner A. Dailey, 210 Post Street.
Structural Engineer—Walter Huber, 1 Montgomery Street.
Mechanical Engineer—Leland & Haley 58 Bush Street.
Contractor—Monson Bros., 375 Sixth St., at $83,757.
Electrical Work—Spencer Elec. Co., 2059 Webster St., Oakland, $2287.
Plumbing—M. Deslano, 3117 Fillmore St., $8317.
Following sub-contracts submitted with Monson Bros. bid.
Sash Hardware—Dalmo Sales Co., 511 Harrison St., $630.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., $1095.
Flues—Guilfoy Cornice Works, 1234 Howard St., $50.
Asphalt Pavement—Pacific Pavements Co., 85 Barstow St., $.035.
Marble — J. E. Hack Co., 1533 San Bruno Ave., $975.
Terra Cotta—Gladding, McBean & Co., 660 Market St., $620.
Lathing and Plastering—M. J. King, 666 Mission St., $4244.
Painting—L. P. Paoli, 3159 Fillmore St., $1979.
Glass—W. P. Fuller & Co., 301 Mission St., $956.56.
Linoleum—West Coast Linoleum & Carpet Stores, 2703 Mission St., $1998.
Shades—West Coast Linoleum & Carpet Stores, 2703 Mission St., $299.
Finish Hardware—Marshall Newell Co. Spear and Mission Sts., $2366.50.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tents Sts., $273.
Blackboards and Cork Carpets—American Seating Co., 521 Mission St., $1447.
Granite—California Cut Stone Co., So. San Francisco, $840.
Terrazzo—Henry Gervais Tile & Terrazzo Co., 1727 Mission St., $2970.
Tile—M. Nelson, 2847 Army St., $6804
Roofing—Malott & Peterson, 20th and Harrison Sts., $699.
Fencing — Standard Fence Co., 440 Bayshore Blvd., $390.
Steelforms—Steelform Contracting Co. 131 Perry St., $1824.
Iron — Peerless Ornamental Iron & Bronze Co., 1528 Folsom St., $4935
Reinforcing Steel—Concrete Engineering Co., 1280 Indiana St., $9126.69.
Mill Work — Acme Mill Co., 6th and Channel Sts., $5350.
Following sub-contracts submitted with bid of M. Deslano:
Pipe Covering — Western Asbestos Magnesia Co., 675 Townsend St., $482.
Oil Burner—Ray Burner Co., 401 Bernal St., $247.
Following sub-bids submitted with bid of Spencer Electric Co.:
Telephones and Equipment — Sierra Equipment Co., 361 9th St., unit prices.
Fire Alarm System—Sierra Equipment Co., 361 9th St., unit prices.
Program Bells—Sierra Equipment Co., 361 9th St., unit prices.
Switchboards and Panel Boards — Drendell-Trumbull Electric Mfg. Co., 260 Van Ness Ave. So., $383.
Telephone Cabinet and Clock Cabinet —Drendell-Trumbull Elec. Mfg. Co., 260 Van Ness Ave. So., $13.

Commissioned To Prepare Plans.
SCHOOL Cost, $——
BERKELEY, Alameda Co., Cal. Tacoma and Colusa Avenues.
School building at Thousand Oaks School.
Architect....Eldridge T. Spencer, Spreckles Bldg., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
SCHOOL UNIT Cost, $——
BERKELEY, Alameda Co., Cal. No 1640 Milvia Street.
New unit at the Whittier School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckles Bldg., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
SCHOOL BLDGS. Cost, $—
BERKELEY, Alameda Co., Cal.
Auditorium, gymnasium and main building at the Willard School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckles Bldg., San Francisco.

Commissioned To Prepare Plans.
SCHOOL UNIT Cost, $——
BERKELEY, Alameda Co., Cal. No. 2235 Russell Street.
Construct new unit at the LeConte School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
SCHOOL UNIT Cost, $——
BERKELEY, Alameda Co., Cal. No. 1775 Rose Street.
Construct new unit at the Garfield School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Further details will be announced shortly.

Commissioned To Prepare Plans.
SCHOOL UNITS Cost, $——
BERKELEY, Alameda Co., Cal Allston Way and Grove Street.
Gymnasium and two new units at the Berkeley High School.
Owner—Berkeley School District.
Architect—John Reid, 405 Montgomery St., San Francisco.
Further details will be announced shortly.

BIDS WANTED.
LOS ANGELES, Cal.—Until April 26 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a six-unit new building to be built at the Corona Avenue school site, 3825 Bell Ave., Bell. Richard J. Neutra, 3448 Silver Lake Blvd., architect. Cost $39,680.

BIDS WANTED.
LOS ANGELES, Cal.—Until May 1, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of a new class A administration building at Polytechnic high school, 400 W. Washington Blvd. Plans and specifications may be obtained at 1425 S. San Pedro St. upon deposit of $25. Albert C. Martin, 228 Higgins Building, architect. Cost, $170,000.

CONTRACT AWARDED
LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, awarded contract at $87,000 by Los Angeles board of education for reconstruction, rehabilitation and strengthening of the new brick (main) building at the Rowan Avenue school, located on the east side of Rowan Avenue, between San Franco St. and Princeton Ave. A. S. Nibecker, Jr., architect, and C. J. Derrick, 501 Architects Bldg., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract at $74,880 by Los Angeles board of education for reconstruction, rehabilitation and strengthening of main building at the Sixth Avenue school, located on the north side of Jefferson

Blvd., between 6th and 7th Avenues. Wilkinson & Crosby, 201 S Avenue 66, architects, and Ryan A. Grut, 1007 S. Grand Ave., structural engineer.

Preliminary Plans Being Prepared.
IMPROVE SCHOOL Cost, $100,000
MONTEREY, Monterey Co., Cal.
Improvements and reconstruction of high school buildings to comply with state earthquake ordinance.
Owner—Monterey Union High School District.
Architect—Robert Stanton, Carmel.
Structural Engineer — Richard Ware, Central Bldg., Pasadena.

BIDS OPENED.
SAN FRANCISCO.—M. E. Vukicevich, 666 Mission St, at $4573 (item 1) and at $1,167 (item 2) submitted low bid to Department of Public Works for alterations at the Lincoln School, Harrison St. between Fourth and Fifth Sts. Work involves tearing down the present auditorium, etc.
Complete bids follow:
(1) work complete;
(2) work complete, omitting the concrete sub-base, asphalt pavement and sumps.

M. E. Vukicevich	(1)	$4,573
	(2)	1,167
Leo Epp	(1)	$5,744
	(2)	1,250
O. Monson	(1)	$5,950
	(2)	5,220
J. Harold Johnson	(1)	$6,156
	(2)	[illegible]
H. L. Petersen	(1)	$7 [illegible]
	(2)	5,179

Bids held under advisement.

Bids Opened.
RETAINING WALL Cost, $5000
SAN FRANCISCO. No. 1435 Utah Street.
Construct retaining wall at Starr King School.
Owner—City and County of San Francisco.
Plans by the Bureau of Architecture, Chas. Sawyer, City Architect, City Hall.
Low Bidder — M. E. Vukicevich, 666 Mission St., San Francisco.
Complete bids follow:

M. E. Vukicevich	$4147
DeLuca & Son	4290
H. L. Petersen	4394
E. J. Treacy	4624
Charles Harney	4849
M. J. Lynch	4874
W. C. Akard	4874
Fay Improvement Co.	4920
Theo. Cohn	5140
A. G. Raisch	5318
Leo Epp	5424
Miller & McGillis	5995

Bids held under advisement.

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until April 24, 4:00 P. M., bids will be received by the Long Beach Board of Education for construction of administration building at Polytechnic High School located on Atlantic Ave., between 15th and 17th Sts. Hugh R. Davies, 430 E. Ocean Ave., Long Beach, architect.

BIDS WANTED
LOS ANGELES, Cal.—Until April 23, 11:00 A. M., bids will be received by the Pasadena Board of Education for altering and strengthening the John Muir Technical High School. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect. Work will include reinforcing exterior walls and roof trusses, gunite and reinforced concrete work, plastering, plumbing, electric wiring, tile work, etc. Cost $75,000.

Bids Rejected.
SCHOOL Cost, $——
DRAIN, Douglas Co., Oregon.
One-story brick veneer Union High School building (three classrooms, library and auditorium).
Owner—Union High School District No. 12.
Architect—Graham B. Smith, Eugene, Oregon.
On bid opening lowest bid was submitted by E. R. Metzger, Roseburg, Oregon, at $35,600.

Preparing Working Drawings.
RECONSTRUCT SCHOOLS $75,000
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings at the Sequoia Union High School work involves structural steel, concrete, wood framing and gunite work).
Owner—Sequoia Union High School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be completed about May 1st and bids will be asked immediately.

Plans Being Completed.
SCHOOL Cost, $300,000
SAN FRANCISCO. Twenty-fifth and Bryant Streets (Sunshine - Buena Vista School).
One-story reinforced concrete school (18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architects — Martin J. Rist, Phelan Bldg.; Charles F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market Street.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Plans will be completed in about thirty days.

LOW BIDDER.
LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., submitted low bid at $74,880, to Los Angeles board of education for reconstruction, rehabilitation and strengthening of the main building at the Sixth Avenue School, located on the north side of Jefferson Blvd. between 6th and 7th Aves. Wilkinson & Crosby, 201 South Ave. 66, architects and Ryan A. Grut, structural engineer, 1007 South Grand Avenue.

BONDS DEFEATED
SAN RAFAEL, Marin Co., Cal.—San Rafael School District defeated bond issue in the amount of $50,000 April 8. Proceeds were to have financed construction of a new grammar school in San Rafael.
Preliminary plans prepared by N. W. Sexton, Architect, de Young Bldg., San Francisco.

Preparing Working Drawings.
SCHOOL Cost, $45,000
CLOVERDALE, Sonoma Co., Cal.
One-story frame and stucco academic building (5 classrooms) and 1-story farme & stucco gymnasium (composition roofing, steam heating system, wood floors, concrete floors in dressing rooms and showers).
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

BIDS WANTED
LOS ANGELES, Cal.—Until April 30 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the one-story, 15-room, Class D brick shop building at the Lafayette junior high school, 1515 E 14th St. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects, and E. L. Ellingwood, H. W. Hellman Bldg., structural engineer.

PREPARING PLANS
TUCSON, Arizona — Architect Roy Place, 11 E. Pennington St., Tucson, is preparing plans for a number of new buildings and improvements to existing building at the University of Arizona, Tucson. Regents of the University have completed final arrangements for the acceptance of an $815,000 Public Works Administration loan to finance the work, and expect to call for construction bids early this summer. Building committee of the university comprises Dr. W. O. Sweek Halbert Miller and Jack B. Martin. New structures to be erected are as follows: Science building and greenhouse, $300,000; auditorium, $130,000; liberal arts building, $85,000; women's gymnasium, $80,000; museum, $65,000; administration building, $40,000; infirmary, $30,000; R. O. T. C. stables, $17,500; miscellaneous buildings, $32,500. Buildings to be remodeled are: Science building, $11,000; auditorium, $6000; gymnasium, $3000.

LOW BIDDER
LOS ANGELES, Cal.—Atlas Construction Co., 39 Congress St., Pasadena, submitted low bid at $87,000 to Los Angeles Board of Education for reconstruction, strengthening and rehabilitation of the new brick (main) building at the Rowan Avenue School, located on the east side of Rowan Avenue, between Lan Franco St. and Princeton Ave. A. S. Nibecker, Jr., architect, and C. J. Derrick, 501 Architects' Bldg., structural engineer.

BIDS WANTED.
EAGLE ROCK, Los Angeles Co., Cal.—Until April 25, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, strengthening and rehabilitation of the main building (less the auditorium section) at the Eagle Rock elementary school, 2057 Fair Park Ave., Eagle Rock. Mott M. Marston, 517 Douglas Bldg., Los Angeles, architect, and Martin Pohl, 1008 W. Adams Blvd., Los Angeles, structural engineer. Cost, $67,000.

LOW BIDDER
LOS ANGELES, Cal.—W. W. Petley and C. Matcham, 205 Mills-Fraser Bldg., Santa Monica, submitted low bid at $161,000 to Los Angeles Board of Education for construction of new buildings "A", "B" and "C" at Miles Avenue school. Ralps C. Flewelling, 614 Architects' Bldg., Los Angeles, architect.

Low Bidder.
SCHOOL Cost, $65,000
NESPELEM, Wash. Colville Indian Agency.
One- and two-story school building (reinforced concrete construction, built-up roof, steel joists) 10 classrooms.
Owner—U. S. Government (Bureau of Indian Affairs).
Plans by Engineering Dept. of Indian Affairs, Washington, D. C.
Associate Architect — G. A. Pherson, Spokane.
Low Bidder—A. W. Bailey, Insurance Bldg., Seattle, Wash., $52,370.
Second low bid was submitted by Oliver S. Aimlie, San Francisco, at $58,800.

Complete bids will be published shortly.

BIDS WANTED.

LOS ANGELES, Cal.—Until April 26, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1125 S. San Pedro St., for a six-unit new building to be built at the Corona Avenue School site, 3825 Bell Avenue, Bell. Richard J. Neutra, 3448 Silver Lake Blvd., Los Angeles, architect. Cost, $39,680.

LOW BIDDERS

LONG BEACH, Los Angeles Co., Cal.—H. Mayson, 9317 Hooper Ave., Los Angeles, submitted low bid to Long Beach Board of Education at $86,347, for construction of the Horace Mann School. Low bidders on other contracts were: American Engineers & Contractors, Ltd., 3063 Oregon St., Los Angeles, on the heating at $2588; O. E. Ross, 1850 Pacific Ave., Long Beach, on the plumbing at $3200; H. L. Douglas, 3635 Gundry Ave., Long Beach, on the electric wiring at $5015. Wateon L. Hawk, 376 Newport Ave., Long Beach, architect.

Plans To Be Prepared.

RECONST. SCHOOLS Cost, $553,100
ALAMEDA, Alameda Co., Calif
Reconstruct grammar and high school buildings in the City of Alameda.
Owner—City of Alameda.
Engineers—L. H. Nishkian, 525 Market St., Harold Hamm.ll, 381 Bush St. and Earl Russell, Pacific Bldg., San Francisco.

The Alameda Board of Education must raise $553,100 for rehabilitation of the school buildings in Alameda to conform with the requirements of the state earthquake law set forth in the Field bill.

The Mastick and Longfellow Schools will be razed and new buildings constructed, estimated to cost $35,000 and $33,000, respectively.

The old high school rehabilitation is estimated to cost $221,700.

The Elementary school reconstruction included the following:

Lincoln School, $80,000; Washington School, $77,000; Haight School, $70,000; Porter School, $67,000.

BIDS OPENED

PITTSBURG, Contra Costa Co., Cal.—Martinez Sheet Metal Works, Martinez, at $205 submitted low bid to the Pittsburg School District for a smoke stack for the junior high school.

Complete bids follow:
(1) riveted; (2) welded.

Martinez Sheet Metal Works	(1)	$205
	(2)	272
Montague Pipe & Steel Co.	(1)	228
Steel Tank & Pipe Co., Berkeley	(1)	345
	(2)	310
Boiler Tank & Pipe Co., Oakland	(1)	270
	(2)	255

Bids held under advisement.

Plans Completed.

GYMNASIUM Cost, $70,000
CHICO, Butte Co., Calif. Campus of Chico High School.
One - story reinforced concrete gymnasium (72x185 feet) steel trusses, maple floors, composition roofing, steam heating to connect to central plant, hung bleachers to wall, acme folding doors, steel sash
Owner—Chico School District.
Architect—Chester Cole, Chico.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Plans will be forwarded to Sacramento for approval immediately.

BIDS WANTED.

BERKELEY, Alameda Co., Calif.—Until April 24, 4 P. M., bids will be received by the Berkeley Board of Education for furnishing materials for electric clocks and signal device equipment for the Thousand Oaks School, located at Tacoma and Colusa Streets, Berkeley. Specifications may be obtained from above office.

Award Recommended.

AUDITORIUM Cost, $24,700
LE GRAND, Merced Co., Calif.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.

Le Grand Union High School District has recommended to the PWA that the contract be awarded to Carl N. Swenson, 355 Stockton Avenue, San Jose, at $28,236.

It was previously reported that the bid of Mr. Swenson was disqualified as it did not comply with PWA requirements.

Complete bids given March 22.

PROJECT APPROVED

HAYWARD, Alameda Co., Cal. — SERA has approved appropriation of $4921 for grading, painting and reconditioning the Hayward Union High School in Hayward. Prof. F. P. Johnson of the Hayward U. H. S. District will supervise the project which will employ one timekeeper and 22 laborers.

PROJECT APPROVED

PLACENTIA, Orange Co., Cal.—SERA has approved appropriation of $43,695 for construction of the first unit of Main Building, Valencia High School, Placentia. T. C. Kistner of the High School District will supervise the project which will employ 30 laborers.

Plans Completed.

Repair School Cost, $——
SANTA BARBARA, Santa Barbara Co., Calif.
Repairs to Jefferson School (reinforced structure with steel frame, etc.)
Owner—Santa Barbara Board of Education.
Engineer — Paul Jeffers, Architects Bldg., Los Angeles.

Plans Being Prepared.

SCHOOL Cost, $——
HALSEY, Oregon.
Combination grade and high school Building (to replace present condemned structure).
Owner—Linn County School District.
Architect—C. N. Freeman, Concord Bldg., Portland, Oregon.

A bond election will be called in the near future.

Sub-Contracts Awarded.

REPAIR SCHOOL Cost, $16,186
CROCKETT, Contra Costa Co., Calif.
Repairs and earthquake - proofing of Carquinez Grammar School (brick walls, timber roof trussea, maple floors, etc.)
Owner—Carquinez School District.
Engineers—H. D. Dewell and A. W. Earl, 55 New Montgomery Street, San Francisco.
Consulting Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Neilsen & Lahti, 2328 Acton St., Berkeley.
Electric—Scott Buttner Co., 23rd and Webster Sts., Oakland.
Steel Sash — Pacific Mfg. Co., Santa Clara.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Sts., San Francisco.
Structural Steel—Fair Mfg Co., 617 Bryant St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Lumber—Crockett Lbr. Co., Crockett
Lathing & Plastering—Joe Giachetto, 1209 Derby St., Berkeley.
Brick and Stone — N. Flaherty, Jr., Berkeley.

Plans Completed.

SHOP Cost, $5,000
HUGHSON, Stanislaus Co., Calif.
One-story frame and stucco shop bldg
Owner—Hughson Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans have been forwarded to Sacramento for approval.

16— BANKS, STORES AND OFFICES

Contr cts Awarded.

ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. NW Ninth and K Streets.
Alterations and additions to store building (123x166 feet); work involves air conditioning, facing exterior with terra cotta, marquee on Ninth and K Streets elevation, lighting fixtures, new show windows, etc.
Owner—Hale Bros., Fifth and Market Streets, San Francisco.
Architect—W. E. Coffman, California State Life Bldg., Sacramento.
General Work—Arthur Fisher, 800 35th St., Sacramento, $12,053.78.
Sheet Metal—Frank Z. Ahl, 2112 P St., Sacramento, $2815.60.
Heating and Plumbing — Luppen & Hawley, 3126 J St., Sacramento, $1017.45.
Electric—Luppen & Hawley, 3126 J St., Sacramento, $2789.50.
Glass and Glazing — W. P. Fuller & Co., 1012 12th St., Sacramento, $2172.
Structural Steel — Palm Iron Works, 15th and S Sts., Sacto., $1407.
Terra Cotta—Fischer Marble & Tile Co., 1219 J St., Sacto., $3248.18.
Insulation—William Todd, $1200.

Painting bids in. Contract to be awarded shortly. Air conditioning contract will be awarded shortly.

Planned.

MILK DEPOT Cost, $8,500
DELANO, Kern Co., Cal. High Street.
Modern fountain and milk depot (brick and stucco construction; tile roof) will contain fountain, booths, kitchen, cold storage room, etc.
Owner—Tom Lott, Delano.
Architect—Not Given.

WORK STARTED

SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego, has started work on the erection of the Federal government building at the California Pacific International Exposition in San Diego. It will be a Mayan style structure, 150x170 feet in area and 35 ft. high, with reinforced concrete walls, steel roof trussee, composition roofing and wood floors. Cost $125,000. Plans were prepared in the architectural offices of the exposition under the direction of Richard S. Requa, supervising architect.

Plans Being Prepared.

ALTERATIONS Cost, $60,000
SAN JOSE, Santa Clara Co., Calif. North First Street and Santa Clara
Alterations to present 3-story structure (third floor to be removed; new store fronts, new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)

Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.

Contracts Awarded.
OFFICE Cost, $3000
OAKLAND, Alameda Co., Cal. Ninth and B Streets.
One-story wood frame office building.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Sheet Metal — Melrose Sheet Metal Works, 4425 E-14th St., Oakland.
Lumber and Mill Work—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Electric—Scott Buttner Co., 23rd and Webster Sts., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Roofing—N. V. Heathorn, 354 Hobart St., Oakland.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $14,799
SAN FRANCISCO. No. 251 Post St.
Alterations and repairs to building.
Owner—The Misses Barbara and May Bridges and Mrs. Marjorie Bridges Farquhar.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Dinwiddie Construction Co., Crocker Bldg., S. F.
Structural Steel—Judson Pacific Co., 609 Mission Street.
Heating—E. Sugarman, 3624 Geary St.
Plumbing — J. E. O'Mara, 2720 McAllister Street.
Plastering—Jas. F. Smith, 271 Minna Street.
Mill Work—Davis Hardwood Co., Bay and Mason Streets.

CONTRACT AWARDED

SAN DIEGO, Calif.—B. O. Larsen, 1340 E Street, San Diego, awarded a contract for erecting the superstructure of the Ford Motor Company exhibit building at the California Pacific International Exposition in San Diego. The following items are not included in the contract: Sidewalks and exterior curbs, street work, finishing, grading, sodding and planting, lockers, signs, electric work, plumbing, heating, ventilating, murals, maps, exhibits, part of fire extinguishers, platform posts and rails, vases and urns, carpets, structural steel, part of concrete work, transformers, planting in patio and on terrace, giant motors, cases, Neon signs, drinking fountains and machinery. The owner will furnish steel toilet partitions, drinking fountains, part of fire extinguishers, platform posts and rails and miscellaneous fittings. Bids will be called for this week for the heating, plumbing and high pressure piping. Plans were prepared under the direction of Richard S. Requa, supervising architect for the exposition. Designs for the building were prepared by Walter Dorwin Teague.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. Fulton and Leavenworth Streets.
Alterations to store (new front).
Owner—James Irvine.
Architect—Not Given.
Contractor — Hannah & Wooldridge, 268 Market St., San Francisco.
Work will start within one week.

BIDS OPENED

OAKLAND, Cal.—Bids for a heating and ventilating system for the general office building at 512 16th St., were opened by the East Bay Municipal Utility District, April 3, under Spec. No. L.S. 140.

Bids were taken as follows:

Schedule 1: (1) Blower; (2) Intake and discharge duct;

Schedule 2: (1) Air heating and circulating, 350,000 B.T.U.; (2) Air heating and circulating and re-circulating, 200,000 B.T.U.; (3) Air heating and circulating and re-circulating, 250,000 B. T. U.;

Schedule 3: (1) One Rec. system; (2) Three Rec. systems.

Complete bids follow:

Aladdin Heating Corp., 5107 Broadway, Oakland: Schedule 1: (1) $447; (2) $183; Schedule 2: (1) $675; (2) $729 (3) $712; Schedule 3: (1) $968; (2) $639.

Schuster & Hudson, Oakland: Sched. 1: (1) $355; (2) $270; Sched. 2: (1) $696 (2) $820; (3) $750; Schedule 3: (1) $1,230; (2) $560.

Scott Co., Oakland; Sched. 1: (1) $314; (2) $674; Sched. 2: (1) $1,172; (2) $1,138; (3) $1,032; Sched. 3: (1) $1,789 (2) $895.

Bids held under advisement.

Contract Awarded.
ALTERATIONS Cont. Price, $14,799
SAN FRANCISCO. 251 Post Street.
Alterations and repair to building.
Owner—The Misses Barbara and May Bridges and Mrs. Marjorie Bridges Farquhar.
Architect—Hyman & Appleton, 68 Post Street.
Contractor — Dinwiddie Construction Co., Crocker Bldg.

Contract Awarded.
ADDITION Cost, $25,000
SAN FRANCISCO. W Sansome 114 N Vallejo.
One- and two-story loft addition.
Owner—Sunset Press, 1045 Sansome.
Engineer—T. Ronneberg, Crocker Building.
Contractor—Cahill Bros., 206 Sansome.

Elevator Cab Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Mission St., bet. Second and New Montgomery.
Alterations to office building.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect—Willis Polk Co., 277 Pine St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.
Elevator Cab and Doors — Forderer Cornice Works, 269 Potrero Ave.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. E Gough St. between Fulton and McAllister.
Alterations to parcel delivery service building.
Owner—Louise F. Hart, 897 Clayton.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Paul K. Jones, 666 Mission Street.

Plans Being Completed.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

Contracts Awarded.
STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 394-96-98 Grand Avenue.
One-story reinforced concrete store (65x50-ft.) glazed tile front, etc.
Owner—Wm. Greuner, Jr., 168 Grand Ave., Oakland.
Architect—R. A. Hutchison, 3433 Andover St., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Plumbing — J. M. Dale, 5433 Lawton Ave., Oakland.
Concrete Work — Chas. Hughes, 1001 Ashby Ave., Berkeley.
Sheet Metal and Heating — Aladdin Heating Co., 5107 Broadway, Oakland.
Electric—Kerr & Clifford, 3525 E-14th St., Oakland.
Roofing—N. V. Heathorn Roofing Co., 1870 38th Ave., Oakland.

BIDS OPENED

SAN FRANCISCO.—J. D. Hannah, 251 Kearny St., at $311 submitted low bid to Public Utilities Commission for interior carpentry work, including the glazing, hardware, plastering and the painting on the second, fourth and sixth floors of the San Francisco Water Dept. Bldg., 425 Mason St.

Complete bids follow:

J. D. Hannah	311.00
R. S. Silverberg	371.05
J. Harold Johnson	373.00
M. E. Yukicevich	389.00
Fred. DuPuy	419.00
Golden State Cabinet Works	464.60
Ostlund & Johnson	477.00
Empire Const. Co.	479.00
L. and E. Emanuel	487.70
L. C. Dunn	527.00
State Const. Co.	549.65
Mullen Manufacturing Co.	557.50

Bids held under advisement.

Construction To Start Shortly.
ALTERATIONS Cost, $20,0
SAN FRANCISCO. 222 Columbus Ave.
Alterations to hotel building for offices and studio apartments.
Owner—J. B. DeMaria, 114 Sansome.
Plans by M. J. Lyon.
Mgr. of Const.—M. J. Lyon, 916 Kearny Street.

Wrecking to Start Immediately.
ADDITION Cost, $30,000
SAN FRANCISCO W Sansome 114 N Vallejo St.
One and two-story loft building (reinforced concrete construction).
Owner—Sunset Press, 1045 Sansome.
Engineer—T. Ronneberg, Crocker Building.
Contractor—Cahill Bros., 206 Sansome.
Sub bids will be taken in about two weeks

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 2 Pine St.
Alterations to offices.
Owner—J. B. & A. B. Spreckels Co., Premises.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Contractor—Oscar Presco & Sons, 250 Langton St., San Francisco.

Preparing Preliminary Plans.
MARKET Cost, $——
SACRAMENTO, Sacramento Co., Cal. SE 28th and Y Streets.
One-story frame and brick food market (40x105 feet).
Owner—John Kassis, Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $1500
ALAMEDA, Alameda Co., Calif. 900 Lincoln Avenue.
Alterations to stores and flats.
Owner—Chas. H. and Lillian Swanson, 925 Rockdale Ave., San Francisco.
Architect—Not Given.
Contractor—F. M. Sauer, 725 Santiago St., San Francisco.

Plans Being Figured—Bids Close April 15th, 4 P. M.
STORES Cost, $——
SAN FRANCISCO. Market Street near Buchanan.

One-story frame and stucco store bldg (3 stores) 50x68-ft., tar and gravel roof, gas heating system, composition on floors, etc.
Owner—Howard B. Smith.
Architect—J. J. Foley, 770 Fifth Ave.
Bids are being received from a selected list of contractors only.

17— THEATRES

Additional Sub-Contracts Awarded.
ALTER THEATRE Cost, $40,000
SAN FRANCISCO. Twenty-second and Mission Streets.
Alterations to theatre (work involves re-decorating, new steam heating equipment, new seating, new carpets and drapes, new mezzanine lounge, new toilets, enlarge foyer)
Owner—Golden State Theatre Co., 25 Taylor Street.
Architect — F. F. Amandes, 1879 18th Avenue.
Contractor—A. J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Ornamental Iron — Ace Iron Works, 2114 Cypress Ave., Oakland.
Plastering—Peter Bradley, 639 Brannan St., San Francisco.
Other awards reported March 21, 1935.

Plans Being Prepared.
ALTERATIONS Cost, $——
VALLEJO, Solano Co., Cal. No. 329 Virginia Street.
Alterations to building for theatre (sound equipment, etc.)
Owner—William and George Guhl and H. L. Freudenberg, Vallejo.
Architect — James Narbett, 466 31st St., Richmond.
Bids will be asked in about two weeks.

18—WHARVES & DOCKS

Structural Steel Contract Awarded.
APRON Cont. Price, $18,741
SAN FRANCISCO. Pier No. 43.
New car ferry apron at Pier No. 43 (steel construction to replace the present apron).
Owner — State of California (Harbor Commissioners).
Engineer — Frank G. White, Ferry Building.
Contractor — Louis C. Dunn, Monadnock Building.
Structural Steel—Ingals Iron Works, Encinal Ave., Alameda.
Other awards will be made within ten days.

BIDS WANTED.
SAN FRANCISCO.—Until April 15, 10 A. M., bids will be received by the Construction Quartermaster, Ft. Mason, for repairs to east and west Garrison Wharves at Fort McDowell, Cal. Plans and specifications may be obtained from above office upon deposit of $5.00.

Bids Opened.
WHARF Cost, $125,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across piers 44 and 46. (600x60 feet), reinforced concrete deck on concrete jacketed piles.
Owner — State of California (Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Low Bidder — Merritt Chapman & Scott, 609 Crocker Bldg., S. F.
Complete bids follow:
(1) Bulkhead wharf.
(2) 4500 cu. yds. earth fill.
(3) 2000 tons Class A rock.
(4) 5000 tons Class B rock.
(5) 215 creosoted piles to be driven under Pier 46.
(6) 75 sub-caps for under Pier 46.
(7) Total price.
(8) Untreated piles, add or deduct.

Merritt Chapman & Scott	(1)	$ 86,000.00
	(2)	3,825.00
	(3)	6,100.00
	(4)	10,000.00
	(5)	4,751.50
	(6)	851.25
	(7)	111,527.75
	(8)	21.95
Healy Tibbitts Constr. Co.	(1)	100,188.00
	(2)	1,125.00
	(3)	3,000.00
	(4)	1,250.00
	(5)	5,375.00
	(6)	900.00
	(7)	111,838.00
	(8)	25.00
M. B. McGowan	(1)	96,173.00
	(2)	2,250.00
	(3)	2,000.00
	(4)	5,000.00
	(5)	8,600.00
	(6)	750.00
	(7)	114,775.00
	(8)	10.00
Duncanson Harrelson Co.	(1)	97,500.00
	(2)	2,250.00
	(3)	4,500.00
	(4)	7,500.00
	(5)	6,450.00
	(6)	1,500.00
	(7)	119,700.00
	(8)	20.00
Clinton Constr. Co.	(1)	100,000.00
	(2)	2,475.00
	(3)	4,700.00
	(4)	5,000.00
	(5)	6,450.00
	(6)	1,875.00
	(7)	120,500.00
	(8)	25.00
A. W. Kitchen	(1)	90,790.00
	(2)	5,625.00
	(3)	5,300.00
	(4)	8,750.00
	(5)	9,997.50
	(6)	1,200.00
	(7)	121,662.50
	(8)	19.00

Bids held under advisement.

19—MISC. CONSTRUCTION

Preparing Working Drawings.
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide 33⅓ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—James Narbett, 474 31st St. Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker Girst National Bank Bldg San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Bids will be asked in 30 days.

WORK STARTED.
BAKERSFIELD, Kern Co., Calif.—Kern county supervisors have started work with SERA labor on the construction of a grandstand at the Kern county fair grounds in Bakersfield. It will accommodate 10,000 persons and will be built of redwood and steel, superimposed on an earth embankment. Adobe stables will also be built at the fair grounds.

Sub-Contracts Awarded.
FOUNDRY Cost, $23,000
OAKLAND, Alameda Co., Cal. B St. Parr Terminal.
One-story steel foundry.
Owner—American Manganese Steel Co. Premises.
Plans by Engineering Dept. of Owner.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Structural Steel—McClintle Marshall, 20th and Illinois Sts. S. F.
Steel Sash — Truscon Steel Co., 604 Mission St., San Francisco.
Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.

Additional Contract Awarded.
IMPROVE AIRPORT Cost, $——
ALAMEDA, Alameda Co., Calif. Alameda Airport.
Extension and improvements to airport (raise hangar, steel work, radio equipment, roads, etc.)
Owner—Pan-American Airways (Mr. Grootch in charge) Saint Francis Hotel, San Francisco.
Engineer—F. McKenzie, Alameda Airport, Alameda.
Farringer & Spaulding, 1806 Central Ave., Alameda, awarded contract for alterations in airplane hangar, placing partitions, etc.
As previously reported, road work awarded to J. Catucci, 1212 18th Ave., Oakland (work completed); **steel to** Herrick Iron Works, 18th and Campbell Sts., Oakland; timber ramp to Duncan-Harrelson Co., deYoung Bldg. San Francisco.
Estimated cost of first unit is $30,000.

Plans Being Prepared.
ICE AND HOCKEY ARENA $——
SPOKANE, Wash. Cannon Playground (Cannon and Elm Streets); Ice and hockey arena (80x190 feet); (frame construction with steel **trusses); will contain bleachers** to seat 4000, lunch room, rest rooms, check room, skate supply room, repair shop, offices, shower rooms, etc.
Owner—Spokane Ice Skating & Hockey Assn., % Architect.
Architect — Charles Wood, Columbia Bldg., Spokane.

BIDS OPENED
TUOLUMNE COUNTY, Cal.—D. E. Manning, 118 Virginia Ave., San Francisco, at $1,659 submitted low bid to the Public Utilities Commission, City Hall, San Francisco, under Hetch Hetchy Water Supply Cont. No. 153 for the reconstruction of the West Portal-Moccasin Power line, at Moccasin, Tuolumne County. Work will include furnishing all materials not specified to be furnished by the city, all hauling, and all labor.
The work involves:
(A) The installation of a new 22,000 volt power line approximately 5,500 ft. long, on wood poles, extending easterly from the switchyard of Moccasin Power House.
(B) The salvaging of the 22,000-volt on the old pole line within the limits of the new line.
(C) The building of an extension to the existing 2,300-volt power line at the Mocasin switchyard on wood poles to reach a new group of cottages.
Estimated quantities are:
(1) 26 22-kv. poles, to be installed;
(2) 3 2300-v. poles, to be installed;
(3) 3 old poles to be removed;
(4) 19 pole tops to be cut off;
(5) 5,500 ft. 22-kv. 3-phase circuit to be moved;
(6) 850 ft. 2300-v. single phase circuit, to be installed;
(7) 1 10-kva transformer to be moved
(8) 1 50-kva do to be installed;
(9) 1 22-kv. section switch to be moved.
The following materials will be salvaged by contractor and reinstalled on new work:
(1) 1 10-kva. 22-kv. transformers with accessories;
(2) 1 22-kv. section switch;
(3) No. 4 solid copper line wire.
The city will furnish all insulators required f.o.b. warehouse at Hetch

Hetchy Junction, and a 50-kva. 2300-volt transformer with cutouts and fuses f.o.b. Mocassin warehouse.

The total bids were:

(A) D. E. Manning, San Francisco, $1,659.00.
(B) T. L. Rosenberg Co., Oakland, $1,922.00.
(C) Geo. F. Brayer, San Francisco, $2,349.00.
(D) G. H. Armstrong, San Francisco, $2,900.00.
(E) H. S. Tittle Co., San Francisco, $3,200.00.
(F) A. Soda & Son, Oakland, $4,122.00.

Bids held under advisement.

SUB-CONTRACTS AWARDED

SAN FRANCISCO—Barrett & Hilp, 918 Harrison St., awarded the following sub-contracts for the replacements at the Presidio, San Francisco. Work involves clearing Presidio approach road of military buildings and structures and replacing some of the buildings. Cost $125,339.

Electric—Alta Electric & Mechanical Co., 467 O'Farrell St.
Plumbing—Fred W. Snook, 596 Clay Street.
House Moving — Pearson & Johnson, 2031 Bryant Street.
Finish Hardware—E. M. Hundley, 662 Mission Street.
Track—A. D. Schader, 144 Spear St.
Miscellaneous Iron—Fair Mfg. Co., 617 Bryant Street.
Mill Work—Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Sts.
Concrete—Pacific Coast Aggregates, 75 Second Street.
Lumber—J. H. McCallum, 748 Bryant Street.

All sub-bids are in and no further bids are desired.

BIDS OPENED

SAN CARLOS, Arizona — Bids for furnishing and erecting one atmospheric cooling tower for standby Diesel engine generating plant located on the San Carlos Indian Reservation near Coolidge, Ariz., Federal Project No. 261, Bid No. 0153, were opened by the U. S. Indian Irrigation Service, 751 So. Figueroa St., Los Angeles, April 3. The bids follow:

C. F. Braun, Co., Inc., Alhambra $2640; delivery f.o.b. San Carlos project within 14 days; erection within 14 days. Total shipping weight, 38,000 lbs.; 38.5-ft. pumping head required at intake flange. Terms net.

Foster Wheeler Corp., 165 Broadway, New York, N. Y., $2781 (price does not include riser pipes or erection thereof). Add $136 for furnishing and installing riser pipes; delivery f.o.b. Coolidge, Ariz., within 30 days; erection within 14 days. Total shipping weight 39,200 lbs.; 37-ft. pumping head required at intake flange. Terms net.

Fluor Corp., Ltd., Box 128, Station K, Los Angeles, $2860; delivery f.o.b. cars at Coolidge, Ariz., within 7 days; erection within 12 days. Total shipping weight 36,000 lbs.; 60-ft. pumping head required at intake flange. Terms 2%, 10 days; 1%, 20 days. Net 30 days.

Pacific Tank & Pipe Co., 122 W. Jefferson St., Los Angeles, $3000; delivery f.o.b. Coolidge, Ariz., within 35 days; erection within 20 days. Total shipping weight 35,000 lbs.; 60-ft. pumping head required at intake flange. Terms 2%, 10 days. Net 20 and 30 days.

C. C. Moore & Co., Engineers, 204 Edison Bldg., Los Angeles, $3297; delivery f.o.b. San Carlos project within 14 days; erection within 28 days. Total shipping weight 48,000 lbs.; 36-ft. pumping head required at intake flange. Terms net.

J. Knox Corbett Lumber & Hardware Co., Tucson, Ariz., $3750; delivery f.o.b. cars at Afton, Missouri, in 10 days; erection within 14 days. Total shipping weight 49,000 lbs.; 36-ft. pumping head required at intake flange. Terms net.

Marley Co., 1915 Walnut St., Kansas City, Mo., $2877; delivery f.o.b. Pittsburg, Calif., or Kansas City, Mo., 000 lbs.; 38-ft. pumping head required in 14 days; erection completed within 30 days. Total shipping weight 34,- at intake flange. Terms net.

BIDS WANTED.

ALAMEDA COUNTY, Calif. — Until April 19, 2 P. M., bids will be received by John H. Skeggs, District Engineer, Department of Public Works, Divis on of Highways, 500 Sansome St., San Francisco, for the sale of various buildings located in Oakland. Following structures are to be sold:

Item B-183: 933 38th St. Five-room frame dwelling with 544 sq. ft. floor space. Right reserved to use material from rear wall to make alterations to remaining structure. Available June 1.

Item B-184: 929 38th St. Six-room frame dwelling with 1230 sq. ft. floor space. Detached garage or rear house not included in this sale. Available May 1.

Item Moss 2: 899 38th St. Ten-room two-story frame and shingle dwelling with 2160 sq. ft. floor space. Garage 306 sq. ft. Available June 15.

Item Moss 13: 837 38th St. Five-room and basement frame dwelling with 1120 sq. ft. floor space. Available June 15.

Item Moss 18: 821 38th St. Five-room and basement frame dwelling with 1210 sq. ft. floor space. Available May 1.

Item Moss 22: 3746-48 West Street. Eleven-room 2-story frame flats with 2530 sq. ft. floor space. Detached garage, shed and fences not included in this sale. Available May 10.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

SAN BERNARDINO, Cal.—Bids for furnishing full treated Douglas fir or yellow pine or butt treated red cedar telephone poles were opened by the U. S. Forest Service, San Bernardino, April 8. Bids were taken as follows:

2000 poles 20-ft. in length;
400 poles 25-ft. in length.

Delivery fob cars, bidder's shipping point and/or Hemet, Calif. Bid No. 20.

The bidders were:

(A) Consolidated Lumber Co., fob Seattle, Wash.
(B) American Lumber & Treating Co., fob Hemet.
(C) American Lumber & Treating Co., fob Wilmington.
(D) Texas Creosoting Co., fob Houston.
(E) Texas Creosoting Co., fob Hemet.
(F) American Automatic Elec. Sales Co., fob Hemet.
(G) American Automatic Elec. Sales Co., fob Priest River.
(H) Joslyn Co. of California, fob Hemet.
(I) Joslyn Co. of California, fob Priest River, Idaho.
(J) J. H. Baxter & Co., fob Bellingham, Wash.
(K) James L. Hall, fob Bellingham.
(L) James L. Hall, fob The Dalles, Oregon.
(M) Chas. L. McCormick Lbr. Co., fob St. Helens, Oregon.
(N) Chas. R. McCormick Lumber Co. fob Portland, Oregon.
(O) Howard W. Baxter, fob Bellingham, Wash.

Unit prices follow:

	Douglas Fir		Southern Pine		Red Cedar	
	20'	25'	20'	25'	20'	25'
(A)	$2.75	$3.75	$	$	$	$ .....
(B)	3.10	4.12	.....	.....	.....	.....
(C)	2.80	3.70	.....	.....	.....	.....
(D)	.....	.....	2.39	3.32	.....	.....
(E)	.....	.....	3.69	5.14	.....	.....
(F)	.....	.....	.....	.....	3.30	3.90
(G)	.....	.....	.....	.....	2.10	2.50
(H)	.....	.....	.....	.....	3.30	3.90
(I)	.....	.....	.....	.....	2.10	2.50
(J)	.....	.....	.....	.....	2.20	2.40
(K)	.....	.....	.....	.....	2.35	2.60
(L)	2.85	4.05	.....	.....	.....	.....
(M)	2.55	3.30	.....	.....	.....	.....
(N)	.....	.....	.....	.....	2.40	2.65
(O)	.....	.....	.....	.....	2.24	2.49

LOW BIDDER.

EL MONTE, Los Angeles Co., Cal.—Thos. Summerville, Washington, D. C. submitted the low bid to the Supervisor of Purchases, Subsistence Homesteads Division, Interior Dept., Washington, D. C., April 5, at $3296 for furnishing 32,850 l.f. 1-in. galv. steel pipe 920 l.f. ¾-in. galv. steel pipe, 2181 galvanized malleable tees, 144 galvanized bushings, 444 galvanized bushings, 204 galvanized unions, 88 galvanized unions, 400 galvanized steel nipples, 2181 cast iron plugs and 285 cocks for project at El Monte.

CONTRACT AWARDED

LOS ANGELES, Cal.—J. W. Johnson, 113 South Robertson Blvd., Los Angeles, awarded contract by the Metropolitan Water District, Los Angeles, at $59,064.00, for hauling cement in the site of the work from railway stations in accordance with Spec. No. 92 for use in the construction of certain structures of the Colorado River aqueduct, between approx. six miles northwesterly from Earp, Calif., and approximately seven miles southwesterly from Freda, Calif., on the A. T. & S. F. Ry.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 So. Broadway, April 8, for furnishing creosoted wooden poles, f.o.b. cars or trucks, Los Angeles Harbor District, under Specification No. 1647, as follows:

The items were:

(A) 100 only 35-ft. full treated wooden poles;
(B) 260 only 40-ft. full treated wooden poles;
(C) 125 only 45-ft. full treated wooden poles;
(D) 50 only 45-ft. full treated wooden poles;
(E) 110 only 60-ft. full treated wooden poles.

The bidders were:

(1) National Lumber & Creosoting Co. Southern Yellow Pine, terms net.
(2) Pacific Piling & Constr. Co., Douglas fir, terms net.
(3) Consolidated Lumber Co., Douglas firm lumber, terms net.
(4) J. H. Baxter & Co., Douglas fir lumber, terms net.
(5) Chas. R. McCormick Lumber Co., Douglas fir lumber, terms net.
(6) Joslyn Co. of California, Southern Yellow Pine, terms net.
(7) American Lumber & Treating Co., Douglas fir lumber, terms net.
(8) Graybar Electric Co., Southern Yellow Pine, terms net.

The bids were:

	(A)	(B)	(C)	(D)	(E)
(1).....	$15.65	$20.85	$25.30	$31.50	$43.85
(2).....	12.95	14.90	17.00	19.00	25.00
(3).....	11.15	13.65	17.00	21.75	29.45
(4).....	12.00	14.20	17.50	21.80	28.50
(5).....	12.50	14.70	17.85	22.25	28.95
(6).....	13.80	16.30	20.30	24.90	40.90
(7).....	10.60	12.40	15.85	18.05	25.00
(8).....	15.79	21.27	25.86	35.02	48.81

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until April 17, 3 P. M., bids will be received by the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, 208 Post Office Bldg., Sacramento, under Order No. 7245/C.P., for the sale of the following used property:

(1) Victor No. 69997 adding machine;
(2) one cylindrical tank, 46-in. diameter, 11-ft. 8-in. length, galvanized iron, closed both ends, and one galv. iron tank, approx. 45-in. dia., 5-ft. high, without top;
(3) one motor boat, hull only;
(4) power force pump, storage batteries, anvils, fire extinguishers, propellers, double bunks, scrap brass scrap copper, and lawn mowers;
(5) air hose, discharge hose, fire hose, suction hose, auto tires, inner tubes, and rubber boots;
(6) Barge "D" house boat;
(7) discharge pipe;
(8) Manila rope;
(9) pontons.

The above articles are all located at U. S. Engineer Storehouse, grounds and wharf, Rio Vista, except articles listed under Item (1) which are located at the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento; articles under Item (2) which are located at the U. S. Government Boat Landing at Sacramento Weir about 3½ miles from the City of Sacramento on the river road from Sacramento to Woodland, and articles on Item (3) which are located at U. S. Government Wharf in Stockton.

Information obtainable from the U. S. Engineer Office, Room 208, Post Office Bldg., Sacramento.

EAST BAY UTILITY DIST.

OAKLAND, Calif. — Until April 18, 5:30 P. M., bids will be received by the East By Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. L. S. 143, for furnishing 7,700 l.f. electric welded steel pipe, 24- and 30-in. diameters, for distribution system.

Specifications obtainable from above office. •

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

APRIL 15, 2 P. M.

BID NO. 2335: (1) 25 extension bells, 2500 ohm; (2) 10 do, loud ringing 6-in. gong;

BID NO. 2338: (1) 76 wire grips; (2) 25 wire grips with pulley for No. 6 wire; (3) 50 pr. lineman's splicing clamps; (4) 25 block and tackle (5) 25 block and tackle;

BID NO. 2339: (1) 25 pruning saws; (2) 10 pruning saw handles, 16-ft long; (3) 10 handle couplers;

BID NO. 2336; 5,000 guy thimbles, ⅜"

BID NO. 2327: 16,000 crossarm pins, steel;

BID NO. 2337: (1) 76 pair lineman's pole climbers; (2) 50 pair lineman's tree climbers; (3) 100 sets straps and pads; (4) 100 lineman's safety straps; (5) 100 lineman's tool belts;

BID NO. 2332: (1) 100,000 feet guy strand, ¼-in.; (2) 25,000 ft. guy strand, 5/16-in.;

BID NO. 2340: (1) 7,500 ft. No. 14 copper wire, single braid, rubber covered; (2) 5,000 ft. No. 17 copperweld wire, single conductor, outside drop; (3) 5,000 ft. No 17 copperweld wire, twisted pair, outside drop; (4) 1,000 ft. No. 19 wire, B&S inside, single conductor; (5) 5,000 ft. No. 19 wire, B&S, inside, twisted pair;

BID NO. 2329: (1) 110 lightning arresters, vacuum, single pole; (2) 100 lightning arresters; (3) 300 clips for No. 9 iron to copper wire; (4) 40 lbs. solder; (5) 150 telephone switches; (6) 65 rolls friction tape;

BID NO. 2313: (1) 3,000 crossarm bolts, machine, ⅝x12-in.; (2) 1,000 do, ⅝x15-inch; (3) 20,000 crossarm washers, square;

BID NO. 2326: Fob bidder's shipping point and/or Elkins, West Va.: (1) 10 leather carrying cases, increment borer, for 10-in. auger; (2) 30 do for 12-in. auger.

APRIL 19, 2 P. M.

BID NO. 2334: Fob bidder's shipping point and/or Elkins, West Va.: 500 asbestos tent shields, round, 6-in., 2-in. flange.

All bids fob bidder's shipping point and/or Government Island, unless otherwise noted.

Specifications obtainable from above office.

BERKELEY SCHOOL DIST.

BERKELEY, Alameda Co., Cal.—Until April 24, 4 P. M., bids will be received by the Berkeley Board of Education for furnishing materials for electric clocks and signal device equipment for the Thousand Oaks School, located at Tacoma and Colusa Streets, Berkeley. Specifications may be obtained from above office. •

MADERA COUNTY

MADERA COUNTY, Cal.—Until May 7, 10 A. M., bids will be received by the Madera County Board of Supervisors, L. W. Cooper, County Clerk, Court House, Madera, for one new hand control leaning wheel blade grader, wt. 8,230 lbs.; 10-ft. blade, spoke type steel tire, roller bearing wheels, all welded box-type frame of 9-in. channels, wt. 20 lbs. per foot, and with 5-ft. tooth front scarifier. Trade-in allowance is to be made for one used Russell R Finisher. Delivery fob Madera.

Specifications obtainable from above office. •

CANAL ZONE

PANAMA CANAL.—Until April 23 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3047, for furnishing miscellaneous supplies and equipment, including: tractor mowers, lifeboats, drill steel, machine bolts, nuts, rivets, expansion shields, horseshoes, resistance loads, pressure-gauge testers, fire extinguishers, grease cups, empty paint pails, fire hose, rag roofing felt, mop heads, pig iron, calcium carbide, calcium chloride, aircraft enamel paint pigments, linseed oil, turpentine, kerosine, trisodium phosphate, caustic soda, acetone and lumber (Northern white pine, sugar pine, California redwood, Port Orford cedar, white oak and white ash).

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Ft Mason, San Francisco.

U. S. POST OFFICE DEPT.

CORONA, Cal.—Until April 19, bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., for two wooden pigeonhole nests for key type lock boxes and one key cabinet for the post office at Corona. Proposal No. 1998.

SAN FRANCISCO.—Until April 17, bids will be received by the Purchasing Agent, Post Office Dept., Washington, D. C., for two enclosed bulletin boards and one stamped paper cabinet for the Fisk Station Post Office, San Francisco. Proposal No. 2001.

U. S. POST OFFICE DEPT.

GRASS VALLEY, Nevada Co., Cal. —Until April 23, 3 P. M., bids will be received by Postmaster Roy L. Terrell, Jr., Grass Valley, for installation of a new electric water cooler in the U. S. Post Office at Grass Valley.

Further information may be obtained from the Postmaster. •

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., as follows:

ASBESTOS - BOARD, sleeving and tape, asbestos; East and West Yards. Sch. 4645; April 16.

ROPE, wire and seizing strand; East and West Yards. Sch. 4632; April 16.

TUBING, seamless steel; East and West Yards. Sch. 4671; April 16.

TUBES, vacuum and mercury; East and West Yards. Sch. 4708; April 16

CARBONS, searchlight; 5500 for San Diego and Puget Sound; 6800 for Mare Island and Puget Sound. Sch. 4675; April 19.

GLASS, window and plate; East and West Yards. Sch. 4672; April 19.

HOSE, 7400 ft. bronze steam; Mare Island. Sch. 4668; April 19.

BURLAP, 17,600 lin. yds. jute burlap; Mare Island and Puget Sound. Sch. 4667; April 19.

DRILL, 60,000 lin. yds. 28-inch slate color cotton drill; Mare Island. Sch. 4664; April 19.

HOSE, rubber-metal gasoline; 360 ft., Mare Island; 600 ft., Puget Sound. Sch. 4650; April 19.

OIL, cutting, soluble; lard, mineral; pure, paraffine, petroleum; East and West Yards. Sch. 4679; April 19.

LINOLEUM, battleship; 1000 sq. yds. Mare Island; 1400 sp. yds. Puget Sound; 39,000 sq. yds. Western Yards. Sch. 4676; April 19.

FLASHLIGHTS, electric, 13,240; East and West Yards. Sch. 4674; April 19.

WIRE, brass, bronze, lead, copper, and steel; East and West Yards. Sch. 4670; April 19.

FUSES and fuse-elements; East and West Yards. Sch. 4661; April 19.

CASINGS, outer, for smoke pipes; Mare Island and Puget Sound. Sch. 4673; April 19.

GLASSES for airports, etc.; East and West Yards. Sch. 4682; April 19.

FANS, ventilating electric, and spares 40; Mare Island. Sch. 4693; April 19.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

LOS ANGELES, Cal.—John Strona, Philadelphia St., Pomona, was awarded the contract by the Los Angeles Board of Public Works, April 3, at $149,962.30, based on the cast-in-place piles, Unit A, for constructing the Gaffey St. bridge across Summerland Ave. and the Gaffey St.-Elberon grade separation, under cash contracts.

CONTRACT AWARDED

LOS ANGELES, Cal.—Lynch-Cannon Engineering Co., 5658 Wilshire Blvd., Los Angeles, awarded contract by the Los Angeles Board of Public Works, April 3, at $39,993.25, for constructing the San Fernando Road bridge over the Southern Pacific Co's tracks near Tunnel Station.

BIDS WANTED

LOS ANGELES CO., Cal.—Until May 2, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge 301 feet in length across the Arroyo de los Posos and the Pacific Electric Railway Company tracks at Marengo Street, Los Angeles, consisting of reinforced concrete girder spans on reinforced concrete abutments and piers.

The work involves:
(1) 1 only existing bridge to be removed and disposed of;
(2) 3,100 c.y. structure excavation;
(3) 700 c.y. imported borrow;
(4) 493,000 lbs. bar reinf. steel;
(5) 2,456 c.y. Class A Port. cement concrete (struc.);
(6) 77 c.y. Class E do (railings, posts, and pylons);
(7) 1 lot lighting equipment;
(8) 1 lot ornamental iron railing;
(9) 1 lot sewers.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

VENTURA CO., Calif. — Until May 2, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Calleguas Creek, about 2½ miles south of Camarillo, Ventura County, consisting of one 40-ft. span and two 35-ft. spans on concrete bents and abutments.

The work involves:
(1) 650 c.y. struc. excavation;
(2) 890 l.f. furnishing reinf. concrete piles, including test piles;
(3) 28 each driving do;
(4) 525 c.y. Class A Portland cement concrete;
(5) 72,000 lbs. bar reinf. steel;
(6) 2,000 lbs. cast steel;
(7) 180 sq. yds. gunite;
(8) 550 sq. yds. plaster;
(9) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District engineer in San Francisco and Los Angeles, and the district in which the work is situated.

22—DREDGING HARBOR WORKS EXCAVATION

Bids Opened.

SEA WALL Cost, $5,000
NORTH COVE, Washington.
Reinforced concrete sea wall at Wilapa Coast Guard Station (250 ft. long, 10 ft. high).
Owner—United States Government.
Plans by Andre Fourchy, Associate Civil Engineer, Government Island, Oakland.
Low Bidder—Creeda Brothers, Aberdeen, Wash., $6,350.

Only other bid was submitted by Nels Nelson, Hoquiam, Wash., at $8,821.72.

Bids held under advisement.

23—IRRIGATION PROJ.

COMPLETE BID LISTING

OWYHEE PROJECT, Oregon - Idaho —Morrison-Knudsen, P. O. Box 1518, 318 Broadway, Boise, Idaho, at $92,388 submitted low bid, as previousfy reported, to the Bureau of Reclamation, Ontario, Oregon, March 26, under Spec. No. 614, for the construction of structures, South Canal, Station 0 to Station 736, Succor Creek Division, Owyhee Project, Oregon-Idaho. The work is located near Adrian, Oregon and Homedale, Idaho.

Bids were taken as follows:

Schedule No. 1: Construction of Tunnel No. 5 outlet and wasteway, South Canal, Station 0-37.00; Tunnel No. 5 wasteway, drop into Snake River and Bond and Newell Gulch siphon, South Canal, Station 112+25 to Station 114+26.

Schedule No. 2: Construction of Coyote Gulch siphon, South Canal, Station 210+00 to Station 222+55.

Schedule No. 3: Construction of North Alkali Creek siphon, South Canal, Station 295+07 to Station 300+45; No. Alkali Creek Wasteway, South Canal, Station 294+ 69.10; and turnout, South Canal.

Schedule No. 4: Succor Creek Wasteway and siphon, South Canal, Station 466+ 59.75 to Station 474+48.

Complete bids follow:

Morrison-Knudsen Co., 318 Broadway, Boise, Idaho: (1) $18,686.50; (2) $27,465; (3) $22,223.50; (4) $24,013; total, $92,388. The company will accept award on Schedules 1, 2, 3 and 4 combined, but will not accept award on any one schedule nor on any other combination of schedules.

Barnard-Curtiss Co., 808 Phoenix Bldg., Minneapolis, Minn.: (1) $21,786.10; (2) $32,382; (3) $25,692; (4) $24-508; total, $104,368.10.

The bid is for all schedules bid on, or none.

United Contracting Co., 311 Stock Exchange Bldg., Portland: (1) $27,957; (2) $40,911; (3) $30,717; (4) $30,355.50; total, $129,940.50. The bid is computed on the basis of an award on all four schedules, or none.

John Klug, Nyssa, Oregon: (1) $18,074.50; $28,575; (3) $21,429; total, $68,078.50. No stipulations.

Dan Teters & Co., Ontario, Oregon: (1) $19,322.50; (2) $28,442.50; (3) $24,726.50; total, $72,491.50. Will accept Schedule 1, 2 or 3, or will accept award of any two schedules; will not accept all three schedules. If awarded schedules No. 2 and 3, deduct $1.00 per cu. yd. from Item 30 (857 cu. yds. concrete).

S. S. Magoffin Co., Inc., Adrian, Ore. (1) $21,337.50. No stipulations.

Fife & Co., Nyssa, Oregon: (2) $24,630. No stipulations.

Engineer's estimate: (1) $19,642; (2) $31,395; (3) $22,562; (4) $21,227; total, $94,826.

REVISED QUANTITIES

YUMA, Arizona—Approximate quantities and schedules for the earthwork, All-American Canal, Station 1860 to Station 3090+75, Specifications No. 621, for which bids are to be opened by the Bureau of Reclamation at Yuma, Ariz. at 10 A. M., mountain time, of April 25, are:

SCHEDULE NO. 1
Station 1860 to Station 2170
(1) 2,707,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 2
Station 2170 to Station 2455
(2) 2,564,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 3
Station 2455 to Station 2740
(3) 2,518,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 4
Station 2740 to Station 3090+75
(4) 3,472,000 cu. yds. excav. of canal, common.

The work is located from 18 miles west to 43 miles southwest of Yuma, Ariz., and from 10 miles east to 35 miles northeast of Calexico, Calif.

BIDS WANTED.

MODESTO, Stanislaus Co., Cal.—Until April 22, 10 A. M., bids will be received by the Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for work in Improvement Dist. No. 7, as follows:

SCHEDULE No. 1—For 1298 ft. 24-in. Concrete pipe line.
SCHEDULE No. 2—For one concrete structure, a total of 3.5 cu. yds. of concrete.
SCHEDULE No. 3 — For 4 concrete structures, a total of 4 cu. yds. of concrete, 2 24-in. K.T. valves, and 2 16-in. K.T. valves.(Note: The work is to be paid for in cash by property owners desiring same)
SCHEDULE No. 4—For 8 lin. ft. in 16 diam. concrete pipe.
SCHEDULE No. 5—For 3 24-in. Calco Screw Gates.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BISHOP, Inyo Co., Cal.—Following bids received by State Purchasing Department, Sacramento, for furnishing grader for Bishop, Quotation No. 45,-503, Requisition No. 6-312:

Spears Wells Machinery Co., $3,054; 2%, 30 days.

Brown Bevis Equipment Co., $3,305, 2%, 30 days; alternate, $3,455; 2%, 30 days.

Austin Western Machinery Co., $3,505; 2%, 30 days.

Smith, Booth, Usher, $3,505; 2%, 30 days.

J. D. Adams; $3,505; 2%, 30 days.

Crook Company; $3,605; 2%, 30 days.

Shepherd Tractor & Equip. Co.; $3,-625; 2%, 30 days.

BIDS OPENED

SAN BERNARDINO, Cal.—Following bids received by State Purchasing Department, Sacramento, for furnishing one Diesel tractor for San Bernardino. Quotation No. 45502, Req. No. 1766.

(1) Trade-in allowance.

Crook Company		$3630.00
	(1)	576.00
		3054.00
2%, 30 days.		
Smith Booth Usher		3650.00
	(1)	710.00
		2940.00
2%, 30 days.		
Weaver Rye Tractor Co., Caterpillar Diesel 40		3692.30
	(1)	450.00
		3242.30
2%, 30 days.		
Caterpillar Diesel 35 (Alt.		3508.30
	(1)	450.00
		3058.30
2%, 30 days.		
J. D. Adams		3706.00
	(1)	675.00
		3031.00
Alternate		3851.00
	(1)	675.00
		3179.00
5%, 30 days.		

CONTRACT AWARDED

SITKA, Alaska.—Troy Laundry Machinery Corp., 401 Eighth St. North, Seattle, at $10,932 awarded contract by Pioneers Home Building Corp. for furnishing laundry equipemnt for the Pioneers' Home at Sitka. Complete list of bids follows:

Troy Laundry Mchy Corp., Seattle	$10,9[illegible]
U. S. Hoffman Machy. Corp.	11,065
American Laundry Mchy Corp.	11,200
*Perfection Mchy & Supply Co.	6,742

*Bid not considered as it covered equipment unknown to the Commission.

BIDS OPENED.

SAN FRANCISCO. — Following bids received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., Apr[illegible] 4732, for furnishing 1½ ton capacity motor truck for San Francisco:

Doherty Bros., San Francisco, $755

General Motors Corp., Detroit, Mich. $644.14.

Ernest Ingold, San Francisco, $722.-45; 2%.

CONTRACT AWARDED

BOULDER CANYON, Nev.—Alliance Machine Co., Alliance, Ohio, at $16,975 awarded contract by the Bureau of Reclamation Denver, under Spec. No. 662-D, for furnishing one turbine gallery crane for Boulder Power Plant.

BIDS OPENED

OAKLAND, Cal. — Following bids received by Oakland Port Commission for furnishing one truck scale, 60 feet long, of 80,000 lb. capacity at Outer Harbor, for weighing truck and trailer.

Fairbanks Morse Co., Spear and Harrison Sts., San Francisco, $2775.

Howe Scale Co., San Francisco, $2,-855.80; alternate, $2664.

Toledo Scale Co., San Francisco, $5,-435.

Bids held under advisement.

BIDS OPENED

SAN JOAQUIN & STANISLAUS Counties, Cal.—Following bids received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, April 8, for the rental for approximately two months of one or more 40-hp. track-laying tractors, equipped with street plates, for use in connection with grading and scarifying equipment in San Joaquin and Stanislaus Counties:

Moore Equipment Co., Stockton: New Allis Chalmers Model "K" "40" hp., $2.38 per hour; used (approx. one year old) Allis Chalmers Model "K" "40" hp., $2.28 per hour.

Valley Tractor & Equipment Co., Modesto: Caterpillar Model "40" tractor, purchased in January and March, 1935, 2.40 per hour.

*J. P. Breen, Sacramento: Allis Chalmers Model "35" tractor purchased in 1932, 2.35 per hour.

*Bid irregular.

Bids held under advisement.

BIDS OPENED

ALCATRAZ ISLAND, Cal—Following bids received by Warden, U. S. Penitentiary, Alcatraz Island, for furnishing one dishwashing machine with dish baskets and two dish tables. Schedule No. 309.

(1) machine complete; (2) two dish tables:

John G. Ills Co., 2902 19th St., San Francisco	(1)	$1928.00
2%, thirty days.		
Insinger Co., Philadelphia	(1)	1214.00
	(2)	6.45
Antice & Co., Rochester, New York	(1)	1516.00
	(2)	165.00
Dohrmann Hotel Supply Co., San Francisco	(1)	
	(2)	431.57

30—RESERVOIRS & DAMS

PROSPECTIVE BIDDERS.

BONEVILLE, Ore.—Following have procured plans for excavation of the lower lock approach canal, and the excavation and lining of the fishway at Bonneville, for which bids will be opened by the U. S. Engineer Office, 306 Custumhouse, Portland, April 23, 3 P. M., as previously reported:

Parker-Schram Co., Couch Building, Portland.

Kuckenberg-Wittman Co., 226 Board of Trade Bldg., Portland.

Gilpin Const. Co., 503 Henry Bldg., Portland.

Columbia Contr. Co., 44 SE Salmon, Portland.

Pacific Building Materials Co., 411 N Thompson St., Portland.

United Contr. Co., Stock Exchange Bldg., Portland.

Newport Const. Co., 315 Governor Bldg., Portland.

P. L. Crooks & Co., Henry Building, Portland.

Guthrie - McDougall Co., Sherlock Bldg., Portland.

Hauser Const. Co., Multnomah Hotel, Portland.

Kern & Kibbe, 42 SE Salmon, Portland.

J. F. Shea, 211 Henry Bldg., Portland.

Joplin & Eldon, P. O. Box 5686, Kenton Station, Portland.

Lindstrom & Feigenson, 7993 NE Halsey, Portland.

Meyers Contr. Co., Governor Bldg., Portland.

Oregon Bridge & Dredging Co., Board of Trade Bldg., Portland

Portland Dredging Co., Lewis Bldg., Portland.

E. J. Gyesdhal, 719 White Building, Seattle.

General Const. Co., 3840 Iowa St., Seattle

Winston Bros., 4580 Colorado Street, Seattle.

Hart Const. Co., 711 Middle Waterway, Tacoma

Tacoma Dredging Co., Tacoma

Nelson & Hibbard, 5105 North [illegible], Tacoma.

Clifton & Applegate, Hutton Building, Spokane.

Siems Spokane Co., Realty Bldg Spokane.

J. A. Terteling & Sons, 511 Sound Blvd., Spokane.

Max Kuney, Hutton Bldg., Spokane

J. T. McLellan, 974 Main St., Melrose Highlands, Mass.

L. A. Wilson & Co., Ottawa, Ill.

Orino, Bell & Malcom, Bonner [illegible]

Morrison-Kundsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho

Von der Hellen & Pierson, Medford, Oregon.

F. J. Kernan, Faloma, Oregon.

Utah Const. Co., 705 First National Bank Bldg., Ogden.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—Transbay Constr. Co., Pier 24, San Francisco, at $3,219,965 awarded contract by the Public Utilities Commission, City Hall, for the enlargement of the O'Shaughnessy Dam by the construction of an addition to the existing dam, for the purpose of increasing the capacity of the Hetch Hetchy Reservoir. The addition will raise the crest of the dam by 85.5 feet from elevation 3726.5 to elevation 3812. Construction of a new spillway, installation of new outlet control valves and spillway gates, clearing of the reservoir area between the present and future high water surface elevations, road and trail construction, and other appurtenances and incidental work are included in the required work.

COMPLETE BID LISTING

FORT PECK, Montana — Addison Miller, Inc., and Fielding & Shepley, 1111 Builders Exchange Bldg., St. Paul, Minn., at $3,985,423.50 submitted low bid and awarded contract by U. S. Engineer Office, Kansas City, Mo., April 4, for furnishing all labor and materials and performing all work for construction of spillway gate structure and appurtenant works for the Fort Peck Dam, Federal Project No. 5.2-30/70.

Complete bids follow:

Addison Miller, Inc. and Fielding & Shepley, St., Paul, $3,985,423.50.

Spillway Builders, Inc., Kansas City, Mo., $4,387,426.

Frazier-Davis Constr. Co. and G. L. Tarlton, St. Louis, Mo., $4,779,-085.50.

Six Companies of Washington, Inc., San Francisco, $5,174,776.50.

A. S. Schulman Electric Co., Chicago, (Partial bid Items 78 to 95), $175,693.90.

COMPLETE BID LISTING

PORTLAND, Oregon — S. Morgan Smith, York, Pa., at $1,135,329 submitted low bid to U. S. Engineer Office, Customhouse, Portland, April 5, under Bid No. 698-35-513, for furnishing turbines and governing equipment as follows:

SCHEDULE I—Two 60,000-hp. turbines.

SCHEDULE II—Governing equipment for 60,000-hp. turbines

SCHEDULE III—One 5000-hp. turbine

SCHEDULE IV—Governing equipment for 5000-hp. turbine.
SCHEDULE V—Two 60,000 and one 5,000-hp. turbine and governing equipment.

Complete bids follow:
S. Morgan Smith, York, Pa., (1) $1,007,345; (2) $71,182; (3) $51,892; (4) $9910; (5) $1,135,329; turbines f.o.b. York, Pa.; governing equipment f.o.b. Rockford, Ill.
Allis-Chalmers Mfg. Co., Milwaukee, Wis.: (1) $1,122,300; (2) $70,642; (3) $74,947; (4) $10,030; (5) $1,270,319; turbines f.o.b. Milwaukee; governing equipment f.o.b. Rockford, Ill.
Baldwin-Southwark Corp., Eddystone, Pa.: (1) $1,085,212; (2) $72,300; (3) $67,286; (4) $9680; (5) $1,234,478; turbines f.o.b. Eddystone; governing equipment f.o.b Rockford, Ill.

Bids held under advisement.

CONTRACT AWARDED

BONNEVILLE, Ore.—Pacific Car & Foundry Co., White Bldg., Seattle, at $107,320 awarded contract by the U. S. Engineer Office, Customhouse, Portland, under Bid No. 35-457, for furnishing and installing one derrick, three valve chamber unwatering gates, and 50 stop logs for the Bonneville Dam.

31 — PIPE LINES & WELLS

PROJECT APPROVED

SANTA CLARA, Santa Clara Co., Cal.—SERA has approved appropriation of $1714 for laying clay sewer pipe on Reed Street in the City of Santa Clara. Project will be supervised by George L. Sullivan, and will employ 30 laborers.

CONTRACT AWARDED

SANTA CLARA CO., Cal.—Camp & Budlong Machine Works, 1849 Monterey Road, San Jose, at $6,530.86 was awarded contract by the Santa Clara Valley Water Conservation District, San Jose, for the construction of two pumping plants, Lester & Doetch replacements. Work includes furnishing and installing three deep well type pumps, including motors and wiring, construction of steel supporting towers and metal pump houses; PWA Project No. 6051.

BIDS WANTED.

OGDEN, Utah—Until May 2, 10 A. M., bids will be received by the Bureau of Reclamation, Ogden, Utah, under Spec. No. 622, for the construction of the Odgen Canyon Conduit, Ogden River Project, Utah. The work is located near Odgen.

The work involves:
(1) 50,000 cu. yds. all classes excavation for trenches for wood stave pipe;
(2) 300 cu. yds. excavation for tunnel enlargements;
(3) 25,000 sta. cu. yds. overhaul;
(4) 13,450 cu. yds. compacted back fill;
(5) 51,200 cu. yds. back fill over pipe;
(6) 125 cu. yds. concrete;
(7) 500 cu. yds. rubble masonry;
(8) Removing 17,670 lin. ft. old 72-in. diam. wood stave pipe;
(9) Placing 12,500 lbs. reinforcement bars;
(10) Furnishing and erecting wood staves and metal tongues for 27,128 lin. ft. of 75-in. diam. continuous wood-stave pipe;
(11) Furnishing wood staves and metal tongues for 792 additional lin. ft. 75-in. diam. continuous wood stave pipe;
(12) Furnishing and placing 90,335 metal bands, including metal shoes, for 75-in. diam. continuous wood stave pipe;
(13) Furnishing 1254 additional metal bands, including metal shoes, for 75-in. diam. continuous wood stave pipe;
(14) Furnishing and placing 140 timber cradles for 75-in. diam. continuous wood stave pipe;
(15) Furnishing and installing 15 manhole saddles;
(16) Furnish and install 48 8-in. and 6-in. diam. saddle castings.

Plans and specifications obtainable from the Bureau of Reclamation, at Odgen, Utah; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $1.50, not returnable.

BIDS OPENED

SUNNYVALE, Santa Clara Co., Cal.—Western Well Drilling Co., Ltd., 522 W. Santa Clara St., San Jose, at $3486 submitted low bid to the Public Works Officer, 12th Naval District, 100 Harrison St., San Francisco, under Spec. No. 1906, for repairs to wells "A" and "B" at the Sunnyvale Naval Air Station, Mountain View.

The work includes removal of one motor-driven deep well pump, 8-inch water column, suction pipe and strainer at Well "A"; repairs to Well "B" casing by swedging; bailing out sand at bottom of wells; development of Well "B"; obtaining samples of water at various water-bearing strata for making tests; plugging of well casings at undesirable strata; and the restoration of motor-driven deep well pumps, 2-in. water columns, suction pipes and strainers, complete, ready for operation of wells.

The wells are 1000 feet gravel envelope type composed of two-ply "California" casings.

Bids were taken as follows:
(1) Work complete.
(2) Addition per cu. ft. for neat cement for plugging the wells from the bottom.
(3) Addition for plugging intermediate sections of the wells as follows:
(a) Each cu. ft. of sand placed or removed.
(b) Each cu. ft. of neat cement placed.
(c) Each lin. ft. of cement core bored out of casing.
(d) Each lin. ft. of casing liner.
(4) Additional for each additional casing swedging, including liner;
(5) Additional for each cu. ft. of gravel placed in annular space outside casing.

Complete bids follow:
Western Well Drilling Co., Ltd.: (1) $3486; (2) $2.40; (3a) 60c; (3b) $2.20; (3c) $4.00; (d) $3.60; (4) $162 (lump sum; (5) 10c.
J. M. Ough, Oakland: (1) $5560; (2) $2.00; (3a) $2.50; (3b) $2.00; (3c) $5.00; (3d) $3.64 for 9-in. No. 12 Dbl., $4.55 for 11-in. No. 12 Dbl; (4) $6.00 per ft.; (5) 50c.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SAN FRANCISCO.—Bids were opened by the Department of Public Works, City Hall, April 3, under Spec. No. 18,853, for reconstruction of a sewer on Cortes Avenue between Magellan Ave. and Taraval St., involving:
(1) 1 manhole to be reconstructed;
(2) 250 l.f. vitrified clay pipe sewer in place.

Complete bids follow:
Theo. Cohn, 645 Russ Building, San Francisco: (1) $35; (2) $2.85.
E. J. Treacy, San Francisco, (1) $45; (2) $3.40.
Chas. L. Harney, San Francisco, (1) $50; (2) $3.55.
R. S. Silverberg, San Francisco, (1) $89; (2) $4.69.

Bids held under advisement.

PREPARING PLANS

SAN FRANCISCO.—Plans for a sewage disposal plant, cost of which is estimated at approximately $750,000, are being prepared by City Engineer John J. Casey. The plant will be erected on a site in Golden Gate Park tentatively approved by the Park Commission, Director of Public Works W. H. Worden and Dr. J. C. Geiger, Director of Public Health. The project is a portion of the city's $2.62 PWA-financed program of construction of sewers and disposal facilities.

BIDS WANTED.

SAN FRANCISCO—Department of Public Works, S. J. Hester, Chief Deputy Director, plans to construct (expediency) sewers and appurtenances in La Grande between Mansfield and Felton; Burrows bet. Mansfield and Knox; Mansfield bet. Burrows and La Grande, and in Felton between La Grande and Knox, and construction of a temporary connection at Knox and Burrows. Estimated cost, $2980. Spec. No. 15,854.

The work involves:
(1) 365 lin. ft. 8-in. V.C.P. sewer in place;
(2) 465 lin. ft. 12-in. V.C.P. sewer in place;
(3) 10 wye branches in place, 8-in x 6-in.;
(4) 25 12-in. 6-in. wye branches in place;
(5) 5 brick manholes, complete;
(6) 1 lamphole complete.

COMPLETE BID LISTING

STOCKTON, San Joaquin Co., Cal.—John Pestano and John F. White, 3214 E-12th Street, Oakland, at $3,122.88 submitted low bid to Stockton City Council April 8, for construction of a sanitary sewer main in F St. from the Linden Rd. South to Miner Ave. and in Miner Ave. from F St. easterly to the east city limits.

Complete bids follow:
John Pestano and J. F. White, Oakland $3,122.88
Loisal Const. Co., Stockton.... 3,487.20
O. G. Ritchie, San Jose..... 3,562.20
J. M. Calhau and J. F. Ponte, Oakland 3,598.60
F. Kaus, Stockton 3,751.44
Fredrickson & Watson Const. Co., Oakland 4,260.00

Bids referred to the city manager.

CONTRACT AWARDED.

SAN FRANCISCO.—Theo. Cohn, 645 Russ Bldg., awarded contract by the Department of Public Works, City Hall under Spec. No. 18,853 for reconstruction of a sewer on Cortes Ave. between Magellan Ave. and Taraval St.

The bid was:
(1) 1 manhole to be reconstructed, $35
(2) 250 l.f. vitrified clay pipe sewer in place, $2.85.

33— WATER WORKS

BIDS OPENED.

SAN FRANCISCO. — Peter J. McHugh, 263 Valencia St., at $82,961.27 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,841 for installing Section A of the Marina District Extension, Auxiliary Water Supply System for Fire Protection.

The work involves:

Cast Iron Pipe and Special Castings In Place

(1) 46 l.f. 18-in. Class E bell and spigot, lugged;
(2) 876 l.f. 14-in. Class F bell and spigot, plain;
(3) 60 l.f. 14-in. Class F bell and spigot, lugged;
(4) 173 l.f. 14-in. Class E bell and spigot, plain;

(5) 36 l.f. 14-in. Class E bell and spigot, lugged;
(6) 5552 l.f. 12-in. Class H bell and spigot, plain;
(7) 312 l.f. 12-in. Class H bell and spigot, lugged;
(8) 7755 l.f. 12-in. Class G bell and spigot, plain;
(9) 936 l.f. 12-in. Class G bell and spigot, lugged;
(10) 3009 l.f. 12-in. Class F bell and spigot, plain;
(11) 348 l.f. 12-in. Class F bell and spigot, lugged;
(12) 175 l.f. 8-in. Class H bell and spigot, lugged;
(13) 201 l.f. 8-in. Class G bell and spigot, lugged;
(14) 150 l.f. 8-inch Class F bell and spigot, lugged;
(15) 30 l.f. 8-inch Class E bell and spigot, lugged;
(16) 34 10-in. gate valves, reconditioned (not in place);
(17) 1 16-in. gate valve, in place;
(18) 3 12-in. gate valves, in place;
(19) 40 10-in. gate valves, in place;
(20) 40 8-in. gate valves, in place;
(21) 40 standard hp. hydrants, in place

Note: Items 1 to 21, inclusive, Cast Iron Pipe, Valves, Hydrants and Special Castings, will be furnished by the city.

(22) 97,027 lbs. pig lead, furnished and delivered;
(23) 7353 lbs. cast steel special castings, furnished and delivered;
(24) 53,228 lbs. cast iron special castings, furnished and delivered;
(25) 36,948 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed;
(26) 52,479 pounds wrought iron bolts, nuts and washers, furnished and placed;
(27) 1833 lbs. reinf. steel, furnished & placed;
(28) 50 c.y. Class B concrete in place;
(29) 10,050 c.y. excavation and backfill;
(30) 48,427 sq. ft. asphalt-conc. pavement (2x6-in.) Class F concrete;
(31) 640 sq. ft. concrete sidewalk (1 course);
(32) 25 c.y. crushed rock, furnished and placed;
(33) 60 tons bell and spigot pipe or double spigot pipe, without lugs, in Classes C to H inc. and in nominal diameters of 8- to 18-in. inclusive;
(34) 7 tons bell and spigot pipe or double spigot pipe, with bolting lugs, do.

Note: Items 22 to 34 inclusive; all materials, including pipe, shall be furnished by the contractor.

Total bids follow:

(A)	Peter J. McHugh	$ 83,961.27
(B)	Eaton & Smith	86,661.79
(C)	Lowrie Paving Co.	87,316.06
(D)	Chas. L. Harney	87,604.30
(E)	Peninsula Paving Co.	98,607.10
(F)	Pacific Pavements Co.	104,368.00

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$3.00	$2.84	$7.25	$3.00	$4.00	$3.50
(2)	2.50	2.14	.85	1.80	2.50	2.16
(3)	2.75	2.14	6.00	2.00	2.70	2.24
(4)	2.50	2.14	1.00	1.80	2.50	2.12
(5)	2.75	2.14	7.30	2.00	2.70	2.2
(6)	2.03	2.00	1.10	1.70	2.20	2.08
(7)	2.30	2.00	2.60	1.80	2.40	2.16
(8)	2.03	2.00	1.05	1.70	2.20	2.04
(9)	2.30	2.00	1.75	1.80	2.40	2.13
(10)	2.03	2.00	.85	1.70	2.20	2.05
(11)	2.30	2.00	2.25	1.80	2.40	2.21
(12)	1.75	2.50	1.20	2.00	1.80	1.05
(13)	1.75	2.50	1.20	2.00	1.80	1.05
(14)	1.75	2.50	1.20	2.00	1.80	1.05
(15)	1.75	2.50	2.00	2.00	1.80	1.05
(16)	19.50	30.00	30.00	30.00	30.00	31.41
(17)	15.00	68.00	20.00	50.00	20.00	15.00
(18)	20.00	45.00	15.00	30.00	15.00	12.50
(19)	18.00	39.00	15.00	25.00	15.00	12.50
(20)	10.00	32.00	10.00	20.00	5.00	10.00
(21)	19.00	38.00	12.50	35.00	12.00	15.00
(22)	.04	.039	.05	.0395	.04	.04
(23)	.20	.20	.21	.20	.20	.20
(24)	.05	.05	.06	.05	.05	.05
(25)	.06	.055	.07	.06	.065	.08
(26)	.0825	.10	.11	.09	.10	.11
(27)	.05	.05	.05	.05	.05	.05
(28)	20.00	23.00	22.50	20.00	20.00	40.00
(29)	1.25	1.25	2.00	2.00	2.00	2.70
(30)	.18	.18	.10	.20	.25	.25
(31)	.20	.15	.15	.20	.20	.12
(32)	3.00	2.00	3.00	3.00	3.00	3.00
(33)	50.00	50.00	48.50	48.50	48.00	48.50
(34)	60.00	60.00	58.50	58.50	58.00	58.50

Bids referred to the city engineer and the PWA engineer.

BIDS OPENED

SAN FRANCISCO—M. Greenberg's Sons, 765 Folsom St., San Francisco, at $66.92 each submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1349, for furnishing 100 low pressure fire hydrants with 5-in. gate valves.

Complete bids follow:

M. Greenberg's Sons	$66.92
United Iron Works	68.00
General Engr. & Dry Dock Co.	73.00
Rich Mfg. Co.	84.85

Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO. — San Francisco Water Department, at $10,331.50 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1352 for furnishing gate valves as follows:

PROPOSAL A

(1) 400 6-in. gate valves;
(2) 50 12-in. gate valves;
(3) 35 16-in. gate valves.

PROPOSAL B

Combination of Items (1) (2) and (3).

Complete bids follow:

San Francisco Water Department: Proposal A: (1) $5,624; (2) $2,222.50; (3) $2,485; Proposal B, $10,331.50.

M. Greenberg's Sons, San Francisco: Proposal A: (1) $6,765; (2) $2,296; (3) $2,683.45; Proposal B, $11,744.45.

General Engineering & Dry Dock Co. San Francisco: Proposal A: (1) $8,917.50; (2) $2,206.25; (3) $2,627.84; Proposal B: $13,594.06.

Rich Mfg. Co., Ltd., San Francisco: Proposal A: (1) $10,120; (2) $4,185; (3) $5,802.30; Proposal B, $17,088.85.

Identical bids at: Proposal A: (1) $10,120; (2) $4,185; (3) $5,802.30; Proposal B: $20,107.30, were submitted by the following: Crane Co., Kennedy Valve Mfg. Co., Iowa Valve Co., Jenkins Bros., and the Chapman Valve Mfg. Co.

The Kennedy Valve Mfg. Co. and the Iowa Valve Co. quoted discount of 2% 30 days from shipment.

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until April 17, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,842 for installing Section B of the Marina District extension to the Auxiliary Water Supply system for Fire Protection. Est. cost, $30,000.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 390 l.f. 14-in. Class H double spigot, lugged, laid i the ground;
(2) 490 l.f. 14-in. do, suspended under pier in hangers;
(3) 420 l.f. do, installed on brackets on side of quay wall;
(4) 890 l.f. 10-in. do, laid in ground;
(5) 143 l.f. 8-in. Class H bell and spigot, lugged, laid in ground;
(6) 2 12-in. gate valves, in place;
(7) 1 10-in. do;
(8) 4 8-in. do;
(9) 1 12-in. check valve with by-pass piping, in place;
(10) 4 standard hp. hydrants, painted, in place;
(11) 1 std. fire boat dock manifold, in place.

(NOTE: Items 1 to 11, inclusive, cast iron pipe, gate valves, check valve hydrants, fire boat manifold and special castings, will be furnished by the city

(12) 19,600 lbs. pig lead furnished and delivered,
(13) 13,326 lbs. standard high pressure system cast steel special casting furnished and delivered,
(14) 1816 lbs. do;
(15) 2575 lbs. special cast steel cast lugs furnished and delivered,
(16) 2662 lbs. cast iron valve boxes and manhole covers, frame and dust pans, furnished and placed,
(17) 30,000 pounds wrought iron bolts, nuts and washers, furnished & placed;
(18) 31,000 lbs. galv. wrought iron do
(19) 31 lbs. reinf. steel, furnished and placed;
(20) 8 c.y. Class B concrete in place;
(21) 846 c.y. excavation and backfill,
(22) 3852 sq. ft. asphalt-conc. pavement (2—6-in.) Class F conc.;
(23) 64 sq. ft. Concrete sidewalk (one course);
(24) 2 c.y. crushed rock, furnished and placed;
(25) 2 sets 16-in. pipe hangers, complete, in place;
(26) 80 sets 14-in. do;
(27) 1 12-in. gate platform, complete, in place;
(28) 1 12-in. gate bracket, do;
(29) 1 12-in. check valve bracket, complete, in place;
(30) 70 No. 1 wall brackets for 14-in. pipe, complete, in place;
(31) 2 No. 2 wall brackets do;
(32) 9 tons bell and spigot pipe and or double spigot pipe, Class H with lugs, in nominal diameters of 8- to 14-in. inclusive.

(NOTE: Items 12 to 32 inclusive: all materials, including pipe, shall be furnished by the contractor.)

Plans and specifications obtainable at Room 351, City Hall, upon cash deposit of $10.00.

PURCHASE PLANNED

COALINGA, Fresno Co., Calif.—The City plans to purchase pipe estimated to cost $7,500, for extension of water service. Work is to be done by SERA labor.

BIDS OPENED

PACIFIC GROVE, Monterey Co. Cal. —Following bids received by the Pacific Grove City Council, Elgin C. Hurlbert, City Clerk, for furnishing water filters and boiler:

FILTER

Strout-Steffens Co., San Francisco, $1,870.

California Filter Co., San Francisco, $1,975.

A. C. LoPrest, San Francisco, $2,162.

BOILER

Barton Oil-O-Matic Co., Monterey, Gas, $896; Oil, $1,145.

Knittle Bros., San Francisco: Gas, $1,490; Oil, $1,231.

Ed Simpson, Pacific Grove: Gas, $1,603; Oil, $1,355.

Bids held under advisement until April 9, 8:15 P. M.

BONDS VOTED

NORTH SACRAMENTO, Cal.—City Council has voted to ask acceptance of revenue bonds in lieu of general obligation bonds as security for the loan portion of a $132,000 allocation of PWA funds for construction of a municipal water system. City Attorney A. M. Mull Jr., has been authorized to negotiate with PWA officials for an amended agreement.

BIDS OPENED

BONNEVILLE DAM, Oregon—Parker-Schram Co., 515 Couch Bldg., Portland, at $39,819.23 submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, April 5, under Bid No. 698-35-535, for the excavation and backfill of electric cable trenches; the excavation and backfill

for, and the construction of reinforced concrete walks, curbs, gutters, manholes, catchbasins, transformer vaults, handhole boxes and plain concrete bases for lamp standards; a storm drainage pipe system, and a complete lawn sprinkling system at or near the Permanent Quarters Area at Bonneville Dam, Oregon.

Complete bids follow:

Parker-Schram Co., Portland, $39,-819.23.

Ek & Lind, Portland, $41,084.82.

United Contracting Co., Portland, $44,200.50.

F. J. Gregoirie and R. C. Kenney, Portland, $45,880.18.

Kuckenberg Wittman Co., Inc., Portland, $46,038.70.

Engineer's Estimate, $57,999.27.

Bids held under advisement.

34— PARKS & PLAY-GROUNDS

WROUGHT IRON CONTRACT AWARDED

SANTA ROSA, Sonoma Co., Cal.—The Santa Rosa Foundation awarded a contract to the Sterling Lbr. Co., Santa Rosa, for furnishing wrought iron for the playground development at the Howarth Memorial Playground, Santa Rosa.

Bids on wire fencing, tennis court paving, etc., are in and will be awarded shortly. Cost of improvements is estimated at $20,000.

BIDS WANTED

SUSANVILLE, Lassen Co., Calif.—The Susanville 20-30 Club is taking bids for furnishing fencing, lumber, and surfacing materials to be used in construction of two tennis courts.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Viking Automatic Sprinkler Co., 11 Sansome St., San Francisco, at $31,-427 submitted low bid to Stockton Port Commission for furnishing and installing underground piping, valvese, fire hydrants and sprinklers for a sprinkler system to sprinkle 195,000 square feet in area. Complete bids follow:

Viking Automatic Sprinkler Co., San Francisco, $31,427.

Grinnell Co. of the Pacific, San Francisco, $31,960.

Rockwood Sprinkler Co., San Francisco, $32,330.

James H. Pinkerton, San Francisco, $34,200.

BID OPENING POSTPONED

VALLEJO, Solano Co., Cal.—Until April 15, 12 Noon (date postponed from April 10) bids will be received by the Custodian, U. S. Post Office, Vallejo, for sprinkler system at the Post Office, Vallejo.

BIDS OPENED

VALLEJO, Solano Co., Cal.—Pratts Nursery, Vallejo, at $333 submitted low bid to Custodian, U. S. Post Office, Vallejo, for landscaping grounds at the Post Office, Vallejo. Complete bids follow:

Pratts Nursery, Vallejo $333.00

Pacific Nursery, Colma..... 499.10

California Nursery, Niles..... 649.00

Bids held under advisement.

35— TUNNELS

CONTRACT AWARDED

MARIPOSA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $16,800 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for constructing a gunite lining in the unlined portions of the Wawona Tunnel, Section A5 of Route 2, the Wawona Road, Yosemite National Park, Mariposa County.

29—STREETS AND HIGHWAYS

BIDS OPENED.

YOLO COUNTY, Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $29,414.50 submitted the low bid to State Highway Commission, Sacramento, for about 0.6 mile in length to be graded, the present pavement to be widened with crusher run base, and plant mixd surfacing (medium curing type) to be constructed over the existing pavement and the crusher run base, in Yolo County, in the City of Woodland, between the south city limits and Main Street.

The work involves:

(1) 5 each trees removed and disposed of;
(2) 130 M. gals. water;
(3) 4,300 c.y. rdwy. excav., unclass.;
(4) 4,200 c.y. imported borrow;
(5) 350 c.y. struc. excav.;
(6) 2,000 tons crusher run base;
(7) 2,600 tons mineral aggregate (plant mixed surfacing);
(8) 135 tons liquid asphalt MC-4 or MC-5 (plant mixed surfacing);
(9) 12 tons liquid asph. MC-2 (prime coat);
(10) 12 tons do MC-3 (seal coat);
(11) 105 tons stone screenings (seal coat);
(12) 50 c.y. Class A Portland cement concrete (track pavement);
(13) 18,000 lbs. bar reinf. steel (structures and track pavement);
(14) 7 c.y. Class A Portland cement concrete (structures);
(15) 30 l.f. 8-in. CMP;
(16) 576 l.f. 12-in. CMP;
(17) 40 l.f. 24-in. perforated metal pipe (sumps);
(18) 260 c.y. Class A Portland cement concrete (curbs and gutters);
(19) 6,200 sq. yds. paint binder;
(20) 30 c.y. asphalt concrete removed from existing pavement and disposed of;
(21) 100 c.y. salvaged macadam sidewalks;
(22) 6 each cast steel frames and covers for drop inlets.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $29,414.50.
(B) A. G. Raisch, San Francisco, $31,-785.64.
(C) Chas. L. Harney, San Francisco, $33,333.33.
(D) Lee J. Immel, Berkeley, $33,654.50
(E) Hemstreet & Bell, Marysville, $34-879.40.
(F) Ransome Co., Emeryville, $35,-592.11.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$10.00	$5.00	$6.00	$4.00	$20.00	$10.00
(2)	1.25	1.00	2.50	2.00	1.25	1.84
(3)	.50	.48	.57	.40	.60	.89
(4)	.90	1.00	1.15	1.25	1.40	1.33
(5)	1.25	.70	1.50	1.00	1.50	1.00
(6)	2.10	2.50	2.60	2.70	2.45	2.74
(7)	3.30	4.00	3.30	3.80	3.50	3.63
(8)	16.00	14.00	18.75	20.00	20.00	18.44
(9)	25.00	27.00	30.00	28.00	20.00	29.45
(10)	25.00	29.00	30.00	25.00	20.00	29.45
(11)	2.50	3.20	3.00	3.00	3.00	3.96
(12)	10.00	9.80	10.75	18.00	12.50	10.44
(13)	.045	.045	.06	.04	.06	.045
(14)	22.00	19.80	46.00	22.00	30.00	21.95
(15)	1.00	1.12	1.05	1.25	1.25	.95
(16)	1.25	1.44	1.33	1.25	1.40	1.16
(17)	3.10	3.30	4.20	4.20	2.00	2.85
(18)	15.00	13.65	20.00	15.00	17.00	14.97
(19)	.02	.025	.03	.02	.04	.03
(20)	2.00	5.30	2.50	3.00	3.00	2.50
(21)	4.00	3.13	2.50	1.00	3.00	3.18
(22)	35.00	34.00	35.00	35.00	40.00	40.40

NO BIDS RECEIVED

SISKIYOU COUNTY, Cal.—No bids received by the State Highway Commission, Sacramento, on a contract for about 12.5 miles grading in Siskiyou County, between Cougar and Horse Thief Creek.

The work involves:

(1) 65 acres clearing and grubbing right of way inside slope lines;
(2) 130 acres clearing highway right of way outside slope lines;
(3) 200,800 c.y. rdwy. excav., unclass.
(4) 937,000 sta. yds. overhaul;
(5) 800 c.y. ditch and channel excav.
(6) 88,000 c.y. imported borrow;
(7) 900 c.y. struct. excav.;
(8) 659 sta. finishing rdwy.;
(9) 11,600 lbs. bar reinf. steel (struc.)
(10) 162 c.y. Class A Portland cement concrete (structures);
(11) 76 l.f. 12-in. CMP;
(12) 1,116 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 108 l.f. 48-in. CMP;
(16) 40 l.f. 60-in. CMP;
(17) 92 each monuments complete in place.

CONTRACT AWARDED

HUMBOLDT COUNTY, Nevada—Nevada Rock & Sand Co., Inc., 949 E. 4th St., Reno, at $68,175.99 submitted low bid and awarded contracts by the Nevada State Highway Directors, Carson City, for the construction of a portion of the State Highway System in Humboldt County, between Toll House and Paradise Hill, Route 8, Section B, a length of 12.21 miles.

Peninsula Paving Co., Fallon, at $69,989.54 submitted second low bid.

Complete bids will be published shortly.

CONTRACT AWARDED

WASHOE COUNTY, Nevada.—Fredrickson & Watson Const. Co., 873 81st Ave., Oakland, at $97,864.61 submitted low bid and awarded contract by the Nevada State Highway Directors, Carson City, for the construction of a portion of the State Highway System in Washoe County, between 10 miles north of Reno and Pyramid Lake, a length of 22.5 miles, NRS Project 123-B (1935).

Peninsula Paving Co., Fallon, at $100,140.61 submitted second low bid.

Complete bids will be given shortly.

CONTRACT AWARDED

SAN FRANCISCO.—Bayshore Const. Co., 255 Bay Shore Blvd., awarded the contract at bid prices by the Department of Public Works, City Hall, for the improvement of Fitzgerald Ave. between Jennings St. and Third St., including the crossing of Fitzgerald Ave. and Keith St., by grading to official line and subgrade.

PROJECT APPROVED

SAN FRANCISCO — SERA has approved a supplemental appropriation of $6825 providing supervisory labor for the Lake Mercer Blvd. Project. Unit No. 3. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ one office assistant, one carpenter foreman, 10 labor foremen, one chief or part engineer, one transitman, one draftsman and engineer, 2 chainmen, and one rodman.

PROJECT APPROVED

SAN FRANCISCO — SERA has approved a supplemental appropriation of $4518 providing supervisory labor for the O'Shaughnessy Blvd. Project. Unit No. 1. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ one office assistant, one blasting foreman, 5 labor foremen, one transitman, one draftsman and engineer, 2 chainmen and one rodman.

BIDS OPENED.

KLAMATH COUNTY, Ore.—J. C. Compton, McMinnville, Ore., at $89,581.60 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 310 New Postoffice Bldg., Portland, for improving the Crater Lake National Park, East Entrance, Lost Creek Ranger Station-Kerr Notch Sec.; Rim Rd.-Lodge-Diamond Lake Rd., Junction; No. Entrance Lake Road Junction, North Entrance, Project PEC-5-C2, B bituminous surfacing, and PEC-7-A and 8 bituminous surfacing, National Park Project, located within the Crater Lake National Park, Klamath County, Oregon.

The length of the project is approximately 4.558 miles (PEC-5-A2, B) and 13.733 plus 0.817 Parking Areas (PEC-7-A and 8).

Complete bids follow:

J. C. Compton, McMinnville	$89,581.60
Newport Const. Co. and Kern & Kibbe, Portland	91,829.10
Joplin & Eldon, Portland	97,412.40
Northwest Roads Co., Portland	103,367.00
Bable Bros., Portland	107,804.00

BIDS WANTED

COCHISE COUNTY, Arizona.—Until April 19, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Fort Huachuca-North Highway, NRS 103-A (1935) A F E 602. The work, which begins at the northeast corner of Fort Huachuca Military Reservation and extends northerly about 3¼ miles, consists of grading, draining and aggregate base course. The principal items and approximate quantities are:

21,600 c.y. roadway excavation;
5,000 c.y. drainage excavation;
8,400 c.y. imported borrow;
5,100 c.y. imported borrow, haul;
5,400 c.y. agg. base course, CIP;
144 c.y. Class A concrete;
11,000 lbs. reinf. steel;
130 l.f. 24-in. corru. metal pipe;
730 l.f. bank protection;
41 MBM treated timber;
3 MBM untreated timber;
1,136 l.f. treated timber piles;

ALTERNATE

46 MBM redwood timber.

Certified or cashier's check ... S. O'Connell, State Highway Engineer.

BIDS WANTED

PIMA COUNTY, Ariz.—Until April 16, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Florence Highway NRS 111-A (1935); AFE 8062. The work, which begins about ten miles north of Tucson and extends northerly for a distance of approximately six miles, consists of grading, draining, aggregate base course, and oil processing (road mix using road oil). The principal item and approximate quantities are:

3.5 miles grading rdwy. to section,
240 l.f. construct fords to section;
6,400 c.y. roadway excav.;
7,000 c.y. drainage excavation;
9,500 c.y. imported borrow;
12,000 c.y. mi. imported borrow, haul;
238 l.f. CM pipe;
17,000 l.f. new line fence;
850 l.f. road guard;
1,640 l.f. bank protection;
25 each steel jetty units;
2,600 c.y. aggregate base course;
5,700 c.y. mi. ABC, haul;
2,300 c.y. shoulder material, CIP;
6,400 c.y. mineral aggregate, CIP;
117,300 gals. road oil;
5.8 miles processing road mix;
500 c.y. screenings;

Certified or cashier's check 5% must accompany each proposal. T. S. O'Connell, State Highway Engineer.

BIDS WANTED

VENTURA CO., Calif.—Until May 2, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.06 mile grading and surfacing with plant mixed surfacing, medium curing type, in Ventura County at Harmon Barranca.

The work involves:

(1) 4 stations clearing and grubbing right of way;
(2) 550 M. gallons water;
(3) 27,000 c.y. imported borrow;
(4) 1,000 c.y. struc. excavation;
(5) 4 stations finishing rdwy.;
(6) 220 tons mineral aggregate (plant mixed surfacing);
(7) 12 tons liquid asphalt MC-5 or MC-extra heavy (do);
(8) 2 tons liquid asph. MC-28 (prime coat);
(9) 14,000 lbs. bar reinf. steel (struc.)
(10) 115 c.y. Class A Portland cement concrete (structures);
(11) 10 l.f. 18-in. CMP;
(12) 44 l.f. 24-in. CMP;
(13) 32 l.f. 30-in. CMP;
(14) 108 l.f. 36-in. CMP;
(15) 44 l.f. removing, cleaning and salvaging existing CMP culverts;
(16) 151 l.f. cleaning and relaying existing CMP culverts;
(17) 172 l.f. 135-in. multiplate CMP;
(18) 400 l.f. laminated timber guard railing;
(19) 2.5 M. ft. BM Douglas fir timber;
(20) 1 only removing existing bridge.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles, and the district in which the work is situated.

BIDS WANTED

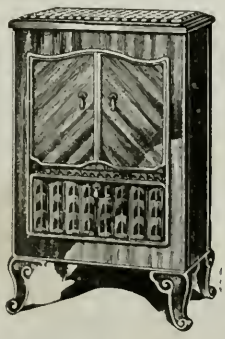
SACRAMENTO COUNTY, Calif.—Until May 1, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 2.1 miles grading and surfacing with crusher run base and armor coat applied, in Sacramento County between Ryde and ½ mile east of Steamboat Slough.

The work involves:

(1) 19,000 c.y. rdwy. excav., unclass.
(2) 550 c.y. ditch and channel excav.
(3) 270 c.y. struct. excavation;
(4) 166,500 station yards overhaul.
(5) 4,700 tons crusher run base;
(6) 910 tons screenings (armor coat).
(7) 22 tons liquid asphalt SC-1A (do).
(8) 46 tons liquid asphalt 90-95 (do).
(9) 460 M. gallons water;
(10) 192 l.f. 12-in. CMP;
(11) 322 l.f. 18-in. CMP;
(12) 20 l.f. irrigation pipe to be cleaned and relaid;
(13) 32 l.f. irrigation pipe to be removed and salvaged.
(14) 2 each 18-in. automatic drainage gates;
(15) 12 each culvert markers;
(16) 94 stations finishing rdwy.;
(17) 38 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

PRESSED METAL STAMPINGS
AUTOMATIC WIRE FORMING
Manufacturers of
Building and Construction Specialties
OUR REPRESENTATIVE WILL CALL
LARKIN SPECIALTY MFG. CO.
Since 1912
268 First Street — Tel. SUtter 8497



ATLAS

CONSOLE ROOM HEATERS

Attractively finished in grained walnut porcelain enamel, cabinet . . as beautiful as period furniture.

Now, you can heat your whole house with one fire. More convenient—less expensive than a separate heater in every room.

Circulates healthful, moist, warm air into every room. In a short time the whole house is heated to a comfortable temperature. Uniform temperature in every corner of the house.

Atlas Heating & Ventilating Co., Ltd.
EVERYTHING IN HEATING
557-567 FOURTH STREET
Phone DOuglas 0377
SAN FRANCISCO
1451 32nd STREET
Phone LAkeside 1266
OAKLAND

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until April 16, 4 P. M., bids will be received by the Stockton Port Commission, at the office of B. C. Allin, Secretary, located in Transit Sheds 6-7, at the Deep Draft Docks, Stockton, for building extensions to road and drainage systems and control gates together with the gate keeper's house.

Plans and specifications obtainable from the above office upon deposit of $20, which amount will be refunded upon return of the plans and specifications if accompanied by a bid. If plans and specifications are returned not later than ten days after opening of bids, unaccompanied by a bid, $10 will be refunded.

COMPLETE BID LISTING

OWHEE PROJECT, Oregon - Idaho. —J. A. Terteling & Sons 2232 Fairview Ave., Boise, Idaho, at $9740 submitted low bid, as previously reported, to the Bureau of Reclamation, Ontario, Ore., March 28, under Spec. No. 669-D, for the construction of earthwork and structures, Kingman Main Drain and Kingman Drain 2.23, Mitchell Butte Division, Owyhee Project, near Adrian, Oregon. Complete bids follow:

J. A. Terteling & Sons, Boise, $9740.

Flaherty & Co., Spokane, Wash., $11,-683.90.

Haas, Doughty & Jones, San Francisco $12,148.

George B. Henly, Nyssa, Oregon, $14,-301.50.

United Contracting Co., Portland, $18,918.30.

John Papin, Carson, Washington, $20,-188.40.

Engineer's Estimate, $14,010.

MODOC COUNTY—28.077 MI. SURFACING—(GOVT.)

MODOC COUNTY, Calif.—Peninsula Paving Co., 9 Main St., San Francisco at $69,431.20 submitted the low bid and recommended for award of contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing 28.077 miles of bituminous surface treatment (armor coat) on Section A of Route 11, the Lava Beds National Forest Highway, and Sections A and B of Route 12, the Howard Gulch National Forest Highway, Modoc National Forest, Modoc County.

The work involves:

(1) 410 c.y. unclass. excavation;
(2) 36 l.f. 8-in. CGMP;
(3) 1,368 l.f. 8-in. perforated do;
(4) 400 c.y. crushed rock or gravel backfill;
(5) 900 c.y. placing stockpiled crushed rock base course;
(6) 1,400 c.y. mi. hauling base course;
(7) 36 M. gals. watering;
(8) 78 tons liquid asphalt road material, Type MC-1;
(9) 12,750 tons crushed rock for bituminous surface treatment;
(10) 700 tons supplemental crushed rock screenings;
(11) 640 tons bituminous binder in place;
(12) extra work, construct barriers;
(13) extra work, maintenance of detours;
(14) 288 each 2x6-in. culvert markers in place.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $69,431.20.
(B) Dunn & Baker, Klamath Falls, Oregon, $69,910.10.
(C) C. F. Frederickson & Sons and H. Smith, Lower Lake, $74,885.90.
(D) Hein Bros. Basalt Rock Co., E. A. Forde and Sidney Smith, Petaluma, $79,623.60.
(E) J. A. Casson, Hayward, $79,882.50.
(F) A. Teichert & Son, Inc., Sacramento, $79,996.00.
(G) Hemstreet & Bell, Marysville, $89-992.00.
(H) Engineer's estimate, $65,160.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.50	$ 1.50	$ 1.00	$ 1.50	$ 1.00	$ 1.50	$ 3.50	$ 2.00
(2)	1.00	1.20	1.00	2.00	1.50	1.00	1.25	1.00
(3)	1.15	1.30	1.05	1.70	1.00	1.25	1.25	1.10
(4)	4.27	3.50	2.60	2.90	3.50	4.50	4.00	4.00
(5)	.60	.60	1.25	.50	.50	1.30	2.00	1.00
(6)	.12	.20	.20	.25	.10	.20	.25	.20
(7)	1.80	3.50	3.50	2.00	5.00	1.50	5.00	4.00
(8)	32.25	26.00	26.00	26.00	23.00	32.00	32.00	25.00
(9)	3.25	3.45	3.75	4.20	4.35	3.84	4.60	3.00
(10)	2.70	2.80	4.00	3.35	2.40	3.50	4.50	3.00
(11)	25.75	23.00	24.00	22.00	22.00	28.00	25.00	24.00
(12)	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
(13)	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
(14)	1.40	1.50	1.50	2.00	3.00	1.75	2.00	.75

SANTA CLARA COUNTY——COYOTE DAM——(DISTRICT)

SANTA CLARA COUNTY, Calif.—Peninsula Paving Co., 9 Main Street, San Francisco, at $388,362.50 submitted low bid to the Board of Directors of the Santa Clara Valley Conservation District, room 62, Grant Building, San Jose, for the construction of the Coyote Dam and Spillway on Coyote Creek in Santa Clara County.

The Coyote Dam, which will be the largest of five earth-fill dams being constructed by the district in the vicinity of San Jose and Los Gatos, will be a combination earth-fill, gravel-fill and rock-fill structure, 900 feet in length at the crest, and 120 feet in height, with a storage capacity of 30,000 acre-feet of water. The contract includes construction of a concrete spillway.

The work involves:

(1) Construction and maintenance of access road to dam, for lump sum of $5000;
(2) 45,000 cu. yds. foundation stripping below elevation 670;
(3) 150,000 cu. yds. all other stripping (except horrow pits);
(4) 10,000 cu. yds. cut-off trench excavation above elevation 670;
(5) 1200 cu. yds. backfilling, exploration tunnels and shafts;
(6) 875,000 cu. yds. earth-fill and gravel-fill embankment in place;
(7) 186,000 cu. yds. rock-fill in place
(8) 1200 cu. yds. concrete in outlet works, spillway weir, etc.;
(9) 2300 cu. yds. concrete lining in spillway;
(10) 235,000 lbs. reinforcing steel in place;
(11) 5500 lbs. structural steel in place
(12) 900 lin. ft. 50-in. steel outlet pipe, including wyes, in place;
(13) 150 lin. ft. 12-in. corrugated culvert;
(14) 4000 lin. ft. 12-in. half - round drain tile in place;
(15) Installation in outlet works of two sluice gates, two cast iron reducers, two butterfly valves, two discharge pipes, and all appurtenances, all furnished by the district;
(16) One bronze tablet, furnished and installed;
(17) One engineer's field office building, furnished and erected;
(18) Premium on 50% surety and 100% performance bonds.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $388,362.50.
(B) Macco Const. Co., Clearwater, $493,825.00.
(C) Bent Bros., Inc., Los Angeles, $495,535.00.
(D) W. A. Bechtel, San Francisco, $537,230.00.
(E) Fredrickson & Watson Const. Co., Oakland, $540,840.00.
(F) Morrison-Knudsen and MacDonald & Kahn Co., Ltd., San Francisco, $585,365.00.
(G) Mittry Bros. Const. Co., Los Angeles, $598,997.00.
(H) George Pollock Co., Sacramento, $626,150.00.
(I) A. Teichert & Son, Inc., Sacramento, $675,300.00.
(J) Engineer's estimate, $532,000.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$50000.00	$5000.00	$5000.00	$5000.00	$5000.00	$5000.00	$5000.00	$5000.00	$5000.00	$5000.00
(2)	.41	.60	.27	.75	.45	.60	1.00	.60	1.10	.60
(3)	.225	.25	.27	.40	.33	.28	.50	.20	.46	.35
(4)	.24	.60	.40	1.25	.23	.75	.25	.70	.50	.60
(5)	2.00	2.00	2.00	3.50	3.50	2.00	4.00	5.00	3.50	2.50
(6)	.18	.25	.26	.27	.305	.27	.28	.38	.35	.25
(7)	.54	.60	.68	.60	.67	.90	.70	.60	.75	.70
(8)	10.35	13.00	12.00	15.00	15.50	16.00	17.50	20.00	18.00	15.00
(9)	10.60	16.00	14.00	15.00	15.50	15.00	15.00	15.00	14.00	15.00
(10)	.04	.04	.04	.04	.04	.05	.042	.05	.045	.045
(11)	.09	.10	.08	.06	.06	.10	.10	.10	.10	.10
(12)	14.00	15.00	12.00	10.00	14.00	20.00	15.00	25.00	20.00	16.00
(13)	1.55	1.00	1.20	3.00	2.00	1.60	2.00	1.00	2.00	1.70
(14)	.47	.20	.40	.40	.25	.70	.50	.50	.50	.50
(15)	800.00	1000.00	600.00	800.00	500.00	1500.00	450.00	1000.00	1200.00	1000.00
(16)	90.00	75.00	85.00	100.00	75.00	100.00	125.00	100.00	75.00	100.00
(17)	300.00	200.00	300.00	350.00	250.00	175.00	350.00	500.00	350.00	250.00
(18)	5825.00	7500.00	7500.00	8250.00	7990.00	9000.00	8852.00	10,000.00	10,000.00	7920.00

Three low bids held under advisement.

SISKIYOU COUNTY—12.45 MI. SURFACING—(GOVT.)

SISKIYOU COUNTY, Calif. Peninsula Paving Co., 9 Main Street, San Francisco, at $34,703.50, submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing a bituminous surface treatment on 12.45 miles of Section C of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou Co.

The work involves:

(1) 3,200 tons crushed rock or gravel surface course;
(2) 5,150 tons crushed rock or gravel for bituminous surf. treatment;
(3) 600 tons supplemental crush. rock
(4) 260 tons bituminous binder;
(5) 120 tons liquid asphalt road material, MC-2 or MC-3;
(6) 18 tons liquid asphalt road material, SC-2;
(7) 41 M. gals. watering;
(8) 1.364 miles mixing and rolling;
(9) extra work, constructing barriers (estimate);
(10) extra work, maintenance of detours (estimate);
(11) extra work, repairing of existing surface (estimate);
(12) 146 2x6-in. culvert markers.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $34,703.50.
(B) Dunn & Baker, Klamath Falls, Oregon, $37,020.40.
(C) Hanrahan - Wilcox Corp., San Francisco, $42,752.00.
(D) A. Teichert & Son, Inc., Sacramento, $44,443.85.
(E) Hein Bros. Basalt Rock Co., Sidney Smith, and E. A. Forde, Petaluma, $45,087.50.
(F) Engineer's estimate, $40,770.60.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.85	$ 2.50	$ 1.80	$ 2.42	$ 3.15	$ 2.25
(2)	2.65	3.00	4.04	4.00	4.20	3.75
(3)	2.50	2.00	3.50	3.50	3.30	3.75
(4)	25.00	23.00	27.50	28.00	20.70	24.00
(5)	30.75	26.00	30.00	28.00	23.20	24.00
(6)	36.50	20.00	25.00	22.00	17.20	20.00
(7)	2.00	3.00	3.00	1.75	1.50	3.00
(8)	525.00	600.00	550.00	650.00	600.00	400.00
(9)	300.00	300.00	300.00	300.00	300.00	300.00
(10)	800.00	800.00	800.00	800.00	800.00	800.00
(11)	650.00	650.00	650.00	650.00	650.00	650.00
(12)	1.65	1.50	1.80	1.75	2.00	.75

Bids held under advisement.

BIDS OPENED.

SAN DIEGO COUNTY, Cal.—Peterson Bros., 239 W. Olive Ave., Inglewood, submitted low bid to the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, San Diego, April 9, at $8758.32 for tree planting and other improvement in San Diego county between Encinitas and Oceanside, a distance of 10.1 miles, highway roadsides to be planted, involving the furnishing and planting of trees, shrubs and other plants, rounding slopes, furnishing and placing top soil, fertilizer, drain tile and stakes, guide posts around planted areas, and removing and disposing of waste material. The items are as follows:

(1) 435 ground cover plants (Key No 1);
(2) 602 shrubs (Key No. 2);
(3) 348 trees (Key No. 3);
(4) 608 trees (Key No. 4);
(5) 291 shrubs (Key No. 5);
(6) 95 shrubs (Key No. 6);
(7) 10 trees (Key No. 7);
(8) 469 shrubs (Key No. 8);
(9) 2185 ground cover plants (Key No. 9);
(10) 45 shrubs (Key No. 10);
(11) 42 trees (Key No. 11);
(12) 20,000 Mesembryanthemum edule cuttings;
(13) 328 guide posts.

The total bids were:

(A) Peterson Bros., $8758.32.
(B) S. A. Cummings, San Diego, $9-835.60.
(C) Rexroth & Rexroth, Bakersfield, $12,211.80.

The unit bids were:

	(A)	(B)	(C)
(1)	$ .21	$ .25	$1.60
(2)	2.46	2.70	2.00
(3)	4.32	4.75	5.60
(4)	3.32	3.90	2.00
(5)	1.64	2.30	2.50
(6)	2.07	2.65	3.00
(7)	3.29	3.70	3.50
(8)	1.60	2.15	2.00
(9)	.08	.08	.50
(10)	1.78	2.25	3.00
(11)	2.92	3.40	7.00
(12)	.06	.06	.10
(13)	1.92	1.50	5.00

BIDS WANTED

NEVADA COUNTY, Cal. — Until April 23, 10:30 A. M., bids will be received by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, 7th and B Sts., Marysville, for 0.4 mile road-mix surfacing on West Main St. and East Main St. in Grass Valley, Nevada County. The work involves:

(1) 35 cu. yds. roadway excavation, unclassified;
(2) 75 cu. yds. structure excavation;
(3) 650 tons mineral aggregate (road-mix surfacing);
(4) 35 tons liquid asphalt, Mc-3 or Mc-4 (road-mix surfacing);
(5) 2600 lbs. bar reinforcing steel;
(6) 23 cu. yds. Class "A" Portland cement concrete (retaining wall and steps);
(7) 17 cu. yds. Class "A" Portland cement concrete (curbs);
(8) 6500 sq. yds. asphaltic paint binder.

Plans and specifications obtainable from the above office. * 29

PROJECT APPROVED

SAN FRANCISCO — SERA has approved a supplemental appropriation of $5591 providing supervisors labor for the Lake Merced Blvd. Project, Unit No. 2. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ one office assistant, one carpenter foreman, 10 labor foremen, one transitman, 2 chainmen and 1 rodman. *

BIDS OPENED

SACRAMENTO, Cal.—J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $3,161.93 submitted low bid to Sacramento City Council, H. G. Denton, city clerk, April 4, for the improvement of the south side of Fifth Ave. from 33rd St. to the alley first east of 35th St.

Complete bids follow:

J. R. Reeves, Sacramento	$3,161.93
Carl R. Fielder, Sacto.	3,285.50
H. L. Field, Sacramento	3,578.99
E. F. Hilliard, Sacramento	3,718.68
A. Teichert & Son, Sacto.	3,721.70

Bids held under advisement until April 11. *

BIDS OPENED

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $5,572.34 submitted low bid to the Public Utilities Commission, City Hall under S.F.W.D. Spec. No. 75, for relocation of the pipe line at Ocean View Gulch.

The work to be performed covers the removal of 1,266 l.f. of 36-in. diameter steel pipe from the Newark-San Lorenzo pipe line, located in Alameda County, transportation of said pipe to San Francisco, the repair to the coating, lining and wrapping to the said pipe, and the installation of approximately 1,218 l.f. of said pipe in San Francisco.

The work involves:

(1) removal and delivery of 36-in. pipe from Newark - San Lorenzo pipe line to San Francisco, 1,266 l.f.;
(2) repairing holes in 36-in. diameter pipe, 3 holes;
(3) fabrication of bends from 36-inch diameter steel pipe, 16 roundabout seams;
(4) fabrication of 36- and 30-in. reducers with nipples, 2 reducers;
(5) excavation of bell holes and backfill, 1218 l.f. of trench;
(6) installation of 36-in. diameter steel pipe, 1218 l.f. of pipe;
(7) installation of fittings, 500 lbs.;
(8) connections by San Francisco Water Dept., lump sum.

Total bids follow:

(A) Sibley Grading & Teaming Co., Ltd., San Francisco, $5,572.34.
(B) Theo. Cohn, San Francisco, $5,-981.6.
(C) Chas. L. Harney, San Francisco, $6,470.00.
(D) M. J. Lynch, San Francisco, $6,-834.75.
(E) E. J. Treacy, San Francisco, $10,-410.04.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ 1.40	$ 1.85	$ 1.50	$ 2.63
(2)	13.90	12.00	6.50	12.00	22.00
(3)	34.00	50.00	39.30	50.00	50.00
(4)	75.00	100.00	75.32	100.00	85.00
(5)	1.03	1.00	.72	1.00	1.20
(6)	1.45	1.75	1.50	1.75	3.27
(7)	.10	.10	.25	.10	.20
(8)	500.00	500.00	500.00	500.00	500.00

Bids held under advisement. *

BIDS WANTED

SAN FRANCISCO.—Until April 17, 1:30 P. M., informal lump sum bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,755, for the improvement of the east side of Larkin Street between Bay and Francisco Sts. Estimatd cost, $850.

The work involves:

(1) 480 sq. ft. 4-in. macadam sidewalk with emulsified asph. wearing surface;
(2) 80 sq. ft. existing concrete pavement to be removed and replaced with 6-in. Class E concrete pave.
(3) 90 sq. ft. Class E conc. pave.;
(4) 60 sq. ft. existing asph. wearing surface to be removed and replaced with 2-in. asphalt conc. wearing surface;
(5) 2.8 c.y. Class B concrete in 12-in. standard coping, including two 12-in. stairs 4-ft. in width;
(6) 70 l.f. redwood bulkhead, 3-feet high;
(7) 75 l.f. do, 2-ft. high;
(8) 35 l.f. do, 1-ft. high;
(9) 240 l.f. 2x6-in. redwood headers in place;
(10) 40 l.f. 2-rail wooden guard fence;
(11) 250 c.y. sand fill;
(12) 3,500 sq. ft. ice plant, planted at 12-in. centers;
(13) 1,800 ft. B.M. lumber in place in stairway.

Ice plants—mesembryanthemum edule.

Specifications obtainable at Room 351, City Hall, upon cash deposit of $10.00.

April 11, 1935

BIDS OPENED.

PLUMAS COUNTY, Calif.—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, and C. W. Caletti & Co., P. O. Box 243, San Rafael, at $113,448.00 submitted low bid to the State Highway Commission, Sacramento, for the construction of two bridges across the North Fork of Feather River, in Plumas County. One is to be at Rock Creek, consisting of one 183 ft. through steel truss span, two 55 ft., on 59 ft. and one 16 ft. steel stringer spans on concrete piers and concrete and rubble masonry abutments; the other is to be near Storrie, consisting of two 120-ft. steel pony truss spans, one 59-ft. 3-in. and one 60-ft. 3-in. reinforced concrete girder spans on concrete piers and rubble masonry abutments.

The work involves:

(1) 1600 cu. yds. struct. excav.;
(2) 1385 cu. yds. Class A Portland cement concrete;
(3) 242 cu. yds. Class A Portland cement concrete (footing blocks);
(4) 180,000 lbs. bar reinf. steel;
(5) 680,000 lbs. struct. steel;
(6) 10,210 lbs. cast steel;
(7) 634 lin. ft. timber railing;
(8) 690 cu. yds. rubble masonry;
(9) 1 lot miscellaneous items of work

Total bids follow:

(A) M. B. McGowan, Inc., San Francisco, and C. W. Caletti & Co., San Rafael, $113,448.00.
(B) Lord & Bishop, Sacramento, $114-801.80.
(C) Bodenhamer Const. Co., Oakland, $115,838.00.
(D) Bates & Rogers Const. Co., Oakland, $122,114.15.
(E) Rocca & Co., San Rafael, $123,-619.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 6.00	$ 7.00	$ 4.00	$ 7.50	$ 2.00
(2)	22.00	25.00	22.00	25.45	28.48
(3)	10.00	15.00	22.00	18.50	11.00
(4)	.06	.045	.05	.055	.05
(5)	.075	.068	.078	.07	.076
(6)	.10	.14	.15	.15	.15
(7)	1.00	1.10	1.25	1.10	1.50
(8)	10.00	12.00	12.00	14.00	15.00
(9)	603.00	600.00	1000.00	100.00	4800.00

CONTRACT AWARDED

THURSTON COUNTY, Wash.—Hart Constr. Co., 711 Middle Waterway, Tacoma, at $22,206 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and constructing a portion of a concrete bridge on about 0.1 mile of State Road No. 9, West Fourth St. Bridge Revision, and Harrison and Rogers Avenue intersection in the City of Olympia, U.S.P.W. Project No. NRM 200-A, in Thurston County.

Lidral Constr. Co., Seattle, at $23,-332, and Macri & Steffensen, Seattle, at $23,885 submitted second and third low bids, respectively.

PROJECT APPROVED

SAN FRANCISCO — SERA has approved a supplemental appropriation of $2867 providing supervisory labor for the Lake Merced Blvd. Project, Unit No. 1. The City and County of San Francisco Construction Projects Division will supervise the project, which will employ one office assistant and 7 labor foremen.

PROJECT APPROVED

ROSEVILLE, Placer Co., Cal. — SERA has approved appropriation of $4736 for school and ground improvements at Roseville Union High School. Work will include grading, excavating for swimming pool, constructing curbs, gutter, sidewalk, etc. J. W. Hanson of the Roseville Union High School will supervise the project which will employ 26 laborers.

PROSPECTIVE BIDDERS

STOCKTON, San Joaquin Co., Cal.—Following have procured plans for building extensions to road and drainage system and control gates together with the gate keeper's house, for which bids will be opened by the Stockton Port Commission, B. C. Allin, Secretary, Transit Sheds 6-7, Deep Draft Docks, Stockton, April 16, 4 P. M., as previously reported, are:

Samuel Eyre, 57 W. 4th St., Tracy.
G. H. Dodd, 1738 W. Rose Street, Stockton.
Biasotti-Willard & Biasotti, 40 W. Clay St., Stockton.
A. Fredrickson, 1501 N. Pershing St. Stockton.
R. E. McCarty, 603 Eastworth St., Stockton.

CONTRACT AWARDED

KITTITAS COUNTY, Wash.—D. Nygren, Lloyd Bldg., Seattle, at $61,-366 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and asphaltic concrete about 0.4 mile and constructing a steel girder undercrossing of the C. M. St. P. & P. R. R. Co. tracks on State Road No. 7, in the City of Ellensburg, U.S.P.W. Project Nos. NRM 148-D and NRH 148-B, in Kittitas County.

Sheble Constr. Co., Seattle, at $69,-892, and Hart Constr. Co., Tacoma, at $71,095 submitted second and third low bids, respectively.

LOS ANGELES — FIGUEROA ST. TUNNEL — (CITY)

LOS ANGELES, Cal.—L. E. Dixon, Bent Bros., Inc., and Johnson, Inc., 609 S. Grand Ave., Los Angeles, submitted the low bid to the Los Angeles Board of Public Works April 3 at $366,607.07, as previously reported, for constructing the Figueroa Street tunnel between Sokano Avenue and Bishops Road.

The work involves:

(1) 1034 cu. yds. Class F concrete, exclusive of concrete in tunnel sections, complete in place;
(2) 200 cu. yds. Class G concrete, complete in place;
(3) 500 sacks grout behind tunnel lining, complete in place;
(4) Reinf. steel, exclusiv of the reinforcing steel in the tunnel sections, complete in place;
(5) 715 lin. ft. tunnel section No. 1, complete in place (note: section No. 1 is estimated to require approximate quantities as follows:
57 cu. yds. excav., per lin. ft.;
15½ cu. yds. Class F concrete, per lin. ft.;
280 lbs. reinforcing steel;
(6) Tunnel section No. 2, complete in place, a total of 40 ft. (note: Section No. 2 is estimated to require approximate quantities as follows:
3550 cu. yds. excavation;
1016 cu. yds. Class F concrete;
44,500 lbs. reinforcing steel;
(7) Alternate on Tunnel Section No. 2, per lin. ft.;
(8) Electrical conduit system, complete in place;
(9) Lighting system, complete in place;
(10) 1165 sq. yds. white glazed tiling, complete in place;
(11) Plaster finish, complete in place;
(12) 600 lin. ft. 2-in. grout pipes, complete in place;
(13) Grading;
(14) 2000 cu. yds. removal of slides;
(15) 46,384 sq. ft. concrete pavement, 8-in. thick;
(16) 40,360 sq. ft. concrete base, 6-in. thick;
(17) 39,812 sq. ft. Warrenite-Bitulithic wearing surface;
(18) 1957 sq. ft. white concrete traffic lines, 1¾-n. thick;
(19) 548 sq. ft. white concrete traffic lines, 2-in. thick;
(20) 10,884 sq. ft. one-course sidewalk, 3 -in. thick;
(21) 1167 lin. ft. heavy unplastered curb;
(22) 1536 lin. ft. special unplastered curb;
(23) 19 sq. ft. concrete gutter, 6-in. thick;
(24) 2640 sq. ft. combination gutter, 8-in. thick;
(25) 19 lin. ft. integral curb & gutter;
(26) 33 lin. ft. curb armor;
(27) Storm drain complete.

Remove: 19 sq. ft. gutter and 100 sq. ft. driveway, included in yardage and price to be included in lump sum bid for grading.

The total bids were:

(A) L. E. Dixon, Bent Bros., Inc., and Johnson, Inc., $366,607.07.
(B) Maccon Const. Co., $367,302.44.
(C) Shofner & Gordon, $368,767.87.
(D) United Concrete Pipe Corp., $414-261.85.
(E) Morrison-Knudson Co., $466,143.62
(F) Engineer's estimate, $386,441.97.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 17.00	$ 15.00	$ 18.00	$ 25.00	$ 20.00	$ 15.00
(2)	6.00	6.00	8.00	15.00	10.00	10.00
(3)	1.00	3.00	1.50	2.00	2.50	2.50
(4)	4,125.00	4,500.00	4,000.00	5,000.00	5,000.00	3,200.00
(5)	376.00	375.00	379.00	414.00	460.00	402.50
(6)	23,000.00	30,000.00	26,020.30	20,000.00	22,000.00	27,537.25
(7)	450.00	750.00	650.00	500.00	700.00	.....
(8)	1,100.00	1,100.00	720.00	1,500.00	1,300.00	2,500.00
(9)	2,800.00	2,800.00	2,600.00	3,000.00	3,500.00	3,000.00
(10)	5.10	5.25	4.90	5.50	6.30	5.50
(11)	3,135.00	3,500.00	3,300.00	3,500.00	4,000.00	5,630.00
(12)	1.00	1.00	1.00	1.00	1.00	1.50
(13)	12,500.00	9,000.00	8,200.00	20,000.00	43,000.00	7,110.00
(14)	.30	.50	.45	.50	.50	.35
(15)	.20	.18	.21	.20	.22	.20
(16)	.16	.13	.15	.17	.16	.12
(17)	.09	.09	.10	.10	.10	.092
(18)	.25	.15	.17	.15	.22	.20
(19)	.25	.20	.24	.15	.30	.30
(20)	.10	.10	.10	.10	.11	.095
(21)	.44	.40	.40	.40	.50	.40
(22)	.46	.45	.52	.50	.60	.45
(23)	.20	.16	.20	.20	.19	.20
(24)	.20	.18	.20	.20	.22	.186
(25)	.65	.60	.70	.60	.85	.60
(26)	1.25	1.00	1.00	1.00	1.00	1.00
(27)	1,850.00	2,000.00	1,600.00	4,000.00	2,000.00	1,840.00

BIDS OPENED

LOS ANGELES COUNTY, Cal.—Rexroth & Rexroth, 2110-C Station A, Bakersfield, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, April 4, at $11,986.75, for planting trees and shrubs in Los Angeles County, between Mission Road in Los Angeles and Atlantic Blvd. in Monterey Park, about 5.9 miles in length to be planted to trees, shrubs and ground cover, involving:

(1) 341 each Key No. 1 trees;
(2) 159 each Key No. 2 trees;
(3) 572 each Key No. 3 trees;
(4) 267 each Key No. 8 trees;
(5) 60 each Key No. 17 trees;
(6) 96 each Key No. 20 trees;
(7) 2,241 each Key No. 4 shrubs;
(8) 1,226 each Key No. 5 shrubs;
(9) 1,190 each Key No. 6 shrubs;
(10) 75 each Key No. 7 shrubs;
(11) 246 each Key No. 9 shrubs;
(12) 98 each Key No. 10 shrubs;
(13) 140 each Key No. 11 shrubs;
(14) 100 each Key No. 12 shrubs;
(15) 35 each Key No. 13 shrubs;
(16) 100 each Key No. 14 shrubs;
(17) 85 each Key No. 15 shrubs;
(18) 100 each Key No. 16 shrubs;
(19) 70 each Key No. 18 shrubs;
(20) 65 each Key No. 19 shrubs;
(21) 306 each Key No. 21 shrubs;
(22) 15 each Key No. 22 shrubs;
(23) 145 each Key No. 23 shrubs;
(24) 100 each Key No. 24 shrubs;
(25) 25,815 each Key No. 25 ground cover plants.

Total bids were:

(A) Rexroth & Rexroth, $11,986.75.
(B) Peterson Bros., Inglewood, $25,328.96.

Unit bids were:

	(A)	(B)
(1)	$1.40	$3.00
(2)	1.45	5.80
(3)	1.34	5.13
(4)	2.50	6.10
(5)	1.30	4.72
(6)	1.45	7.59
(7)	1.45	2.69
(8)	1.40	2.65
(9)	1.30	2.70
(10)	1.40	2.42
(11)	1.30	2.06
(12)	1.35	2.57
(13)	1.40	3.57
(14)	1.40	2.57
(15)	1.60	4.54
(16)	1.60	3.65
(17)	1.70	3.96
(18)	1.70	2.67
(19)	1.35	4.07
(20)	1.40	2.41
(21)	1.30	3.67
(22)	2.00	4.07
(23)	1.20	2.36
(24)	1.35	3.96
(25)	.03	.05

The bid of Peterson Bros., Inglewood, is irregulaar as the certified check was insufficient.

BIDS WANTED

NAVAJO COUNTY, Arizona.—Unt April 16, 2 P. M., bids will be received by Arizona State Highway Commission, Phoenix, for the improvement of streets in Holbrook, Ariz., NRM D (1935) AFE 539, NRM 83-B (1935) AFE 538. The work, which extends from the north city limits of Holbrook along Porter St. to the railroad tracks, a distance of about one-third of a mile, consists of removing the old pavement and curb and gutter, and to furnish and place select material, new concrete pavement and curb and gutter. The items are:

11,600 sq. yds. grading under pavement
5,200 c.y. select material;
7,600 sq. yds. concrete pavement;
900 sq. yds. concrete gutter;
3,300 l.f. comb. curb and gutter;
2,500 sq. ft. concrete sidewalk;
3,000 l.f. vitrified clay pipe.

Certified or cashier's check, 5%. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

PIERCE AND LEWIS COUNTIES, Wash.—Joplin & Eldon, Kenton Sta., P. O. Box 5686, Portland, at $118,070 submitted low bid and recommended for award of contract by the Bureau of Public Roads, Portland, April 4, for constructing the Mt. Rainier National Park (Paradise Section) Resurfacing and Off Rock Stockpiling Project PEC-1-E, National Park Project, located within the Mt. Rainier National Park, Pierce and Lewis Counties, Washington.

The length of the project is approximately 8.564 miles main line and side roads (3.336 mi. Parking Areas).

Complete bids follow:

Joplin & Eldon, Portland	$118,070
Northwest Roads Co., Portland	121,776
Homer G. Johnson, Portland	122,116
A. C. Greenwood & F. J. Dussault, Portland	123,273
L. Romano Eng. Corp., Seattle	125,158
F. G. Redmon, Yakima	132,063

CONTRACT AWARDED

LOS ANGELES, Cal.—Southern California Roads Co., 2145 E. 25th St., awarded contract by the Los Angeles Board of Public Works, April 3 at $51,181.68, for the improvement of El Modena Ave., between Figueroa St and Colorado Blvd. by the construction of 8-inch permanent pavement 56 feet wide, consisting of 2-in Warrenite Bitulithic wearing surface on 6-inch asphaltic concrete base, 40 feet wide, and 8-inch concrete pavement 7 feet wide on each side to serve as gutters, together with curbs and sidewalks.

PROJECT APPROVED

HUMBOLDT COUNTY, Cal.—SERA has approved appropriation of $13,355 for widening, ditching, clearing and surfacing various portions of the Monumental Road in Humboldt County. C. S. Smith will supervise the project which will employ 50 laborers

SAN MATEO COUNTY—SOUTH CITY UNDERPASS

SAN MATEO COUNTY, Cal.—Fredrickson & Watson Const. Co., and Fredrickson Bros., 873 81st Ave., Oakland, at $129,908.08 submitted the low bid to the State Highway Commission, Sacramento, for widening the existing undergrade crossing under the tracks of the Southern Pacific Company and the South San Francisco Belt Railway at South San Francisco, San Mateo County, consisting of a 43-ft. 7-in. plate girder and concrete deck span, and a 98-ft. 8-in. steel beam and concrete deck span.

The work involves:

(1) 200 c.y. existing concrete to be removed and disposed of;
(2) 150 l.f. existing guard rail to be moved and reset;
(3) 45,000 c.y. excav., unclass.;
(4) 100,000 mile yards haul;
(5) 4,700 sq. yds. subgrade for pavement;
(6) 1,200 tons crusher run base;
(7) 945 c.y. t'lass A Portland cement concrete (standard pavement);
(8) 1,900 c.y. do (gravity anchor and reinf. pavement);
(9) 85 each 1-in. bar dowel anchors;
(10) 700 each ¾-in. do;
(11) 165,000 lbs. bar reinf. steel;
(12) 10,600 lbs. mesh reinf. steel;
(13) 2,050 c.y. Class F Portland cement concrete (structures);
(14) 16 c.y. Class F do (railing);
(15) 550 sq. yds. finishing east face of center wall;
(16) 20,484 lbs. cast steel;
(17) 5,700 lbs. copper strips;
(18) 103 c.y. Class A Portland cemeat concrete (sidewalks and gutters)
(19) 420 l.f. pipe handrail;
(20) 4,000 sq. yds. waterproofing for pavement and walls;
(21) 1,250 sq. yds. waterproofing for deck;
(22) 1,150 l.f. 12-in. plain conc. pipe;
(23) 1,340 l.f. 6-in. drain tile;
(24) 270 l.f. 4-in. drain tile;
(25) 270 l.f. 4-in. vit. clay pipe;
(26) 12 l.f. 12-in. cast iron pipe;
(27) 106 l.f. 8-in. wrought iron pipe;
(28) 24 l.f. 6-in. do;
(29) 44 l.f. 4-in. do;
(30) 60 c.y. rock filling material;
(31) 1 lot pumping equipment;
(32) 1 lot lighting equipment;
(33) 1 lot misc. items of work.

Total bids follow:

(A) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland. $129,908.08.
(B) Healy - Tibbitts Const. Co., San Francisco, $134,282.60.
(C) M. B. McGowan, Inc., San Francisco and C. W. Caletti & Co., San Rafael, $142,766.08.
(D) Barrett & Hilp, San Francisco, $155,502.76.
(E) Bodenhamer Const. Co., Oakland $166,120.75.
(F) Chas. L. Harney, San Francisco, $167,623.07.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 4.00	$ 10.00	$ 3.00	$ 6.60	$ 4.00	$ 6.25
(2)	.70	2.00	2.00	1.50	1.00	.61
(3)	.70	.40	.80	.48	1.00	1.01
(4)	.10	.08	.10	.06	.15	.081
(5)	.12	.08	.20	.13	.15	.16
(6)	1.50	1.60	2.00	3.20	2.00	1.85
(7)	9.60	9.00	8.00	13.00	12.00	10.78
(8)	9.60	10.00	8.00	12.75	15.00	12.48
(9)	6.00	5.50	1.00	12.00	1.75	1.35
(10)	.65	5.00	.50	8.00	1.50	1.35
(11)	.04	.045	.04	.05	.045	.0522
(12)	.10	.10	.07	.09	.10	.0522
(13)	14.00	20.00	20.00	25.00	15.00	19.67
(14)	40.00	70.00	30.00	75.00	40.00	73.00
(15)	1.25	1.00	1.00	1.60	.80	.92
(16)	.12	.15	.12	.14	.12	.135
(17)	.40	.35	.40	.37	.45	.37
(18)	15.00	9.00	10.00	17.00	15.00	15.26
(19)	1.50	1.50	2.00	2.50	2.00	3.39
(20)	.70	.60	.70	.30	.60	.48
(21)	1.37	1.75	1.40	1.00	1.75	1.08
(22)	1.00	1.00	1.00	1.50	1.00	2.24
(23)	.30	.60	.20	.60	.50	1.76
(24)	.30	.40	.20	.50	.50	.81
(25)	.30	.80	.20	.70	.50	.81
(26)	3.25	3.00	3.00	4.00	4.00	5.40
(27)	4.00	3.50	3.00	3.50	3.57	3.30
(28)	3.25	2.50	2.00	3.60	2.00	2.70
(29)	2.00	1.50	1.50	2.50	1.75	2.00
(30)	3.00	1.50	2.00	3.00	2.00	4.00
(31)	1000.00	1300.00	900.00	1250.00	1000.00	2000.00
(32)	3856.00	3400.00	4000.00	1000.00	4000.00	3000.00
(33)	500.00	1366.00	1814.00	400.00	1000.00	1350.00

Section 1134 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

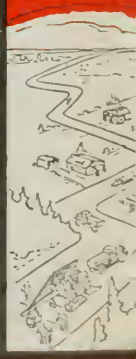
IN THIS ISSUE

Barrett & Hilp Lowest Bidder for E. Bay Viaduct

Report 76% Gain in March U. S. Building

Building Permits, Advance Reports of Building and Engineering Projects

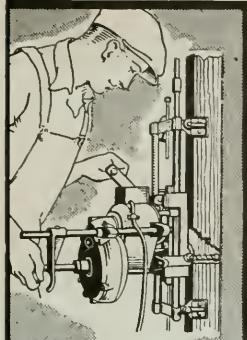
Unit Price Review



RIL 20, 1935

Vol. XVIII—No. 16

WAPPAT Electric TOOLS



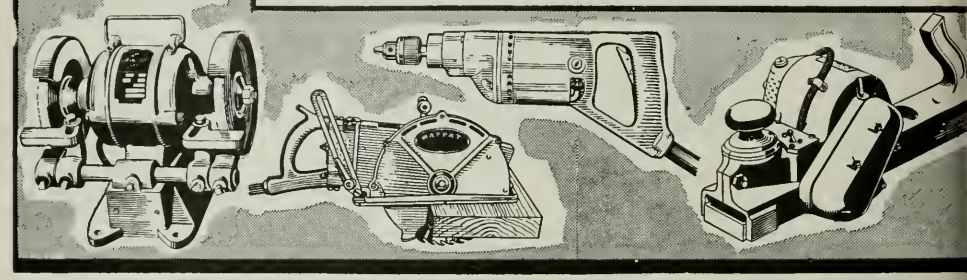
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF. APRIL 20, 1935 No. 16

U. S. Building In March Gained 76% Over Last Year, Bradstreet Reports

The March volume of building permits for 215 cities of the United States as compiled by Dun & Bradstreet, Inc., was the largest since April, 1932, and represented a total value of $45,056,822, as compared with $27,636,367 in February. This was an increase of 63.0 per cent, as against a normal seasonal gain of about 53.0 per cent. Marked improvement was also shown over the corresponding month of last year. Comparison with the March, 1934, total of $25,505,005 reveals a rise of 76.7 per cent.

The volume of permits for the 214 cities outside of New York increased to $33,609,654 during March compared with $21,783,459 in the preceding month and $19,804,760 in the same period of last year, representing increases of 54.3 and 69.7 per cent, respectively.

At New York City, the value of permits issued jumped to $11,447,168, a gain of 95.6 per cent above the February total of $5,852,908 and 100.8 per cent higher than March a year ago, when permits were valued at $5,700,245.

In analyzing the February to March comparison by sections, it is seen that three groups reported increases of over 100 per cent. The West Central States had a gain of 159.2 per cent, Middle Atlantic 110.1 per cent and East Central 101.6 per cent. Moderate increases were shown by the South Central, New England and Pacific groups, while the improvement was smallest in the South Atlantic and Mountain States.

The record of building permit costs for the first quarter of 1935 gives evidence of a continuance of the rise from the depression low levels reached in 1933. Permit values for the first three months of this year amounted to $99,519,457, compared with $65,657,624 for the same period of 1934, or a gain of 51.6 per cent. Last year's total, in turn, showed an increase of 24.6 per cent when compared with the first quarter of 1933. Following is the record for the past nine years:

	March	1st Qtr.	% Chge Previous Year
1935	$45,056,822	$99,519,457	+51.6
1934	25,505,005	65,657,024	+24.6
1933	17,798,441	52,705,189	—56.4
1932	37,676,746	120,965,349	—63.8
1931	142,107,807	334,067,678	—12.1
1930	156,703,002	380,009,730	—53.4
1929	372,377,754	$15,392,127	— 4.5
1928	343,635,395	853,699,129	+ 2.0
1927	354,803,287	837,196,698	

A.G.C. ENDORSES SHOALS SITE

Endorsement of the Yerba Buena shoals site for the bay district bridge exposition was voted yesterday by directors of Central California Chapter, Associated General Contractors. A resolution adopted by the directors was forwarded by George E. Greenwood, president to the exposition directors.

The contractors declared the shoals site to be the most practical and desirable location offered for an exposition and urged the importance of making a final selection of site in order to start work on the project, which they held to be of great benefit to this locality and to the entire state.

CITY AUDITORIUM BONDS PROPOSED

A bond issue proposal probably will be submitted to Eureka voters at the municipal election June 17 providing funds for a municipal auditorium. The amount has not been determined.

A preliminary estimate by Architects Frank Georgeson and Newton Ackerman of Eureka, however, places $60,000 as the maximum cost for the structure now contemplated. The estimate is on a building 110 by 190 feet of redwood construction with steel truss roof. The main hall would seat 3,000 and include a stage and dance floor.

Shipments of steel business furniture during the first two months of 1935 totaled $2,203,716, as compared with $1,890,914 during the corresponding preiod last year, according to the Bureau of the Census.

$5,200,000 FOR STATE HIGHWAY CONSTRUCTION

Kelly Sees $16,000,000 Allotment for Co. & State Roads, Grade Separations

According to the latest official advices from Washington to Director Earl Lee Kelly of the Department of Public Works, California will receive from President Roosevelt's $4,800,000,000 Work Relief fund approximately $5,200,000 that will be available for new construction projects on the state highway system in addition to those now itemized in the 1935-37 budget

"In addition to this amount for our state highways," said Mr. Kelly, "I am informed through the president of the American Association of State Highway Officials that $1,700,000 will be made available to the state department for expenditure on county feeder roads. Feeder roads as defined by federal regulations 'shall include farm to market roads, rural free delivery roads and public school bus routes, which are not now included in the approved system of federal atd highways but which are either part of the state highway system or are important local highways leading to shipping points, or which will permit the coordination or extension of existing transportation facilities, including highway, rail, air and water.'

"Another allotment of approximately $9,100,000 will be made to California for construction of railroad grade separations on both state and county roads

"These funds will be available for expenditure as soon as we receive the formal regulations and apportionment from the Secretary of Agriculture through the U. S Bureau of Public Roads.

"One very important feature of federal aid emergency relief legislation is the fact, that if past regulations and law are followed, federal funds cannot be used for acquisition of right of ways. This is a very important factor in the matter of grade separations and feeder roads."

PAINTERS NRA AREA AGREEMENT EFFECTIVE 22nd

President Signs Code Pact Fixing Uniform Working Terms Throughout State

An area agreement under the NRA code of fair competition for the Painting and Paperhanging Industry was signed yesterday by President Roosevelt and becomes effective April 22. It will establish a five-day week, seven-hour day and minimum wage of $1 per hour throughout the state of California.

Herbert Brace, chairman of the code committee of the California Council of the International Society of Master Painters and Decorators, pointed out that this was the first NRA area agreement to be executed that embraces an entire state and also it is the first agreement effected an any branch of the construction industry in California.

The agreement has been in the making for more than six months by Chairman Brace's code committee of the painting contractors of the state and the various district councils of the International Brotherhood of Painters, Paper Hangers and Decorators of America, whose council and national officers signed it along with the representatives of the painting contractors. The code will cover all painters, paper hangers and decorators and all contractors in those trades throughout California and will be enforced by the NRA Regional Compliance Board.

"Out of the 8,000 painters, paper hangers and decorators affected by the Code in California, about 2,500 work in the Bay District and approximately 1,500 in San Francisco," Brace said. "A total of 2,600 master painters throughout the State will come under its authority, 400 of them operating in San Francisco.

"With the continuous active cooperation of the Industrial Association of San Francisco, we have worked hard for many months," Brace declared, "to win the agreement of the thousands of contractors and union men to this code. We feel that it marks a distinct advance in bringing about more prosperous conditions in our part of the building industry and will react advantageously to employees, employers and the general public throughout the state thru the stabilization it will afford."

BUILDING INCREASES IN PACIFIC GROVE

Eight building permits calling for expenditure of $10,644 were issued in Pacific Grove during March according to City Manager Erwin Dames. This is a marked increase over the permits issued in recent months, February permits totaling only $2,035 and January $3,565

REDWOOD MILLS BUSINESS GAINS

Fifteen identical mills of the California Redwood Association reported new business 67 per cent greater for the week ended April 6 than for the corresponding week a year ago, according to the weekly survey of mill business by the National Lumber Manufacturers' Association. Redwood production for the week was 6,170,000 feet; shipments, 7,207,000 feet; new business, 9,206,000 feet; week-end orders on hand, 35,180,000 feet. The week's production was 12 per cent less than the same week last year.

The nation's lumber production for the week was about the same as a year ago, shipments were 10 per cent heavier and orders 11 per cent heavier.

General Contractor Must Certify Code Purchase of Material

The Divisional Code Authority for General Contractors directs attention to Executive Order 6646 by which general contractors are held responsible for certification that all materials used by them have been produced in compliance with NRA codes of fair competition.

"An instance has come to our attention where a general contractor purchased and paid for a considerable amount of material without obtaining the certificate of compliance from the supplier," states a letter from Edward J. Harding, secretary of the code authority. "Before the government agency would allow payment for this material, the general contractor was requested to produce the certificate of compliance which should have been filed with him by the supplier. The general contractor did not have and could not obtain a certificate, and therefore, the government agency would not allow payment to the general contractor for the materials furnished by this particular supplier.'

Following is the text of paragraph 1 (d) of Executive Order 6646:

"No agency of the United States and no Government contractor or supplier shall hereafter accept or purchase for the performance of any contract or purchase, order or enter into any subcontracts for any articles, materials, or supplies, in whole or in part produced or furnished by any person who shall not have certified that he is complying with and will continue to comply with each code of fair competition which relates to such articles, materials, or supplies, or in case there is no approved code for the whole or any portion thereof, then, to that extent, with an agreement with the President as aforesaid."

NRA AGREEMENT OF PLASTERERS TO BE EFFECTIVE

Craft Will Operate Under Uniform Working Conditions Throughout State

Notified yesterday that the NRA area agreement fixing hours and wages for plasterers and lathers would be effective next Monday, local sponsoring organizations made immediate plans to obtain full compliance with the new working pact. Francis O'Reilly, president of the San Francisco contracting plasterers, announced receipt of information from Washington that the agreement had been signed by the President and would apply to all work undertaken on and after April 22.

The area agreement includes the entire state of California, fixing a wage of $1.25 per hour for plasterers and $1.10 for plasterers' tender. The working day is six hours and the working week five days. The agreement applies to all contractors and employes whether or not they are members of associations or unions. It is estimated that 4700 plasterers and 1500 lathers are normally employed. Licensed contracting plasterers number 863 and licensed lathing contractors, 145.

The wage rates are:

	Per Hour
Journeyman Plasterer	$1.25
Superannuated Plasterer (sixty years or over)	.83⅓
Journeyman Lather	1.25
Superannuated Lather (sixty years or over)	.83⅓
Apprentices: First year 25% of of journeyman rate; second, 35%; third, 60%; fourth, 75%.	
Plasterers' Tender	1.10
Modeler	2.00
Model Maker	1.25
Caster	1.12½
Laborer	.83⅓

With its acceptance by NRA and the President, the agreement becomes enforceable by the NRA compliance division, wholly independent of the industry. The agreement was sponsored by the California State Conference of Master Plasterers Associations and by labor organizations. It has been pending in Washington since November 1.

G-E REPORTS LARGE OIL BURNER ORDER

The General Electric Co. reports the order placed recently by Levitt & Sons, builders and developers of the Strathmore Estates at Manhasset, L. I., for 175 oil burning furnaces will be delivered during the present year, with an option on 25 additional furnaces, is the largest received by any G-E dealer since their oil-burning unit was placed on the market in 1932. The Strathmore Estates property was opened by the Levitt organization in the spring of 1934 and 54 houses have been built there during the past year.

Barrett & Hilp, Inc., Bid $1,026,780 For East Bay Bridge Viaduct Contract

SACRAMENTO, April 17.—Barrett and Hilp, Inc., 918 Harrison Street, San Francisco, submitted the low bid among seven proposals received today by the State Highway Commission for construction of a traffic distribution structure on the Eastbay approach to the bay bridge. The low bid was $1,026,780.

The structure will serve two functions. It carries bridge traffic over the main line tracks of the Southern Pacific and Santa Fe railroads and the interurban lines of the Key System. It also separates and distributes vehicular traffic approaching and leaving the bridge on three arterial routes.

About 6600 feet of roadways varying from 22 to 52 feet in width are to be laid on viaduct structures rising from grade to a maximum of 40 feet.

Estimated quantities of materials required are 22,000 cubic yards concrete; 4,500,000 pounds structural steel; 3,500,000 pounds reinforcing steel; 660,000 pounds pipe railing; 59,000 feet 4¼-in. reinforcing trusses; 95,000 feet 5¾-in. reinforcing trusses.

The contract provides for completion in 275 working days.

Following are the bids received:

Barrett & Hilp, Inc., S. F.	$1,026,780
Mittry Bros. Const. Co., L. A.	1,033,965
N. M. Ball, Berkeley and Bodenhamer Const. Co., Oakland	1,065,780
Bates & Rogers Const. Co., Oakland	1,065,8[illegible]
Clinton Const. Co., S. F.	1,087,800
MacDonald & Kahn Co. Ltd., San Francisco	1,093,518
Healy - Tibbitts Const. Co., San Francisco	1,169,559

A. G. Raisch, San Francisco, submitted the low at $46,504 for grading and paving two-tenths of a mile in the city of San Mateo between Crystal Springs road and Third avenue.

Following bids were received:

A. G. Raisch, S. F.	$46,504
L. C. Seidel, Oakland	53,268
Fay Improvement Co., S. F.	55,671
Charles L. Harney, S. F.	[illegible]
Hanrahan-Wilcox Corp., S. F.	63,7[illegible]

Question as to the regularity of signatures on the bid of Heafey-Moore Co. and Jack Casson, Oakland, caused the department to refer the proposal to the legal staff for an opinion, to determine the low bidder for 3.8 miles of grading and paving in San Joaquin county between French Camp and Stockton.

The bids received were:

Heafey - Moore Co. and Jack Casson, Oakland	$ 89,977
Hanrahan - Wilcox Corp., San Francisco	99,[illegible]
A. G. Raisch, San Francisco	103,9[illegible]
A. Teichert & Son, Inc., Sacramento	108,[illegible]
Valley Paving and Const. Co. Fresno	108,188
Chas. L. Harney, S. F.	109,241
Fredrickson and Watson Construction Co., Oakland	109,663

EXCHANGE ASKS FOR PROTECTION OF CONTRACTORS

Cites Richmond Building Example Of SERA Practice Unfair To Industry

Administration of SERA funds in Alameda and Contra Costa counties in a manner unfair to contractors and sub-contractors whose equipment is requisitioned for conducting day-labor projects is protested by the Oakland Builders' Exchange in a letter directed to President Roosevelt.

The protest is signed by W. G. Thornally, president, and follows in part:

For your information, Mr. President, the Builders' Exchange of Oakland is the official organized representative of the building industry of Alameda County and as such contributes many thousands of dollars in taxes to support national, state and local government. But, unfortunately we are the group most discriminated against in the United States today due to the unfair administration of SERA funds.

As an example, the City of Richmond, Calif., is building a $160,000 high school with SERA labor, and no licensed nor experienced contractor is on the job. They have no equipment and are asking sub-contractors who may have equipemnt to work at SERA wages in order to rent said equipment to them at a fraction of its value. This practice, I know you will agree with me, is absolutely unfair.

The membership of the Exchange is with me to a man in this appeal to you for your support in seeing to it that everything possible is done to the end that future public works will be given to responsible general and sub-contractors on a cost-plus basis rather than delay progress by calling for bids. And we who pay the bill will have the assurance that the work will be performed efficiently and properly, with the least possible

NEVADA ENGINEERS BOARD APPOINTED

Members of the Nevada state board for registration of civil engineers have been named by the governor. They are George W Malone, chairman, John A. Fulton, A R. Thompson, Chas. G. Walker and L. A. Harris. Headquarters will be in Reno.

DINWIDDIE LOW ON RESTORATION OF GIRLS' HIGH

Submits $244,700 Proposal; Pressure Main Bids Opened

Dinwiddie Construction Company, Crocker Building, yesterday submitted to the San Francisco Department of Public Works the lowest of five bids for restoration of the Girls' High School, damaged by fire last fall while undergoing extensive alterations. Amount of the low proposal was $244,700.

White & Gloor, Monadnock Bldg., were low bidders at $18,789 for the brick work and terra cotta, for which a separate contract will be let.

C. L. Wold, who held the contract for reconstruction of the high school last fall at the time of the fire, was second low bidder for general work at $246,777.

The new contract calls for restoration of the portions damaged by fire and completion of the building. Plans were prepared by Architects H. A. Minton, Henry C. Smith and Mark T. Jorgensen. L. H. Nishkian is structural engineer for the project.

Total bids submitted for general work were:

Dinwiddie Construction Co.	$244,700
C. L. Wold	246,777
Barrett & Hilp	259,762
K. E. Parker Co.	264,400
P. J. Walker Company	265,715

For brick and terra cotta the following bids were received:

White & Gloor	$18,789
Reed & Reed	19,327
William A. Rainey	19,985
J. L. Collins	20,770

The Department of Public Works also opened bids yesterday for installing Section "B" of the Marina District Extension to the city's high-pressure fire protection mains The lowest proposal for this contract was $27,055, submitted by Percy L. Burr, 320 Market Street.

Total bids for the high-pressure main extension were as follows:

Percy L. Burr	$27,055
M. J. Lynch	30,049
Eaton & Smith	30,663
Charles L. Harney	[illegible]
Pacific Pavements Co., Ltd.	39,79[illegible]
Anderson & Rowe	41,0[illegible]
E. J. Treacy	[illegible]

The Marina District Extension is a portion of the city's program of fire protection main extensions, financed by a $2,000,000 bond issue and a grant of $460,000 from the Federal Public Works Administration.

DEPUTY BUILDING INSPECTOR RESIGNS

Charles J. Heinemann, Oakland deputy city building inspector, has tendered his resignation in order to enter private business. He had been with the department since 1921. No successor will be appointed at present, City Manager John F. Hassler stated.

SMITH & ALLEN TO FILL NEVADA ENGINEER POSTS

Governor Announces Appointments; Will Succeed Malone and Durkee

Alfred Merritt Smith has been appointed Nevada state engineer and Robert A. Allen has been appointed state highway engineer, Governor Kirman, newly-elected announced in Carson City yesterday.

Allen will succeed S. C. Durkee on May 1 and Smith will succeed George W. Malone, May 28. Appointment of Allen will leave a vacancy in the post of PWA state engineer in Nevada, a position he has filled since the PWA was organized.

Allen was formerly state engineer under Governor Scrugham while Smith was for several years on the engineering staff of Southern Pacific Company and has been connected at various times with the state engineer's office.

Smith was graduated from the mining school at the University of Nevada with the class of 1900 and secured an advanced degree in 1908. Allen was a member of the 1915 class at the university where he was a student in the college of electrical engineering. He was state engineer from 1922 thru 1926 and has been Nevada PWA engineer since the federal PWA program was initiated in that state.

Electrification Of Pennsy. R. R. Near Completion

Electrification of the New York to Washington passenger service of the Pennsylvania Railroad has been completed as one of the principal items of an $80,000,000 electrification program instituted with the aid of PWA financing.

The project was said to be the biggest private construction job in the world in the past 18 months.

Several thousand men still are employed completing electrification of yards and terminals for freight service and building electric locomotives.

The completely electrified passenger service embraces 639 daily trains of which 191 are through trains and 448 are semiexpress and commuter trains, some of which have motors in each car and no electric locomotive.

Besides the construction for electrification on the right-of-way, 7,000 freight cars and a 100 new electric locomotives were built in this PWA project. The freight cars were finished last December and 40 of the electric locomotives have been turned out.

List Materials To Be Purchased For Coulee Dam

In the construction of the Grand Coulee (low) dam, for which the Mason-Walsh-Atkinson-Kier contractors have a $29,000,000 contract, the Government will purchase the following materials: 5,000,000 barrels of cement; 25,000,000 pounds of steel reinforcement bars; 115,000 linear feet of metal sealing strips; 52,000 square feet of cork board; 6,232,000 pounds of gates and conduit linings; 45,000 pounds of control apparatus for gates; 1,000,000 pounds of penstock and draft-tube bulkhead gates; welded plate-steel penstock pipes, 18 feet and 4 feet 6 inches in diameter; three 21-foot 6-inch and two 60-inch hydraulically operated butterfly valves and operating mechanisms; two 375-ton and one 20-ton overhead traveling cranes, one 20-ton gantry, and two 150-ton gantry cranes; 203,000 lbs. of track rails; 4,242,000 pounds of trash-rack metal work; 1,600,000 pounds of structural steel in power house; 1,200,000 pounds of metal tubing, pipe, fittings, and valves; 7,400 pounds of aluminum curbs and handrailings; 100,000 lin. ft. of electrical cable; 144,000 linear feet of electrical metal conduit; asphalt-saturated felt roofing, metal lath, stairways, floor plates, gratings, rolling and swinging doors, metal sash windows and operators, plumbing fixtures and hardware, and miscellaneous metal work.

Purchases are made through the Denver office of the U. S. Bureau of Reclamation R. F. Walter is chief engineer of the Bureau. F. A. Banks is construction engineer with headquarters at Almira, Wash.

BID DEPOSITORY AT MARYSVILLE PLANNED

Plans are being made to establish a bid depository for the construction industry at Marysville and opening of it probably will be announced shortly by building craft code committees, according to Mano Zan, code coordinator for the state registrar of contractors.

Mr. Zan and Lloyd Flatland, chairman of the San Francisco code coordinating committee, attended a meeting of Marysville business men this week at which NRA administration was discussed. Speakers included Wesley Ash and Lee Lazarus of the San Francisco regional NRA office. Code affairs of the construction industry were the subject of a conference later among representatives of the local building crafts.

Returning from Marysville visits were made at the Sacramento and San Rafael central bid depositories which now are affiliated with the Northern California Bid Depository System. The bid registration plan is working satisfactorily in both cities, it was reported.

LAY PLANS FOR A.G.C. ANNUAL BOARD MEETING

Action to Assure Contract Work in Govt. Program Slated for Meet

Anticipating a summer of the most intensive construction activity in five years, the governing and advisory boards of the Associated General Contractors of America will hold their annual spring meeting in Washington, D. C., May 2 and 3, to lay plans for the expeditious handling of the industry's part in the President's $4,880,000,000 work relief program.

Representative contractors from building, highway and heavy construction and railroad divisions of the industry will participate in the meeting, which will give detailed attention to the question of facilitating contract methods in each of the various constructon fields included in the Emergency Relief Appropriation Act. Nick F. Helmers, of St. Paul, president of the association, will preside.

It is anticipated that a major portion of the construction phases of the program will be executed under contract in view of the provision in the measure that full advantage shall be taken of the facilities of private enterprise in carrying out the work. The board will exert every effort to see that this is done, according to A.G.C. officials.

E. J. Harding, managing director of the contractors' association, in announcing the call for the governing and advisory boards meeting, expressed the belief that under the impetus of the work relief meaure the coming summer will witness a banner season in all lines of construction. He pointed out that the fund, as earmarked in the bill, will provide, in itself, a well-rounded volume of building, highway and heavy construction projects. Harding also was optimistic as to the prospects of revival in private residential construction and declared that the board would give special attention to the small home builder at its May meeting.

The meeting will follow immediately upon the conclusion in Washington of the twenty-third annual meeting of the United States Chamber of Commerce, which will be attended by many of the contractors, including their past-president, A. P. Greensfelder, of Saint Louis, who is a director of the construction and civic development department of the Chamber and a member of Secretary Roper's business advisory and planning council.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
336	Restani	Owner	2000
337	Hill	Mattock	7005
338	Getz	Miller	1600
339	Restani	Owner	4000
340	Norton	Rahlmann	1200
341	Arnott	Owner	4000
342	Arnott	Owner	4000
343	Arnott	Owner	4000
344	Arnott	Owner	4000
345	Cook	Mullen	1850
346	Harbaugh	Stevenson	1980
347	Herberts	Mullen	4000
348	Gunons	Delucchi	3000
349	Sang	Yick	1000
350	Parkway	Owner	1800
351	Liebman	Owner	4000
352	Bianci	Murer	5000
353	Liebman	Owner	8000
354	Leahy	Jose	1175
355	Vigli	Murer	5000
356	Standard	Owner	3000
357	Standard	Owner	3000
358	Kappaport	Petersen	1000
359	Morton	Vodden	1000
360	Williams	—	12000
361	Congregation	Dinwiddie	4000
362	Klute	Cohn	3000
363	Bossana	Marshall	4800
364	MacFarland	Owner	1400
365	Rolkin	Siegrist	3875
366	Warner	Owner	4000
367	Garguilo	Lindsay	1000

STATION
(336) SW ALEMANY AND GENEVA Ave. Class C service station.
Owner—C. Restani, Premises.
Engineer—J. M. Smith, 251 Kearny St., San Francisco. $2000

ALTERATIONS
(337) NO. 3421 JACKSON ST. Alter dwelling.
Owner—E. C. Hill, % Contractor.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $7000

STATION
(338) NE GEARY AND COLLINS Streets. Class C service station.
Owner — Sol Getz & Sons, deYoung Bldg., San Francisco.
Architect—R. C. Schuppert, % Owner.
Contractor — B. Miller, 589 Haddon Road, Oakland. $1600

GARAGE
(339) W ALEMANY ST. 140 S Geneva Ave. Class C public garage.
Owner—C. Restani, Alemany St. and Geneva Ave., San Francisco.
Engineer—J. M. Smith, 251 Keanry St., San Francisco. $4000

ALTERATIONS
(340) W EVANS AVE. 175 N Phelps St. Alter factory.
Owner—Norton Wool Co., 1600 Fairfax St. San Francisco.
Engineer—J. M. Smith, 251 Kearny St., San Francisco.
Contractor — H. E. Rahlmann, 251 Kearny St., S. F. $1200

DWELLING
(341) E 16th AVE. 90 S Rivera; one-story and basement frame dwelling.
Owner and Builder—Jas. A Arnott, 633 Taraval Street.
Architect—Not Given. $4,000

DWELLING
(342) E 16th AVE 152 S Rivera, 1-story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given $4,000

DWELLING
(343) E 16th AVE. 183 S Rivera, 1-story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given. $4,000

DWELLING
(344) E 16th AVE. 121 S Rivera; 1-story and basement frame dwelling.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given. $4,000

ALTERATIONS
(345) 174 GEARY ST.; alter store.
Owner—Thos. Cook, premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Kausch Street. $1,850

ALTERATIONS
(346) 2467 15th AVE.; alter dwelling.
Owner—R. W. Harbaugh, premises.
Architect—Not Given.
Contractor — L. H. Stevenson, 130 Merced. $1,980

ALTERATIONS
(347) 151 POWELL ST.; alter restaurant.
Owner—Herbert's Grill, premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Kausch Street. $4,000

DWELLING
(348) S WAYLAND 92 W Girard; 1-story and basement frame dwelling.
Owner—Nick Gunons, % contractor.
Architect—Not Given.
Contractor—Richard Delucchi, 3275 San Bruno Ave. $3,000

ALTERATIONS
(349) 618 GRANT AVE.; alter offices.
Owner—Sang Chong Tung, premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington Street. $1,000

ALTERATIONS
(350) 562 HAIGHT ST.; alter theatre
Owner—Parkway Theatre, Inc., care Golden State Theatre Co., 25 Taylor Street.
Architect—M. T. Jorgensen, 525 Market Street. $1,800

DWELLING
(351) S JEFFERSON 100 W Webster St. One-story and basement frame dwelling.
Owner—Ben Liebman, 1555 Francisco St., San Francisco
Architect—R. R. Irvine, 3131 Market St., San Francisco. $4000

DWELLING
(352) N BROADWAY 52 E Hyde St Two-story frame dwelling.
Owner—L. Bianci, 3460 Scott St., San Francisco.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada St., San Francisco. $5000

FLATS
(353) E FILLMORE ST. 75 S Jefferson St Two-story and basement frame flats.
Owner—Ben Liebman, 1555 Francisco Sth., San Francisco
Architect—R. R. Irvine 3131 Market St., San Francisco $8000

ALTERATIONS
(354) S FULTON ST. 82 W Gough St. Alter stores and loft.
Owner—J. F. Leahy and P. H. Sturtevant, % Architect.
Architect—Albert A. Schroepfer, 214 Kearny St., San Francisco.
Contractor—W. L. Jose, 710 Arguello Blvd., San Francisco. $1175

DWELLING
(355) N BROADWAY 47 E Hyde St. Two-story frame dwelling.
Owner—J. Vigli, 3110 Laguna St., San Francisco.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada St., San Francisco. $5000

DWELLING
(356) E THIRTY-THIRD AVE 250 S Judah St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Plans by Owner. $3000

DWELLING
(357) E THIRTY-THIRD AVE. 275 S Judah St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Plans by Owner. $3000

ALTERATIONS
(358) SW GRANT AVE. AND SUTTER St. Alter store.
Owner — S. Rappaport, 2514 Mission St., San Francisco.
Architect—Not Given.
Contractor — Antony Petersen, 2758 San Bruno Ave. $1000

ALTERATIONS
(359) NO. 514 NINETEENTH AVE. Alter dwelling.
Owner—Robert L. Morton, Premises.
Architect—Not Given.
Contractor—Walter G. Vodden, 1135 Cabrillo St., San Francisco. $1000

INDUSTRIAL BLDG.
(360) NW BRYANT AND OAK Grove St. Class C industrial bldg.
Owner — O. J. and L. M. Williams, Premises.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—Not Given. $12,000

ALTERATIONS
(361) NE CALIFORNIA AND WEBster Sts. Alter church.
Owner — Congregation Sherith Israel Premises.
Architect — Hyman & Appleton, 58 Post St., San Francisco.
Engineer—H. Rosenthal, 821 Market St., San Francisco.
Contractor — Dinwiddie Construction Co., 210 Crocker Bldg. $4000

STATION
(362) SE THIRTY-NINTH AVE. & Balboa St. One-story brick and concrete service station.
Owner—Wm. Klute, 495 Haight St., San Francisco.
Architect—R. C. Schuppert, Oakland.
Contractor—Theo. Cohn, Russ Bldg., San Francisco. $3800

ALTERATIONS
(363) NO. 33 MOUNTAIN SPRING St. Alter dwelling.
Owner—Mr. and Mrs. L. A. Bossana, Premises.
Architect—Clarence A. Tantau, Shreve Bldg., San Francisco.
Contractor—F. S. Marshall, 799 Ashbury St., San Francisco. $4800

ALTERATIONS
(364) No. 1832-34-36 FELL STREET. Alter flats.
Owner—F. G. McFarland, 1550 Fell St., San Francisco.
Architect—Not Given. $1400

ALTERATIONS
(365) S CHESTNUT ST. 350 W Fillmore St. Alter storage building and store.
Owner—Ed. Rolkin, 145 McAllister St. San Francisco.
Engineer—Norman B. Green, Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco. $3875

ALTERATIONS
(366) NO. 215-221-229 GOLDEN GATE Ave. Alter offices.
Owner—Warner Bros., Inc., Premises.
Architect—A. A. Schroepfer, 244 Kearny St., San Francisco.
Contractor—Not Given. $4000

ALTERATIONS
(367) NO. 662 BRUNSWICK ST. Alter dwelling.
Owner—Antone Garguilo, Premises.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco: $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
210	Grodin	Peterson	21500
211	General	Owner	4500
212	Jacobs	Hansen	5000
213	Sigwald	Owner	7000
214	Associated	Owner	2000
215	Arnold	Beckett	5000
216	Hogberg	Owner	7000
217	McGurrin	Owner	1800
218	Lundberg	Villa	1394
219	Western	Coburn	3000
220	Netherby	Owner	4000
221	Hammarberg	Owner	9750
222	Baumgardner	Henderson	4714
223	Hiller	Cederborg	27000
224	Steinmann	Owner	2000
225	Splude	Owner	2000
226	Klein	Owner	5000

RESIDENCE
(210) NO. 117 REQUA ROAD, **PIEDMONT.** Two-story 12-room frame residence and garage.
Owner—Mrs. M. Grodin, 1085 Annerly Road, Piedmont.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — J. B. Peterson & Son, 4021 Agua Vista Ave., Oakland. $21,500

STATION
(211) NO. 1720 WEBSTER ST. and 700 Buena Vista Ave., **ALAMEDA** One-story steel and brick service station.
Owner—General Petroleum Corp., Parr Terminal, Oakland.
Architect—Not Given. $4500

DWELLING
(212) NO. 2924 SOUTHWOOD DRIVE, **ALAMEDA.** Two-story 6-room frame dwelling with wood siding.
Owner—J. Jacobs, 1415 Fountain St., Alameda.
Architect—Not Given.
Contractor—Chris. Hansen, 1500 Santa Clara Ave., Alameda. $5000

RESIDENCE
(213) 592 BLAIR AVENUE, **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—Sigwald Bros., 916 Alma Ave. Piedmont.
Architect — Ray Keefer, 770 Wesley Ave., Oakland. $7000

BUILDING
(214) 2596 SHATTUCK AVE., **BERKELEY;** one-story 3-room Class C building.
Owner & Builder—Associated Oil Co., 79 New Montgomery Street, San Francisco. $2000

ADDITION
(215) 315 PARK VIEW TERRACE, **OAKLAND;** brick and concrete addition to garage.
Owner—G. Arnold, 232 Monte Vista Ave., Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $5000

DWELLING
(216) NO. 6050 MARGARIDO DRIVE **OAKLAND.** Two-story 7-room dwelling.
Owner—Hannah Hogberg, 182 Vernon Terrace, Oakland.
Architect—Not Given. $7000

ALTERATIONS
(217) NO. 5667-79 COLLEGE AVE., **OAKLAND.** Alterations.
Owner—Howard McGurrin, 57 Sutter St., San Francisco.
Architect—Not Given. $1800

ALTERATIONS
(218) NO. 539 THIRTY-EIGHTH ST. **OAKLAND.** Alterations.
Owner—Mabel Lundberg, Premises.
Architect—Not Given.
Contractor—Joe Vila, 1207 Solano Ave., Oakland. $1394

REPAIRS
(219) NW E-TWELFTH ST. AND 26th Ave., **OAKLAND.** Fire repairs.
Owner — Western Pacific R. R. Co., Mills Bldg., San Francisco.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $3000

DWELLING
(220) NO. 522 CRAGMONT AVE., **BERKELEY.** One-story 7-room frame dwelling and garage.
Owner—W. A. Netherby, 5853 Lyman Road, Oakland.
Architect—Not Given. $4000

RESIDENCE
(221) NO. 230 SANDRINGHAM RD., **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—Albert Hammarberg, 2340 Le Conte Ave., Piedmont.
Architect—Not Given. $9750

DWELLING
(222) NO. 1934 SAN ANTONIO ST., **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—C. E. Baumgardner, 2063 Allston Way, Berkeley.
Architect—Hardman & Russ, 2068 Allston Way, Berkeley.
Contractor—H. K. Henderson, 20 Avis Road, Berkelye. $4714

DWELLING
(223) NO. 275 TUNNEL RD, **OAKLAND.** Two-story 14-room dwelling and garage.
Owner—Stanley Hiller, Robert Dollar Bldg., San Francisco.
Architect—J. K. Ballantine, Harlan Place, San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. $27,000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No. Owner Contractor Amt.
ALTERATIONS
(78) NO. 815-817 CHENERY STREET Paint exterior of dwelling.
Owner—Ellen Burns, 815 Chenery St., San Francisco.
Architect—Not Given.
Contractor—Frank Griffin Jr.
Filed April 11, '35. Dated ——.
HOLC Contract.
TOTAL COST. $257
Bond, $257. Surety, Coast Surety Co. Limit, forfeit, none. Specifications only filed.

ALTERATIONS
(79) NO. 2137 ALEMANY BLVD. All work for painting exterior of dwelling.
Owner — Frank and Ella E. Boone, Premises.
Architect—Not Given.
Contractor—John G. Exley.
Filed April 15, '35. Dated April 5, '35
HOLC Contract .....
Total Cost. $91.80
Bond, $91.80. Surety, Hartford Accident & Indemnity Co. Limit, 12 calendar days. Forfeit, plans and specifications, none.

ALTERATIONS
(80) NO. 514 NINETEENTH AVE. All work for new room and bath on roof of dwelling.
Owner—Robert L. Morton, Prem.
Architect—Not Given.
Contractor—Walter G. Vodden, 1135 Cabrillo St., San Francisco.
Filed Apr. 16, '35. Dated Apr. 15, '35.
Contract signed $374
Roof of new room on..... 374
New room plastered..... 374
New room completed..... 374
Usual 35 days..... 374
TOTAL COST, $1870
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(81) THIRD AND BERRY STREETS Terminal warehouse. All work for plastering, lathing and tiling walls in first, second and third floors of Warehouse No. 3.
Owner — Southern Pacific Company 65 Market St., San Francisco.
Architect—Not Given.
Contractor—Fred K. Du Puy, 110 Sutter St., San Francisco.
Filed Apr. 16, '35. Dated, ——.
On end of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, $1388
Bond, $1388. Surety, United States Guarantee Co. Limit, 21 calendar days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

No. Owner Contractor Amt.
20 Antwiler Falk 6917

RESIDENCE
(20) LOT 20, Laurel Terrace, Oakland. All work for residence.
Owner—W. E. Antwiler.
Architect—Geo. Obrien, 890 55th St., Oakland.
Contractor — Chas W. Falk, 1520 E-38th St., Oakland.
Filed Apr. 17, '35. Dated Apr. 27, '35.
Main floor joists in place.....$1297
Frame up 1297
Plastering complete 1297
When completed 1297
Usual 35 days..... 1729
TOTAL COST, $6917
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work.
ALTERATIONS Cost $[illegible]
OAKLAND, Alameda Co., Cal. 1238-1240 12th Street.
Alterations to apartments.
Owner—Fred Steinmann, premises.
Architect—Not Given.

3— CHURCHES

Construction Started.
CHURCH Cost, $12,000
HILLSBOROUGH, San Mateo Co. Cal.
One-story frame church building (132 x 207 ft.) to seat 400.
Owner—Burlingame - San Mateo 7th Day Adventist Church (Rev. J. L. Neil, Pastor).
Architect—Not Given.
Contractor—Henry Volker, Burlingame (Burl. 6612).

Sub-Bids Being Taken.
DIOCESAN HOUSE Cost, $40,000
SAN FRANCISCO. Sacramento and Mason Streets.
Two-story reinforced concrete diocesan house (slate roof, steam heating system, steel sash, etc.)
Owner—Grace Cathedral.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Being Done By Day's Work.
ALTERATIONS Cost, $2000
SANTA CRUZ, Santa Cruz Co., Cal. SW Locust and Mission Streets.
Alterations to apartment building for church.
Owner—Messiah Lutheran Church of Santa Cruz (W. E. Menzel, Pastor) Santa Cruz.
Architect—Not Given.
A new building is contemplated for the future.

Contract Awarded.
ALTERATIONS Cost, $5[illegible]
SAN FRANCISCO. NW California and Webster Streets.
Alterations to church.
Owner — Congregation Sherith Israel, premises.
Architect — Hyman and Appleton, 6[illegible] Post Street.
Engineer—H. Rosenthal, 821 M[illegible]
Contractor—Dinwiddie Const[illegible] Crocker Bldg

4— FACTORIES & WAREHOUSES

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. W Evans 175 N Phelps.
Alterations to factory.
Owner—Norton Wool Co., 1600 Fairfax Avenue.
Engineer—Jas. M. Smith, 251 Kearny Street.
Contractor—H. E. Rahlmann, 251 Kearny Street.

Contracts Awarded.
BOILER ROOM BLDG. Cost, $6000
EMERYVILLE, Alameda Co., Cal.
One-story reinforced concrete boiler room building (composition roofing, etc.)
Owner—Shell Development Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland.
Reinforcing Steel—McGrath Steel Co., 2059 Webster St., Oakland.
Roofing — General Roofing Co., 3985 Beach St., Oakland.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Plumbing—Scott Co., 113 Tenth St., Oakland.

Steel Contract Awarded.
ALTERATIONS Cost, $7500
SAN FRANCISCO. No. 942 Howard Street.
Alterations and additions to printing plant (add one story to the present structure, new fire doors, skylights, etc.)
Owner—George Zett.
Engineer—Jas. H. Hjul, 128 Russ St., San Francisco.
Lessee—E. J. Cardinal.
Mgr. of Constr.—James H. Hjul, 128 Russ St., San Francisco.
Steel—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.

Contract Awarded.
WAREHOUSE Cont. Price, $22,782
SACRAMENTO, Sacramento Co., Cal. Sixth and Q Streets.
One-story brick and concrete warehouse (160x160 ft.) concrete floors, composition roofing, etc.
Owner — Dallman Supply Co., Sacramento.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, 1116 O St., Sacramento.

Additional Sub-Contracts Awarded.
FACTORY Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 3224 Wood Street.
One-story steel factory.
Owner—Pacific Graphite Works, 40th and Chestnut Sts., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—E. T. Leiter & Son, 811 37th St., Oakland.
Sheet Metal—East Bay Sheet Metal Works, 1101 Market St., Oakland.
Plumbing—Scott Co., 113 10th Street, Oakland.
Lumber—Tilden Lumber Co., Oakland
As previously reported, structural steel awarded to Herrick Iron Works, 18th and Campbell Sts., Oakland, piles to J. H. Baxter, Foot of Walnut St., Alameda.

Sub-Contracts Awarded.
ADDITION Cont. Price, $67[illegible]
STOCKTON, San Joaquin Co., Calif. Stockton Harbor.
Addition to grain terminal (141,000 sq. ft. of floor space) concrete floors, frame structure, iron roofing and siding, fire walls, etc.
Owner — Port of Stockton Grain Terminal Assn. (Eugene B. Wilkinson, President) Stockton.
Plans by O. H. Chain, 41 South Sutter Street, Stockton.
Contractor — Trewhitt - Shields Co. 1501 Pacific Southwest Building, Fresno.
Plumbing—Miller - Hays Co., 742 E. Weber St., Stockton.
Electric Wiring—Eddy Electric Co., 309 E Weber St., Stockton.
Concrete—J. A. Silva, Stockton.
Reinforcing Steel—Kyle & Co., West Lane, Stockton.
Structural Steel—Kyle & Co.
Lumber—Stockton Lumber Co., 347 S. Commerce St., Stockton.
Grading—Biasotti-Willard & Biasotti, 40 W Clay St., Stockton.

Foundations Started.
FACTORY Cost, $25,000
SAN FRANCISCO. W Newhall 115 N Carroll Street.
One - story reinforced concrete and steel factory (250x111 ft.) corrugated iron roof.
Owner—Pacific Can Company.
Engineers—Ellison & Russell, Pacific Building.
Mgr. of Const.—L. C. Larsen, premises.
Work is to be done by day's labor under the supervision of L. C. Larsen.

Sub-Contracts Awarded.
PACKING PLANT
Cont. Price, $12,638
SANTA CLARA, Santa Clara Co., Cal.
Two-story packing plant (71.6x137.6 ft.) concrete and brick walls, wood first floor, concrete slab for basement, asbestos roof, etc.
Owner—Santa Clara Pear Packers Association.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—N. J. Nielsen, 1270 Iris Court, San Jose.
Sheet Metal—A. J. Petera & Son, 455 E. Washington St., San Jose.
Concrete—J. C. Bateman, 573 Heddin St., San Jose.
Reinforcing Steel — San Jose Steel Placing Co., San Jose.
Structural Steel—Harold Hellwig, 150 S-Montgomery St., San Jose.
Glass—East Bay Glass Co., San Jose.
Lumber—Chase Lumber Co., San Jose.
Hardware—San Jose Hardware Co.
Painting—Mortenson Bros., 453 Atlanta Ave., San Jose.
Grading—A. G. Lantz, 931 Shiele Ave. San Jose.
Brick and Stone Work—F. Tibin, 1140 Martin Ave., San Jose.

Contract Awarded.
PLANT AND WAREHOUSE
Cost including equip. $25,000

NOTICE

Mr. E. E. Hanley wishes to announce that he has discontinued partnership with Mr. McCrellis, and is still conducting business from 1443 18th Avenue. Telephone Montrose 1350.

He also wishes to announce that he is in a position to install any Hardwood Floor job, large or small, with personal and efficient service guaranteed.

Phone Montrose 1350, or write to 1443 18th Ave. for an estimate before awarding your hardwood floor contract.

E. E. HANLEY.

STOCKTON, San Joaquin Co., Stockton Harbor (40x50 ft.)
Three - story galvanized iron bean-cleaning plant and warehouse.
Owner—Haslett Warehouse Company, 280 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—C. H. Dodd, 1206 Buena Vista, Stockton.

Plans Completed.
FACTORY Cost, $10
SAN FRANCISCO. NW Bryant and Oak Grove.
Class C industrial building.
Owner — C. J. and L. M. Wil[illegible] premises.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.

Sub-Contracts Awarded.
ADDITION Cost, $21,000
SACRAMENTO, Sacramento Co., Cal., 3031 D Street.
Addition to factory.
Owner—Pureta Sausage Co., 3031 D St., Sacramento.
Architect—Not Given.
Contractor—Holdener Const. Co., 2608 R Street, Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento.
Plumbing—L. U. Plummer, 1019 J St., Sacramento.
Electric Wiring—Carl F. Vining, 2909 G St., Sacramento.
Sheet Metal—Ahl Sheet Metal Works, 1615 21st St., Sacramento.
Concrete—General Contractors.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel—Palm Iron Works, S and 15th Sts., Sacramento.
Lumber—Friend & Tarry, Front and S Sts., Sacramento.
Lathing and Plastering—S. A. Tuchfarber, 2116 36th St., Sacramento.
Mill Work—Burnett & Sons, 11th and C Sts., Sacramento.
Grading—J. R. Reeves, American River and 12th Sts.
Brick and Stone Work—W. J. Clifford, 2915 S St., Sacramento.

5— FLATS

Contract Awarded.
FLATS Cost, $10,000 each
SAN FRANCISCO. S North Point St. W Webster Street.
Two two-story and basement frame and stucco flats.
Owner—L. Handlesman.
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $8,000
SAN FRANCISCO. E Fillmore 75 S Jefferson Street.
Two - story and basement frame and stucco flats.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.

To Be Done By Day's Work.
ALTERATIONS Cost [illegible]
SAN FRANCISCO. 1832-34-36 Fell St.
Alterations to frame flats.
Owner—F. G. McFarland, 1550 Fell St.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Plans Completed.
GARAGE & SERVICE STATION Cost, $8,000
SAN FRANCISCO. W Alemany Blvd. 140 S Geneva Ave.
One - story Class C reinforced concrete public garage (45x60 feet) and one-story reinforced concrete service station (40x22 ft.)
Owner—C. Restani, Alemany Boulevard and Geneva Avenue.
Engineer—Jas. M. Smith, 251 Kearny Street.
Owner will take segregated bids in a few days.

Contract Awarded.
SERVICE STATION Cost, $2,000
SAN FRANCISCO. NE Geary and Collins Streets.
Class C service station.
Owner—Sol Getz and Sons, deYoung Building.
Architect—R. C. Schuppert, 4639 Park Blvd., Oakland.
Contractor—B. Miller, 589 Haddon Rd. Oakland.

Plans Completed.
SERVICE STATION Cost, $7,000
ALAMEDA, Alameda Co., Cal. Webster and Buena Vista Ave.
One-story steel and brick service station.
Owner—General Petroleum Corp., Parr Terminal, Oakland.
Plans by Engineering Dept. of Owner. Bids will be asked in about two weeks.

To Ask Bids In One Week.
SERVICE STATION Cost, $7000
SAN FRANCISCO. NE Fell St. and Masonic Avenue.
Class A steel service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Contracts Awarded.
SERVICE STATION Cost, $3000
SAN JOSE, Santa Clara Co., Cal. No. 101 S-Market Street.
Gasoline service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Steel Building — Independent Iron Works, 821 Pine St., Oakland.
Plumbing—Wm. Ehlert, 956 The Alameda, San Jose.
Paving — Pacific Truck Service, 646 Park Ave., San Jose.
Electric—Guilbert Bros., 286 W-Santa Clara St., San Jose.

Contract Awarded.
ADDITION Cost, $5,000
OAKLAND, Alameda Co., Calif. 315 Park View Terrace.
Brick and concrete addition to garage.
Owner—G. Arnold, 232 Monte Vista Ave., Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Plans Being Figured.
SERVICE STATION Cost, $——
SAN JOSE, Santa Clara Co., Calif. Santa Clara and San Pedro St.
Super-service station (steel and brick construction).
Owner—Baumgartner Bros., 147 West Santa Clara St., San Jose.
Architect — Ralph Wyckoff, San Jose National Bank Bldg., San Jose.

Sub-Contracts Awarded.
TIRE STATION Cost, $30,000
SAN FRANCISCO. NW Turk Street and Larkin.
One - story concrete tire, battery and oil station (concrete floors, steel sash, composition and tile roofing, etc.)
Owner—F. H. Rolandi.
Architect—H. A. Minton, 525 Market Street.
Engineer—L. H. Nishkian, 525 Market Street.
Lessee—Kahn & Keville.
Contractor — Moore and Roberts, 393 Mission Street.
Lumber—Smith Lumber Co., 4th and Channel Streets.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sts.
Concrete—California Concrete Co., 1632 Steiner Street.

Contract Awarded.
SERVICE STATION Cost, $4,000
SAN FRANCISCO. SE 39th Avenue and Balboa Street.
One-story brick and concrete service station.
Owner—Wm. Klute, 495 Haight St.
Architect—R. C. Schuppert, 4639 Park Blvd., Oakland.
Contractor—Theo. Cohn, Russ Bldg.

Contract Awarded.
ADDITION Cost, $8,000
OAKLAND, Alameda Co., Calif. [illegible] Grand Avenue.
Addition of 18-car garage for apartment building and construct roof garden.
Owner—Park Terrace Apartments, 240 Grand Ave., Oakland.
Architect—E. L. Snyder, 2101 Addison St., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

To Be Done By Day's Work.
SERVICE STATION Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 1335 So. Lincoln Street.
Service Station.
Owner—F. H. Rodgers, 1335 So. Lincoln St., Stockton.
Architect—Not Given.

7— FEDERAL BUILDINGS

BIDS OPENED
SAN FRANCISCO—San Francisco Construction Company, 3159 Fillmore St., at $444 submitted low bid to Custodian, U. S. Marine Hospital, for dampproofing basement walls of buildings Nos. 11, 12, 13, 14 and 15, at the U. S. Marine Hospital, San Francisco. Complete bids follow:

San Francisco Constr. Co.	$ 444
Gill-Mann Company	893
K. S. Silverberg	1123
Conrad B. Sovig	1339

Bids held under advisement.

Plans Being Completed.
MINT Cost, $1,225,000
SAN FRANCISCO. Duboce Ave., Herman, Buchanan and Webster Streets.
Five-story reinforced concrete mint (may have granite base).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans will be completed about June 1, at which time bids will be asked Whether grading bids will be called for separately or be included in the general call for bids is not determined at this time.

COMPLETE BID LISTING
SAN JOSE, Canta Clara Co., Cal.—As previously reported, Patterson Bros., 573 Santa Rosa Ave., Berkeley, at $1930 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office, San Jose. Complete bids follow:
Patterson Brothers, Oakland, $1932.
Neuman Bros., McMinnville, Oregon, $1953.
Cramer Bros., 1325 Clement St., San Francisco, $2160.
Arthur M. Gelsen, Chicago, Illinois, $2278.
D. Zelinsky & Son, Inc., San Francisco $2378.
R. P. Paoli & Co., 1535 Lombard St., San Francisco, $2970.
K. H. Lawrence, 1595 McKindrie St., San Jose, $6421.

BIDS WANTED
MARE ISLAND, Cal.—Until May 15

11 A. M., bids will be received by the Public Works Officer, U. S. Navy Yard Mare Island, for furnishing and installing three elevator safety gates to replace those now in use on elevators in the Medical Supply Depot, Building 229, at the Mare Island Navy Yard. Spec. No. 7928.

Plans and specifications obtainable from above office upon deposit of $5.

CONTRACT AWARDED

PORTLAND, Oregon — West Coast Painters, Inc., Kullen Bldg., Seattle, at $19,240 awarded contract by Treasury Department for painting and miscellaneous repairs at the U. S. Post Offic Building, Portland, Oregon.

BIDS WANTED.

LONG BEACH, Los Angeles Co., Cal.—Until May 8, 10 A. M., bids will be received by Treasury Department, Procurement Division, Washington, D. C., for furnishing directional signs in the U. S. Post Office at Long Beach. Specifications may be obtained from above office and from the Custodian of the building at Long Beach.

BIDS REJECTED

GRAND COULEE, Wash.—Bureau of Reclamation, Almira, Wash., rejected all bids for the construction of the garage and firehouse at Grand Coulee. Clark & Earley, White Bldg., Seattle, at $24,264 submitted lowest bid.

Building will have outside walls of reinforced concrete; timber inside partitions covered with portland cement plaster over metal lath; timber roof supported on structural steel trusses covered with built - up roofing, concrete floors; plumbing, heating, and electrical work. Spec. No. 613.

CONTRACT AWARDED

SAN FRANCISCO—Berger Mfg. Co., 102 New Montgomery St., at $2189 awarded contract by Treasury Department for furnishing and installing metal shelving for the Post Office building, San Francisco.

GRASS VALLEY, Nevada Co., Cal. —Until April 24, 3 P. M., bids will be received by Postmaster Roy L. Terrell, Jr., Grass Valley, for the placing of wall hydrants and other attendant plumbing necessities at the Grass Valley post office.

Bids Wanted—To Close May 20.

INSPECTION STATION $66,000
NACO, Arizona
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

CONTRACT AWARDED

HONOLULU, T. H.—Hawaiian Contracting Co., Honolulu, T. H., at $58,-800 awarded contract by Treasury Department, Washington, D. C., for the construction of a wharf, shed, disinfecting building, etc., at the U. S. Quarantine Station, Honolulu, T. H.

Complete bids published Jan. 23.

BIDS WANTED

CORVALLIS, Oregon—Until May 10, 10:00 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office at Corvallis, Oregon. Specifications may be obtained from above office and from the Custodian of the building at Corvallis, Oregon.

LOW BIDDER.

LOS ANGELES, Cal.—L. D. Richardson & Co., Beverly Hills, at $25,-240 submitted low bid to the Veterans Administration, Washington, D. C., for the construction of alterations to Building No. 114 for Regional Office at the Veterans' Administration Facility, Los Angeles. Work involves reinforced concrete, hollow tile, brick, work, marble, linoleum, iron work, metal lathing, plastering, sound deadening, carpentry, painting, glazing, hardware, plumbing, heating, etc.

BIDS WANTED

PORT TOWNSEND, Wash.—Until April 25, bids will be received by Division of Supply, Treasury Department, Washington, D. C., for Venetian blinds for the U. S. Post Office, Port Townsend, Washington. Proposal No. 6707.

BIDS WANTED

HOQUIAM, Wash.—Until May 13, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office, Hoquiam, Washington.

Specifications may be obtained from above office and from the Custodian of the building at Hoquiam, Wash.

Bids Wanted—To Close May 20, 1 P. M.

INSPECTION STATION $66,000
NACO, Arizona.
U. S. Inspection Station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office upon deposit of $15.

CONTRACT AWARDED

INGLEWOOD, Los Angeles Co., Cal. —Lombard & Ludwig, Inc., Washington, D. C., at $68 awarded contract by Treasury Department, for plaster models for the proposed Post Office building for Inglewood.

CONTRACT AWARDED

SAN MATEO, Cal. — Lombard & Ludwig, Inc., 1428 Church St., awarded contract by Treasury Department, Washington, D. C., at $28 for plaster models for the Post Office Building at San Mateo.

CONTRACT AWARDED

PUYALLUP, Washington — Until April 23, bids will be received by Treasury Department, Washington, D. C., for plaster models for the proposed Post Office Building at Puyallup, Washington.

BIDS WANTED

FAIRBANKS, Alaska. — Until June 10, 10 A M., bids will be received by the Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. post office, courthouse and jail at Fairbanks.

Specifications may be obtained from the above office and from the Custodian of the building at Fairbanks.

8— CLUB BUILDING

Commissioned To Prepare Plans

ADDITION Cost, $——
OAKLAND, Alameda Co., Cal. Lakeside Park.
Addition to lawn bowling club house (add additional rooms, re-arranging interior, etc)
Owner—City of Oakland.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

9— HOSPITALS

Segregated Bids Being Taken.

HOSPITAL, ETC, Cost, $60000
ORLEANS, Humboldt Co., Calif.
One - story wood frame hospital unit and community center (53x36 ft.) shingle roof, wood floors, etc.
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 581 Market St., San Francisco.
Building is to be constructed for the Mission of the Holy Spirit (Rev. C. W. Sills, Pastor).
Segregated bids are being taken as follows:
Plumbing, Painting, Mill Work, Labor, Rough Lumber Sheet Metal, Excavation, Electrical Work, etc.

10— HOTELS

Planned.

HOTEL Cost, $100,000
COALINGA, Fresno Co., Cal.
New hotel building (replace Fox Hotel recently destroyed by fire).
Owner—Hamilton Chain Hotels (Clayton V. Smith, Vice President).
Architect—Not Selected.
Further details will be announced shortly.

To Ask Bids In One Week

ALTER HOTEL Cost, $——
MODESTO, Stanislaus Co., Cal. 6th Ninth Street.
Remodel Eurona Hotel (work involves painting, decorating, etc.)
Owner—Jack Gilligan.
Architect—G. N. Hilburn, 1213 I St., Modesto.

PLANNED

COALINGA, Fresno Co., Cal. — Coalinga Chamber of Commerce has authorized directors of the chamber to conduct a community drive to raise funds to finance the construction of a new hotel in Coalings, to replace the Fox Hotel which was destroyed by fire April 1. The directors have also been authorized to get in touch with architects and builders relative to plans and cost estimates. Tentative plans contemplate a structure to cost about $100,000.

11—ICE & COLD STORAGE PLANTS

CONTRACTS AWARDED

BONNEVILLE, Oregon—Following awarded contract by Fish Commission of the State of Oregon, for refrigeration plant and insulation work at the Bonneville Fisheries Station, Bonneville, Oregon:

Refrigeration Building — Harris Ice Machine Works, 626 N. Tillamook St., Portland, $6329.

General Work—Kurtz L. Lorin, 4306 SE Washington St., Portland, $7415.

CONTRACT AWARDED

SAWTELLE, Los Angeles Co., Cal. Gay Engineering Co., 2650 Santa Fe Ave., at $4497 awarded contract by Veterans' Administration for alterations to refrigerators in buildings Nos. 13 and 117 at the Veterans Administration Facility, Sawtelle.

CONTRACT AWARDED

TUCSON, Ariz. — Copeland Refrigeration Co., Detroit, Mich., has been awarded a contract for installing an air cooling system in the Santa Rita hotel in Tucson. Cost, $21,000.

12— POWER PLANTS

BIDS WANTED

MARE ISLAND, Calif.—Until Apr. 30, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard Mare Island, for an electric power line from Crescent City to the U. S. Naval Direction Finder Station, Point St. George. Work includes poles, anchors.

guys, cross arms, insulators, wires, transformers, underground cable cut-outs, switches and lightning arresters, all installed complete and ready for service. Specification No. 7919.

Plans and specifications may be obtained from above office upon deposit of $5.00.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.
AUDITORIUM Cost, $60,000
EUREKA, Humboldt Co., Cal. SW Eleventh and Twelfth Sts.
Civic Auditorium (110x190 feet), redwood construction, steel truss roof (stage, dance floor with 12,000 sq. ft., seating capacity of 2200, etc.)
Owner—City of Eureka.
Architect—Frank Georgeson and Newton Ackerman.
The City will vote on June 17 on a proposal to issue bonds, proceeds to finance the construction of the proposed building.

BIDS WANTED
QUINCY, Plumas Co., Cal.—Until May 6, 10:00 A. M., bids will be received by John Donnenwirth, Clerk, County Board of Supervisors, for re-roofing the Plumas County Courthouse at Quincy.
Plans and specifications may be obtained from above office.

Planned.
CIVIC IMP. Cost, $100,000
DALY CITY, San Mateo Co., Calif.
Civic improvements (work includes community center bldg., new library, modernize city hall and firehouses, new jail, recreation center, auditorium, etc.)
Owner—City of Daly City.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
The City Council contemplates a bond issue in the near future, proceeds to finance construction of proposed work.

Contract Awarded.
BOILER PLANT EQUIP. Contract Price, $[illegible]
CAMARILLO, Ventura Co., Cal. State Hospital.
Boiler plant equipment for boiler plant under construction at State Hospital (work involves 2 300-hp. water tube boilers complete with foundations, burners, pumps, piping and other appurtenances).
Owner—State of California.
Architect—Geo. M. McDougall, State Architect, Public Works Building, Sacramento.
Contractor — Walter S. Leland Co., Walnut Creek.
Complete bids published April 3.

CONTEMPLATED.
SACRAMENTO, Cal.—Appr[illegible] of $10,000 to pay for remodeling and modernizing senate committee rooms in the State Capitol is sought in a bill prepared by Senator Chas. H. Deuel. Preliminary plans for the work have been prepared by State Architect Geo. MacDougall.

LOAN AND GRANT CANCELLED.
REDWOOD CITY, San Mateo Co., Cal.—The PWA has cancelled the loan and grant in the amount of $167,000 made to the County of San Mateo to finance construction of a new courthouse in Redwood City. Failure on the part of the Board of Supervisors to call a bond election for $124,000 was the cause of the cancellation.
Preliminary plans prepared by Architects W. H. Toepke, 126 Post St., San Francisco, and E. L. Norberg, 307 Occidental Ave., Burlingame.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E 33rd Avenue S Judah Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Plans by Owners.

Contract Awarded.
ALTERATIONS Cost [illegible]
SAN FRANCISCO. 33 Mountain Spring
Alterations to frame residence.
Owner—L. A. Bossana, premises
Architect—C. A. Tantau, Shreve Bldg.
Contractor—F. S. Marshall, 799 Ashbury Street.

Contract Awarded.
ADDITION Cost $1[illegible]
SAN FRANCISCO. 514 19th Avenue.
Addition to residence (add new room and bath on roof).
Owner—Robert L. Morton, premises.
Architect—Not Given.
Contractor—Walter G. Vodden [illegible] Cabrillo.

Contract Awarded.
RESIDENCE Cost [illegible]
BERKELEY, Alameda Co., Cal [illegible] San Antonio.
One - story and basement frame and stucco residence (5 rooms).
Owner—C. E. Baumgartner, 2068 Allston Way, Berkeley.
Architect—Hardman & Russ, 2068 Allston Way, Berkeley.
Contractor—H. J. Henderson 20 Ave's Road, Berkeley.

Sub-Bids Being Taken.
RESIDENCES Cost, $6000 each
SAN FRANCISCO, Balboa Terrace.
Two one-story and basement frame and stucco residences .* rooms each); tile and composition roofing, gas hot air heating system, wood sash, tile baths, etc.
Owner and Builder—A. J. Herzig, 635 Victoria St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Calif. Mt. View and Grand Avenue.
Two-story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfield.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked in one week.

Contract Awarded.
RESIDENCE Cont. Price, $6,917
OAKLAND, Alameda Co., Calif. Wisconsin St. near Laurel St.
One - story and basement frame and stucco residence (6 rooms, 2 baths tile and composition roof, gas hot air heating plant, hardwood floors tile baths, etc.
Owner—W. E. Antwiler.
Architect—Geo. O'Brien, Federal Telegraph Bldg., Oakland.
Contractor—C. W. Falk, 1520 E 38th St., Oakland.

BIDS OPENED.
TUOLUMNE COUNTY, Cal.—S. C. Giles, 121 Knoles Way, Stockton, at $20,800 submitted low bid to Public Utilities Commission, Room 287, City Hall, for the construction of four 1-story and basement wood frame cottages with concrete foundations. Exteriors will be of cement plaster with stucco finish; interior finish of hard-wall plaster. Buildings will be approximately 30x48 ft. each. Work include furnishing and installing all wate supply piping and all hydrant piping fittings, valves, pressure reducing valve, concrete box and cover and connecting to present water supply pipe at Station WO plus 00
Complete bids follow·
S. C. Giles, Stockton..... $20,800.0
L. Ubels, Ripon 21,125.0
Aetna Const. Co., S. F..... 21,919.0
A. Nelson, Inc., S. F..... 23,255.0
A. Soda & Son, Oakland..... 24,236.6
Bids held under advisement.

Contract Awarded.
ADDITION Cost, $2000
PALO ALTO, Santa Clara Co., Calif. No. 233 Newell Road.
Addition to residence.
Owner—Low Kin, Premises.
Architect—Not Given.
Contractor—Hand Bros., 459 Bowdoin St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Moraga Road.
Two-story frame and stucco residence (6 rooms and 2 baths); tile roof, gas hot air heating system, hardwood floors, etc.
Owner—Johanna C. Sands.
Architect—Noble & Archie Newsom, Kuss Bldg., San Francisco.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Sub-Contracts Awarded.
RESIDENCE Cost, $6,5[illegible]
PALO ALTO, Santa Clara Co., Calif. 1480 Hamilton Avenue.
Two-story frame and stucco residence
Owner—Andrew Aro.
Architect—Not Given.
Contractor—Aro & Okerman, Box 435, Palo Alto.
Roofing—Marshall's Shingle Co., 3729 Telegraph Ave., Oakland.
Plumbing—Wallace & Stump, Mountain View.
Electric Wiring—H. Fend[illegible] Park.
Heating and Sheet Metal—Stanford Sheet Metal Works, Palo Alto.
Furnace—Mar's Gas Furnace, 668 Geary St., San Francisco.
Tile Work—Bloomquist Tile Co., Redwood City.
Brick and Stone Work—C. Mezzapelle, Palo Alto.
Lumber—Merner Lbr. Co., Palo Alto.
Painting—O. R. North, Palo Alto.
Plastering—H. K. Tultz, Mt. View.
Finish Materials—G. F. Cleese, Menlo Park.
Grading—N. Johnson, Palo Alto.
Foundations—J. Emma & Co., Palo Alto.

Plans Being Prepared.
RESIDENCE Cost, $5,00[illegible]
LAFAYETTE, Contra Costa [illegible]
Two-story frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.

Commissioned To Prepare Plans.
RESIDENCES Cost, $5,000 each
BERKELEY, Alameda County, Calif. Spruce Street.
Two one-story and basement frame and stucco residences.
Owner—N. B. Douglass, 28 Domingo, Berkeley.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.

Being Done By Day's Work.
RESIDENCE Cost, $7,500
LOS ALTOS, Santa Clara Co., Calif.
Two-story frame residence (6 rooms) Dutch - Colonial type; asbestos shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.

Owner—E. A. Franklin, Los Altos.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Work is being done by day's labor under the supervision of the owner

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco residence (8 rooms and 2 baths).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Plans Being Figured—Bids Close April 26, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO. Casa Way.
Two-story and basement frame and stucco residence (9 rooms and 3 baths); tile roof, hardwood floors, tile baths, etc.
Owner—W. C. Fox Jr.
Architect—Fred Reimers, 233 Post St., San Francisco.
Fred Du Puy, 110 Sutter St., is figuring the plans. Heating bids will be taken separately at a later date.

Segregated Bids Being Taken.
RESIDENCE Cost, $8500
BERKELEY, Alameda Co., Cal. Santa Barbara Road.
Tw - story and basement frame and brick veneer residence (7 rooms, 2 baths) shake roof, gas hot air heating system, steel sash, etc.
Owner—Withheld.
Architect—E. S. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $8,000
SAN FRANCISCO. 3421 Jackson St.
Alterations to frame residence.
Owner—E. C. Hill, care contractor.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—A. F. Mattock Co., 212 Clara Street.

Contract Awarded.
RESIDENCE Cost, $8,000
LOS GATOS, Santa Clara Co., Cal. Oak Knoll Tract.
One-story frame and stucco residence.
Owner—Mortimer C. Leventritt.
Architect—Winfield Scott Wellington, 1525 Arch St., Berkeley.
Contractor—J. C. Monk, 45 Tait Ave. Los Gatos.

Contract Awarded.
RESIDENCE Cost, $[illegible]
PIEDMONT, Alameda Co., Calif. 117 Requa Road.
Two - story and basement frame and stucco residence (21 rooms).
Owner—Mrs. M. Grodin, 1085 Annerly Road, Piedmont.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—J. B. Peterson and Son, 4021 Agua Vista Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. 2921 Southwood Drive.
Two-story wood frame residence (six rooms) wood siding, etc.
Owner—J. Jacobs, 1415 Fountain St., Alameda.
Architect—Not Given.
Contractor—Chris Hansen, 1500 Santa Clara Ave., Alameda.

Sub-Bids Being Taken.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Thirty-third Ave. and Ortega Street.
Thirteen one-story and basement frame and stucco residences (six rooms each) tile slate, shingle roofs, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner and Builder — Henry Doelger, 300 Judah Street.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Twenty-third Ave. S Ocean Avenue.
Six one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 1574 28th Ave., San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000 each
SAN FRANCISCO. E Tenth Ave. S Pacheco Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 1574 28th Ave., San Francisco.
Plans by F. T. Houweling, 830 Prague St., San Francisco.

To Be Done By Day's Labor.
RESIDENCE Cost, $4500
SAN FRANCISCO. N Burrows St. 103 NE Goettingen Street.
One-story and basement frame and stucco residence.
Owner and Builder—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
REDWOOD CITY, San Mateo Co., Cal. 1710 Hopkins Avenue.
One-story frame residence (4 rooms)
Owner and Builder—B. P. Arata, 935 Main St., Redwood City.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Cal. No. 635 Bristol Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—E. J. Rider.
Architect—Not Given.
Contractor—C. I. Carlson, 807 North Madison St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2467 15th Ave.
Alterations to frame residence.
Owner—R. W. Harbaugh, premises.
Architect—Not Given.
Contractor — L. H. Stevenson, 130 Merced Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 16th Avenue S Rivera Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. S Wayland 92 W Girard.
One - story and basement frame and stucco residence.
Owner—Nick Gunons, care contractor.
Architect—Not Given.
Contractor — Richard Delucchi, 3275 San Bruno Avenue.

Contract Awarded.
RESIDENCE Cost, $6421
SAN JOSE, Santa Clara Co., Cal. N Ayer Ave., bet. 1st and San Pedro Streets.
One-story and basement frame and stucco residence.
Owner—William H. Jung, 457 Almaden Ave., San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Contractor—G. M. Latta, 157 Rhodes Court, San Jose.

Low Bidder.
ALTERATIONS Cost, $900 Approx
SAN FRANCISCO. 2109 Baker Street
Alterations to frame residence (work involves plumbing, fireplace, etc.)
Owner—H. P. Plummer.
Architect—Warren E. Perry, 260 California Street.
Low Bidder — D. B. Gladstone, 557 Market Street.

To Be Done By Day's Work.
RESIDENCE Cost, $8,000
PIEDMONT, Alameda Co., Calif. 592 Blair Avenue.
Two-story frame and stucco residence (8 rooms, 3 baths) shake roof, gas heating system, hardwood floors, wood sash.
Owner and Builder—Sigwald Brothers 916 Alma Ave., Oakland.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.

Plans Being Completed.
RESIDENCE Cost, $9500
BAYWOOD, San Mateo Co., Calif.
One and one-half-story frame and stucco residence (8 rooms and 3 baths); shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked in about one week.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 952 Hillsdale Avenue.
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 1701 Eleventh Street.
Two-story frame and stucco residence
Owner—Modernize Sacramento Exposition.
Architect—Harry Devine, representing the American Institute of Architects, Sacramento members.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Roofing—Allyn Burr Co., 11th and R Streets.
Plumbing — Harvey Holland, 1715 P Street.
Finish Material—Sierra Mill & Lumber Co., 201 Second St.
Electric Wiring—Geo. C. Foss, 1720 Eighth St.
Heating and Sheet Metal — Wagner Sheet Metal Works, 2900 M St.
Brick and Stone Work—Harry Johnson, 818 26th Street.
Tile—Fischer Tile & Marble Works, 1219 J St.
Concrete—Carl R. Diedler.
Glass—W. P. Fuller & Co., 1013 12th Street.
Lumber—Friend & Terry Lumber Co., Front and S Sts.
Hardware — Shorrock Smith Hardware Co., 818 J St.
Painting — W. H. Raymond Co., 2710 Donner Street.
Lathing and Plastering—Thomas F. Scollan, 2919 T Street.
All of Sacramento.

Preparing Preliminary Plans.
RESIDENCE Cost, $——
OROVILLE, Butte Co., Cal.
Two-story frame and stucco residence (6 rooms).

Owner—Withheld.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Low Bidder.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Wisconsin St. near Laurel St.
One-story and basement frame and stucco residence (6 rooms and 2 baths) tile and composition roof, gas hot air heating plant, hardwood floors, tile baths, etc.
Owner—W. E. Antwiler.
Architect—Geo. O'Brien, Federal Telegraph Bldg., Oakland.
Low Bidder—C. W. Falk, 1520 E-38th St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. Danvers St. near Eighteenth Street.
One - story and basement frame and stucco residence (5 rooms) Pabco roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Mr. Minomy.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 11th Avenue.
Heating and Sheet Metal—Atlas Htg. & Vent. Co., 557 4th St.
Plumbing—Security Plumbing Co. 1657 Market Street.
Electric Wiring—Fred Johnson Elec. Co., 3363 Army Street.
Mill Work—Western Woodworking Co. 666 Guerrero Street.
Roofing—James Reilly, 20 Isabel St.
Lumber—Sudden Lumber Co., Evans and Quint Streets.

Contract Awarded.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two - story and basement frame and stucco residence (7 rooms and 2 baths) shingle roof, gas hot air heating system, tile baths, hardwood floors, steel sash, etc.
Owner—Mrs. L. Baker, 602 Sycamore St., Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rt. 1, Box 541, Modesto.

To Ask Bids April 17.
RESIDENCE Cost, $15,000
FAIRFAX, Marin Co., Cal.
Two-story frame, stucco and brick veneer residence; shingle roof, gas heating system, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contract To Be Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame residence.
Owner—Dr. R. T. Sutherland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. N Broadway 25 E Hyde Street.
Two two-story frame and stucco residences.
Owner—L. Bianci, 3460 Scott Street.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesad Street.

Bids Opened.
RESIDENCE Cont. Price, $2773
SAN JOSE, Santa Clara Co., Calif. 14th and Washington Streets.
One-story frame and stucco residence (5 rooms) tile roof, gas floor furnaces, wood sash, hardwood floors, etc.
Owner—Charles Cruthers Realty Co.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Low Bidder—V. J. Sunzeri, 176 N. 31st St., San Jose.
Complete bids follow:

V. J. Sunzeri	$2773
C. F. Keesling	2834
J. Gohranson	2869
Frank Neves	2939
Jos. Santi	2941
M. W. Reese	3028
Dyke Walton	3195

All of San Jose.
Contract to be awarded to low bidder shortly.

Contract Awarded.
RESIDENCE Cost, $6250
PALO ALTO, Santa Clara Co., Calif. No. 2144 Webster St.
One-story and basement frame and stucco residence.
Owner—C. C. Scott, 2399 South Court St., Palo Alto.
Architect—Not Given.
Contractor — Smith - Burke Co., 130 Byron St., Palo Alto.

CONTRACT AWARDED
GRAND COULEE, Wash. — MacDonald Bldg. Co., 1517 S. Tacoma Way, Tacoma, Wash., at $37,804.50 awarded contract by Bureau of Reclamation for the construction of one 7-room and four 5-room residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project, Washington.
Residences will be of wood frame construction with siding over sheathing on exterior walls, plastered interior walls and ceilings; wood shingle roofing, 1-pipe gravity vacuum steam heating system and hot air heating system, etc.; Spec. No. 615.

Contract Awarded.
RESIDENCE Cost, $10,000
SANTA ROSA, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (9 rooms and 2 baths) Johns Manville asbestos shingle roof, oil burning heating system, hardwood floors, tile baths wood sash, etc.
Owner—M. E. Crossfield.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

14— RESIDENCES

Being Done By Day's Work.
ALTERATIONS Cost, $5,000
MANTECA, San Joaquin Co..
Alterations to residence (work involves painting, plumbing, tile work, roofing, heating, etc.
Owner—A. D. Goodwin, Manteca.
Architect—Frank Mayo, 108 E. Miner St., Stockton.
Work is being done by day's labor under the supervision of the owner.

To Ask Bids In One Week.
RESIDENCE Cost, $5,500
SALINAS, Monterey Co., Cal. Maple Park.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas hot air heating system, hardwood floor, tile bath, etc.
Owner—Mr. Foust.
Architect—Chas. Butner, 51 Maple St., Salinas.

To Be Done By Day's Work.
RESIDENCE Cost
OAKLAND, Alameda Co., Calif. 605 Margarido Drive.
Two - story and basement frame and stucco residence (7 rooms).
Owner—Hannah Hogberg, 182 Vernon Terrace, Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $[illegible]
SAN FRANCISCO. S Jefferson West Webster Street.
One - story and basement frame and stucco residence.
Owner & Builder—Ben Llebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market Street.

Sub-Contracts Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. Thirty-fifth Ave. between Irving and Judah Streets.
One - story and basement frame and stucco residence (5 rooms) Pabco roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—Dr. John J. McCarthy.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 11th Avenue.
Roofing—James Reilly, 20 Isabel St.
Plumbing—Security Plumbing Co. 1657 Market Street.
Electric—B. J. Doherty, Church St.
Heating and Ventilating—Atlas Htg. & Bent. Co., 557 4th St.
Concrete—D. O'Connor and Son, 1367 25th Avenue.
Lumber—Sudden Lumber Co., Evans and Quint Streets.
Painting—A. W Stoneback, 2020 [illegible] Street.
Lathing and Plastering—Lee Nix, 4127 Kirkham Street.

To Be Done By Day's Work.
RESIDENCE Cost $10,000
PIEDMONT, Alameda Co., Calif. 2[illegible] Sandringham Road.
Two - story and basement frame and stucco residence (7 rooms).
Owner and Builder—Albert Hammarberg, 2340 LeConte Ave., Oakland.
Architect—Not Given.

15— SCHOOLS

CONTRACT AWARDED
LOS ANGELES, Cal.—Johnson and Dahlquist, 2310 Duane St., awarded contract by Los Angeles board of education at $109,716, for two one-story frame and stucco school buildings and reconstructing 1-story, Class D brick school building at 49th Street school, 4917 McKinley Ave. H. C. Deckbar, 3204 W 6th St., architect, and H. A. Nelson, 312 Associated Realty Bldg., structural engineer.

AWARD RECOMMENDED
PASADENA, Cal.—E. F. Wopschall, 35 N Broadway. Pasadena, awarded a contract at $27,186 by Pasadena board of education, subject to approval of PWA for repairing and strengthening the Daniel Webster elementary school. H. C. Nickerson, 1041 E. Green St., Pasadena, architect.

LOW BIDDER.
LOS ANGELES, Cal.—Whittaker & Snook, 124 Arrellaga St., Santa Barbara, submitted low bid to Pasadena board of education at $176,500, for strengthening and repairing Washington Junior high school. Frederick Kennedy, Jr., 1041 E. Green St., Pasadena, architect.

BID OPENING DATE POSTPONED
PASADENA, Cal.—Until April 30 11 A. M. (opening date postponed from April 23) bids will be received by the Pasadena board of education for repairing and strengthening the John Muir Technical high school building. Cyril Bennett, 31[illegible] First Trust Bldg., Pasadena, architect.

Bids Relected.
P. O. EXTENSION Cost, $110,000
SANTA CRUZ, Santa Cruz Co., Cal.
Extension and remodeling of present post office building (stone and terra cotta exterior, tile roof, etc.)

Owner—United States Government
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
All bids rejected. On bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $81,700.
Complete bids published April 3.

Bids Opened.
SCHOOL Cost, $205,000
SAN FRANCISCO. Geary and Scott Streets.
Restoration of portion of Girls' High School.
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and M. T. Jorgensen, 525 Market Street.
Structural Engineer—L. H. Nishkian 525 Market Street.
Low Bidder — Dinwiddie Construction Co., Crocker Building.
Brick and Terra Cotta—White & Gloor Monadnock Building.
Complete bids follow:

General Work

Dinwiddie Construction Co.	$244,700
C. L. Wold	246,777
Barrett & Hilp	259,762
K. E. Parker Co.	264,400
P. J. Walker Company	265,715

Brick and Terra Cotta

White & Gloor	$18,789
Reed & Reed	19,327
William A. Rainey	19,985
J. L. Collins	20,770

Bids held under advisement.

Material Bids Wanted—To Close April 25, 2 P. M.
HIGH SCHOOL Cost, $10,000
WEAVERVILLE, Trinity Co., Cal.
One-story steel frame and wood high school building.
Owner — Trinity Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Labor is being furnished by the SERA.

BIDS WANTED.
LOS ANGELES, Cal.—Until May 8, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for the construction of two one-story frame and stucco school buildings at the South Park school, 455 E Manchester Ave. Edwin Bergstrom, 1129 Citizens' National Bank Bldg., architect. Cost, $108,530.

Plans Being Prepared.
ALTER SCHOOL Cost, $10,000
OILDALE, Kern Co., Calif.
Alterations and additions to brick school (to conform with earthquake law).
Owner—Standard Primary School District.
Architect—Chas. H. Biggar, Bank of America Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Preparing Preliminary Plans.
RECONST. SCHOOLS Cost, $553,[illegible]
ALAMEDA, Alameda Co., Calif.
Reconstruct grammar and high school building in the City of Alameda.
Owner—City of Alameda.
Engineers—L. H. Nishkian, 525 Market St., Harold Hammill, 381 Bush St, and Earl Russell, Pacific Bldg., San Francisco.
The Mastick and Longfellow Schools will be razed and new buildings constructed, estimated to cost $35,000 and $33,000, respectively.
The old high school rehabilitation is estimated to cost $221,700.
The elementary school reconstruction included the following
Lincoln School, $80,000; Washington School, $77,000; Haight School, $70,000; Porter School, $67,000.

CONTRACT AWARDED
LOS ANGELES, Cal.—F. F. Greenfield, 7310 S. Figueroa St., awarded contract by Los Angeles board of education at $45,863 for reconstruction, rehabilitation and strengthening of the main building (less the 1926 portion) at the 97th St. school, 400 W. 97th St. Paul C. Pape, 2153 N Highland Ave., architect, and David H. Merrill, 580 I. W. Hellman Bldg., structural engineer.

BIDS WANTED.
LOS ANGELES, Cal.—Until [illegible] 10:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S San Pedro St., for construction of a 2-story reinforced concrete building at the Miramonte school, 1400 E. 68th Street. Carleton M. Winslow, 1001 Architects' Bldg., architect. Cost, $191,547.

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., [illegible]—Duff & Vandenhoogen Co., 733 W. 14th St., Long Beach, awarded contract by Los Angeles board of education at $68,305, for reconstruction, rehabilitation and strengthening Bldg. No. 1 at the 15th St. school, 1527 Mesa St., San Pedro. W. J. Saunders and Son, 785 E Pico St., Los Angeles, architects, and Davies & Wailes, 1005 Ocean Center Bldg., Long Beach, structural engineer.

Bids Opened.
ADDITION Cost, $8,000
FRENCH CAMP, San Joaquin County, Calif.
One - story brick veneer addition to grammar school (1 classroom and one lunch room).
Owner—French Camp School Dist.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Complete bids follow:

Lumber

Blair Lumber Co.	$1,138.14
Stockton Lbr. Co., Stockton	1,150.16
Central Lumber Co., Stockton	1,199.00
Diamond Metal Co., Stockton	1,235.20
Fisher Bros., Stockton	1,298.00

Finish Hardware

Austin Bros., 544 E Main St., Stockton	$179.27

Electric

Commercial Electric Co., 311 E Market St., Stockton	$177.20

Plumbing

Lyons Plumbing Co., 1006 N Wilson, Way, Stockton	$67.00

Tile Roofing

Gladding McBean and Co., 660 Market St., San Francisco	$272.82
N. H. Brown, Stockton	309.39

Painting

Stockton Paint Co., 319 E Weber St., Stockton	$63.58

Mill Work

Fisher Bros., Wilson & Weber Sts., Stockton	$650.00
Union Mill & Lbr. Co., Stockton	654.00

Steel Sash

Walter Zerwick, 521 E. Channel St., Stockton	$473.00
Union Planing Mill, Stockton	60[illegible].00

Venetian Blinds

Manthey Bros., 420 N. California St., Stockton	$311.00

Bids held under advisement.

BIDS WANTED
LOS ANGELES, Cal.—Until May 7, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of a new building at the Miramonte school, 1400 E 68th St. The building will be a 2-story structure. 60x333 ft. in area containing 30 units: Class A reinforced concrete construction, tile roofing, wood sash, cement and maple floors blackboards, concrete corridor floors and stairs. Salvaged materials will be used in the heating system where possible. Carleton M. Winslow, 1001 Architects Bldg., architect. Cost, $191,547.

Bids Wanted—To Close May 4, 1:30 P. M.
SCHOOL Cost, $60,000
LAKEVIEW, Oregon.
One- and two-story reinforced concrete & brick high school (steam heating system, large auditorium, etc.)
Owner—School District No. 7, Lakeview, Oregon.
Architect—Howard R. Perrin, Underwood Bldg. Klamath Falls, Ore.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

PLANNED.
BAKERSFIELD, Kern Co., Calif.
Bakersfield board of education has been petitioned to provide a school in the Homaker tract and to add a room to the Longfellow school.

Acoustical Treatment Contract Awarded.
SCHOOL Cont. Price, $176,248
SAN FRANCISCO, 150 Brompton St. (Glen Park School).
Two-story reinforced concrete school (14 classrooms, auditorium to seat 450) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Lewis P. Hobart, 525 Market St., and Bliss & Fairweather, Balboa Building.
Structural Engineer—John B. Leonard 677 Tenth Avenue.
Mechanical Engineer — Robert L. St. John, 544 Market Street.
Contractor—Jas L. McLaughlin, 251 Kearny Street.
Acoustical Treatment — Western Asbestos Co., 675 Townsend Street.
Other awards previously reported.

Award Approved.
AUDITORIUM Cont. Price, $28,236
LE GRAND, Merced Co., Calif.
One-story frame and stucco combination gymnasium (144x88 ft.) stage, dressing rooms, etc.
Owner—Le Grand Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor — Carl N. Swenson, 355 Stockton Ave., San Jose.
The PWA has approved the award.

Final Plans Approved.
HIGH SCHOOL Cost, $10,000
WEAVERVILLE, Trinity Co., Cal.
One-story steel frame and wood high school building.
Owner — Trinity Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Labor will be furnished by the SERA and materials purchased by the School Distrlsct.

BIDS WANTED
COMPTON, Los Angeles Co., Cal. —Until April 24, 2:00 P. M., bids will be received by Board of Public Building Reconstruction, at 600 S. Tamarind St., Compton, for construction of the Tamarind Street Elementary School in Compton. H. L. Gogerty, 116 N. Santa Fe Ave., architect.

LOW BIDDER.
LOS ANGELES, Cal.—F. F. Greenfield, 7310 S Figueroa St., submitted low bid to Los Angeles board of education at $45,865 for reconstruction, rehabilitation and strengthening of the main building (less the 1926 por-

tion) at the 97th St. school, 400 W 97th St. Paul C. Pape, 2153 N Highland Ave., Los Angeles, architect.

Contracts Awarded.

GYMNASIUM Cont. Price, $32,683
SANGER, Fresno Co., Calif.
One - story reinforced concrete gymnasium.
Owner—Sanger Union High School District.
Architect — W. D. Coates, 626 Rowell Bldg., Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Plumbing—B. A. Newman, 320 North H St., Fresno, $2,966.
Heating—Barrett - Hicks Co., 1027 Broadway, Fresno, $1,836.
Electric—Electric Const. Co., P. O. Box 638, Fresno.
Complete bids follow:

General Work

(1) deduct for omitting portion of the bleachers.

W. J. Ochs, Fresno		$32,683
	(1)	338
R. P. Moore, Fresno		32,877
	(1)	399
Trewhitt-Shields Co., Fresno		32,97[illegible]
	(1)	250
Jolly & Harrington, Fresno		34,355
	(1)	385
T. C. Irwin, Fresno		34,790
	(1	398
A. Jorgensen, Fresno		35,763
	(1)	
Harris Const. Co., Fresno		38,340
	(1)	
R. Pedersen, Fresno		38,553
	(1)	690

Plumbing

B. A. Newman, Fresno	$2,966
Scott Co., San Francisco	3,987
J. E. Pettijohn, Delano	3,345
J. T. S. Clark, Sanger	3,779
Barrett-Hicks Co., Fresno	3,963

Heating

Barrett-Hicks Co., Fresno	$1,836
B. A. Newman, Fresno	2,660
Scott Co., San Francisco	2,667
J. T. S. Clark, Sanger	3,040
J. E. Pettijohn, Delano	5,340

Electric

Electric Const. Co., Fresno	$2,475
Robinson Electric Co., Fresno	3,600

BONDS DEFEATED

BURLINGAME, San Mateo Co., Cal. —Burlingame Grammar School Dist. defeated bond issue in the amount of $85,000 April 10. Proceeds to have financed construction of improvements and structural changes to the McKinley, Howard Avenue, Hoover, Roosevelt, Pershing and Coolidge Schools in Burlingame.

Survey completed by hy Architect James M. Mitchel, 369 Pine St., San Francisco, and Structural Engineer Harold B. Hammill, 381 Bush St., San Francisco.

Commissioned To Make Survey.

SCHOOL SURVEY Cost, $——
SAN LEANDRO, Alameda Co., Cal.
Survey four groups of scheel buildings to determine necessary strengthening required to have buildings comply with state earthquake law.
Owner—San Leandro School District (L. F. Sterner, President).
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.

Upon completion of survey and when estimate of costs is submitted, a hond election will be called, proceeds to finance necessary work.

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Cal.—J. E. Burrell, 750 W. Anaheim St., Long Beach, awarded contract by Long Beach Board of Education, at $97,739 for construction of the Jane Addams elementary school. Other contracts awarded were: Thos. E. Williams Co., 255 Alamitos St., Long Beach, plumhing, $9112; O. E. Ross, 1850 Pacific Blvd., Long Beach, heating and ventilating, $1650; Kuster-Wetzel Electric Co., 214 E. Broadway Long Beach, electric wiring, $8139. E. J. Baume, architect, and Virgil Bullock, 315 Heartwell Bldg., Long Beach, structural engineer.

Plans Approved.

ADDITIONS Cost, $8500
WOODLAND, Yolo Co., Cal.
Addition to bleachera (frame construction; comfort station, team rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Room 205, 2068 Allston Way Berkeley.

Foundations started by the SERA. Materials will he purchased at a later date by the School District.

BIDS WANTED.

LOS ANGELES, Cal.—Until May 2, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main building (less the 1931 addition) at the Burnside Avenne School, 515 Burnside Avenue. P. P. Lewis. 1063 Westwood Blvd., West Los Angeles, architect, and Grant & Bruner, 607 Ferguson Bldg., structural engineers. Cost, $38,116.

Bids Wanted — To Close April 25, 10 A. M.

COMPLETE AUDITORIUM $15,100
NORTH SACRAMENTO, Sacramento County, Calif.
Complete gymnasium (work includes painting, plastering, decorating, completing electrical, heating and plumbing systems).
Owner — Grant Union High School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of $15.00.

Commissioned To Prepare Plans.

SHOP, WAREHOUSE, ETC. $10,000
FRESNO, Fresno Co., Cal. Ventura and Eighth Streets.
Shop, warehouse and maintenance building for school.
Owner—Fresno School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.

Labor will probably be furnished by the SERA.

Plans To Be Prepared

ADMINISTRATION BLDG. $75,000
FRESNO, Fresno Co., Cal. Mariposa and O Streets.
New Administration Building.
Owner—Fresno School District.
Architect—Allied Architects of Fresno

LOW BIDDER

LOS ANGELES, Cal. — Johnson & Dahlquist, 2310 Duane St., submitted low bid to Los Angeles Board of Education at $109,716, for two one-story frame and stucco school buildings and reconstructing 1-story Class D brick school building at Forty-ninth Street School, 4917 McKinley Ave. H. C. Deckbar, 3204 W. 6th St., architect, and H. A. Nelson, 312 Associated Realty Bldg., structural engineer.

BIDS WANTED.

LOS ANGELES, Cal.—Until May 3, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the science building at the Benjamin Franklin High School, 820 N. Avenue 54. Frank R. Schaefer, 1105 Kerckhoff Bldg., architect. Cost, $53,445.

Bids Wanted—To Close May 1.

ADDITION Cost, $——
LOS BANOS, Merced Co., Cal.
Addition to heating plant in high school gymnasium.
Owner—West Side Union High School District (W. L. Garrison, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.

Plans and specifications may be obtained from the principal of the High School and from the Architect.

PLANNED

OLYMPIA, Wash.—Governor Clarence D. Martin has ordered preparation of plans for the following projects:

(1) Extension of dining room and kitchen, State Penitentiary, Walla Walla.

(2) Construction of male ward building, Eastern State Hospital, Medical Lake.

(3) New kitchen and dining room, male ward building, Western State Hospital, Stellacoom.

(4) New dormitory for primary children, State School for Blind, Vancouver.

Olaf L. Olsen, Director of finance, budgets and business.

Complete Bid Listing.

SCHOOL Cost, $65,000
NESPELEM, Wash. Colville Indian Agency.
One- and two-story school bldg. (reinforced conc. construction, built-up roof, steel joists) 10 classrooms
Owner—U. S. Government (Bureau of Indian Affairs).
Plans by Engineering Dept. of Indian Affairs, Washington, D. C.
Associated Architect — G. A. Pherson Spokane.
Low Bidder—A. W. Bailey, Insurance Bldg., Seattle, $52,370.
Complete bids follow:
(1) Salta blackboards;
(2) Asbestos blackboards.

A. W. Bailey, Seattle		$52,378
	(1)	1,250
	(2)	1,150
O. S. Almlie, San Francisco		$53,800
	(1)	1,600
	(2)	1,360
J. O. Shulind, Minneapolis		$58,630
	(1)	1,502
	(2)	1,502
Wm. MacDonald Const. Co., St. Louis, Mo.		$84,322
	(1)	1,400
	(2)	1,300

Bids held under advisement.

Planned.

GYMNASIUM Coat, $——
WATSONVILLE, Santa Cruz Co., Cal.
New gymnasium at Watsonville High School.
Owner—Watsonville High School Dist.
Architect—Not Selected.

Application has been field with the SERA to furnish labor.

Plans Being Prepared.

GYMNASIUM Cost, $40,000
NEVADA CITY, Nevada Co., Cal.
One-story reinforced concrete gymnasium.
Owner — Nevada City High School District.
Architect — William Mooser, Monadnock Bldg, San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Financing arrangements not yet completed.

Preparing Plans.

SCHOOL Cost, $20,000
COLUMBIA, Tuolumne Co., Cal.
One-story concrete or brick grammar school building (5 classrooms).

Owner — Columbia Grammar School District.
Architect — William Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.

Foundations Started.
ADDITIONS Cost, $8500
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort station, team rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Rm. 205, 2068 Allston Way, Berkeley.
Excavation and foundation started by the SERA. Materials will be purchased at a later date.

BONDS DEFEATED
KINGSBURG, Fresno Co., Calif — Kingsburg High School District defeated bond issue in the amount of $40,000 April 12, proceeds from which were to have financed construction of a gymnasium in Kingsburg. Preliminary plans prepared by Architect W. D. Coates, Rowell Bldg., Fresno.

CONTRACT AWARDED.
LOS ANGELES, Cal.—H. Mayson, 9315 Hooper Ave., awarded contract by Los Angeles board of education at $123,950, for reconstruction, rehabilitation and strengthening of the two-story, brick, main and auditorium building and the one-story, brick shop building at the John Burroughs junior high school, 600 S. McCadden Place. Arthur R. Hutchason, 1001 Architects Bldg., architect, and R. McC. Beanfield, structural engineer.

Bide Wanted—To Close April 24, 1:30 P. M.
DORMITORY Cost, $175,000
PULLMAN, Washington. Campus of Washington State College.
Three-story and attic dormitory (75x160 feet); terra cotta or cut stone; brick exterior, slate roofing, some marble, hollow tile backing; steam heating system to connect to present plant, concrete slab floors, acoustical treatment, freight elevator, 3 fireplaces, terrazzo tile & linoleum flooring, phones; laundry equipment; ornamental iron; plaster; electric ranges and refrigeration;temperature controls, ventilating system, etc ,to accommodate 155 men).
Owner—State of Washington.
Architect — Stanley Smith, Pullman, Washington.
Bids will be opened at Spokane.
In our issue of April 15 the architects were given as David J. Myers and John Graham, which was in error

LOW BIDDER.
SAN PEDRO, Los Angeles Co., Cal. —Duff & Vandenhoogen Co., 733 West 14th St., Long Beach, submitted low bid to Los Angeles board of education at $68,305, for reconstruction, rehabilitation and strengthening Building No. 1 at the 15th Street school, 1527 Mesa St., San Pedro. W. J. Saunders & Son, 785 E Pico St., Los Angeles, architect, and Davies & Walles 1005 Ocean Center Bldg., Long Beach structural engineer.

PREPARING PLANS
TEMPE, Ariz.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have been authorized by the Arizona State Teachers' College to proceed with the preparation of working drawings for the first of four new buildings to be erected at the college in Tempe. The first new unit will be an addition to the library, conforming in style and construction to the existing building, to cost about $80,000. Construction of a dormitory, women's gymnasium and student center, and an addition to the college stadium also are included in the program, funds amounting to $455,000 for which were provided by the Public Works Administration. In addition to the PWA project, the college has been allotted $26,000 in state funds for the repair of several buildings on the site.

Contract Awarded.
SCHOOL Cont. Price, $53,628
NESPELEM, Wash. Colville Indian Agency.
One- and two-story school building (reinforced concrete construction, built-up roof, steel joists) 10 classrooms.
Owner—U. S. Government (Bureau of Indian Affairs).
Plans by Engineering Dept. of Ind Affairs, Washington, D. C.
Associate Architect—G. A. Pherson, Spokane.
Contractor—A. W. Bailey, Insurance Bldg., Seattle.

COMMISSIONED TO PREPARE PLANS.
LOS ANGELES, Calif. — Architects Allison & Allison, 1014 Edison, Los Angeles, have been commissioned by the Regent of the University of California to prepare plans for a new administration building to be built on the campus of the University of California at Los Angeles. The building will be a two-story, Class A structure, of steel or reinforced concrete construction, and will conform in design to the existing buildings at the university. It will cost approximately $200,000.

BIDS WANTED.
LONG BEACH, Cal.—Until May 1, 4 P. M., bids will be received by the Long Beach board of education for the construction of the U. S. Grant school. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25. Bids will be taken on two bases: I, entire project to be handled under a general contract, but with alternate bids on (a) plumbing (b) heating and ventilating; (c) electrical, and (d) general; and II, segregated bids on (a) plumbing; (b) heating and ventilating, and (c) electrical. James R. Friend, 210 Laughlin Bldg., Long Beach, architect.

16— BANKS, STORES AND OFFICES

CONTRACT AWARDED.
LOS ANGELES, Cal.—Lilly-Fletcher Const. Co., 9815 Wilshire Blvd., Beverly Hills, awarded a contract at $70,013 and will start work in about two weeks on construction of a medical office building on the northwest corner of Wilshire and Lucerne Blvds. for Medical Foundation; D. H. Naylor, Jr., president. A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., architects.

BIDS REJECTED
OAKLAND, Alameda Co., Cal.—All bids received by the East Bay Municipal Utility District, Oakland, April 3, under Spec. No. L.S. 140 for a heat-and ventilating system for the general office building at 512 16th St., have been rejected.
Complete bids published April 5.
Work probably will be done by force account.

Contract Awarded.
OFFICE BLDG. Cost, $15,000
EMERYVILLE, Alameda Co., Cal.
Two-story reinforced concrete office building.
Owner—Shell Development Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Austin Co., 1924 Broadway, Oakland
Sub-contracts will be awarded next week.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, 174 Geary Street.
Alterations to store building.
Owner—Thomas Cook, premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60

Property Purchased.
STORE Cost, $250,000
OAKLAND, Alameda Co., Calif. SE Broadway and Moss Ave.
New store building (100x230 ft.) to house drug and food depts.
Owner—Andrew Williams, Richmond and Burlingame.
Architect—Selected, Name Withheld.

Contract Awarded.
ALTERATIONS Cost, 5,000
SAN FRANCISCO. 151 Powell St.
Owner—Herbert's Grill, premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch Street.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO, 618 Grant Ave.
Alterations to offices.
Owner—Sang Chong Tung, premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington Street.

Contracts Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 1055 Market Street.
Alterations to store for market (new front, terrazzo floors, refrigeration etc.)
Owner—Withheld.
Architect — Frederick Reimers, 233 Post St., San Francisco.
General Work—Fred DuPuy, 110 Sutter Street.
Refrigeration—C. C. Moore, 450 Mission Street.
Electrical Work—Sterling Electric Co., 218 Clara Street.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. S Fulton 182 W Gough Street.
Alterations to stores and lofts.
Owner—J. F. Leahy and P. H. Sturtevant.
Architect — Albert Schroepfer, 244 Kearny Street.
Contractor—W. L. Rose, 710 Arguello Boulevard.

Contract Awarded.
MARKET Cost, $30,000
MODESTO, Stanislaus Co., Calif. J and 14th Streets.
One-story drive-in market (to house grocery, meat, vegetable and fruit stores) Italian style of architecture, air cooling equipment, etc.
Owner—J. A. Roach, et al, 1735 Helen Ave., Modesto.
Plans by Weiland Brothers.
Contractor—Weiland Bros., Modesto.

Owner Taking Carpentry Bids.
RESTAURANT Cost, $3000
COLMA, San Mateo Co., Cal.
One-story frame and succo restaurant (tile trim, asphalt roof, etc.)
Owner—Enrico Biggio, Colma.
Plans by L. O. Berg, 720 Corbett Ave., San Francisco.
Concrete—G. Fazio, 6163 Mission St., San Francisco.
Owner is taking bids on carpentry, etc.

Plans Being Figured—Bids Close Apr. 29, 10 A. M.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and K Streets.
Three-story, basement and mezzanine floor store building (structural steel frame, brick exterior walls, wood floors, wood roof, etc.)
Owner—Withheld.
Lessee—Montgomery Ward Co.
Plans by R. R. Rowe, Architect, Chicago.
Associate Architect — Benj. C. McDougall, 353 Sacramento St., San Francisco, and 2924 Claremont Ave., Berkeley.
Bids will be opened in Chicago, by the owner on April 29, 10 A. M.
Following will submit bids.

General Work

Campbell Constr. Co., 800 R St., Sacramento.
Wm. C. Keating, Forum Bldg., Sacramento.
E. T. Leiter & Son, 811 37th Street, Oakland.
K. E. Parker Co., 135 South Park, San Francisco.
Cahill Bros., 206 Sansome St., San Francisco.
H. H. Larsen, 64 South Park, San Francisco.
Azevedo & Sarmento, 920 O St., Sacramento.

Wreckers

Capital Wrecking Co., 37th and O Sts., Sacramento.
Dolan Building & Material Co., 31st and T Sts., Sacramento.
Cleveland Wrecking Co., 175 E. Jefferson Blvd., Los Angeles.
Dolan Wrecking Co., 6939 Mission St., San Francisco.

Electric

George C. Foss, 1720 8th St., Sacramento.
Luppen & Hawley, 3126 J St., Sacramento.
Scott Buttner Co., 2214 Webster St., Oakland.
Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco.
Central Electric Co., 179 Minna St., San Francisco.
Kerr & Clifford, 3525 E-14th Street, Oakland.

Plumbing, Heating and Ventilating

Luppen & Hawley, 3126 J St., Sacramento.
Carpenter & Mendenhall, 907 Front St., Sacramento.
Hately & Hately, 1710 10th St., Sacramento.
Fred W. Snook, 596 Clay St., San Francisco.
Scott Co., 243 Minna St., San Francisco.

Plans Being Completed.
STORE Cost, $10,000
VACAVILLE, Solano Co., Calif.
One-story concrete store bldg. (metal windows, composition roofing, etc.)
Owner—Withheld.
Architect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
Bids will be asked in about 1 week.

Bids In—Held Under Advisement.
STORE Cost, $8500
OAKLAND, Alameda Co., Cal. N Grand Ave. 140 E Perkins St.
One-story reinforced concrete store building.
Owner—A. C. Oppenheimer, 700 Grand Ave., Alameda.
Architect—Kent & Hass, 525 Market St., San Francisco.
Lessee—Hagstrom Food Stores, Inc., Oakland.
Bids are in and alternate proposals are being considered by the architects before the award is made.

Bid Opening Date Postponed Until April 23, 12 Noon.
ALTERATIONS Cost, $——
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Alterations to Mattei Bldg. (work includes air conditioning system to all offices; re-painting corridors; elevator alterations, new elevator front; steam cvleaning; new corridor lighting system; cork and tile elevator mats, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Capital Co., 625 Market St., San Francisco.
Bids on air conditioning are being received by the Capital Co., 625 Market St., San Francisco.
Bids on exterior and interior painting, cork tile elevator mats, lighting fixtures, etc., will be taken at a later date.

Contracts Awarded.
ALTERATIONS, ETC. Cost, $50,000
HANFORD, Kings Co., Calif. NW Douty and Seventh Streets.
Reconstruction of building (work involves installation of air conditioning system, new entrance, alter offices, stucco & aluminum refacing of exterior, steel work, electrical and plumbing work, etc.)
Owner—Bissell and Van Sicklin Bldgs.
Architect—W. D. Coates, Jr., Rowell Bldg., Fresno.
Lessee — M. W. Bartholomew, Hanford.
Contractor—Carl Nelson, 216 W Florinda St., Hanford.
Electric—Oscar Abbott, 213 West 7th St., Hanford.
Plumbing—Ford & Berry, 217 W 7th St., Hanford.

Bid Opening Date Postponed Until April 18, 5 P. M.
STORES Cost, $——
SAN FRANCISCO. Market St. near Buchanan Street.
One-story frame and stucco store building (3 stores) 50x68 ft., tar and gravel roof, gas heating system, composition on floors, etc.
Owner—Howard B. Smith.
Architect—J. J. Foley, 770 Fifth Ave., San Francisco.
Bids are being received from a selected list of contractors only.

To Be Done By Day's Work.
ALTERATIONS Cost, $700
SAN FRANCISCO. Columbus Ave., Bet. Green and Vallejo Sts.
Alterations to store (new front), glass and tile work.
Owner—J. Demartini.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

BIDS WANTED.
SANTA BARBARA, Cal.—Until Apr. 24, 10 A. M., bids will be received by the Santa Barbara county supervisors for remodeling a building at 112 W Cabrillo Blvd., Santa Barbara. Plans and specifications may be obtained from Architects Winsor Soule and John F. Murphy, 116 E. Sola St., Santa Barbara, upon deposit of $5.00. Certified check for 10% must accompany each bid. D. F. Hunt, county clerk.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. SW Grant Ave. and Sutter Street.
Alterations to store building.
Owner—S. Rappaport, 2514 Mission.
Architect—Not Given.
Contractor—Antony Petersen, 2758 San Bruno Avenue.

Construction To Start May 1.
ALTERATIONS, ETC. Cost, $7000
SAN FRANCISCO. No. 151 Powell Street.
Alterations to grill (new bar, new front, etc.) work involves tile work, glass, terrazzo, painting, electrical, plumbing, etc.)
Owner—Herbert's Grill, Premises.
Plans by N. B. Mears, 60 Rausch St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Sub-Contracts Awarded.
RESTAURANT Cost, $4,000
SAN JOSE, Santa Clara Co., Cal. 938 The Alameda.
One-story frame restaurant.
Owner—M. H. Joyce, Los Angeles.
Architect—Not Given.
Contractor—Geo. I. Thorp, 1080 South 7th St., San Jose.
Roofing—Fred. Hayden, 369 Stockton Avenue.
Plumbing—C. L. Snyder Co., Third and Santa Clara.
Electric—Garden City Electric Co., 44 W. San Fernando.
Sheet Metal—C. L. Snyder Company.
Structural Steel—Harold Hellwig.
Lumber and Mill Work—McElroy and Cheim, 1450 The Alameda.
Painting—Pettis H. Fine, 318 N 11th.
Lathing and Plastering—E. F. Magers, 1175 Washington St.
Grading—Henry Sand, 1018 Malone Road.
Brick and Stone Work—Frank Filben, 1140 Martin Ave.
Foundations and Cement Work—J. Bateman, Roberts Ave.
All of San Jose.

Plans Being Prepared.
ALTERATIONS, ETC. Cost, $8000
SANTA CRUZ, Santa Cruz Co., Cal. No. 131 Pacific Avenue.
Alterations to hotel (new cocktail lounge in patio) new bar, plumbing, heating, wiring, plastering, mirrors, etc. Spanish style.
Owner—Palamar Hotel Company.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked in about two weeks.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. S Chestnut Street 350 W Fillmore.
Alterations to storage building and store.
Owner—Ed Rolkin, 145 McAllister St.
Engineer—Norman B. Green, Sharon Building.
Contractor—F. R. Siegrist, 604 Mission Street.

Contract Awarded.
MARKET Cost, $——
SAN RAFAEL, Marin Co., Calif. SE Fourth and D Streets.
One-story reinforced concrete market (40x123 ft.)
Owner—Jacob Albert, San Rafael
Architect—Not Given.
Lessee—Piggly Wiggly Company
Contractor—Leibert and Trohock, Albert Bldg., San Rafael.

17— THEATRES

Plans Completed.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 562 Haight St.
Alterations to Theatre.
Owner—Parkway Theatre, Inc., care Golden State Theatre Co., 25 Taylor Street.
Architect—Mark Jorgensen, 525 Market Street.

Contract Awarded.
ALTERATIONS Cost, $——
VALLEJO, Solano Co., Cal. No. 329 Virginia Street.

Alterations to building for theatre (sound equipment, etc.)
Owner William and George Guhl and H. L. Frudenberg, Vallejo.
Architect — James Narbett 466 31st St., Richmond.
Contractor — George Barenchi, 921 Kentucky St., Vallejo.

18—WHARVES & DOCKS

BIDS WANTED

LOS ANGELES, Cal.—Until April 24, 10:00 A. M., new bids will be received by the general manager of the Los Angeles Harbor Department, 112 City Hall, Los Angeles, for concrete floor and bituminous surfacing in transit shed extension at Berth 117, Los Angeles Harbor; Specification No. 939. All bids received for this work on March 27, Specification No. 935, were rejected. Bids will be taken as follows:

(1) 10,000 square feet reinforced concrete base floor slab, approx. 6 inches in thickness;
(2) 90 sq. ft. cement topping wearing surface, approx. 1½-in. thick;
(3) 173 tons asphaltic concrete wearing surface, 1½ and 2½-in. thick
(4) Alternate of Item No. 3, using diatomaceous earth.

Bidding data may be obtained from the harbor engineer, Branch City Hall, San Pedro. Certified check or bond for 10% required. Arthur Eldridge, general manager.

BIDS OPENED.

SAN FRANCISCO.—Healy - Tibbitts Const. Co., 64 Pine Street, at $6,837 submitted low bid to the Constructing Quartermaster, Fort Mason, for repairs to the east and west Garrison Wharves at Fort McDowell.

Complete bids follow:

(1) work complete;
(2) taking up and relaying 5800 sq. ft. of 3x12 decking on the west wharf;
(3) replacing 29 1½-in. tie rods on the west wharf;
(4) replace 35 steel struts on the west wharf.

Healy-Tibbitts Const. Co.	(1)	[illegible]
	(2)	
	(3)	
	(4)	208
A. W. Kitchen	(1)	[illegible]
	(2)	225
	(3)	417
	(4)	5[illegible]
Ben C. Gerwick	(1)	[illegible]
	(2)	250
	(3)	300
	(4)	500
Runcanson - Harrelson Co.	(1)	8,424
	(2)	26[illegible]
	(3)	[illegible]
	(4)	500
M. B. McGowan	(1)	1[illegible]
	(2)	312
	(3)	5[illegible]
	(4)	875

Bids held under advisement.

Bids Rejected.

WHARF Cost, $125,000
SAN FRANCISCO. Piers 44 and 46. Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600x60 feet) reinforced concrete deck on concrete jacketed piles.
Owner — State of California (Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.

Bids ran high and were rejected. On bid opening lowest bid was submitted by Merritt Chapman & Scott, 609 Crocker Bldg., at $86,000.

Whether new bids will be asked or not is not determined at this time.

19—MISC. CONSTRUCTION

BIDS OPENED

ORINDA, Alameda Co., Cal. — Superior Tile & Products Co., 3743 Broadway, Oakland, at $1464, with an alternate of $1782 submitted low bid to the East Bay Municipal Utility District, Oakland, under Proposal No L.S. 141, for tile flooring for the Orinda Filter Plant. Complete bids follow. Superior Tile & Products Co., Oakland, $1464; Alt. $1782.
Rigney Tile Co., Oakland, $1919.
Scott Co., Oakland, $2055.
Peter Kooyman, Oakland, $2182.
Bids held under advisement.

April 12, 1935

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—D. E. Manning, 118 Virginia Ave., San Francisco, at $1659 awarded contract by the Public Utilities Commission, City Hall, under Hetch Hetchy Water Supply Contract No. 153, for the reconstruction of the West Portal-Moccasin Power line, at Moccasin, Tuolumne County.

Contract Awarded.

DOG HOSPITAL Cost, $3,000
SANTA ROSA, Sonoma Co., Cal. Sonoma Road.
One-story frame and stucco cat and dog hospital (28x38 ft.) tar and gravel roof, concrete and pine floors, etc.
Owner—Doctor Harvey Campbell, 913 Santa Rosa Ave., Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

BIDS OPENED

SACRAMENTO, Cal.—C. F. Smith, 3937 J St., Sacramento, at $651, submitted low bid to State Department of Public Works, for fume hood in the meat inspection department, State Building, Sacramento. Complete bids follow:

C. F. Smith, Sacramento	$651.00
Burnett & Sons, Sacramento	675.00
Capital City Planing Mill, Sacto.	687.50
Western Asbestos Co., S. F.	850.00

Bids held under advisement.

BIDS WANTED.

SACRAMENTO, Calif.—Until April 29, 10 A. M., bids will be received by T. F. Patterson, Clerk, County Board of Supervisors, Sacramento, for one ferry boat, Peters Ferry at Twitchell Island. Length of hull to be 34 feet, width to be 20 feet.

Plans and specifications may be obtained from the county engineer at Sacramento.

BIDS REJECTED

SACRAMENTO, Cal. — Sacramento Board of Education rejected all bids for razing buildings at the Highland Park School, Third Ave. and 24th St., Sacramento.

On bid opening the Capital Lumber Co., Sacramento, offered $250 to the Board.

DOCK EXTENSION — OAKLAND PORT COMMISSION

EXTEND DOCK Cost, $159,000

OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Architect—Not Given.
Low Bidder—A. W. Kitchen & Co., 110 Market St., San Francisco.
Total bids follow:

(A) A. W. Kitchen, San Francisco, $168,707.
(B) Fredrickson & Watson, Oakland, $173,383.56.
(C) Healy Tibbitts Constr. Co., San Francisco, $174,216.
(D) Merritt Chapman & Scott, San Francisco, $174,325.
(E) Clinton Constr. Co., San Francisco, $177,000.
(F) Duncanson Harrelson Co., San Francisco, $179,162.
(G) M. B. McGowan, San Francisco, $199,900.

(1) Reinf. concrete pile, per lin. ft.;
(2) Pile jacket for concrete pile, per lin. ft.;
(3) Pile jacket for green timber pile, per lin. ft.;
(4) Concrete follower on green timber pile, per lin. ft.;
(5) Creosoted pile, furnish and driven per lin. ft.;
(6) Green bearing and brace pile, per lin. ft.;
(7) Class A reinf. concrete, per cu. yd.;
(8) Class B reinf. concrete, per cu. yd.;
(9) Reinf. steel, per lb.;
(10) Creosoted timber (6 lb. treated) per M. FBM.;
(11) Creosoted timber, (12 lb. treated) per M. FBM.;
(12) Furnish and place rip rap, per ton;
(13) Asphaltic binder in place, per ton
(14) Asphalt surf. mixtures, per ton;
(15) Crusher run crushed rock, per ton;
(16) Clean crushed rock, per ton;
(17) Bituminous binder, per bbl.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 2.10	$ 2.40	$ 1.08	$ 2.10	$ 1.75	$ 1.50	$ 1.00
(2)	3.90	2.60	1.97	3.10	3.00	2.00	2.80
(3)	3.60	2.50	1.79	3.10	2.25	1.60	2.30
(4)	2.40	3.10	1.14	2.40	2.00	1.20	2.00
(5)	.70	.65	.50	.75	.75	.52	.45
(6)	.36	.30	.15	.45	.35	.13	.10
(7)	21.00	15.00	14.00	24.15	17.00	15.00	10.50
(8)	13.75	14.50	13.25	14.00	17.00	14.00	10.00
(9)	.04	.05	.035	.038	.045	.034	.03
(10)	80.00	70.00	50.00	73.00	85.00	70.00	55.00
(11)	110.00	65.00	60.00	85.00	100.00	90.00	60.00
(12)	1.96	1.30	1.50	1.90	2.00	1.90	1.50
(13)	4.88	6.00	4.27	5.12	4.60	4.00	4.00
(14)	5.16	1.52	4.50	5.40	5.00	4.75	4.25
(15)	1.74	1.80	1.52	3.28	2.00	1.52	2.00
(16)	2.39	2.09	2.09	3.63	3.25	2.09	2.75
(17)	3.68	3.22	3.22	4.17	3.75	3.22	4.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

BOULDER DAM, Nevada — Until May 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 675-D, for furnishing and delivering f.o.b. cars at the shipping point or at Boulder City, at the option of the bidder, on hydraulic control board for installation in the watermaster's control room in the Boulder Power Plant, and position transmitters for needle valve position indicators for onstallation on needle valve control stands in the lower tunnel plug operating chambers in the Boulder Dam, Boulder Canyon Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50c, not returnable.

BOULDER CITY, Nevada—Uitil May 3, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 677-D, fo furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, at the option of the bidder, special drainage fittings; drainpipe leaders and welded fittings; one header with branches for the Arizona wing and one header with branches for the Nevada wing, consisting of welded plate-steel pipes with flange coupling bolts, gaskets, and blind flanges; for the roof drainage system for the Boulder Power Plant, Boulder Canyon Project. All materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1, not returnable.

CALIFORNIA STATE

SACRAMENTO, Calif.—Until April 24, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 3321 Truck: Moreland, Model E. D. 5-ton, 6-wheel, pneumatic tires with special flat rack body, purchased 1929;

CHC 189 Grader Tractor: Rome, dual drive with Mc-D 10-20 tractor, 10 foot blade, scarifier attachment, pneumatic tires.

Lot miscellaneous Rightway Rotary snowplow parts.

The above equipment may be inspected at the Division of Highways Yards at 1805 34th St., between 8 A. M. and 4:30 P. M. on any working day.

SAN DIEGO, Cal.—Until April 24, 3 P. M., bids will be received by R. J. Carlisle, Superintendent of Equipment, Shop 11, Division of Highways, 664 Front St., San Diego, for the sale of the following equipment:

CHC 187—Grader Tractor: Rome, dual drive with McCormick -Deering tractor, 10' blade, front scarifier attachment, pneumatic tires. The above equip. may be inspected at the Division of Highways Maintenance Yard, 3910 El Cajon Ave., San Diego, on any working day between the hours of 8:30 A. M. and 4:30 P. M. All sales must be approved by the Department of Finance which usually takes from one to two weeks.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

BATTERIES, 675 radio storage; Mare Island. Sch. 4803; April 19.

NAPTHA, 8000 gals. coal-tar; Mare Island. Sch. 4736; April 23.

REFRIGERATORS, electric, portable; East and West Yards. Sch. 4768; April 23.

FLANGES, steel; East & West Yards. Sch. 4732; April 26.

EQUIPMENT, shaft revolution indicator equipment and spares; Mare Island and Puget Sound. Sch. 4734; April 26.

HEATERS, fuel oil, and spares; East and West Yards. Sch. 4731; April 26.

PIPE AND TUBING, corrosion-resisting steel; East and West Yards. Sch. 4724; April 26.

BATTERIES, storage a n d spares; East and West Yards. Sch. 4760; April 26.

STEEL, marine-boiler plate; East and West Yards. Sch. 4784; April 30.

STEEL, bar; East and West Yards. Sch. 4783. April 30.

WELDING equipment, 1 spot; Mare Island. Sch. 4833; April 30.

STEEL, shapes; East & West Yards. Sch. 4785; April 30.

STEEL, black sheet; East and West Yards. Sch. 4813; May 3.

SEPARATOR units, 8 oil and water, and spares; Mare Island and Puget Sound. Sch. 4795; May 3.

WINDLASS, 1 complete, and spares; Mare Island. Sch. 4826; May 3.

VENTILATING sets, 10 portable; Mare Island. Sch. 4832; May 3.

OIL, navy fuel oil, fuel oil for diesel engines; West Coast. Sch. 4801; May 7.

GASKETS, boiler; East and West Yards. Sch. 4707; May 17.

Information obtainable from above office and from the Navy Purchasing Office, 12th Naval District, 100 Harrison St., San Francisco.

CALIFORNIA STATE

FRESNO, Cal.—Until Auril 24, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 West Olive Ave., Fresno, for the sale of the Following equipment:

CHC 65—Compressor: Sullivan, type W &K 314, size 6½-in. x 5¼-in., capacity 320 cu. ft. portable.

CHS 152—Trailer: Special 6 ton, shopmade, flatrack.

The equipment may be inspected at 645 West Olive Ave., from 8:30 A. M. to 4:30 P. M., on any working day.

KERN COUNTY

DELANO, Kern Co., Cal.—Until Apr. 29, 3:30 P. M., bids will be received by the Board of Trustees of the Delan Joint Union High School, Frank Panero, Clerk, for one bus chassis and bus body of sufficient capacity to carry 50 high school students. One old White bus is to be traded in.

Specifications [illegible] able from above office.

FRESNO COUNTY

COALINGA, Fresno Co., Cal.—Until April 24, 5 P. M., to be opened at 7:30 P. M., bids will be received by the Coalinga City Council, E. J. McCroskey, City Clerk, City Hall, for furnishing pipe as follows:

(1) 4500 ft. 1-in. standard galvanized pipe.
(2) 2000 ft. 3-in. 8 thread, not less than 11 lb. per ft. standard lapweld blackline pipe.
(3) 2000 ft. 3-in., 8 thread, not less than 7.7 lb. per ft., standard lapweld blackline pipe.
(4) 3650 ft. 6-in. vitrified sewer pipe, and 78 6-in. x 4-in. double Wye branches for same.

Delivery f.o.b. Coalinga.

Certified check, 10%.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until April 30, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing electric mine hoists for use at the Cabazon and Potrero shafts of the San Jacinto Tunnel of the Colorado River Aqueduct, Spec. No. 95. Copies of the specifications will be available upon payment of $2.00 per set, not returnable. Certified check $5,000. The proposed equipment will be of the double drum type, each driven by a 2300-volt, 50-cycle, variable speed, wound rotor induction motor. Bids will be taken as follows:

(1) one electric mine hoist for Potrero shaft;
(2) one electric mine hoist for Cabazon shaft;
(3) services of an erecting engineer, per day.

(Fob cars at manufacturer's plant).

WAR DEPARTMENT

FORT MASON, Cal.—Until April 30 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-235, Req. QM 671-161-35, Memo 5974, as follows:

(1) One centrifugal pump, horizontally split case, single stage, double suction type, capacity of not less than 500 gals. per minute of sea water against a total dynamic head of not less than 250 feet at a speed not exceeding 3500 RPM;

(2) One centrifugal pump, horizontally split case, single stage, double suction type, capacity of not less than 800 gals. per minute against a total dynamic head of not less than 250 feet at a speed not exceeding 3500 RPM.

The pumps are for trans-shipment to the Dept. Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above

PLUMAS COUNTY

PLUMAS COUNTY, Cal.—Until May 6 10 A. M., bids will be received by Plumas County Board of Supervisors, John Donnenwirth, Clerk, Quincy, for furnishing 60-70 road oil in tank car lots.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED.

LAKE COUNTY, Cal.—C. S. Good, Nice, at $1,133.50 submitted only bid and awarded contract by the La County Board of Supervisors, April 8, for furnishing labor and materials for further repairs to the Rodman Bridge on the Lucerne Cut-off.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until April 23, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for underpass construction of Phoenix - Yuma Highway, NRM 30-D (1935) AFE 534, NRH 30-D (1935) Sch. 1, AFE 8023. The work, which is located on South 17th Avenue, Phoenix, consists of the construction of a concrete underpass and incidental work.

The principal items are:
6,700 sq. yds. grading;
1,680 tons asphaltic concrete;
1,388 l.f. combined curb and gutter;
1,900 l.f. concrete pipe;
13,350 c.y. structural excavation;
2,800 sq. yds. concrete pavement;
1,900 c.y. concrete;
334,000 lbs. reinf. steel;
placing and removing fills for shooflies;
irrigation water syphon;
electrical equipment;
pump house and pumping system;
waterproofing.

Plans may be obtained from state highway engineer, T. S. O'Connell. Certified or cashier's check for 5% must accompany each bid.

CONTRACT AWARDED

PLUMAS COUNTY, Cal.—M. B. McGowan, Inc., 74 New Montgomery St., San Francisco, and C. W. Caletti & Co., P. O. Box 243, San Rafael, at $113,448 awarded contract by the State Highway Commission, Sacramento for the construction of two bridges across the North Fork of the Feather River in Plumas County. One is to be at Rock Creek, consisting of one 183 ft. through steel truss span, two 55 ft., one 59 ft. and one 16 ft. steel stringer spans on concrete piers and concrete and rubble masonry abutments; the other is to be near Storrie, consisting of two 120-foot steel pony truss spans, one 59-ft. 3-in. and one 60-foot 3-inch reinforced concrete girder spans on concrete piers and rubble masonry abutments.

CONTRACT AWARDED

WASCO CO., Ore.—Louis Johnson & Son, 3525 NE Hassalo, Portland, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 11 for the construction of a timber bridge over Mill Creek on the Columbia River Highway in the city of The Dalles.

Complete bids follow:

Louis Johnson & Son, Portland	$2,504.25
Averill & Philpott, Portland	2,547.50
O. N. Pierce & Co., Portland	2,615.00
Fred Oveseen, Vernonia	3,035.56
Curtis Gardner, Portland	3,127.00
J. F. Johnson, Newberg	3,437.50
Sig Ash, Portland	3,904.00

22—DREDGING HARBOR WORKS EXCAVATION

PREPARING PLANS

SEAL BEACH, Orange Co., Cal.—Victor Hayes, city engineer, 302 E. Anaheim St., Long Beach, is completing plans for a rock jetty to be constructed on the west side of the entrance to Anaheim Landing Bay, to cost about $82,000. Bids will be taken in about 30 days. The proposed jetty will extend between 1000 ft. and 1400 ft. in a southwesterly direction. Funds will be supplied by the PWA and a $62,000 bond issue voted recently.

23—IRRIGATION PROJ.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until April 30, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 676-D, for the construction of earthwork and structures, Shepard Gulch Drain, Dead Ox Flat Division, Owyhee Project, near Weiser and Payette, Idaho.

The work involves:
(1) 110,000 cu. yds. all classes excavation for drain;
(2) 260 cu. yds. all classes excavation for structures;
(3) 1750 cu. yds. back fill;
(4) 40 cu. yds. concrete in structures;
(5) Placing 2000 lbs. reinforcement bars;
(6) Laying 1007 lin. ft. 15-in. and 48-in. diam. corrugated metal pipe;
(7) Erecting 10 MFBM timber in structures.

Specifications obtainable from the Bureau of Reclamation at Ontario, Oregon, or at Denver, Colorado, without charge to prospective bidders; to others, $1, not returnable.

APPLICATIONS FILED.

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during the month of March, 1935:

8268 (Sierra Co.) Geo. W. Hallock, Downieville, for 12.5 cu. ft. per second from Middle Water Creek, tributary to Nigger Canyon and North Fork Yuba River; to be diverted for mining purposes. Est cost, $10,000.

8269 (Shasta Co.) Igo Mining Corp., care Dr J. C. Traxler, Hotel Lorenz, Redding, for 65 cu. ft per second from Boulder, Brandy, Lower Boulder and Kanaka creeks, tributary to Sacramento river; to be diverted for mining and domestic purposes

8270 (Mono Co.) Rock Creek Lodge, care F. P. Baugh, 145 So. Grand Ave. Los Angeles, for 0.005 cu. ft. per second from a spring tributary to Rock Creek thence Owens River; to be diverted for recreational purposes. Est cost $750.

8271 (El Dorado Co.) U. S. Eldorado National Forest, Placerville, for 600 gals. per day from a spring, tributary to South Fork American River, to be diverted for domestic purposes. Estimated cost $120.

8272 (Inyo Co.) J. C. Baxter, Independence, for 0.25 cu. ft. per second from Piute Spring, tributary to Willow Creek; to be diverted for mining and domestic purposes. Est. cost $2,500.

8273 (Inyo Co.) O. A. Thorson, Darwin, for 2400 gals. per day from an unnamed spring at Coso Diggins, tributary to no stream; to be diverted for mining and domestic purposes. Estimated cost, $100.

8274 (Tulare Co.) Lloyd E. Nelson, Brown, for 0.5 cu. ft. per second from a spring, tributary to South Fork of Kern River; to be diverted for domestic and stock purposes.

8275 (Siskiyou Co.) E. G. Sundfelt, 1815 31st Ave., South, Seattle, for two cu. ft. per second from Eddys' gulch, tributary to North Fork of the Salmon River; to be diverted for mining and domestic purposes. Est. cost, $500.

8276 (San Luis Obispo Co.) Otto B. Barlow, Santa Margarita, for 1.78 cu. ft. per second from two wells in Salinas River, tributary to Pacific Ocean, to be diverted for irrigation purposes. Est. cost $500.

8277 (San Luis Obispo Co.) M. S. Gularte, San Luis Obispo, for 1.33 cu. ft. per second from Salinas river, tributary to Pacific Ocean; to be diverted for washing rock, gravel and sand. Est. cost $350.

8278 (Tuolumne Co) Division of Fish and Game, San Francisco, for 4.5 cu. ft. per second from Clark Fork of the Middle Fork of Stanislaus river; to be diverted for recreational and domestic purposes. Est. cost $1200.

8279 (Del Norte Co.) G. W. Hales, Chicago, Ill., for 37½ cu. ft. per second from East Fork of East Fork of Illinois river; to be diverted for mining and domestic purposes. Est. cost $6500.

8280 (Del Norte Co.) G. W. Hales, Chicago, for 37½ cu. ft. per second from East Fork of Illinois river; to be diverted for power and domestic purposes. 1406 theoretic hp. to be developed. Est. cost $6500.

8281 (Mono Co.) U. S. Inyo National Forest, Bishop, for 0.0092 cu. ft. per second from McLeod Lake, tributary to Mammoth Creek and Owens river; to be diverted for domestic and recreational purposes. Est cost, $1728.

8282 (Siskiyou Co.) Lucy May Bendl, Sawyers Bar, for 1 cu. ft. per second from Big Creek tributary to North Fork Salmon River; to be diverted for mining purposes. Est. cost $300.

8283 (Amador and Calaveras Counties) City of Pittsburg, for 10 cu. ft. per second and 7300 ac. ft. per annum from Mokelumne river; to be diverted for municipal purposes.

8284 (Riverside Co.) A. E. Powers, Los Angeles, for 1 cu. ft. per second from Dos Palmos Spring, tributary to Carrizo creek; to be diverted for irri-

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

gation and domestic purposes on 160 acres. Est. cost, $3000.

8285 (Nevada County) Mabel May, French Corral, for 0.25 cu. ft. per second from Gooseberry Ravine, tributary to Yuba river; to be diveted for irrigation, domestic and stockwatering purposes on 12 acres. Est. cost $150.

8286 (Siskiyou Co.)C. D. Wason, Seattle, for 20 cu. ft. per second from both forks of West Branch of Indian Creek, tributary to Klamath River; to be diverted for mining purposes.

8287 (Humboldt Co.) Hammond and Little River Redwood Co., Ltd., Samoa, for 0.057 cu. ft. per second from Fish's Mill Creek, tributary to Mad river; to be diverted for locomotive and domestic purposes.

8288 (Mono Co.) H. Heymen, Long Beach, for 1500 gals. per day from Rock Creek, tributary to Owens river; to be diverted for domestic purposes.

8289 (Los Angeles Co.) Lillian A. Keenan, Fairmont, for 2880 gals. per day from two unnamed springs, tributay to Antelope Valley drainage area; to be diverted for modestic purposes.

8290 (Siskiyou Co.) Lester A. Bright Happy Camp, for 36,000 gals. per day from spring tributary to Indian Creek. To be diverted for domestic and irrigation purposes on one acre Est. cost $75.

8291 (Inyo Co.) Frank J. Stever and G. F. Summers, Los Angeles, for 2,000 gals. per day from two springs tribu-in the Coso mining district for mining and domestic purposes. Est. cost $500.

8292 (Yolo Co.) The Amalgamated Sugar Co., Ogden, Utah, for 6.7 cu. ft. per second from Sacramento River, to be diverted for industrial purposes. Est. cost $8500.

8293 (Trinity Co.) S. M. Campbell, Big Bar, 3 cu. ft. per sec. from Manzanita Creek, tributary to Trinity river; to he diverted for mining purposes.

8294 (Inyo Co.) H. H. Steinberger, Sierra Madre, for 17,280 gals. per day from two unnamed springs tributary to Wildrose Canyon; to be diverted for mining and domestic purposes. Estimated cost, $400.

8295 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes river, tributary to Mokelumne River; to be diverted for power purposes, 13,360 theoretical h.p. to be developed. Est. cost $5,-700,000.

8296 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes river, tributary to Mokelumne River; to be diverted for municipal purposes within Sacramento Municipal Utility Dist.

8297 (San Diego Co.) H. G. Scott, Aguanga, for 500 gals. per day from a spring tributary to Chihuaku. creek and Temecula creek; to he diverted for domestic purposes.

8298 (Riverside Co.) Robt. D. Murray and C. G. Sapp, Palm Springs, for 4 cu. ft. per second from Deep Canyon, tributary to Whitewater river; to be diverted for irrigation puposes on 375 acres. Est. cost $12,000.

8299 (Sierra Co.) C. D. Ross, Downieville, for 3 cu. ft. per second from McKinnon ravine, tributary to North Fork of Yuba River; to be diverted for hydraulic jet in mine. Est. cost $500.

8300 (San Luis Obispo Co.) City of San Luis Obispo, for 2.32 cu. ft. per second and 1799 ac. ft. per annum from Lopez Creek, tributary to Arroyo Grande Creek; to he diverted for municipal puposes. Est. cost $600,000.

8301 (San Luis Obispo Co.) City of San Luis Obispo, for 25,000 ac. ft. per annum from Salinas River, tributary to Pacific Ocean; to he diverted for municipal purposes. Est. cost, $980,-000.

8302 (El Dorado Co.) H. J. Garibaldi Amador City, for 3 cu. ft. per second from Perry Creek, tributary to Middle Fork Cosumnes river; to be diverted for mining purposes.

PERMITS ISSUED.

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of March, 1935:

4487 Application 7904 (Del Norte Co.) issued to P. Cane, et al, Crescent City, March 1, for a total of 5 cu. ft. per second from Moore and Supply gulches, for mining and domestic purposes. Est. cost, $12,000.

4488, App. 7655 (Ventura Co.) issued to Frazier Park property owners per A. Y. Meudell, as trustee, Bakersfield, March 1, for 0.5 cu. ft. per second from Sam Young spring for domestic purposes. Est. cost, $1,000.

4489, App. 7735 (San Bernardino Co.) issued to Valley of Enchantment Mutual Water Co., Riverside, March 4, for 25,000 gals. per day from an unnamed spring for domestic purposes. Est. cost, $1,500.

4490, App. 8160 (Del Norte Co.) issued to U. S. Siskiyou National Forest, Grant Pass, Oregon, March 6, for 0.025 cu. ft. per second from an unnamed fork of Elk creek for recreational and domestic purposes. Estimated cost $300.

4491, App. 8114 (Santa Barbara Co.) issued to U. S. Santa Barbara National Forest, Santa Barbara, March 6, for 650 gals. per day from an unnamed spring for stock watering purposes. Est. cost, $250.

4492, App. 8123 (Sierra Co.) issued to U. S. Tahoe National Forest, Nevada City, March 7, for 6,000 gals. per day from an unnamed spring for domestic purposes. Est. cost, $650.

4493, App. 8210 (Amador Co.) issued to S. D. S. Mining Co., San Francisco March 7, for a total of 3 cu. ft. per second from two unnamed ravines, for mining and domestic purposes. Estimated cost, $300.

4494, App. 8181 (San Diego Co.) issued to U. S. Cleveland National Forest, San Diego, March 7, for 0.017 cu. ft. per second from Cuyapaipe Creek for recreational purposes. Est. cost $5,000.

4495, App. 8182 (Humboldt Co.) issued to J. A. Daily, Arcata, March 7, for 1.0 cu. ft. per second from Widow White Creek, for recreational and industrial purposes. Est. cost, $150.

4496, App. 8119 (Siskiyou Co.) issued to California-Oregon Power Co., San Francisco, March 8, for 5.25 cu. ft. per second from Jenny Creek, for irrigation of 401 acres. Est. cost, $2,000.

4497, App. 8066 (Ventura Co.) issued to Frank D. and Ella P. Felt, Wheeler Springs, March 14, for a total of 0.06 cu. ft. per second from Chorro Grande creek and four springs, for domestic purposes and irrigation of five acres. Est. cost, $500.

4498, App. 7844 (Shasta Co.) issued to Frank B. Van Fossen, Dunsmuir, Mar. 14, for 1.0 cu. ft. per second from Indian Creek, for domestic purposes and irrigation of 29 acres. Est. cost, $4,-600.

4499, App. 8079 (Santa Clara Co.) issued to Frank J. Polak, Morgan Hill, March 16, for 6 cu. ft. per second from Coyote Creek, for use on 202 acres. Est. cost, $1,500.

4500, App. 8163 (El Dorado Co.) issued to C. J. Olson, Pacific, March 18, for a total of 0.009 cu. ft. per second from two unnamed springs for domestic purposes. Est. cost, $220.

4501, App. 8211 (Los Angeles Co.) issued to U. S. Angeles National Forest, Los Angeles, March 19, for 3200 gals. per day from Indian Canyon spring for fire protection and recreational purposes. Est. cost $600.

4502, App. 8072 (Orange Co.) issued to H. H. Gardner, Orange, March 21, for a total of 12 ac. ft. per annum for storage from two unnamed streams for domestic purposes and irrigation of 77 acres. Est. cost, $500.

4503, App. 8199 (Inyo Co.) issued to Geo. M. Kruse, Compton, March 21, for two cu. ft. per second from Squaw Springs, for mining purposes. Estimated cost, $12,000.

4504, App. 8206 (Tuolumne Co.) issued to Division of Fish and Game, San Francisco, March 22, for 2.5 cu. ft. per second from North Fork of the Tuolumne River, for recreational and domestic purposes. Est. cost, $2,500.

4505, App. 8207(Tuolumne Co.) issued to Division of Fish and Game, San Francisco, March 22, for 3 cu. ft. per second from Basin Slope Creek for recreational and domestic purposes. Est. cost, $1,200.

4506, App. 7458 (Modoc Co.) issued to Frank McArthur. Alturas, March 25, for 1155 ac. ft. per annum for storage from Fitzhugh Creek for domestic and stock watering purposes and irrigation of 1240 acres. Est. cost, $2,000.

4507, App. 8154 (El Dorado Co.) issued to Chas. O. Dorman, Georgetown, March 27, for 3 cu. ft. per second from Little Otter Creek for power purposes. Estimated cost, $850.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

LAS CRUCES, N. M.—Ruth Dredger Mfg. Corp. 5980 Boyle Ave., Los Angeles, at $19,500 submitted the only bid received by the Bureau of Reclamation, Denver, Colo., April 8, under Spec. No. 671-D, for furnishing one ditch cleaning and excavating machine of the double crawler traction and endless chain bucket digging unit type to be used for cleaning, deepening, and/or widening drains and canals and excavation of new drains and canals on the Rio Grande Project, New Mexico-Texas.

AWARD RECOMMENDED.

SAN CARLOS, Ariz.—Roller-Smith Co., Bethlehem, Pa., has been recommended for the award of contract by the U. S. Indian Irrigation Service, 5th floor, 751 S. Figueroa Street, Los Angeles, at $8965.00 for furnishing switchboard control apparatus and accessories for the San Carlos Project, San Carlos, Ariz., under Bid No. [illegible] The recommendation has been forwarded to the Commissioner of Indian Affairs, Washington, D. C., for final approval.

AWARD RECOMMENDED

SAN CARLOS, Arizona—Pennsylvania Transformer Co., Pittsburgh, Pa., has been recommended for the award of contract by the U. S. Indian Irrigation Service, 5th Floor, 751 S. Figueroa St., Los Angeles, at a total of $13,231.82, based on a price of $10,339.82, plus $2892 estimated for losses, for furnishing 833 kva transformers for the San Carlos Federal Project No. 261, Arizona, under Bid No. 0146. The recommendation has been forwarded to the Commissioner of Indian Affairs, Washington, D. C., for final approval.

BIDS OPENED.

LOS ANGELES, Cal.—Spears-Wells Machinery Co., 1832 West 9th Street, Oakland, submitted the only [illegible] the U. S. Forest Service, 751 S Figueroa St., Los Angeles, April 15 at $300 per month for furnishing four-wheel road graders on a rental basis during the period commencing w[illegible] date of contract and ending June 30, 1935, under Bid No. DPM 985.

CONTRACT AWARDED

OAKLAND, Cal.—Fairbanks, Morse & Co., Spear and Harrison Sts., San Francisco, at $2,775 awarded contract by City of Oakland Port Commission

for furnishing one truck scale, 60 ft. long of 80,000 lb. capacity at Outer Harbor for weighing truck and trailer.

BIDS OPENED.

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., April 12, under Spec. No. 617, for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, four 4-motor cage-operated, overhead revolving cranes for installation in the intake towers at Boulder Dam, Boulder Canyon Project. The cranes will be installed by the Government.

Morgan Engr. Co., fob Alliance, O., $63,200.

Ohio, $56,684.

Alliance Machine Co., fob Alliance.

Dravo Contr. Co., fob Neville Island.

Lakeside Bridge & Steel Co., fob Milwaukee, $67,800; alt., $64,800.

Judson-Pacific Co., fob San Francisco, $58,120.

Shaw-Box Crane & Hoist Co., Inc. fob Muskegon, Mich., $83,536.

Cleveland Crane & Engr. Co., fob Boulder City, $97,100.

Harnischfeger Sales Corp., fob Boulder City, $61,840.

Bids held under advisement.

BIDS OPENED

SOUTH PASADENA, Cal.—Bids for furnishing a standby pumping unit for the municipal water department, rated at 2400 to 2500 G.P.M., were opened by the South Pasadena City Council April 8. The bids were:

Petroleum Equipment Co.—(1) $900 f.o.b. Oakland; (2) $1435 f.o.b. plant, San Gabriel.

Smith Booth Usher Co.—$1530 by water, $1750 by rail; f.o.b. plant, San Gabriel.

Byron - Jackson Co. — $1545 f.o.b pump works.

Pacific Pump Works—$1690; deduct $45 if city installs foundation.

De Laval Steam Turbine Co.—$1745 f.o.b. San Gabriel.

Layne & Bowler Corp.—$1870 f.o.b. New Jersey; add $221 by rail, $151 by water. Alternates: $2481.61 (freight allowed to nearest station).

Worthington Co.—$2532.

All bids were less state sales tax.

The bids were referred to the committee of the whole and the city engineer, Frank Clough, and the city attorney.

BIDS OPENED

ROSEVILLE, Placer Co., Calif.—Spears Wells Machinery Co., 1832 9th St., Oakland, at $2,960 submitted low bid to the State Purchasing Agent, State Capitol, Sacramento, April 12, under Quotation No. 47226, Req. No. 13600, for furnishing one single driven pneumatic-tired motor-grader, f. o. b. Division of Highways, Shop 3, Roseville.

Complete bids follows:

Spears Wells Mchy. Co., Oakland	$2,960
Edward R. Bacon Co., S. F.	3,208
Sacramento Tractor & Equip Co. Sacramento	3,377
Austin-Western Road Machinery Co., San Francisco	3,408
J. D. Adams Co., San Francisco	3,408
" (power-control)	3,528
Jenison Mchy. Co., S. F.	3,408

All bids 2@ 30 days. Bids held under advisement.

BIDS OPENED.

SAN FRANCISCO. — Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR 1361, for the rental of one Plymouth locomotive, 7 or 8 ton gauge, complete with operator, gas, oil, etc.:

Chas. L. Harney: $9 per hour for 8-ton; $6 per hour for 5-ton. Delivery in 5 days.

Healy-Tibbitts Const. Co. $75 per month for 4-ton, not including operator, gas, oil, or maintenance, sending price, $1,000.

Bids held under advisement.

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—Bedford Foundry & Machinery Co., f. o.b. Bedford, Indiana, at $2596 awarded contract by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 653-D, for furnishing one 7½-ton traveling crane for the Government Warehouse at Grand Coulee Dam.

28 — FIRE EQUIPMENT

BIDS OPENED

HEALDSBURG, Sonoma Co., Cal.—Following bids received by Healdsburg City Council, April 15, for furnishing a 1½-ton standard pumper truck for the Fire Department:

F. S. & W. W. Hirsch, San Francisco, $2886.09 (Ford V-8).

P. A. Kerns, Healdsburg, $2600.10 (Dodge).

S. H. Cooley, Healdsburg, $2868.75 (Ford V-8).

Challenger Fire Equipment, Sacramento, $2515 (Ford V-8); $2598.07 (Chevrolet).

P. E. Van Pelt, Oakdale, $2692.80 (Ford); $2607.10 (Dodge).

American - La France & Foamite Corp., San Francisco, $3470.25 (Ford V-8); $3404.25 (Chevrolet).

Pacific Fire Extinguisher Co., San Francisco, $2700 (Ford V-8); $2675 (Chevrolet).

30—RESERVOIRS & DAMS

FUNDS GRANTED

SPOKANE, Wash.—City of Spokane has been granted $625,000 PWA funds to finance construction of a diversion dam to develop hydro-electric power for the municipal water system. Plans which were prepared some time ago call for three 60-foot rolling sector gates, and 32-ft. drum gate.

BIDS REJECTED

ARCATA, Humboldt Co., Cal.—All bids received by the Arcata city council April 5 for enlarging and increasing the height of the earth dam Jolly Giant Ravine, known as Dam No. 1 of the Arcata water system, and for excavation or widening the reservoir back of the dam, have been rejected.

The bids were:

Fred J. Maurer & Son, Inc., Eureka: For raising and enlarging the dam, as per plans and specifications, together with furnishing and placing dry stone facing, drain tile, spillway, clearing reservoir site at elevation 300, $2,127; $0.50 per c.y. for removal of all overburden subsequent to reaching to a maximum depth of elevation 282.

J. C. Kjer, Arcata: For labor and materials for Dam No. 1, as per specifications, clearing and dam in place and riprap, $570; concrete spillway, $90; total $660; $0.27 per yd. for overburden.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN FRANCISCO—Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco, at $5572.34 awarded contract by the Public Utilities Commission, City Hall, under S. F. W. D. Spec. No. 75, for the relocation of the pipe line at Ocean View Gulch.

CONTRACT AWARDED

SUNNYVALE, Santa Clara Co., Cal.—Western Well Drilling Co. Ltd., [illegible] W. Santa Clara St., San Jose, at $1,486 awarded contract by the Public Works Officer, 12th Naval District, San Francisco, under Spec. No. [illegible] for repairs to wells "A" and [illegible] the Sunnyvale Naval Air Station, Mt View.

32—SEWERS & SEWAGE DISPOSAL PLANTS

April 12, 1935

ENGINEER RETAINED

SEAL BEACH, Orange Co., Cal.—Currie Engineering Co., 219 Anderson Bldg., San Bernardino, has been retained by the Seal Beach City Council to design and prepare plans for a sewage disposal plant to be built under the recent $40,000 bond issue. Bids will probably be taken within the next 30 days.

PRELIMINARY PLANS COMPLETED.

COVINA, Los Angeles Co., Calif.—Alva J. Smith, consulting engineer, 810 Boylston St., Pasadena, has completed preliminary plans for an activated sludge sewage disposal plant and outfall sewer to be constructed on a 50-acre tract of land located near San Gabriel River, west of Baldwin Park, now owned by the City of Covina. The proposed plant will have a capacity of about 240,000 gallons per day and will serve a population of about 4000. The project will include between 6 and 7 miles of outfall sewer, involving 12-in. vitrified pipe and 15-in. pipe, the latter diameter to take care of a possible future hook-up with Baldwin Park. The plant proper will cost $35,000, and the outfall and appurtenances an additional $61 200. Application for a permit is now before the State Board of Health. Application has been filed with the SERA asking for funds to pay for labor and a portion of the materials. The city also has on hand cash in the sum of $20,000 to contribute toward the cost.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—Loisal Constr. Co., Stockton, at $3,487.20, second low bid, awarded contract by the Stockton City Council, for construction of a sanitary sewer main in "F" Street from the Linden Road south to Miner Ave., and in Miner Ave. from "F" Street easterly to the city limits.

The low bid of John Pestano and J. F. White, Oakland, at $3122.88 was irregular.

PRELIMINARY PLANS COMPLETED.

SUNSET BEACH, Orange Co., Cal.—Alva J. Smith, consulting engineer, 810 Boylston St., Pasadena, has completed preliminary plans for a sewage treatment plant and a collection system for the Sunset Beach Sanitary District, estimated to cost $90,000, of which $15,000 will be expended on the treatment plant. The location has not been definitely determined as two sites are under consideration. A bond issue of $45,000 was voted Feb. 15.

The work involves:

12,000 ft. 8-in. vit. sewer pipe;
11,000 ft. 6-in. do;
8,500 ft. 4-in. do;
49 standard manholes;
5 flush tanks.

J. A. Armitage, Coast Highway and Boardwalk, Sunset Beach, is president and S. H. Neil, secretary of the district.

33— WATER WORKS

BIDS WANTED

FARALLON ISLANDS, Cal.—Until May 8, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnish-

ing and installing water distilling plant consisting of boiler, condensing equipment tanks, pumps and piping complete for distilling 400 lbs. of sea water per hour at the U. S. Naval Direction Finder Station, Farallon Islands, Calif. Spec. No. 7886.

Plans and specifications may be obtained from above office upon deposit of $5.00.

BIDS REJECTED

PACIFIC GROVE, Monterey Co., Cal.—All bids received by the Pacific Grove City Council, April 4, for furnishing water filters and boiler for the swimming pool project were rejected.

The council passed a resolution to buy in the open market and contracts were awarded to the California Filter Co., 981 Folsom St., San Francisco, at $1975 for furnishing filter equipment; and to the Barton Oil-O-Matic Co., 635 Cass St., Monterey, at $896 for natural gas burner boiler.

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $52,816.32 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,829 for installation of Section D, the Potrero District Extension Auxiliary Water Supply System for Fire Protection, located on Third St. between Mariposa and 23rd Sts.; on 25th St. between Third and Pennsylvania Sts.; on Pennsylvania Street between 25th and Army Sts., and on Army St. between Pennsylvania and Evans Streets.

CONTEMPLATED

CARSON, Nev.—The Carson Water Company will issue bonds in the sum of $30,000 to finance replacement of existing water mains with new 12-in. pipe.

BIDS WANTED.

PORTLAND, Ore.—Until [illegible] 5 P. M., bids will be received by the West Slope Water District, W[illegible]ton County, Oregon, for furnishing materials for water system, as follows:

(1) 11,600 ft. 6-in. cast iron or st[illegible] water pipe;
(2) 3,900 ft. 4-in. do;
(3) 3,000 ft. 3-in. do;
(4) steel water tank;
(5) pressure regulators;
(6) gate valves;
(7) miscellaneous fittings.

Plans and specifications obtain[illegible] from C. E. Carter, engineer 823 [illegible] ing Bldg., Portland.

BIDS WANTED.

SPOKANE, Wash.—Until April 25 9:30 A. M., bids will be received by C. T. Bogart, City Purchasing Agent, Spokane, for furnishing:

(1) 25 12-in. double gate valves;
(2) 10 10-in. do;
(3) 100 6-in. do;
(4) 10 6-in. double gate tapping valves
(5) 15 6-in. hydrants, suitable for 5-ft. trench, equipped with 2½-in. hose nozzles with independent gates and one 4-inch steamer nozzle;
(6) 3,600 ft. 12-in. cast iron bell and spigot sand cast pipe in 12 [illegible] lengths, Class C or equal;
(7) 100 6-in. cast iron slip-on type valve boxes.

Specifications obtainable from above office.

PREPARING PLANS.

SEAL BEACH, Orange Co., Calif.—Victor Hayes, city engineer, 302 East Anaheim St., Long Beach, is preparing plans for a water system at Seal Beach, to be built under a PWA allocation and a $30,000 bond issue voted March 29. The proposed system will involve the drilling of one well, construction of a 250,000 gallon steel tank and 100-ft. tower and about one mile of 10-in. cast iron pipe main. Total estimated cost $39,000. Bids will be taken in about 60 days.

34— PARKS & PLAY-GROUNDS

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—R. S. Silverberg, 405 Montgomery St., awarded the following sub-contracts for improvements to McCoppin Square, 22nd Ave. and Taraval St. Work involves resurfacing tennis courts, fencing, baseball backstop, etc. Lewis P. Hobart, 525 Market St., architect. Cost $5,448:

Fencing—Standard Fence Co., 440 Bayshore Blvd.
Tennis Court Paving—Malott & Petersen, 20th and Harrison Streets.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets.
Sheet Metal—Morrison & Co., 70 Duboce Avenue.
Mill Work—National Mill & Lumber Co., 230 California Street.

BIDS WANTED.

SALT LAKE CITY, Utah — Until May 14, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing additions to the lawn sprinkling system at the Veterans Administration Facility Salt Lake City, Utah. Specifications may be obtained from above office.

BIDS OPENED.

VALLEJO, Solano Co., Cal.—Scott Co., 243 Minna St., San Francisco, at $919.00 submitted low bid to Custodian, U. S. Post Office, Vallejo, for sprinkler system at the Vallejo post office.

Complete bids follow:

Scott Co., San Francisco	$ 919
K. Hazlett, Vallejo	1,275
Madden Plbg & Htg. Co., Oakland	1,279

Award to Scott Company recommended.

35— TUNNELS

April 12, 1935

CONTRACT AWARDED

LOS ANGELES, Cal.—The Los Angeles Board of Public Works has requested State Director of Public Works Earl Lee Kelly, Sacramento, to approve the award of contract to L. E. Dixon, Bent Bros., Inc. and Johnson, Inc., 609 S. Grand Ave., Los Angeles, at $366,607.70 for constructing the Figueroa Street tunnel bet. Solano Ave. and Bishops Road.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. E. Dixon, Bent Bros., Inc., and Johnson, Inc., 609 S Grand Ave., was awarded the contract by the Los Angeles board of public works, April 15, at $366,607.70 for constructing the Figueroa Street tunnel between Solano Avenue and Bishops Road.

TO ASK BIDS

ORDWAY, Colo.—The Twin Lakes Reservoir and Canal Co. will call for bids within the next few weeks for the construction of additional tunnel between Roaring Fork River on the western slope and Twin Lake on eastern slope. Estimated cost, $875,000. J. H. Cowden, president; O. R. Smith Aspen, Colo., engineer.

29—STREETS AND HIGHWAYS

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on May 1, and in Los Angeles on May 2, 1935:

III-Sac-100-A between Ryde and ½ mile east of Steamboat Slough, opening May 1: PLANS (No. of Sheets) 7; (Cost) $0.70; CROSS-SECTIONS, (No. of Sheets) 26, (Cost) $2.60; (Total) $3.30.

VII-Ven-Camarillo State Hospital bridge across Calleguas Creek, opening May 2: PLANS (No. of Sheets) 7, (Cost) $0.70; CROSS-SECTIONS, none; (Total) $0.70.

VII-L.A-4-L.A, bridge across Arroyo de Los Posos and Pacific Electric Ry. Co tracks at Marengo St. in Los Angeles, opening May 2: PLANS, (No. of Sheets) 12, (Cost) $1.80; CROSS-SECTIONS, none; (Total) $1.80.

VII-Ven-9-A at Harmon Barranca, opening May 2: PLANS, (No. of Sheets) 7, (Cost) $0.70; CROSS-SECTIONS, (No. of Sheets) 5, (Cost) $.50 (Total) $1.20.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

LOW BIDDERS

NAVAJO COUNTY, Arizona—E. L. Yeager, Box 470, San Bernardino, submitted low bid to the Arizona State Highway Commission, Phoenix, April 16, at $46,795, for the improvement of streets in Holbrook, Ariz., NRM 78-D (1935) A.F.E. 539. NRM 83-B (1935) A.F.E. 538. The work, which extends from the north city limits of Holbrook along Porter St., to the R. R. tracks, a distance of about one-third of a mile, consists of removing old pavement and curb and gutter, and to furnish and place select materials, new concrete pavement and curb and gutter.

Tanner & Hall, Phoenix, submitted second bid at $47,572.

LOW BIDDERS

PIMA COUNTY, Arizona—White & Miller, Tucson, Ariz., submitted low bid to the Arizona State Highway Commission, Phoenix, April 16, at $44,907, for highway construction on the Tucson-Florence Highway, N. R. S. III-A (1935), A. F. E. 8062. The work, which begins about ten miles north of Tucson and extends northerly for a distance of approx. six miles, consists of grading, draining, Aggregate Base Course, and Oil Processing (Road Mix using Road Oil.

Pearson & Dickerson, Prescott, Arizona, submitted second bid at $49,008.

PLANS APPROVED

EL CERRITO, Contra Costa Co., Cal.—Final plans and specifications for the widening and resurfacing of Cutting Blvd., from Richmond City limits to San Pablo Ave. in El Cerrito have been approved by the State

Highway Commission and the City Council and bids will be asked shortly. Work will be financed by the City's share of gas tax funds.

CONTRACT AWARDED

LOS ANGELES, Cal.—Griffith Co., L. A. Railway Bldg., Los Angeles, awarded contract by the Los Angeles Harbor Department April 10, at $20,670, for asphaltic paving of roadways, shed floors and wharf decks at various locations at Los Angeles Harbor; Specification No. 938. The work will involve 2500 tons asphaltic concrete base material, 3500 tons asphaltic concrete wearing surface No. 2, and 500 tons of sheet asphalt wearing surface.

BIDS OPENED

THURSTON COUNTY, Wash.—Sather & Sons, 12,039 Greenwood Ave., Seattle, at $38,784 submitted low bid to L. V. Murrow, Director of Highways, Olympia, April 9, for paving with Portland cement concrete about 0.1 mile and constructing a double track steel girder undercrossing of the Northrn Pacific Railway Company's tracks in Tenino on Road No. 1, Tenino Undercrossing, U. S. P. W. Project NRM 85.

Complete bids follow:

Sather & Sons, Seattle	$38,784
Macri & Steffensen, Seattle	39,558
Newton Const. Co. and Toney Romano, Seattle	39,667
Northwest Roads Co., Portland	39,829
Elliott & Co., Inc., Seattle	40,482
Butler Const. Co., Seattle	40,482
D. Nygren, Seattle	40,750
MacRae Bros., Seattle	41,289
H. J. Adler, Inc., Tacoma	41,661
Lidral Const. Co., Seattle	41,814
H. C. Malott, Seattle	42,302
Kuckenberg-Wittman Co., Inc., Portland	45,126
Guthrie-McDougall Co., Portland	46,254
Graham Bros. & Medley, Chehalis, Wash.	47,429
Sheble Const. Co., Seattle	48,261

Bids held under advisement.

CONTRACT AWARDED

KLICKITAT CO. Wash. — Brent Sturgill Co. Inc., College Place, Wash. at $33,543.50 awarded contract by the Bureau of Public Roads, Portland, for constructing the Mt. Adams Highway Reconstruction Grading and Subgrade Reinforcement Project FHEC-17 A1, National Forest Road Project, located within the Columbia National Forest, Klickitat Co., Wash.

The length of the project is approximately 3.343 miles reconstruction grading; 1.793 miles betterment and 5.136 miles subgrade reinforcement.

Complete bids published March 20.

BIDS WANTED

SHASTA COUNTY, Cal.—Until May 7, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing subgrade reinforcement and bituminous treatment (surface application) on 12.157 miles of Section F of Route 77, the Mt. Shasta - Mt. Lassen National Forest Highway, Lassen National Forest, Shasta County.

The work involves:

(1) 15,000 c.y. subgrade reinf.;
(2) 480 tons asphaltic road material, Type SC-2;
(3) 600 M. gals. watering;
(4) 170 each culvert markers.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

POLK AND YAMHILL COUNTIES, Oregon—Joplin & Eldon, N. Columbia Blvd., and Peninsular, Portland, at $36,387 (specifying road oil and pipe culvert) awarded contract by the Oregon State Highway Commission, R. C. Baldock, State Highway Engr., Portland, for 1.38 miles grading, surface-in, and oil mat surface treatment on the Yamhill County Line-Stratton Ranch Section of the Salem-Dayton Secondary Highway.

BIDS WANTED.

SAN DIEGO COUNTY, Cal.—Until April 27, 10 A. M., bids will be received by the Department of Public Works Division of Highways, at the office of the District Engineer, E. E. Wallace, Union Bldg., 235 Broadway, San Diego, for highway construction in San Diego County between Russ Blvd. and Calle Colon, San Diego, about 1.1 miles in length, existing pavement to be widened with asphalt concrete, involving:

(1) 1400 c.y. roadway excav., unclass.
(2) 650 mi. yds. haul;
(3) 7050 sq. yds. subgrade preparation
(4) 58 sta. finishing roadway;
(5) 2380 tons asphalt concrete in place
(6) 36 c.y. Class A Portland cement concrete in place (railway grade crossing);
(7) 8 c.y. do (curbs and gutters);
(8) 45 c.y. existing concrete removed and disposed of.

Plans may be obtained from above address. Cash or certified or cashier's check, 10%.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED.

SAN FRANCISCO. — Bids for furnishing steel rails, joints, plates, etc., for the Municipal Railway, under Bid No. 1357, were opened by T. A. Brooks, Purchaser of Supplies, City Hall, April 12.

Bids were taken as follows:

(1) 50 gross tons 110-lb. rail;
(2) 150 pairs 36-in. 12 hole joint plates for 110-lb. rail;
(3) 185 gross tons 105-lb. rail;
(4) 10 pairs compromise joint plates;
(5) 10 pairs do;
(6) 4 kegs 1x5-in. track bolts;
(7) 35 kegs 9/16-in. x 5½-in. track spikes;
(8) 600 tie rods.

Complete bids follow:

Columbia Steel Co., Russ Bldg.: (1) $69.43, plus $1.50 gross ton for punching, plus $3 gross ton for drilling; (2) $5.685; (3) $68.93, plus $1.50 gross ton for punching, plus $3 gross ton for drilling; (4) $12.175; (4) $12.175; (6) $9.70; (7) $6.60; (8) $0.57. Delivery in 60 to 75 days.

Pacific Coast Steel Corp., 20th and Illinois: (1) $70.57 (2) $5.25; (3) $70.60; (4) $10.65; (5) $10.65; (6) $9.70; (7) $6.60; (8) $0.45.

Baker-Hamilton & Pacific Co., 700 7th St.: (6) $9.70; (7) $6.60. Delivery in 10 days.

Kortick Mfg. Co., 345 First Street: (8) $0.4114. Delivery in 3 days.

Bids held under advisement.

CONTRACT AWARDED.

SAN FRANCISCO. — Standard Iron & Metal Yard, 534 Bryant Street, at $496.91 submitted high bid and was awarded contract by T. A. Brooks Purchaser of Supplies, City Hall under Sale No. 124, for the sale of approximately 11½ tons of scrap aluminum, bell metal, brass, cast iron, lead cable and copper [illegible] located in the machine shop of the Department of Electricity, 2[illegible] Gate Avenue.

BIDS OPENED.

LOS ANGELES, Cal.—The following bids were received by D. P. Nellin, purchasing agent of the Los Angeles Water and Power Bureau room 710, 207 S. Broadway, April 12, for furnishing gate valves for cars or trucks department's warehouse, 116 Ducommun St., Los Angeles, under Spec. No. 1648, as follows

(1) 150 only 4-inch screw end gate valves;
(2) 100 only 6-in. do.
(3) 50 only 8-in. do.
(4) 200 only 6-in hub end gate valves

The gate valves are to be solid wedge, iron body, bronze trim non-rising stem, guaranteed to operate under a water working pressure of 175 lbs. per sq. in. and tested hydrostatically to 350 lbs. per sq. in.

The bidders were:

(A) Hickey Pipe & Supply Co., shipping weight 69,000 lbs., discount 2% 30 days.

(B) Jenkins Bros., shipping weight 71,900 lbs.; discount 2%, 30 days.

(C) Shinn Bros. Co., shipping weight 69,000 lbs.; discount, Invoice 1 to 15 2% 25th of month; 15th 31st, 2%; 10th prox.

(D) Goddard - Jackson Co., shipping weight 69,000 lbs.; discount 2% 30 days.

(E) Robert M. Hartwell Co., shipping weight 69,000 lbs.; discount 2% 20 days.

(F) Rich Mfg. Co., shipping 68,000 lbs.; discount, 2% 10 days date invoice.

(G) Grinnell Co. of the Pacific (Reading, Pratt & Cady, Inc.) shipping weight 71,850 lbs.; discount 2% 10 days.

(H) The Chapman Valve Mfg. Co. shipping weight 71,000 lbs.; discount 2%, 30 days.

(I) The Ohio Injector Co., shipping weight 66,000 lbs.; discount 2%, 30 days.

(J) Hacker Pipe & Supply Co., shipping weight 66,000 lbs.; discount 2% 10 days.

(K) Crane Co., shipping weight, 68,100 lbs.; discount, 2%, 30 days.

Unit prices follow:

	(1)	(2)	(3)	(4)
(A)	$ 9.17	$17.06	$28.35	$17.06
(B)	16.56	26.22	41.40	25.30
(C)	9.89	17.00	28.35	17.00
(D)	9.97	17.06	28.35	17.06
(E)	9.97	17.06	28.35	17.06
(F)	10.90	18.64	30.98	[illegible]
(G)	16.56	26.22	41.40	25.30
(H)	16.56	26.22	41.40	25.30
(I)	9.975	17.063	28.35	17.06
(J)	16.56	26.22	41.40	25.30
(K)	16.56	26.22	41.40	25.30

CONTRACT AWARDED

CARMICHAEL, Sacramento Co. Cal.—Southern Pipe & Casing Co., Azusa, at $1641.49 submitted low bid and awarded contract by the Carmichael Irrigation District, Roy W. Sullivan, Secretary, for furnishing pipe. Complete bids follow:

Southern Pipe & Casing Co., Azusa, $1641.49.
Sacramento Pipe Co., Sacramento, $1751.20.
Western Pipe & Steel Co. San Francisco, $1811.65.
California Corrugated Culvert Co., Berkeley, $2050.

NOTICE TO BIDDERS.

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on April 24, and in Los Angeles on April 25.

I-Men-1-Ukl-Wlts in Ukiah and in Willits, to be opened April 24: PLANS (No. of Sheets) 8 (Cost) $0.80; CROSS SECTIONS: None; (Total) $0.80.

VII-Ora-181-S.A & A, between 17th St., in City of Santa Ana and Fairhaven Ave., to be opened April 25: PLANS (No. of Sheets) 8; (Cost($.80; CROSS SECTIONS (No. of Sheets 16; (Cost) $1.60; (Total) $2.40.

VII-Ora-2-A, bridge across Trabuco Creek, to be opened April 25: PLANS (No. of Sheets) 8; (Cost) $.80; CROSS SECTIONS (No. of Sheets) 8; (Cost) $.80; (Total) $1.60.

VIII-SBd-26-Rld, in Redlands at 3rd St. and 8th St., to be opened April 25: PLANS (No. of Sheets) 3; (Cost) $.30 No CROSS-SECTIONS; (Total) $.30.

XI-S.D-200-C, between 1 mile east of Barrett and Tecate Road, to be opened April 25: PLANS: (No of Sheets) 8; (Cost) $.80; CROSS-SECTIONS (No. of Sheets) 126; (Cost) $12.60; (Total) $13.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS OPENED

STATE OF WASHINGTON. — Bids were opened by L. V. Murrow, Director of Highways, Olympia, April 9, as follows:

Jefferson County: Grading and surfacing with crushed stone about 4.3 miles of Port Ludlow County Road, Junction State Road No. 9, near Uncas, to Center, U.S.P.W. Project NRS 215-A. Allen & Govan, Inc., Box 105, Olympia, at $84,192 submitted low bid.

Complete bids follow:

Allen & Govan, Inc., Olympia	$84,192
L. Collucio & Co., Seattle	87,671
Alex Besoloff Co., Seattle	95,486
Cowan, Hubback & Reese, Seattle	95,507
Northwest Const. Co., Seattle	96,206
Wilder & Montfort, Blaine	98,735
Halleran Bros., Seattle	102,279
Elliott & Co., Seattle	110,232
Myers & Goulter, Seattle	114,709
A. C. Greenwood & Co., Portland	125,035
Graham Bros. & Medley, Chehalis, Wash.	127,047

Spokane County: Paving with Portland cement concrete about 1.3 miles of County Road, Hillyard North, U. S. P. W. Project NRS 216-A. Norris Bros., Burlington, at $37,599 submitted low bid.

Complete bids follow:

Norris Bros., Burlington	$37,599
Chas. A. Power, Spokane	37,944
Goetz & Brennan, Seattle	38,000
J. H. Collins & Co., Spokane	39,264
G. H. Weller, Spokane	39,980
S. G. Morin, Spokane	40,820
J. B. Covello, Seattle	49,204

Bids held under advisement.

CONTRACT AWARDED

NAVAJO COUNTY, Ariz. — Rogers Bros., Snowflake, Ariz., at $46,081.72 awarded contract by the Bureau of Public Roads, Phoenix, for 4.527 miles of grading on Section A of Route 30, the Globe - Showlow National Forest Highway, Sitgreaves National Forest, Navajo County.

BIDS WANTED.

PINAL COUNTY, Ariz.—Until April 23, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson - Florence Highway, NRS 111-B (1935) AFE 8063. The work, which is to extend from the Florence-Coolidge Highway Junction at Florence southeasterly for approximately three (3) miles, consists of the grading and draining of the roadway and furnishing and placing road mix. The principal items and approximate quantities are:

11,400 c.y. imported borrow;
23,000 c.y. mi. imported borrow haul;
80 ft. 24-in. CM pipe;
3,400 c.y. mineral aggregate;
66,000 gals. road oil;
70 c.y. concrete;
10,000 lbs. reinforcing steel;

A proposal guarantee in an unendorsed certified or cashier's check of not less than 5% of the gross amount of the bid, made payable to the State Treasurer of Arizona, is required. Funds have been programmed for the construction of this project in the amount of $25,000. In the event contract unit prices indicate a total cost of the project as planned in excess of the amount of funds programmed for the project, the length of the project will be shortened if necessary to keep the cost of the work within the funds allotted thereto. T. S. O'Connell, State Highway Engineer.

AWARD RECOMMENDED

MOHAVE COUNTY, Arizona—R. C. Tanner and W. E. Hall Co., 525 Phoenix Title & Trust Bldg., Phoenix, at $55,930 submitted lowest of seven bids received, and recommended for award of contract by the Bureau of Public Roads, Phoenix, for grading 4.718 mi. of Section E of Federal Lands Highway Project No. 2, Kingman-Boulder Dam Highway, Mohave County.

Pearson & Dickerson Contractors, Inc., Prescott, at $58,507.80 submitted second low bid; and Skousen Bros., Albuquerque, N. M., at $60,333 submitted third low bid.

Engineer's estimate, $57,323.90.

CONTRACT AWARDED

COCONINO and Gila Counties, Ariz —K. DeWitt, Mesa, Ariz., at $26,895 awarded contract by the Bureau of Public Roads, Phoenix, for placing subgrade reinforcement on 6.585 miles of Section D of Route 10, the Pine-Winslow National Forest Highway, Coconino and Gila Counties.

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—K. DeWitt, Mesa, Arizona, at $162,684.40 awarded contract by the Bureau of Public Roads, Phoenix, for 3.776 miles of grading on Section A of Federal Lands Highway Project No. 6, the Globe-Showlow Highway in Navajo County.

COCHISE COUNTY, Ariz.—12.66 Mi. Grading, Etc—(State)

COCHISE COUNTY, Ariz.—Pleasant Hasler Co., 324 Luhrs Bldg., Phoenix, awarded contract by Arizona Highway Commission, Phoenix, March 27 at $152,427.80 (as previously reported) for highway construction on the Ft. Huachuca-Bisbee Highway, NRS 108-A (1935) AFE NO. 601. The work, which begins at Fort Huachuca and extends southeasterly about 12¾ miles, consists of grading, draining and placing aggregate base course and road oil plant mix.

Bids were taken on the following:

(1) 22,174 c.y. rdwy. excav., unclass.;
(2) 16,872 c.y. drainage do;
(3) 1069 c.y. struc. excav., unclass.;
(4) 50 0c.y. borrow do;
(5) 8461 sta. yds. earthwork overhaul
(6) 1604 cu. yd. mi. earthwork haul;
(7) 36,268 c.y. imported borrow;
(8) 31,502 c.y. mi. imported borrow, haul;
(9) 51,455 c.y. aggregate base course;
(10) 98,864 c.y. mi. aggregate base course haul;
(11) 369 c.y. Class A concrete (including cement);
(12) 26,738 lbs. reinf. steel bars (CIP);
(13) 128 ft. 24-in. CM pipe (CIP, inc. bands);
(14) 666 ft. 30-in. do;
(15) 400 ft. 36-in. do;
(16) 250 c.y. rock basket riprap (CIP);
(17) 112,905 ft. reconstruct fence (CIP)
(18) 10,470 ft. standard line fence, CIP
(19) 24,600 ft. graded ditches;
(20) 1075 ft. grading and constructing fords to section;
(21) 138 each guide posts (CIP);
(22) 6 each standard line fence gates (CIP);
(23) 1 lump sum lowering 8-in. water line at Sta. 596 plus 83;
(24) 250 hours rolling;
(25) 250 M. gals. sprinkling (CIP);
(26) 3000 c.y. stripping pits;
(27) 17,364 tons plant mix (inc. haul);
(28) 170,165 gals. road oil (for plant mix) CIP; SC-2;
(29) 227 tons emulsified asphalt (seal coat) CIP;
(30) 12,589 miles placing plant mix;
(31) 990 c.y. screenings (CIP);
(32) 1083 sq. yds. placing intersections;

Structures Over 20-ft. Clean Span

(33) 4941 c.y. drainage excav., unclass.
(34) 965 c.y. structural do;
(35) 214 c.y. aggregate base course;
(36) 428 c.y. mi. aggregate base course haul;
(37) 684 c.y. Class A concrete (including cement);
(38) 49 c.y. Class B do;
(39) 83,485 lbs. reinf. steel bars (CIP);
(40) 61 c.y. removal of old concrete;
(41) 20 c.y. removal of old concrete rubble wall (Sta. 198 plus);
(42) 250 ft. road guard (CIP);
(43) 100 tons plant mix (inc. haul);
(44) 1019 gals. road oil, CIP (SC-2);
(45) 1 ton of emulsified asphalt (seal coat) CIP;
(46) 0.063 mile placing plant mix;
(47) 6 c.y. screenings (CIP).

The total bids were:

(A) Pleasant-Hasler Const. Co., Phoenix, $152,427.80.
(B) R. C. Tanner and W. E. Hall Co., Phoenix, $153,622.56.
(C) Pearson & Dickerson, Contractors, Inc., Prescott, Ariz., $158,004.94.
(D) Heafey-Moore & Casson, Box 2293 Phoenix, $164,635.95.
(E) Phoenix-Tempe Stone Co., Phoenix, $168,004.38.
(F) Geo. W. Orr, Globe, Ariz., $168,662.24.
(G) Lee Moor Contr. Co., El Paso, Texas, $177,838.22.
(H) Heuser & Garnett, Glendale, Cal., $181,815.44.
(I) White & Miller, Tucson Arizona, $181,880.73.
(J) Southern California Roads Co., Los Angeles, $191,453.44.
(K) Skousen Bros. & Yeager, Phoenix, $196,554.27.

The unit bids were:

(Continued on Next Page)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1)	$ .24	$ .52	$ .24	$ .30	$ .31	$ .50	$ .325	$ .31	$ .27	$ .35	$ .38
2)	.24	.18	.215	.25	.21	.30	.325	.31	.23	.24	.38
3)	.90	1.00	1.00	1.00	1.20	1.00	1.00	1.90	1.00	.90	1.00
4)	.24	.3	.24	.25	.30	.30	.45	.50	.32	.35	.30
5)	.03	.05	.025	.01	.04	.03	.025	.05	.03	.04	.01
6)	.16	.30	.18	.16	.24	.25	.40	.25	.35	.15	.30
7)	.16	.165	.26	.20	.23	.20	.26	.21	.19	.24	.22
8)	.14	.17	.18	.17	.15	.20	.20	.20	.13	.23	.27
9)	.48	.43	.55	.66	.54	.48	.56	.60	.56	.665	.65
10)	.09	.09	.095	.08	.11	.10	.10	.11	.115	.13	.13
11)	18.00	18.00	17.00	19.00	22.00	18.00	20.00	22.00	25.00	22.00	22.00
12)	.048	.045	.044	.045	.045	.05	.05	.06	.055	.06	.064
13)	3.00	2.50	3.00	3.00	2.60	2.75	2.70	2.50	3.00	3.00	2.75
14)	3.50	3.10	4.00	3.50	3.25	3.50	3.45	3.00	4.00	3.50	3.50
15)	6.25	4.80	6.00	5.00	5.25	5.50	5.45	5.00	5.70	5.50	5.50
16)	4.50	3.00	4.00	2.75	3.75	8.00	4.00	3.00	8.00	3.50	2.50
17)	.07	.05	.05	.07	.07	.07	.06	.08	.07	.075	.075
18)	.07	.05	.05	.07	.07	.07	.06	.07	.07	.07	.07
19)	.04	.03	.03	.02	.04	.025	.04	.06	.03	.03	.04
20)	3.00	2.50	3.00	3.25	1.65	3.40	2.50	2.70	3.80	4.00	4.00
21)	1.50	2.00	1.50	3.00	2.50	2.50	1.75	2.50	2.00	2.50	3.30
22)	12.00	5.00	6.00	4.00	25.00	18.00	15.00	20.00	6.50	6.00	20.00
23)	1.00	50.00	125.00	100.00	125.00	100.00	125.00	60.00	100.00	60.00	200.00
24)	2.50	3.00	3.00	3.00	3.00	3.00	2.50	5.00	3.00	2.50	3.50
25)	2.50	2.00	2.00	2.00	3.00	2.50	2.50	2.50	4.00	3.50	3.50
26)	.18	.20	.36	.20	.24	.05	.10	.30	.19	.30	.20
27)	1.32	1.42	1.44	1.43	1.35	1.50	1.80	1.50	1.70	1.65	1.60
28)	.055	.055	.047	.055	.055	.06	.06	.06	.062	.07	.054
29)	30.00	33.00	27.00	26.20	34.50	27.50	31.00	35.00	33.00	35.00	30.00
30)	250.00	150.00	275.00	300.00	300.00	250.00	300.00	250.00	300.00	250.00	285.00
31)	4.00	5.00	4.00	3.00	5.50	4.00	4.00	4.00	4.25	4.00	4.00
32	.15	.20	.12	.20	.15	.25	.30	.20	.25	.20	.24
33)	.24	.18	.215	.25	.21	.30	.325	.31	.23	.24	.38
34)	.90	1.00	1.00	1.00	1.20	1.00	1.00	1.90	1.25	.90	1.00
35)	.48	.43	.55	.66	.54	.48	.56	.60	.56	.655	.65
36)	.09	.09	.095	.08	.11	.10	.10	.11	.115	.13	.13
37)	18.00	18.00	17.00	18.00	22.00	18.00	30.00	22.00	25.00	22.00	22.00
38)	18.00	18.00	17.00	18.00	21.00	18.00	24.00	22.00	25.00	22.00	22.00
39)	.048	.045	.044	.045	.045	.05	.05	.06	.055	.06	.064
40)	5.00	5.00	8.00	2.00	3.00	3.00	7.00	4.00	5.00	6.00	5.50
41)	5.00	2.00	2.00	1.00	2.25	3.00	3.00	4.00	3.00	1.50	5.50
42)	1.00	1.00	1.00	1.25	1.00	1.00	1.25	1.00	1.50	2.00	1.50
43)	1.32	1.42	1.44	1.43	1.35	1.50	1.80	1.70	1.70	1.65	1.60
44)	.055	.055	.047	.055	.055	.06	.06	.06	.062	.07	.054
45)	30.00	33.00	27.00	52.40	34.50	27.50	31.00	35.00	33.00	35.00	30.00
46)	250.00	150.00	275.00	300.00	300.00	250.00	300.00	250.00	300.00	250.00	285.00
47)	4.00	5.00	4.00	3.00	5.50		4.00	4.00	4.25	4.00	4.00

The bids were opened March 29

ALAMEDA COUNTY — Overhead Crossing — (State)

ALAMEDA COUNTY, Cal.—Barrett & Hilp, 918 Harrison St., San Francisco, at $1,026 780 submitted low bid to the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, Southern Pacific Co. and Key System, Ltd., in the City of Oakland, consisting of a steel and concrete viaduct on concrete bents with a concrete roadway slab.

Bids were taken as follows:

1) 1 lot remove buildings and clear site;
2) 40,000 cu. yds. excav. for struct.;
3) 9000 cu. yds. Class B Portland cement concrete in place (footings);
4) 22,000 cu. yds. Class B Portland cem. conc. in place (superstructure);
5) 2000 cu. yds. Class B Portland cement concrete in place (steel stringer slab);
6) 4000 bbls. extra Portland cement
7) 660,000 lbs. pipe railing in place;
8) 3,500,000 lbs. reinf. steel in place
9) 4,500,000 lbs. struct. steel in place;
10) 21,000 lbs. bronze castings in place;
11) 1 lot electric lighting system complete in place;
12) 20,000 lbs. cast iron drains in place;
13) 2200 tons field painting;
14) 59,000 lin. ft. 4¼-inch reinforcing trusses in place.
15) 95,000 lin. ft. 5¼-in. do.;
16) 1 lot remove and replace sewers;
17) 1 lot miscellaneous items of work

Total bids follow:

(A) Barrett & Hilp, San Francisco, $1,026,780.
(B) Mittry Bros. Constr. Co., Los Angeles, $1,053 965.
(C) N. M. Ball, Berkeley, and Bodenhamer Constr. Co., Oakland, $1,085,780.
(D) Bates & Rogers Constr. Co., Oakland, $1,065,813.
(E) Clinton Constr. Co., San Francisco, $1,087,800.
(F) MacDonald & Kahn Co., Ltd., San Francisco, $1,093,518.
(G) Healy-Tibbitts Constr. Co., San Francisco, $1,169,550.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$21,000.00	$13,000.00	$ 7,500.00	$13,200.00	$ 5,000.00	$ 600.00	$ 8,000.00
(2).....	1.75	1.95	2.50	3.00	2.00	3.00	2.10
(3)	8.50	8.10	11.00	8.55	9.00	8.45	8.60
(4).....	15.50	15.50	13.00	14.50	17.20	18.45	19.10
(5).....	14.50	13.50	11.00	14.65	14.40	13.00	14.00
(6)	1.75	2.20	2.52	2.10	1.50	2.15	2.00
(7).....	.09	.12	.10	.1005	.805	.084	.11
(8)	.04	.039	.045	.0319	.043	.045	.043
(9).....	.045	.05	.051	.0565	.048	.04	.052
(10).....	.30	.30	.30	.41	.30	.32	.25
(11).....	15,000.00	15,550.00	12,000.00	19,500.00	17,000.00	10,750.00	18,000.00
(12).....	.06	.06	.06	.08	.06	.065	.065
(13).....	9.00	4.00	5.00	3.70	8.00	3.00	5.00
(14).....	.17	.185	.20	.152	.21	.18	.25
(15).....	.19	.18	.22	.147	.23	.16	.25
(16).....	2,000.00	3,500.00	7,000.00	625.00	560.00	1,700.00	800.00
(17).....	1,000.00	1,500.00	10,000.00	1,375.00	900.00	1,138.00	1,500.00

BIDS OPENED.

POLK AND YAMHILL COUNTIES, Oregon—Joplin & Eldon, N Columbia Blvd., and Peninsular, Portland, at $36,387 (pipe culvert and road oil) submitted low bid to the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 11, for 1.38 miles grading, surfacing, and oil mat surface treatment on the Yamhill County Line-Stratton Ranch Section of the Salem-Dayton Secondary Highway.

Bids were taken as follows:
(1) road oil and box culvert,
(2) road oil and pipe culvert,
(3) tar and box culvert,
(4) tar and pipe culvert.

Complete bids follow:

Joplin & Eldon, Portland (1) $36,031; (2) $36,387; (3) $37,255; (4) $36,611.

Edlefsen-Weygandt Co., Portland (1) $37,635; (2) $36,937; no bids on (3) and (4).

E. C. Hall, Eugene: (1) $38,685; (2) $37,249; (3) $38,985; (4) $37,549.

Oregon Contr. Co., Portland (1) $37,858.50; (2) $37,958.50; no bid on (3) and (4).

Fisher Bros., Oregon City: (1) $40,384; (2) $39,424; no bid on (3) and (4).

J. C. Compton, McMinnville: (1) $39,981; (2) $39,961; no bid (3) (4).

Johnson, Hanson & Johnston, Birkenfeld: (1) $40,088; (2) $39,487; no bid on (3) and (4).

Harold Blake, Portland: (1) $44,974.50; (2) $40,984.50; (3) $41,944.50 (4) $40,954.50.

All bids held under advisement

SUB-CONTRACTS AWARDED

SAN FRANCISCO.—R. S. Silverberg, 405 Montgomery St., awarded the following sub-contracts for the improvement of Kramer Place between Greenwich St. and southerly termination of Kramer Place, and Pardee Alley between Kramer Place and Grant Ave.:

Concrete — Readymix Concrete Co., Ltd., Carolina and Mariposa.
Reinforcing Steel—W. C. Hauck and Co., 280 San Bruno Ave.
Plastering—Campbell and King, 110 Ashton Avenue.

FUNDS GRANTED

SEATTLE, Wash.—Federal Public Works Administration officials have granted $414,000 to the City of Seattle to assist with a program of 28 arterial improvements for which $1,128,000 in general bonds were voted three years ago. Fourteen of the arterials, costing $427,986.85, have been completed. Plans will be completed on the balance and sent to E. R. Hoffman, State Engineer, PWA, Olympia, for approval.

CONTRACT AWARDED

YOLO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $29,414.50 awarded contract by the State Highway Commission at Sacramento, for about 0.6 mile in length to be graded, the present pavement to be widened with crusher run base, and plant mixed surfacing (medium curing type) to be constructed over the existing pavement and the crusher run base, between the south city limits and Main Street in Woodland, Yolo County.

CONTRACT AWARDED

MADERA COUNTY, Cal.—Peninsular Paving Co., 9 Main St., San Francisco, at $5,643.15 awarded contract by the Bureau of Public Roads, 807 Shell Bldg., 461 Market St., San Francisco, for bituminous treatment (light surface application) on approximately 4.288 miles of Section A of Route 74 the North Fork National Forest Highway, Sierra National Forest, Madera County.

Washoe County, Nevada—22.5 Mi. Highway Const.—(State)

WASHOE COUNTY, Nevada—Fredrickson & Watson Const., Co., Fredrickson Bros. and Jones & King, 873 81st Ave., Oakland, at $97,864.61, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, April 10, for the construction of a portion of the State Highway System in Washoe County, between ten miles north of Reno and Pyramid Lake, a length of 22.5 miles, NRS Project 123-B, Route 33.

The work involves:
(1) 156 acres clearing and grubbing;
(2) 155,200 cu. yds. roadway excav.;
(3) 154,507 sta. yds. overhaul;
(4) 66,513 cu. yds. select borrow;
(5) 1500 cu. yds. structure excav.;
(6) 22.5 mi. subgrade;
(7) 22.5 mi. finish roadway;
(8) 45,700 cu. yds. select material surfacing;
(9) 16,900 tons crushed gravel or stone surfacing;
(10) 64 cu. yds. Class A concrete;
(11) 98 cu. yds. Class B concrete;
(12) 8800 lbs. reinf. steel;
(13) 19.3 MFBM redwood;
(14) 2200 lin. ft. 18-in. C.M.P.;
(15) 532 lin. ft. 24-in. C.M.P.;
(16) 122 lin. ft. 36-in. C.M.P.;
(17) 295 lin. ft. 1.5-ft. x 1.5-ft. laminated culverts;
(18) 200 lin. ft. 4.0-ft. x 2.0-ft. do;
(19) 55 cu. yds. riprap;
(20) 139 each monuments.

Total bids follow:
(A) Fredrickson & Watson Construction Co., Fredrickson Bros. and Jones & King, Oakland, Calif., $97,864.61.
(B) Peninsula Paving Co., Fallon, $100,140.61.
(C) N. M. Ball, Berkeley, Cal., $100,607.21.
(D) Isbell Const. Co., Reno, $109,845.24.
(E) Union Paving Co., San Francisco $110,774.30.
(F) Utah Const. Co., Ogden, $112,782.87.
(G) A. Teichert & Son, Inc., Sacramento, $121,657.12.
(H) J. A. Casson, Oakland, $140,369.64
(I) Engineer's estimate, $108,886.04.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).....	$15.00	$10.00	$20.00	$25.00	$20.00	$15.00	$15.00	$10.00	$10.00
(2).....	.19	.18	.20	.20	.225	.23	.20	.30	.20
(3).....	.01	.015	.01	.02	.02	.025	.01	.02	.02
(4).....	.28	.30	.30	.30	.32	.30	.35	.50	.30
(5).....	1.00	.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00
(6).....	125.00	100.00	75.00	50.00	100.00	75.00	125.00	100.00	100.00
(7).....	125.00	150.00	100.00	150.00	75.00	150.00	125.00	100.00	100.00
(8).....	.28	.40	.325	.39	.35	.38	.60	.50	.40
(9).....	.60	.52	.50	.60	.55	.46	.65	.60	.65
(10).....	25.00	20.00	30.00	30.00	25.00	28.00	28.00	25.00	30.00
(11).....	25.00	20.00	30.00	30.00	25.00	28.00	28.00	25.00	30.00
(12).....	.06	.06	.07	.07	.06	.08	.06	.06	.07
(13).....	100.00	110.00	100.00	115.00	120.00	100.00	125.00	100.00	120.00
(14).....	1.80	1.55	1.75	2.00	2.25	2.20	2.00	2.00	2.00
(15).....	2.60	2.30	2.42	2.85	3.50	3.50	3.00	3.00	3.50
(16).....	5.00	4.40	4.40	5.00	5.00	6.50	5.00	4.50	5.00
(17).....	2.70	3.00	3.00	3.60	3.00	3.60	3.00	3.00	2.00
(18).....	9.80	9.25	8.00	9.50	9.00	14.00	11.00	10.00	9.00
(19).....	3.00	6.00	4.00	4.00	5.00	5.00	6.00	10.00	4.00
(20).....	3.00	2.50	3.00	3.50	2.50	3.00	3.00	3.00	5.00

LOS ANGELES — PUMPS AND MOTORS — (CITY)

LOS ANGELES, Cal.—Bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Rm. 740, 207 S. Broadway, April 3, for furnishing and delivering to the Bureau of Water Works & Supply of the Department of Water & Power of the City of Los Angeles, electric motor driven, centrifugal, shaft sinking pumps, etc., in accordance with respective items and other provisions of Specifications No. 1645, f.o.b. the department's warehouse, 410 Ducommun St., Los Angeles. The items were:

(1) 1 only electric motor driven, vertical, centrifugal, sinking pump with motor and motor starter, but without cage or cage guides
(1a) 1 only sinking pump, identical in all respects to that described under item (1) except that the voltage under operating current shall be 2200 volts;
(2) 1 only electric motor driven, vertical, centrifugal, sinking pump with motor and motor starter, but without cage or cage guides
(2a) 1 only sinking pump, identical in all respects to that described under item (2) except that the voltage under operating current shall be 2200 volts;
(3) 1 only electric motor driven, vertical, centrifugal, sinking pump with motor and motor starter, but without cage or cage guides
(3a) 1 only sinking pump, identical in all respects to that described under item (3) except that the voltage under operating current shall be 2200 volts;
(4) 1 only spare part assembly, consisting of shaft, impellers, bearings, pump half of shaft coupling and wear rings for pump specified under item (1) or item (1a), for a lump sum price, per assembly;
(5) 1 only spare part assembly, consisting of shaft, impellers, bearings, pump half of shaft coupling and wear rings for pump specified under item (2) or item (2a), for lump sum price, per assembly;
(6) 1 only spare part assembly, consisting of shaft, impellers, bearings, pump half of shaft coupling and wear rings for pump specified under item (3) or item (3a), for a lump sum price, per assembly.

The bidders were:
(A) Petroleum Equipment Co.—Terms net.
(B) Layne & Bowler Corp.—Terms net.
(C) Byron Jackson Co.—Terms net.
(D) Pomona Pump Co.—Termst net.

	(1)	(1 Alt.)	(2)	(2 Alt.)	(3)	(3 Alt.)	(4)	(5)	(6)
(A)	$3879.00	$2609.00	$2605.00	$2905.00	$1001.00	$1413.00	$390.00	$390.00	$150.00
(B)	4543.00	4812.50	3100.90	3558.50	1785.30	2361.00	964.00	1100.00	448.00
(C)	3742.00	4006.00	2089.00	2323.00	917.00	1329.00	585.00	485.00	138.00
(D)	3704.87	3518.32	2225.49	2593.84	1496.69	1938.14	462.72	460.00	206.40

COMPLETE BID LISTING

HUMBOLDT COUNTY, Nevada—Nevada Rock & Sand Co., Inc., 949 E 4th St., Reno, at $68,175.99, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Carson City, Nevada, April 10, for the construction of a portion of the State Highway System in Humboldt County between Toll House and Paradise Hill, Route 8, Section B, a length of 12.2 miles.

The work involves:
(1) 438 lin. ft. remove culvert pipe;
(2) 38 each, remove culvert headwalls;
(3) 92,000 cu. yds. roadway excavation;
(4) 93,332 sta. yds. overhaul;
(5) 3391 cu. yds. select borrow;
(6) 7760 cu. yds. imported borrow;
(7) 1030 cu. yds. structural evcav.;
(8) 12.21 mi. subgrade;
(9) 12.21 mi. finish roadway;
(10) 48,300 tons crushed gravel or stone surface;
(11) 166 cu. yds. Class A concrete;
(12) 31 cu. yds. Class B concrete;
(13) 17,950 lbs. reinf. steel;
(14) 492 lin. ft. 15-in. C.M.P.;
(15) 672 lin. ft. 18-in. C.M.P.;
(16) 632 lin. ft. 24-in. C.M.P.;
(17) 144 lin. ft. 30-in. C.M.P.;
(18) 206 lin. ft. 36-in. C.M.P.;
(19) 212 lin. ft. relay culvert pipe;
(20) 107 each move pipe culvert headwalls;
(21) 74 each monuments.

Total bids follow:
(A) Nevada Rock & Sand Co., Inc Reno, $68,175.99.
(B) Peninsula Paving Co., Fallon $69,989.54.
(C) Utah Constr. Co., Ogden, $77,7 692.64.
(D) J. A. Casson, Oakland, $90,435.24
(E) Engineer's Estimate, $77,763.04.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .75	$ .50	$ .80	$ 1.00	$ .7
(2)....	5.00	5.00	6.00	10.00	5.0
(3)....	.23	.24	.30	.40	.2
(4)....	.02	.02	.02	.02	.0
(5)....	.35	.40	.45	.60	.4
(6)....	.30	.30	.35	.50	.3
(7)....	1.00	1.00	1.25	1.00	1.0
(8)....	100.00	100.00	75.00	100.00	100.0
(9)....	100.00	150.00	200.0	100.00	100.0
(10)....	.50	.50	.50	.60	.6
(11)....	25.00	25.00	28.00	20.00	30.0
(12)....	27.00	24.00	28.00	20.00	30.0
(13)....	.06	.06	.08	.06	.0
(14)....	2.00	2.00	1.70	2.00	2.0
(15)....	2.25	2.25	2.00	2.50	2.2
(16)....	3.00	3.25	3.25	3.00	3.2
(17)....	3.50	4.25	4.00	4.00	4.2
(18)....	5.00	5.50	6.00	4.50	5.5
(19)....	1.00	.75	.50	1.00	.5
(20)....	10.00	10.00	12.00	10.00	10.0
(21)....	3.00	3.00	3.00	3.00	4.0

CONTRACT AWARDED.

TRINITY COUNTY, Calif. — Alber Helwig, 115 S. Main St., Sebastopo at $9,381 awarded contract by Burea of Public Roads, 807 Sheldon Bldg 461 Market St., San Francisco, fo bituminous treatment on 19.662 mile of Sections A, B, C, D and E c Route 5, the Douglas City-Peanut Na tional Forest Highway, Trinity Na tional Forest, Trinity County.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif. - Rexroth & Rexroth, 2110-C, Statio A, Bakersfield, at $11,986.75 award contract by the State Highway Com mission, Sacramento, for plantin trees and shrubs in Los Angeles Coun ty between Mission Road in Los An geles and Atlantic Blvd., in Montere Park, about 5.9 miles in length to b planted to trees, shrubs and groun cover.

DS OPENED

ANTA BARBARA COUNTY, Cal. ohn Fesler, P. O. Box, 181, Santa rla, at $5072.15 submitted low bid the Department of Public Works, Vision of Highways, L. H. Gibson, strict Engineer, San Luis Obispo, ril 16, for 0.4 mile widening of ıdway cut and planting roadsides in nta Barbara County, between two les north of Solomon Summit and nta Maria.

Total bids follow:

) John Fesler, Santa Maria, $5072.15
) James S. Butler, San Luis Obispo $5486.81.
) Henry C. Dalesso, San Luis Obispo, $5530.93.
) L. A. Brisco, Arroyo Grande, $6,-185.22.
) S. A. Cummings, San Diego, $7,-233.
) Walter B. Roselip, San Luis Obispo, $7578.10.

'nit bids will be published shoraly.

DS OPENED

SAN FRANCISCO — Henderson & ndry at $790 submitted low bid to Department of Public Works, City ll, under Spec. No. 18,755 for the provement of the east side of Larıı Street, between Bay and Franco Streets.

'omplete bids follow:

nderson & Landry	$ 790.00
Bertolino, S. F.	887.00
J. Treacy, S. F.	898.70
S. Silverberg, S. F.	1079.00
eo. Cohn, S. F.	1325.00
as. L. Harney, S. F.	1732.50

The work will involve:

1) 480 sq. ft. 4-in. macadam sidewalk with emulsified asph. wearing surface;
2) 80 sq. ft. existing concrete pavement to be removed and replace with 6-in. Class E concrete pave.
3) 90 sq. ft. Class E conc. pave.;
4) 60 sq. ft. existing asph. wearing surface to be removed and replaced with 2-in. asphalt conc. wearing surface;
5) 2.8 c.y. Class B concrete in 12-in. standard coping, including two 12-in. stairs 4-ft. in width;
6) 70 l.f. redwood bulkhead, 3-feet high;
7) 75 l.f. do. 2-ft. high;
8) 35 l.f. do. 1-ft. high;
9) 240 l.f. 2x6-in. redwood headers in place;
0) 40 l.f. 2-rail wooden guard fence;
1) 250 c.y. sand fill;
2) 3,500 sq. ft. ice plant, planted at 12-in. centers;
3) 1,800 ft. B.M. lumber in place in stairway.

ONTRACT AWARDED

STOCKTON, San Joaquin Co., ' Biasotti, Willard & Biasotti, 40 W ay S., Stockton, at $18,750 awarded ntract by Stockton Port Commisın for building extensions to road ainage system and control gates, tother with gate keeper's house.

Complete bids follow:

) per c.y. for grading (approximately 5,000 c.y. involved).

asotti, Willard and Biasotti, Stockton		$18,750.00
	(1)	.35
muel Eyre, Tracy		$19,950.00
	(1)	.50
bert E. McCarthy, S. F.		$20,412.00
	(1)	.35
Kaus, Stockton		$20,900.00
	(1)	.40
ord & Bishop, Sacramento		$21,700.00
	(1)	.60
edrickson & Watson, Oakland		$25,745.00
	(1)	.60
cific States Const. Co., San Francisco		$27,089.00
	(1)	.65

CONTRACT AWARDED

CURRY COUNTY, Oregon—A. S. Wallace, Roseburg, at $15,251.50 submitted only bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 11, for furnishing approximately 10,700 cu. yds. crushed gravel in stockpiles between Euchre Creek and Rogue River and between Taylor Creek and the California State Line on the Curry County Rock Production Project on the Oregon Coast Highway.

BIDS REJECTED

HOOD RIVER COUNTY, Oregon—All bids received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 11, for 0.8 mile road mix surface treatment on the Jerico Lane Section of Hood River Secondary Highway, F.S.P.W. Project No. NRS 253, have been rejected and the project ordered readvertised.

The bids were:

Northwest Rds Co., Portland	$5837.50
Babler Bros., Portland	6105.00

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Dumitt & Taylor, 815 E. 59th St., Los Angeles, at $31,891.80 awarded contract by the State Highway Commission, Sacramento, for 1.7 miles grading and applying road mix surface treatment in San Diego County through the Narrows.

LOS ANGELES COUNTY — 0.6 MI. PAVING — (STATE)

LOS ANGELES COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $60,923.40 on Alt. "A" and at $62,814 on Alt. "B" submitted low bid, as previously reported, to the State Highway Engineer, State Bldg., Los Angeles, April 11, for about 0.6 mile of paving with asphalt concrete and Portland cement concrete in Los Angeles County, between Ocean Ave. and Lincoln Blvd.

The work involves:

(1) 30 stations clearing and grubbing right-of-way;
(2) 300 M gals. water;
(3 28,000 cu. yds. rdwy. excav., unclass;
(4) 9000 tons selected material;
(5) 4500 cu. yds. structure excav.;
(6) 16,000 sq. yds. subgrade preparation;
(7) 30 stations finishing roadway;
(8) 65 tons liquid asphalt SC-2 (shoulders);
(9) 7900 sq. yds. preparing, mixing, and shaping shoulders;
(10) 10 tons liquid asphalt 90-95 (seal coat);
(11) 100 tons screenings (seal coat);
(12) 1050 tons asphalt concrete, exclusive of central forty foot width;
(13) 41,000 lbs. har reinf. steel (structures);
(14) 590 cu. yds. Class A Portland cement concrete (structures);
(15) 260 lin. ft. 18-in. standard reinf. concrete pipe;
(16) 310 lin. ft. 18-in. CMP;
(17) 630 cu. yds. Class A Portland cement concrete (curbs, gutters & sidewalks);
(18) 500 sq. yds. asphaltic paint binder
(19) 280 cu. yds. conc. removed and disposed of;
(20) 2100 lbs. Misc. iron and steel;
(21) 450 lin. ft. curb armor;
(22) 2000 lbs. steel rail assemblies;

ALTERNATIVE ITEMS

Central 40 ft. strip Station 86+50 to Station 115+20.76.

ALTERNATIVE "A"

(23) 5330 tons asphalt concrete;

ALTERNATIVE "B"

(24) 2390 cu. yds. Class A Portland cement concrete (pavement);
(25) 6500 lbs. har reinf. steel (pavement);
(26) 3500 each pavement dowels;
(27) 9 tons liquid asphalt SC-1A (subgrade treatment);
(28) 14 tons Grade E asphalt (subgrade treatment).

NOTE — Alternative "A" sets forth the necessary item for the construction of the pavement with asphalt concrete; Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

The total bids were:

(A) Griffith Co., 502 L. A. Railway Bldg., (A) $60,923.40; (B) $62,814.
(B) J. L. McClain, (A) $66,563.50; (B) $66,557.60.
(C) United Concrete Pipe Corp., (A) $62,970; (B) $67,787.40.
(D) Oswald Bros., (A) $64,529; (B) $68,414.
(E) George R. Curtis Paving Co., (A) $69,275.70; (B) $69,220.20.
(F) Sharp & Fellows Constr. Co., (A) $69,587; (B) $69,581.80.
(G) Gogo & Rados, (A) $69,882.50; (B) $70,569.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$20.00	$15.00	$10.00	$14.00	$10.00	$10.00	$10.00
(2)	1.60	.75	.30	.70	1.00	1.25	1.00
(3)	.245	.35	.30	.32	.39	.32	.45
(4)	.90	1.00	.70	.90	.95	1.00	.90
(5)	.50	.75	.45	.80	1.00	.60	.60
(6)	.10	.10	.12	.10	.10	.10	.08
(7)	12.00	5.00	6.00	5.00	5.00	10.00	10.00
(8)	9.00	12.00	15.00	12.00	8.36	11.00	10.00
(9)	.06	.04	.12	.01	.05	.08	.06
(10)	20.00	17.00	15.00	17.00	19.20	17.00	12.00
(11)	2.50	2.00	2.00	2.75	3.00	3.00	2.50
(12)	3.18	3.30	3.50	3.10	3.34	3.50	3.00
(13)	.047	.045	.05	.045	.046	.04	.04
(14)	13.50	15.00	15.00	15.60	15.80	16.50	17.00
(15)	2.50	2.50	2.50	2.35	2.20	2.50	3.00
(16)	2.20	1.65	2.00	1.65	1.65	1.40	1.60
(17)	10.50	10.00	14.00	11.00	11.00	13.00	15.00
(18)	.04	.03	.04	.02	.02	.03	.03
(19)	1.60	2.00	2.00	1.50	1.25	2.80	3.00
(20)	.10	.12	.10	.12	.11	.12	.12
(21)	.62	.80	1.00	.75	.75	.90	.70
(22)	.04	.05	.06	.04	.035	.05	.10
(23)	3.18	3.30	2.90	3.10	3.34	3.50	2.85
(24)	7.30	6.85	7.96	8.00	6.85	7.35	6.20
(25)	.09	.075	.05	.075	.083	.04	.07
(26)	.12	.10	.12	.11	.12	.12	.12
(27)	20.00	12.00	25.00	13.50	12.90	13.70	8.00
(28)	20.00	19.00	20.00	21.00	21.40	20.00	8.00

BIDS OPENED

SAN MATEO COUNTY, Cal.—A. G. Raisch, 1 De Haro St., San Francisco, at $46,504.10 submitted low bid to the State Highway Commission, Sacramento, for 0.2 mile grading and paving with asphalt concrete in San Mateo County in the City of San Mateo, bet. Crystal Springs Road and Third Ave.

The work involves:

(1) 50 M gals. water;
(2) 750 cu. yds. rdwy. excavation, unclass.;
(3) 2800 cu. yds. struct. excav.;
(4) 2500 cu. yds. imported borrow;
(5) 550 cu. yds. remove and dispose of exist. Portland cement conc.;
(6) 250 sq. yds. planing existing pavement.
(7) 9 stations finishing rdwy.;
(8) 1130 tons crusher run base;
(9) 1500 sq. yds. asphaltic paint binder;
(10) 1650 tons asphalt concrete;
(11) 72,000 lbs. bar reinf. steel;
(12) 385 cu. yds. Class A Portland cement concrete (arch footings);
(13) 342 cu. yds. Class A Portland cement concrete (arch barrel);
(14) 400 cu. yds. Class 9 Portland cement concrete (walls);
(15) 200 cu. yds. Class A Portland cement concrete (sidewalks, curbs, gutters and structures);
(16) 190 cu. yds. rubble masonry;
(17) 170 lin. ft. 15-in. CMP, close riveted and soldered;
(18) 50 lin. ft. 18-in. CMP, do;
(19) 6 each conc. joints 15-in. culvert
(20) 1 each conc. joint 18-in. culvert;
(21) 1 each special brick catchbasin;
(22) 1 each new brick manhole;
(23) 3 each manholes adjusted to grade;
(24) 275 lin. ft. laminated timber guard rail;
(25) 20 each crosswalk markers;
(26) 6 each monuments.

Total bids follow:

(A) A. G. Raisch, San Francisco, $46,504.10.
(B) L. C. Seidel, Oakland, $53,268.50.
(C) Fay Improvement Co., San Francisco, $55,671.49.
(D) Chas. L. Harney, San Francisco, $58,531.70.
(E) Hanrahan - Wilcox Corp., San Francisco, $63,782.19.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ 3.00	$ 2.08	$ 2.00	$ .75
(2)	.96	1.00	1.25	.32	.50
(3)	1.20	2.00	2.00	3.42	1.10
(4)	.78	1.00	1.20	1.00	.85
(5)	6.00	4.00	8.00	3.00	5.00
(6)	.90	.20	.50	.34	.30
(7)	3.00	10.00	8.00	6.00	5.00
(8)	2.50	3.20	3.28	3.25	2.20
(9)	.03	.05	.028	.03	.02
(10)	4.80	5.25	5.22	4.60	5.00
(11)	.0375	.04	.038	.04	.04
(12)	10.80	12.00	18.52	17.40	27.00
(13)	16.80	20.00	18.52	28.90	27.00
(14)	19.40	22.00	18.52	22.00	27.00
(15)	15.80	16.00	13.50	13.40	12.50
(16)	7.00	12.00	6.90	8.00	9.00
(17)	2.00	2.00	2.90	1.77	1.45
(18)	2.50	2.20	4.00	2.20	1.70
(19)	5.00	5.00	4.80	9.00	6.80
(20)	8.00	6.00	5.00	12.50	8.00
(21)	90.00	60.00	78.00	65.00	55.00
(22)	90.00	90.00	85.00	86.00	70.00
(23)	7.50	5.00	15.00	10.00	7.50
(24)	1.00	1.00	1.75	1.00	.70
(25)	.30	.25	.40	25.00	.25
(26)	3.00	4.00	5.00	3.00	2.25

CONTRACT AWARDED

THRUSTON COUNTY, Wash.—Strother & Sons, 2039 Greenwood Avenue, Seattle, at $38,784.10 awarded contract by L. V. Murrow, DLirector of Highways, Olympia, for paving with Portland cement concrete about 0.1 mile and constructing a double track girder undercrossing of the Northern Pacific Railway Co.'s tracks in Tenino on Road No. 1, Tenino Undercrossing, USPW Project NRM 85.

KERN COUNTY—4.5 MI. Grade and Surface—(State)

KERN COUNTY, Cal.—Basich Bros. 20,550 Normandie Ave., Torrance, at $41,772.80 submitted low bid to State Highway Commission at Sacramento, for 4.5 miles grading and placing bituminous selected surfacing material, in Kern County between one-half mile south and four miles east of Western Water Works Pumping Station.

The work involves:

(1) 2,390 M. gals. water;
(2) 69,000 c.y. rdwy. excav., unclass.;
(3) 370 c.y. structure excavation;
(4) 2,546,000 sta. yds. overhaul;
(5) 246 stations finishing rdwy.;
(6) 9,350 c.y. selected surfacing material;
(7) 150 tons liquid asphalt SC-2 prime coat;
(8) 420 tons liquid asphalt, ROMC-3 or ROMC-4 (road mix surfacing)
(9) 54,000 sq. yds. mixing, shaping, and compacting roadbed;
(10) 15 c.y. Class A Port. cem. conc. (structures);
(11) 1,000 lbs. reinf. steel (structures)
(12) 696 l.f. 8-in. CMP;
(13) 132 l.f. 24-in. CMP;
(14) 116 l.f. 30-in. CMP;
(15) 54 l.f. 60-in. CMP;
(16) 84 each culvert markers;
(17) 1.2 miles new property fence;
(18) 10 each drive gates;
(19) 64 each monuments complete in place;
(20) 79 each spillway assemblies;
(21) 1.9 miles moving and resetting property fences;
(22) 170 c.y. removing asphalt conc. pavement.

Total bids follow:

(A) Basich Bros., Torrance....$44,772.80
(B) Gogo & Rados, L. A..... 46,124.60
(C) C. W. Caletti & Co., San Rafael 48,388.00
(D) Stewart & Nuss, Inc. and John Jurkovich, Fresno.... 52,898.00
(E) Dimmitt & Taylor, L. A. 55,831.30
(F) J. L. Conner, Monterey . 57 72[illegible]

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .50	$ .75	$ 1.25	$ 1.00	$ 1.60	$ 1.50
(2)	.15	.18	.23	.20	.29	.25
(3)	1.00	.80	.75	1.00	.75	1.00
(4)	.004	.003	.004	.005	.003	.005
(5)	10.00	8.00	4.00	5.00	3.00	5.00
(6)	.40	.40	.30	.50	.70	.50
(7)	7.50	11.00	10.50	10.00	8.50	10.00
(8)	16.00	19.00	13.50	18.00	17.00	20.0
(9)	.065	.06	.05	.04	.05	.05
(10)	30.00	17.00	25.00	20.00	30.00	25.00
(11)	.06	.06	.06	.05	.08	.06
(12)	1.25	.85	1.00	1.00	1.00	1.00
(13)	2.50	3.00	2.75	2.00	3.00	2.50
(14)	3.80	3.50	3.75	3.00	3.80	3.0
(15)	12.00	9.50	14.00	6.00	12.00	15.00
(16)	2.00	3.00	1.75	2.00	2.00	2.00
(17)	400.00	400.00	500.00	300.00	460.00	400.00
(18)	20.00	15.00	15.00	20.00	15.00	20.00
(19)	3.00	3.00	3.00	3.00	3.25	3.00
(20)	5.00	15.50	14.00	10.00	15.00	15.00
(21)	200.00	150.00	150.00	200.00	150.00	100.00
(22)	3.50	3.50	1.00	2.00	2.50	1.50

SAN FRANCISCO—Section B Marina Supply Line—(City)

SAN FRANCISCO.—Percy L. Burr, 320 Market Street, at $27,055.34 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,842 for installing Section B of the Marina District extension to the Auxiliary Water Supply System for Fire Protection.

Bids were taken as follows:

Cast Iron Pipe and Special Castings in Place

(1) 390 l.f. 14-in. Class H double spigot, lugged, laid i the ground;
(2) 490 l.f. 14-in. do, suspended under pier in hangers;
(3) 420 l.f. do, installed on brackets on side of quay wall;
(4) 890 l.f. 10-in. do, laid in ground;
(5) 143 l.f. 8-in. Class H bell and spigot, lugged, laid in ground;
(6) 2 12-in. gate valves, in place;
(7) 1 10-in. do;
(8) 4 8-in. do;
(9) 1 12-in. check valve with by-pass piping, in place;
(10) 4 standard hp. hydrants, painted, in place;
(11) 1 std. fire boat dock manifold, in place.

(NOTE: Items 1 to 11, inclusive, cast iron pipe, gate valves, check valve hydrants, fire boat manifold and special castings, will be furnished by the city.

(12) 19,600 lbs. pig lead furnished and delivered;
(13) 13,326 lbs. standard high pressure system cast steel special castings furnished and delivered;
(14) 1816 lbs. do;
(15) 2575 lbs. special cast steel castings, furnished and delivered;
(16) 2602 lbs. cast iron valve boxes and manhole covers, frames and dust pans, furnished and placed;
(17) 30,000 pounds wrought iron bolts nuts and washers, furnished & placed;
(18) 31,000 lbs. galv. wrought iron do
(19) 31 lbs. reinf. steel, furnished and placed;
(20) 8 c.y. Class B concrete in place;
(21) 846 c.y. excavation and backfill;
(22) 3852 sq. ft. asphalt - conc. pavement (2—6-in.) Class F conc.;
(23) 64 sq. ft. Concrete sidewalk (one course);
(24) 2 c.y. crushed rock, furnished and placed;
(25) 2 sets 16-in. pipe hangers, complete, in place;
(26) 80 sets 14-in. do;
(27) 1 12-in. gate platform, complete in place;
(28) 1 12-in. gate bracket, do;
(29) 1 12-in. check valve bracket, complete, in place;
(30) 70 No. 1 wall brackets for 14-in pipe, complete, in place;
(31) 2 No. 2 wall brackets do;
(32) 9 tons bell and spigot pipe and or double spigot pipe, Class H with lugs, in nominal diameters of 8- to 14-in. inclusive.

(NOTE: Items 12 to 32 inclusive: all materials, including pipe, shall be furnished by the contractor.)

Total bids follow:

(A) Percy L. Burr ..... $[illegible]
(B) M. J. Lynch 30,049.1
(C) Eaton & Smith ..... 30,66[illegible]
(D) Chas. L. Harney 30,808.2
(E) Pacific Pavements Co..... [illegible]
(F) Anderson & Rowe ..... 41,910.[illegible]
(G) E. J. Treacy ..... 50,823.2[illegible]

All bidders of San Francisco.

Unit bids follow:

(Continued on Next Page)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 3.00	$ .60	$ 2.53	$ 2.00	$ 1.62	$ 3.40	[illegible]
(2)	4.00	2.75	11.50	8.60	20.00	13.00	18.00
(3)	1.00	2.75	5.75	6.30	15.00	1.70	[illegible]
(4)	2.50	.50	1.85	2.00	1.37	2.77	[illegible]
(5)	2.00	.45	1.63	1.20	3.09	2.77	
(6)	20.00	15.00	40.00	35.00	40.00	76.00	50
(7)	18.00	20.00	35.00	30.00	25.00	72.00	50 0
(8)	12.00	12.00	17.00	20.00	15.00	25.00	
(9)	20.00	18.00	40.00	10.00	40.00	95.00	50.00
(10)	15.00	50.00	20.00	25.00	25.00	22.00	3 0
(11)	150.00	200.00	150.00	125.00	70.00	193.00	500.00
(12)	.05	.0415	.04	.04	.0425	.06	.045
(13)	.21	.22	.20	.15	.20	.21	[illegible]
(14)	.065	.06	.05	.05	.20	.055	.05
(15)	.21	.22	.20	.45	.20	.21	.20
(16)	.065	.10	.055	.06	.08	.09	.06
(17)	.10	.10	.10	.08	.10	.12	.085
(18)	.11	.12	.12	.13	.12	.17	.10
(19)	.05	.04	.05	.01	.05	.05	.05
(20)	25.00	35.00	20.00	40.00	40.00	25.00	
(21)	2.50	4.00	1.25	2.50	2.50	4.45	[illegible]
(22)	.30	.24	.17	.20	.30	.30	.26
(23)	.30	.15	.20	.20	.15	.20	.15
(24)	3.00	3.00	3.00	3.00	3.00	6.00	3.00
(25)	35.00	50.00	40.00	50.00	45.00	52.00	50.00
(26)	30.00	65.00	34.00	40.00	40.00	60.00	
(27)	110.00	250.00	100.00	120.00	60.00	125.00	150.00
(28)	45.00	100.00	75.00	60.00	50.00	125.00	150.00
(29)	45.00	100.00	75.00	60.00	50.00	125.00	150.00
(30)	23.00	50.00	40.00	40.00	30.00	55.00	50
(31)	25.00	60.00	40.00	40.00	35.00	65.00	50.00
(32)	60.00	100.00	60.00	58.50	59.50	60.00	50.00

SAN JOAQUIN COUNTY—3.8 Miles Grade & Pave—(State)

SAN JOAQUIN CO., Cal.—Heafey-Moore Co. and Jack Casson, 344 High St., Oakland, at $89,977.90 submitted low bid to the State Highway Commission, Sacramento, for 3.8 miles of grading and paving with asphalt concrete in San Joaquin County between French Camp and Stockton.

The work involves:

(1) 1,500 M. gals. water;
(2) 12,300 c.y. rdwy. excav., unclass.
(3) 147 c.y. ditch and channel excav.
(4) 17,500 c.y. imported borrow;
(5) 550 c.y. structure excavation;
(6) 1 c.y. existing concrete removed and disposed of;
(7) 1,100 sq. yds. subgrade for pave.;
(8) 201 stations finish roadway;
(9) 506 c.y. salvaged surfacing;
(10) 5,920 tons of untreated crushed gravel or stone surfacing;
(11) 43,100 sq. yds. preparing, mixing, and shaping shoulders;
(12) 282 tons liquid asphalt SC-2 (road mix surface treatment;
(13) 23 tons liquid asphalt SC-2 (prime coat);
(14) 19 tons asphaltic emulsion (seal coat);
(15) 170 tons sand (seal coat);
(16) 15,260 tons asphalt concrete;
(17) 53,600 sq. yds. asph. paint binder
(18) 24 c.y. Class A Portland cement concrete (structures);
(19) 1,400 lbs. bar reinf. steel (struc.);
(20) 224 l.f. 12-in. CMP;
(21) 446 l.f. 18-in. CMP;
(22) 40 l.f. of existing CMP culverts, cleaned and relaid;
(23) 60 l.f. existing CMP culverts to be cleaned and salvaged;
(24) 7 each culverts headwalls removed and reset;
(25) 12 ea. cast steel frames and covers for drop inlets;
(26) 400 c.y. Class A Portland cement concrete (curbs and gutters);
(27) 0.11 mile moving and re-setting existing fences;
(28) 9 each monuments complete, in place.

Total bids follow:

*(A) Heafey-Moore Co. and Jack Casson, Oakland, $89,977.90.
(B) Hanrahan - Wilcox Corp., San Francisco, $99,728.84.
(C) A. G. Ralsch, San Francisco, $103-283.35.
(D) A. Teichert & Son, Inc., Sacramento, $108,013.55.
(E) Valley Paving & Const. Co., Fresno, $108,188.20.
(F) Chas. L. Harney, San Francisco, $109,244.62.
(G) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, $109,663.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.50	$ .70	$ 1.50	$ 1.50	$ 1.20	$ 1.00	$ 1.25
(2)	.28	.32	.47	.35	.34	.44	.42
(3)	.50	.32	.75	.35	1.00	.95	1.00
(4)	.42	.36	.40	.40	.43	.38	.42
(5)	1.00	.75	.60	1.00	1.00	.95	1.00
(6)	5.00	4.50	10.00	6.00	10.00	15.00	4.00
(7)	.09	.08	.10	.15	.10	.27	.12
(8)	5.00	5.50	3.00	5.00	9.00	5.00	6.00
(9)	.75	.65	.50	1.25	.50	.90	.60
(10)	1.80	1.95	1.70	2.10	2.00	2.00	2.00
(11)	.01	.04	.05	.05	.07	.06	.06
(12)	11.00	11.30	19.00	12.00	11.00	15.75	12.80
(13)	11.00	11.30	19.00	15.00	11.00	15.75	12.00
(14)	22.00	25.00	19.00	30.00	25.00	25.00	18.50
(15)	2.00	2.20	2.50	2.50	2.20	2.75	2.50
(16)	3.40	3.94	4.00	4.14	4.15	4.20	4.[illegible]
(17)	.01	.015	.015	.02	.015	.02	.02
(18)	25.00	19.00	20.00	22.50	25.00	23.00	22.00
(19)	.05	.07	.05	.06	.06	.06	.06
(20)	1.50	1.00	1.10	1.35	1.35	1.33	1.35
(21)	1.90	1.50	1.75	1.80	1.80	1.70	1.[illegible]
(22)	1.25	.50	1.00	1.00	1.50	.60	.60
(23)	.50	.30	.50	.75	1.50	.80	.60
(24)	10.00	9.00	10.00	20.00	20.00	10.00	10.[illegible]
(25)	30.00	31.00	30.00	35.00	40.00	35.00	35.00
(26)	12.00	15.00	10.00	15.00	15.00	14.00	14.00
(27)	100.00	200.00	700.00	800.00	200.00	320.00	250.00
(28)	3.00	2.50	3.00	3.00	3.00	2.50	3.00

*The low bid was referred to the legal department for an opinion as to its regularity.

CONTRACT AWARDED

JACKSON COUNTY, Oregon—A. S. Wallace, Roseburg, at $11,286 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, April 11, for furnishing approximately 3300 cu. yds. of crushed rock in stockpile and furnishing and placing approximately 2700 cu. yds. crushed rock in shoulders on the Siskiyou Summit-State Line Section of Pacific Highway.

Complete bids follow:

A. S. Wallace, Roseburg.....$11,286
R. I. Stuart & Sons, Medford 12,430
M. C. Lininger & Son, Ashland 12,510

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Norris Bros., Burlington, Wash., at $3 599.95 awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete about 1.3 miles of county road, Hillyard North, USPW Project NRS 216-A.

CONTRACT AWARDED

JEFFERSON COUNTY, Wash.—Allen & Govan, Inc., Box 105, Olympia, at $84,192.10 awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing with crushed stone about 4.3 miles of Port Ludlow County Rd., Junction State Road No. 9, near Uncas, to Center, USPW Project NRS 215-A.

BIDS WANTED

SAN FRANCISCO—Until May 1, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,856, for reconstruction of the roadway on Tenth Ave., between Lawton and Noriega Streets. Estimated cost $5375.

The work involves:

(1) 100 lin. ft. redressed and reset granite curb;
(2) 8400 sq. ft. 6-in. Class E concrete pavement;
(3) 1460 sq. ft. remove existing pavement and replace with asphalt conc. pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 160 tons asphaltic concrete binder in place;
(5) 38,940 sp. ft. 2-inch asphaltic concrete wearing surface;
(6) 800 sq. ft. asph. concrete conform pavement.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS OPENED.

SAN FRANCISCO.—Bids for improving Moraga Street between 17th and 18th Aves., and other streets, were opened by the Department of Public Works, City Hall, under Spec. No. 18,795.

Bids were taken as follows:

(1) 680 l.f. 6-in. vitrified clay pipe side sewers;
(2) 479 l.f. armored concrete curb;
(3) 383 l.f. unarmored do.
(4) 813 sq. ft. 6-in. Class E concrete pavement;
(5) 18,318 sq. ft. asphalt concrete pave
(6) 1,000 sq. ft. 2-in. asphalt concrete wearing surface.

The bidders were:

(A) Chas. L. Harney, Call Bldg.
(B) A. G. Ralsch, 1 De Haro St.
(C) E. J. Treacy, Call Bldg.

All of San Francisco.

Complete bids follow:

	(A)	(B)	(C)
(1)	$1.75	$3.00	$[illegible]
(2)	1.50	1.50	1.50
(3)	1.15	1.00	1.15
(4)	.33	.35	.35
(5)	.33	.35	.34
(6)	.30	.15	.30

Bids held under advisement

Section 435½ P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Eureka Water System Low Bids Total $1,196,000

Five State Highway Projects Advertised

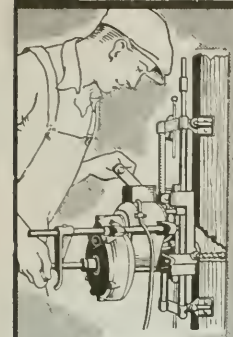
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

PRIL 27, 1935

Vol. XVIII—No. 17

WAPPAT Electric TOOLS



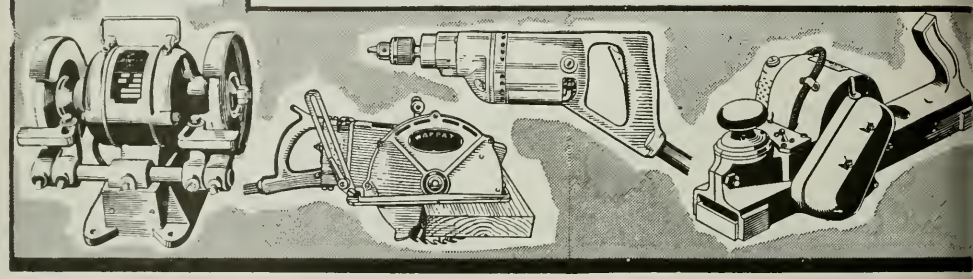
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., APRIL 27, 1935 No. 17

$1,196,000 Combination of Low Bids For Mad River Water Supply System

EUREKA, April 24.—Low bids totaling $1,196,575 for the three sections of the Mad River Water Supply System were submitted to the city council here last night. T. E. Connolly and Hanrahan Company, San Francisco, bidding jointly, submitted the low proposal for the headworks unit at $503,145; and American Concrete & Steel Pipe Corporation, South Gate, was low bidder at $621,360 for the pipeline and $72,070 for the reservoir.

Lower figures than those of the American Concrete & Steel Pipe Corporation for both the pipeline and reservoir units were received but were ruled out owing to bidders' stipulations refusing award of contract for a single unit of the work.

Total bids for the headworks unit were:

T. E. Connolly & Hanrahan Company	$503,145
Teufel & Carlson	526,189
MacDonald & Kahn Co., Ltd.	542,899
Mercer-Fraser Co., Bent Bros. Inc., & L. E. Dixon Co.	[illegible]
American Concrete and Steel Pipe Corp.	597,854

For the pipe line total bids were:

Teufel & Carlson	$608,615
American Concrete and Steel Pipe Corp.	621,360
Mercer-Fraser Co., Bent Bros. Inc., & L. E. Dixon Co.	627,686
T. E. Connolly and Hanrahan Company	646,[illegible]
MacDonald & Kahn Co., Ltd.	655,176

Total bids submitted on the reservoir unit were:

MacDonald & Kahn Co., Ltd.	$ 63,940
Teufel & Carlson	65,340
Mercer-Fraser Co., Bent Bros. Inc., & L. E. Dixon Co.	68,9[illegible]
American Concrete and Steel Pipe Corp.	72,070
T. E. Connolly and Hanrahan Company	73,900

The headworks unit includes construction of a reinforced concrete dam across Mad River about four miles south of Korbel and 24 miles from Eureka, an outlet tunnel 2400 feet long, and an access road about seven miles long.

The dam will be a variable radius arch type, 130 feet high from foundation to crest and 550 feet long at the crest, and will require about 22,000 cubic yards of concrete.

The outlet tunnel will be concrete lined and will have a diameter of nine feet. Excavation will be through rock. An inlet tower above the dam and an outlet portal structure at the other end of the tunnel are included in the contract.

A portion of the access road will be built over an existing logging railroad right-of-way.

The pipe line unit includes laying a 20-mile pipeline between the outlet tunnel portal and the reservoir site in Eureka, construction of two suspension bridges to carry the line over Mad River, a number of small steel and concrete trestles across gulches and a tunnel 775 feet in length near Arcata.

The pipeline will consist of 46,100 ft. of 24-in. continuous stave redwood pipe installed above the ground on supports; 39,600 feet of 24-inch and 19,550 ft. of 21-in. lined and concrete coated steel pipe in trenches; 775 feet of 24-in. pipe in the tunnel; and short lines of 18- and 12-inch pipe to connect existing portions of the distributing and storage system in Eureka.

The terminal reservoir unit includes construction of a 5,000,000-gal. reservoir between Harris, Wood K and L streets in Eureka.

C. C. Kennedy, San Francisco, is consulting engineer for the project.

The work will be financed by proceeds of a bond issue, already sold, amounting to approximately $1,000,000, together with a grant from the PWA of 30 per cent of the cost of labor and materials.

PLACER COUNTY PLEDGES $319,730

Pledges for home modernization and repair amounting to $319,730 were obtained in the cities of Roseville and Lincoln and adjacent territory in Placer county, according to the final report of H. W. Rowe, chairman of the campaign committee.

Canvassers visited 1,661 owners and developed 753 possible jobs. A re-check showed 81 jobs completed and 46 in progress.

$174,600 LOW PROPOSAL FOR CITY SCHOOL

Dinwiddie, Scott Co., Spencer Electric Low Bidders For Contracts

The lowest proposal for construction of the Francis Scott Key school was submitted to the San Francisco Department of Public Works yesterday in a combination of low bids by Dinwiddie Construction Co. for general work, Scott Company for mechanical work and plumbing, and Spencer Electric Company Oakland, for electrical work, totaling $174,600.

Dinwiddie Construction Company's bid for general work was $143,780; Scott Company bid $19,300 for mechanical work and plumbing; and the Spencer Electric Company's proposal for electical work was $11,520.

The only bid submitted on a basis of a combination of all three contracts was that of Jas. L. McLaughlin, at $182,334.

Total bids for general work only were:

Dinwiddie Const. Co.	$143,780
F. C. Amoroso & Sons	146,000
Frank J. Reilly	147,741
O. Monson	149,596
James L. McLaughlin	150,706

The school will be a two-story reinforced concrete building to contain 18 classrooms. It will be located on Kirkham Street between Forty-second and Forty-third Avenues. Plans were prepared by Architects William Mooser, Edward Eames and Douglas Dacre Stone James M. Smith is structural engineer for the project.

BRUNNIER TO GIVE BAY SPAN LECTURE

An illustrated lecture on the San Francisco-Oakland Bay Bridge will be given by H. J. Brunnier, consulting engineer for the Bay Bridge Commission, May 1st at the San Francisco Architectural Club, 130 Kearny St. The lecture is scheduled for 8:00 P. M., and all interested are invited to attend.

Five Highway and Bridge Construction Contracts Advertised By Commission

SACRAMENTO, April 23.—Advertisement of five California highway and bridge construction contracts was authorized today by the State Highway Commission. Bids will be opened May 15 and 16 in Sacramento and Los Angeles.

The projects are located as follows:

Mendocino County: Construction of two timber bridges with concrete decks and about seven-tenths of a mile of grading and surfacing at Red Mountain Creek and McCoy Creek. Among major items included in the bidding schedule are 96,800 cubic yards unclassified roadway excavation; 196,000 sta. yds. overhaul; 324,000 feet of structural grade redwood timber; 768 cubic yards Portland cement concrete, and numerous others. Creek run gravel base and roadmix surfacing will be used for approaches. Bids open in Sacramento May 15.

Siskiyou County: Grading about 12.5 miles between Cougar and Horse Thief Creek. The work includes clearing about 130 acres of right-of-way; 200,000 cubic yards unclassified roadway excavation; 937,000 station yards overhaul; 88,000 cubic yards imported borrow; 1,500 feet of corrugated metal pipe, and other items. Bids open in Sacramento May 15.

Los Angeles County: Construction of a bridge acros Tujunga Wash on San Fernando Road between Truesdale Ave. and Wentworth Street. The bridge will consist of nine 45-foot concrete spans on concrete piers and approximately 197 feet of timber trestle on pile bents. Among the principal items are 3,599 cubic yards of Portland cement concrete; 705,000 pounds bar reinforcing steel; 87,000 feet of creosoted Douglas fir timber; 585 tons asphalt concrete, and others. Bids open in Los Angeles May 16.

Los Angeles County: Widening about 4.7 miles of existing roadbed and paving portions with Portland cement concrete and asphalt concrete. The work is located between Monterey Park and Mountain View Road. Bids open in Los Angeles May 16.

San Diego County: Grading and applying roadmix surfacing to about 3.6 miles between Lake Hodges Dam and Rancho Santa Fe. The work involves 121,600 cu. yds. unclassified roadway excavation; 400,000 station yards overhaul; 370 tons liquid asphalt; 1,698 feet of corrugated metal pipe, and other items. Bids open in Los Angeles May 16.

NEW FIREPOT LINING MATERIAL ON MARKET

A new plastic refractory material for lining firepots of domestic stoves, ranges, furnaces and boilers, to be sold under the name of "Fireline," is announced by the Fireline Stove and Furnace Lining Co., 1833 Kingsbury St., Chicago. The material is guaranteed to withstand temperatures to 3,000 degrees F. without cracking, fusing or spalling, according to the manufacturer.

BIDS MAY 8 ON COLLEGE HILL PIPELINE JOB

Project Public Utilities Commission Advertises PWA

Bids for laying the College Hill Pipeline from the reservoir to Duboce Avenue will be opened Wednesday, May 8, by the San Francisco Public Utilities Commission.

The pipe line will consist of 36-inch steel pipe, 30-inch cast iron pipe, and 20-inch steel pipe. The 20-inch pipe is to be furnished by the contractor; the city will furnish the 30-inch pipe at the Water Department's Ocean View lot; and the 36-inch pipe will be removed by the contractor from the Newark-San Lorenzo pipeline, reconditioned and transported to San Francisco.

The Newark - San Lorenzo pipeline, from which the 36-inch pipe is to be removed and brought to San Francisco for installation in the new line, is located in Alameda County.

The project is a portion of the Water Department's PWA construction program.

Plans and specifications for the work are available at Room 605, San Francisco Water Department Building, 425 Mason Street.

PWA Allocates $600,000 to Lodi Power Project

Allocation of $600,000 in a loan and grant to the city of Lodi for construction of a hydro-electric plant is reported in telegrams received by city officials from the Federal Public Works Administration at Washington.

The city proposes to construct a dam and power plant on a site on the Mokelumne river, about 3 miles below Pardee Dam.

A bond issue to finance the work was defeated at on election last year. With the PWA allocation it is believed the project might be revived and the necessary financing obtained by voting bonds or by issuing revenue bonds.

ALL-AMERICAN CANAL SECTION BIDS RECEIVED

New Orleans Contractor Low On Three Schedules Of Big Excavation Project

LOS ANGELES, April 25.—Low bids for construction of the All-American Canal between stations 1860 and 3090 plus 75 today were submitted to the Bureau of Reclamation at Yuma, Ariz., by Lewis-Chambers Construction Co., New Orelans, La., and Mittry Brothers Construction Co., Los Angeles.

The Lewis - Chambers company was low bidder at 6.49 cents a cubic yard on schedules 1, 2 and 3; and Mittry Brothers submitted a low proposal of 7.5 cents a cubic yard on schedule 4.

The project is located from 18 miles west to 43 miles southwest of Yuma, Arizona, and from 10 miles east to 35 miles northeast of Calexico, California.

Work under Schedule 1 is located between stations 1860 and 2170 and will require approximately 2,707,000 cubic yards of excavation; under Schedule 2 approximately 2,564,000 cubic yards of excavation between stations 2170 and 2455 will be required; about 2,518,000 cubic yards of excavation from station 2455 to station 2740 are included in Schedule 3; and Schedule 4 will require 3,472,000 cubic yards of excavation between stations 2740 and 3090 plus 75.

About 30 miles of the All-American Canal between stations 245 and 1860 is now being constructed under contract by W. E. Callahan Construction Co., Herman Gunther and P. J. Shirley of Dallas, Tex. Their bid for the work was $4,859,587.

Griffith Company of Los Angeles has a contract for construction of 1750 feet of the canal between station 1140 plus 50 and station 1148 plus 50, and between stations 1161 and 1170 plus 50, their proposal for this work being $226,800.

Secretary of the Interior Harold L. Ickes has authorized construction by force account of a 13-mile section of the canal, extending from a point north of Calexico to the westside main. Work is underway at present on a seven-mile section of this portion of the project. Cost of the force account work is estimated at approximately $1,000,000.

The levee section and canal from the Imperial Dam site to station 245 should be ready for advertising shortly, according to the Reclamation Bureau.

ZINC PAINT BOOKLET

A booklet, "Metallic Zinc Powder In Industrial Paint," is a recent publication of the New Jersey Zinc Co., 160 Front street, New York City. Copies may be obtained by writing the manufacturer.
delay.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
368	Cole	Owner	2000
369	Kent	Lindsay	3000
370	Mirsky	Galli	4000
371	Christensen	Owner	3000
372	Christensen	Owner	3000
373	Herzig	Owner	4000
374	Herzig	Owner	4000
375	Standard	Standard	3000
376	Standard	Standard	3000
377	Anderson	Owner	3200
378	Beak	Hink	2000
379	Drewes	Olafsson	1000
380	Carraro	Owner	4000
381	Smith	Keneally	5000
382	Kruse	Coburn	1500
383	Carraro	Owner	3500
384	Costantino	Owner	10000
385	Mohler	Owner	3500
386	Land	Owner	3000
387	Land	Owner	3000
388	National	Arras	2249
389	Henden	Owner	3500
390	Musante	Demartini	4300
391	Anderson	Owner	3500
392	Connolly	Peterson	3000

ALTERATIONS
(368) NO. 2937 WASHINGTON ST. Alter flats.
Owner—Ralph and Bertha Cole, 2445 Franklin St., San Francisco.
Architect—Not Given. $2000

DWELLING
(369) W CAYUGA 185 S San Juan St. One-story and basement frame dwelling.
Owner—Frank Kent, % Contractor.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3000

DWELLING
(370) W 47th AVE. 290 S Geary St.; one - story and basement frame dwelling.
Owner—Fred Mirsky, 2383 Union St.
Plans by F. T. Houweling, 830 Prague.
Contractor—R. F. Galli, 1574 28th Avenue. $4,000

DWELLING
(371) N LAWTON 94 E 18th Ave.; one - story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Avenue.
Architect—Not Given. $3000

DWELLING
(372) N LAWTON 122 E 18th Ave.; one - story and basement frame dwelling.
Owner—Herman Christensen, 1422 27th Avenue.
Architect—Not Given. $3000

DWELLING
(373) E SAN ALISO 165 S Darien Way; 1-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria.
Architect—Donald Jaekle, % owner. $4,000

DWELLING
(374) E SAN ALISO 195 S Darien Way; 1-story and basement frame dwelling.
Owner—A. J. Herzig, 635 Victoria.
Architect—Donald Jaekle, % owner. $4,000

STATION
(375) NW FOLSOM AND FREMONT Sts. One-story Class A service station.
Owner — Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush St., San Francisco. $3000

STATION
(376) NW FOLSOM AND FREMONT Sts. Class A greasing station.
Owner—Standard Stations., Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush St., San Francisco. $3000

DWELLING
(377) W SEVENTEENTH AVE. 125 N Noriega St. One-story and basement frame dwelling.
Owner—N. N. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given. $3200

DWELLING
(378) W VAN NESS AVE. SOUTH 90 N Twenty-fifth St. One-story and basement frame dwelling.
Owner—Mr. Beak, 1474 Van Ness So. San Francisco.
Plans by Contractor.
Contractor—John Hink, 1459 Van Ness South, San Francisco. $2000

ALTERATIONS
(379) NW CHURCH AND 30TH STS. Alter store.
Owner—Fredrich Drewes, 1706 Church St., San Francisco.
Architect—Not Given.
Contractor—Sig. J. Olafsoon, % Owner. $1000

FLATS
(380) W ROSEMONT ST. 41 N 14th St. Two-story frame flats.
Owner—G. Carraro, 750 Felton Street San Francisco.
Architect—Not Given. $4000

STORES
(381) N MARKET ST. 191 E Buchanan St. One-story frame stores.
Owner—Howard B. Smith, 770 Fifth Ave., San Francisco.
Architect—J. J. Foley, 775 Fifth St., San Francisco.
Contractor—Harry J. Keneally, 2175 Green St., S. F. $5000

ALTERATIONS
(382) NO. 3145 TWENTY-THIRD ST. Alter warehouse.
Owner—Kruse Lumber Co., 2048 Market St., San Francisco.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1500

FLATS
(383) NW FOURTEENTH ST AND Rosemont. Two-story frame flats.
Owner—G. Carraro, 750 Felton Street, San Francisco.
Architect—Not Given. $3500

FLATS
(384) S LOMBARD ST. 131 W Broderick St. Two-story frame flats.
Owner — D. Costantino, 1420 Chestnut St., San Francisco.
Plans by C. M. Baker. $10,000

DWELLING
(385) E TWENTIETH AVE. 339 N Cabrillo St. One-story and basement frame dwelling.
Owner—Thomas E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(386) E TWENTY-FOURTH AVE 278 S Vicente St. One-story and basement frame dwelling.
Owner—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

DWELLING
(387) E TWENTY - FOURTH AVE. 303 S Vicente St. One-story and basement frame dwelling.
Owner—Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

RETAINING WALL
(388) W RHODE ISLAND ST. 265 N Twenty-fourth St. Retaining wall.
Owner—National Lead Co., 2210 21th St., San Francisco.
Engineer—Owner.
Contractor—Adam Arras, 4008 18th St., San Francisco. $2249

DWELLING
(389) N NAGLEE ST. 74 E Ellington. One-story and basement frame dwelling.
Owner—Hazel Henden, 4 Naglee St. San Francisco.
Architect—Not Given. $3500

DWELLING
(390) NE OLIVER 83 NW Brunswick St. One-story and basement frame dwelling.
Owner—Mr. and Mrs. Frank Musante, 71 Oliver St., San Francisco.
Architect—Not Given.
Contractor—P. Demartini, 530 Ellsworth St., San Francisco. $4300

DWELLING
(391) E TWENTY-SEVENTH AVE. 100 N Ulloa St. One-story and basement frame dwelling.
Owner—P. Andersen, 4082 Army St., San Francisco.
Plans by B. K. Dobkovitz, 425 Monterey Blvd., S. F. $3500

DWELLING
(392) N VIENNA ST. 100 W Peru. One-story and basement frame dwelling.
Owner—Harry Connolly, % Contractor.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor — Gust L. Peterson, 4386 26th St., S. F. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
227	Lyon	Lyon	3500
228	Lyon	Lyon	3500
229	Hardin	Owner	6000
230	Antwiler	Falk	6000
231	Hufschmidt	Owner	4500
232	Burke	Owner	4500
233	Continental	Austin	58900
234	Touraine	Owner	1000
235	Byron	Rose	1000
236	Davenport	Faringer	1450
237	Bolt	Melrose	1[illegible]
238	Summy	Owner	1365
239	Ray	Wiggins	1200
240	Eastokdyke	Lyons	3000
241	Thomas	Haskell	2245
242	Corso	Independent	1000

ALTERATIONS
(224) NO. 1238-40 TWELFTH ST., OAKLAND. Alter apartments.
Owner—Fred Steinmann, Prem.
Architect—Not Given. $2000

DWELLING
(225) S BALBOA DRIVE, Lot 1870, Forestland Heights, **OAKLAND.** Two-story 4-room dwelling.
Owner—W. J. Splude, 3858 Piedmont Ave., Oakland.
Architect—Not Given. $2000

DWELLING
(226) NO. 3986 OAKMORE ROAD, **OAKLAND.** One-story six-room dwelling.
Owner—Matthew Klein, 4071 Oakmore Road, Oakland.
Architect—Not Given. $5000

DWELLING
(227) NO. 2428 OTIS DRIVE, **ALAMEDA.** Two-story 6-room frame and stucco dwelling.
Owner—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.
Contractor—C. D. Lyon. $3600

DWELLING
(228) NO. 924 PARK AVE., **ALAMEDA.** Two-story six-room frame and stucco dwelling.
Owner—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.
Contractor—C. D. Lyon. $3500

RESIDENCE
(229) NO. 654 BLAIR AVENUE, **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—Marcus Hardin, 1206 Trestle Glen Road, Oakland.
Architect—Not Given. $6000

DWELLING
(230) NO. 3149 WISCONSIN STREET **OAKLAND.** One-story six-room dwelling.
Owner—W. E. Antwiler, 3121 Berlin Way, Oakland.
Architect—Geo. O'Brien, 890 55th St., Oakland.
Contractor — Chas. W. Falk, 1520 E-38th St., Oakland. $6000

DWELLING
(231) NO. 337 VERNON ST., **OAKLAND.** One and one-half-story six- room dwelling.
Owner—Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Not Given. $4500

DWELLING
(232) NO. 3935 BURCKHALTER Ave., **OAKLAND.** One-story six-room dwelling.
Owner—Harry A. Burke, 3943 Burckhalter Ave., Oakland.
Architect—Not Given. $4500

WAREHOUSE
(233) NO. 741 SEMINARY AVENUE, **OAKLAND.** One - story brick warehouse.
Owner—Continental Can Co., 5601 San Leandro St., Oakland.
Architect—Not Given.
Contractor—The Austin Co., 516 18th St., Oakland. $58,900

ALTERATIONS
(234) 559 16th ST., **OAKLAND;** alterations.
Owner and Builder—Hotel Touraine, 16th and Clay Sts., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland. $1000

ALTERATIONS
(235) 711 CARLTON, **BERKELEY;** alterations.
Owner—Byron Jackson Pump Co., 711 Carlton, **Berkeley.**
Architect—Not Given.
Contractor—A. H. Rose, 70 Bu[illegible] Berkeley. $1000

ADDITIONS
(236) 540 ARLINGTON AVE., **BERKELEY;** additions.
Owner—L. Davenport, premises.
Architect—Not Given.
Contractor—Faringer and Spaulding 1511 Union St., Alameda. $1450

ALTERATIONS
(237) 487 MERRITT Avenue, **OAKLAND;** alterations.
Owner—Wm. Bolt, premises.
Architect—Not Given.
Contractor—Melrose Bldrs., 1700 47[illegible] Ave., Oakland. $1000

DWELLING
(238) 3937 39th AVE., **OAKLAND;** one-story 2-room dwelling.
Owner and Builder—Thomas Summy, 3819 Maybelle Ave., Oakland
Architect—Not Given. $1365

ALTERATIONS
(239) NO. 13088 BROADWAY TERrace, **OAKLAND.** Alterations and addition.
Owner—Phillip Ray, Premises.
Architect—Not Given.
Contractor—Wiggins & Swanson, 120 Glenwood Glade, Oakland. $1200

ADDITIONS
(240) NO. 702 HILLDALE ST., **OAKLAND.** Additions.
Owner—Eastokdyke, Premises.
Architect—Not Given.
Contractor—W. E. Lyons Constr. Co., 2009 Pacific Ave., Alameda. $3000

DWELLING
(241) NO. 1925 TIFFIN RD, **OAKLAND.** One-story 4-room dwelling.
Owner—Hahen Thomas, 12006 Broadway Terrace, Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Oakland. $2245

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

82	Hurlbert	Mulford	105
83	Kremesec	Cappelletti	1590
84	Blanco	Murer	7458
85	Connolly	Peterson	3350
86	Smith	Keneally	5380
87	Kent	Lindsay	3500

ALTERATIONS
(82) NO. 480 DOUGLAS ST. All work for painting exterior woodwork and metal work on dwelling.
Owner—Wm. G. and Lillian M. Hurlbert, Premises.
Architect—Not Given.
Contractor—G. V. Mulford.
Filed Apr. 18, '35. Dathed Apr. 5, '35.
HOLC Contract .....
TOTAL COST, $105
Bond, none. Limit, 6 calendar days. Forfeit, plans and specifications, none

MOVING, PAINTING, ETC.
(83) LOCATIONS Omitted; move two houses from Vermont St. to Kansas St., paint exteriors, etc.
Owner—Mrs. Kremesec and D. J. and T. Sullivan, Inc., 823 Kansas St., and 1492 Folsom St.
Architect—Not Given.
Contractor—D. Cappelletti, 667 Hampshire Street.
Filed Feb. 23, '35. Dated April 19, '35
Houses set on foundations and plumbing connected $700
Work completed 890
TOTAL COST $1[illegible]
Limit, 35 working days.

DWELLING
(84) N BROADWAY 25 E Hyde St. All work for two-story, basement and sub-basement dwelling.
Owner—L. Bianco, 3460 Scott Street, San Francisco.
Architect—Not Given.
Contractor—L. Murer, 1724 Quesada St., San Francisco.
Filed Apr. 22, '35. Dated Apr. 19, '35.
First floor up $1398.00
Roof on 1398.50
Brown coat plaster on..... 1398.50
When completed 1398.50
Usual 35 days..... 1864.50
TOTAL COST, $7458.00
Bond, $3729. Sureties, Domenic Trevison and Adrian Ramazotti. Limit, August 19, 193. Forfeit, none. Plans and specifications filed.

DWELLING
(85) NW VIENNA ST. 100 SW Peru. Excavating, concrete work, brick work, carpenter work, etc., for one-story and basement frame dwelling.
Owner—Harry P. and Ethel Connolly.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco.
Contractor—Gust. L. Peterson, 79 Mt. Vernon Ave., San Francisco.
Filed Apr. 20, '35. Dated Apr. 17, '35.
Frame completed and roof on....$ 750
Plastering completed 750
Usual 35 days..... 1850
TOTAL COOST, $3305
Bond, $1675. Sureties, Albin Warden and A. W. Middleton. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

STORES
(86) N MARKET ST. 195 E Buchanan Street. All work for frame and plaster stores.
Owner—Howard B. Smith.
Architect—John J. Foley, 770 Fifth Ave., San Francisco.
Contractor—Harry J. Keneally, 2175 Green St., San Francisco.
Filed Apr. 23, '35. Dated Apr. 22, '35.
Frame up $1345
Brown plaster on..... 1345
When completed 1345
Usual 35 days..... 1345
TOTAL COST, $5380
Bond, $2690. Sureties, F. W. Murray and Edward A. Keneally. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(87) W CAYUGA 185 S San Juan 25 x112. All work for alterations to building.
Owner—Frank B. and Kathryn Kent, % Contractor.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Ave., San Francisco.
Filed Apr. 23, '35. Dated Apr. 8, '35.
Tar and gravel roof on.....$875
Brown plaster on 875
When completed 875
Usual 35 days..... 875
TOTAL COST, $3500
Bond, none. Limit, 90 working days. Plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
21	Union	Early	4641

ALTERATIONS
(21) FORTIETH AND BROADWAY Oakland. All work for demolishing existing service station and re building (with exceptions).
Owner—Union Oil Co., 516 18th St., Oakland.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Filed April 24 ,'35. Dated April 20, '35.
5 days after completion..... 75%
Usual 35 days 25%
TOTAL COST. $4641
Bond, $4641. Surety, Columbia Casualty Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

3— CHURCHES

Plans Being Completed.
CHURCH Cost, $30,000
NORTH SACRAMENTO, Sacramento Co., Calif.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

4— FACTORIES & WAREHOUSES

To Be Done By Day's Work.
SHED Cost, $3000
FRESNO, Fresno Co., Cal. No. 501 G Street.
One-story frame shed
Owner—California Packing Corp., G and Tulare Sts., Fresno.
Plans by Engineering Dept. of Owner.

Construction Under Way.
BUILDINGS Cost, Approx. $500[illegible]
HONOLULU, T. H.
Additional building facilities to packing plant (warehouse, office bldg., cannery unit, boiler shop, equipment, etc.)
Owner—California Packing Corp., 101 California St., San Francisco.
Engineer—Phillip Bush, 101 California St., San Francisco.
Contractor—Pacific Engr. Co., Honolulu, T. H.

Contract Awarded.
WAREHOUSE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 741 Seminary Avenue.
One-story brick warehouse.
Owner — Continental Can Co., 5601 San Leandro St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., 516 18th St., Oakland.

Contract Awarded.
WAREHOUSE Cost, $50,000
OAKLAND, Alameda Co., Cal. No. 741 Seminary Avenue.
One-story brick warehouse.
Owner — Continental Can Co., 5601 San Leandro St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., 516 18th St., Oakland.
Sub-bids will be taken in about one week.

CONTRACTS AWARDED
SAN DIEGO, Calif.—B. O. Larsen, 1340 E St., San Diego, awarded contract for erection of a manufacturing plant at 3302 Atlantic St., San Diego, for the Consolidated Aircraft Corp. 2050 Elmwood Ave., Buffalo, N. Y. Consolidated Steel Corp., Los Angeles, has the contract for furnishing and erecting structural steel and the Troupe Engr. Co., Buffalo, will furnish the sash and glass. L. B. Norman, 1034 B St., Santa Monica, will supervise construction for the owner. The building will be a 1-story structure, 300x900 feet in area; steel frame corrugated iron and stucco exterior, corrugated iron or Transite roof, etc. Cost, $300,000. Work will start about May 15.

Contract Awarded.
ADDITION Cost, $26,900
AMPERE, San Joaquin Co., Calif.
Wine storage cellar and bonded warehouse addition to winery (reinf. concrete floors and walls, insulated asbestos roofing, etc.)
Owner—Bear Creek Vineyard Assn.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Low Bidder—Nelson & Wallace, Second and Coley, Escalon.
Complete bids follow:

Nelson & Wallace, Escalon	$26,900
H. H. Henning, Stockton	27,868
W. J. Scott, Stockton	27,998
Carl Nelson, Stockton	28,561
J. Webster, Stockton	29,289
S. Eyre, Tracy	31,103
George Roek, Stockton	31,147
John Hachman, Stockton	32,500

To Be Done By Day's Work.
ALTERATIONS Cost, $5,000
FRESNO, Fresno Co., Calif. 1625 Tulare Street.
Alterations to packing plant.
Owner—California Packing Corp., G and Tulare Sts., Fresno.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, 3145 23rd Street.
Alterations to warehouse.
Owner—Kruse Lumber Co., 2048 Market Street.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, Sixteenth and Shotwell Streets.
Alterations to bakery (new equipment, etc.)
Owner—Kilpatricks Bakery.
Plans by Equipment Engineering Co., 3017 San Fernando Road, Los Angeles.
Contractor — Equipment Engineering Co., 3017 San Fernando Road, Los Angeles.

Work Started.
MILK PLANT Cost, $[illegible]
ORLAND, Glenn Co., Calif.
Milk dehydrating plant (2-story structure) 62x102 ft.; steel stairways.
Owner — Golden State Creamery Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Const.—E. W. Perkins, 425 Battery St., San Francisco.

Sub-Contracts Awarded.
WAREHOUSE Cont. Price, $22,782
SACRAMENTO, Sacramento Co., Cal. Sixth and Q Streets.
One - story brick and concrete warehouse (160x160 ft.) concrete floors, composition roofing, etc.
Owner—Dallman Supply Co., Eighth and P Sts., Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Stevenson, 1116 O St., Sacramento.
Plumbing, Heating and Sheet Metal—By Owner.
Steel Sash—Soule Steel Co., 17[illegible] Ave. St., San Francisco.
Structural Steel—Palm Iron Works, 15th and S Sts., Sacramento.
Glass—T. E. Cain, 2416 J St., Sacramento.
Lumber—Capital Lumber 37th and R Sts., Sacramento.
Hardware—Shorrock & Smith Hardware Co., 818 J St., Sacramento.
Mill Work—Moore & Garlick, 17[illegible] St., Sacramento.

5— FLATS

Sub-Bids Being Taken.
FLATS Cost, $10,000 each
SAN FRANCISCO, S North Point St. W Webster Street.
Two two-story and basement frame and stucco flats.
Owner—L. Handlesman.
Architect—S. A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco.

Work Started.
ALTERATIONS Cost, $3500
SAN FRANCISCO, No. 2937 Washington Street.
Alterations to two-story frame residence for flats (1 5-room and one 6-room flat) work involves plumbing, painting, composition roofing, heating, brick work, ornamental iron, electric wiring, sheet metal.
Owner—Ralph and Bertha Cole (ORdway 6377).
Architect—Not Given.
Mgr. of Constr. — Cyril Doane, 1336 Guerrero St., San Francisco.
Carpentry—Felix Welch, Premises.
Painting—Harold Zelinsky, % Owner.
Sub-bids are wanted on plumbing, electrical work, roofing and sheet metal.

To Be Done By Day's Work.
FLATS Cost, $5000 each
SAN FRANCISCO, W Rosemont N Fourteenth Street.
Two two-story frame and stucco flats
Owner and Builder—G. Carraro, 750 Felton St., San Fancisco.
Architect—Not Given.

To Be Done By Day's Work.
FLATS Cost [illegible]
SAN FRANCISCO, S Lombard 431 W Broderick Street.
Two - story and basement frame and stucco flats.
Owner—D. Costantino, 1420 Chestnut St.
Plans by C. M. Baker, 155 Montgomery Street.

Owner Taking Bids.
FLATS Cost [illegible]
SAN FRANCISCO, S Lombard 431 W Broderick Street.
Two - story and basement frame and stucco flats.
Owner & Builder—D. Costantino, 1420 Chestnut Street.
Plans by C. M. Baker, 155 Montgomery Street.

Plans Completed.
FLATS Cost, $1000 each
SAN FRANCISCO, W Rosemont N Fourteenth Street.
Two two-story and basement frame and stucco flats (2 4-room and 2 5-room flats), tile and composition roofing, gas hot air heating sys-

tem. hardwood floors, wood sash, tile baths, etc.
Owner and Builder — G. Carraro, 750 Felton St. San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Sub-bids will be taken within one week.

6—GARAGES & SERVICE STATIONS

Plans Being Figured.
SERVICE STATION Cost, $7000
SAN FRANCISCO. NE Fell St. and Masonic Avenue.
Class A steel service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Being Done By Day's Work.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. No. 315 Derby Street.
Alterations to service station.
Owner—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Supt. of Constr.—E. M. Davidson, % Owner.

Planned.
SERVICE STATION Cost, $——
LIVINGSTON, Merced Co., Cal. Third Street.
New service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $3,286
SACRAMENTO, Sacramento Co., Cal. 31st and P Streets.
Steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Michel and Pfeffer Iron Works, Inc., Harrison and Tenth Sts., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $5,500
FIREBOUGH, Fresno Co., Cal. NW 12th and O Streets.
New service station.
Owner—Gilmore Oil Co. of California, Third and 18th Sts., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $4,641
OAKLAND, Alameda Co., Calif. 40th and Broadway.
Alterations and additions to service station.
Owner—Union Oil Co., 516 18th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early Jr., [illegible] Pine St., San Francisco.

Contract Awarded.
SERVICE STATION Cost [illegible]
BERKELEY, Alameda Co., Cal. [illegible] Hollywood Blvd.
One-story steel service station.
Owner—Mr. Corso, 6005 E-14th Street, Berkeley.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland.

Plans Completed.
SERVICE STATION Cost [illegible]
SAN FRANCISCO. NW Folsom and Fremont Streets.
One-story service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded.
SERVICE STATION Cost, $4000
SAN FRANCISCO. SE Thirty-ninth Ave. and Balboa St.
One-story brick and concrete service station.
Owner — Wm. Klute, 495 Haight St., San Francisco.
Architect—R. C. Schuppert, 4639 Park Blvd., Oakland.
Lessee—Rio Grande Oil Co.
Contractor—Theo. Cohn, Russ Bldg., San Francisco.
Plumbing—J. Gibbs, 1706 Geary St., San Francisco.
Wiring—Aetna Electric Co., 1435 Geary St., San Francisco.
Steel—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.
Brick Work—Harry Drake, 666 Mission St., San Francisco.
Equipment—Chanslor Lyons, 740 Polk St., San Francisco.

7— FEDERAL BUILDINGS

BIDS OPENED
SAN FRANCISCO — Scott Co., 243 Minna St., at $913 submitted low bid to the Custodian, San Francisco Post Office for heating pipes in the main Post Office workroom. Complete bids follow:

Scott Company	$ 913
O'Mara & Stewart	1075
M. J. Reeves Heating Co.	1253
Herman Lawson	1335

Bids held under advisement.

BIDS OPENED
SAN FRANCISCO — Roy Lind, 54 Stanton St., at $870 submitted low bid to Constructing Quartermaster, Fort Mason, for alterations and additions to lodge building at the San Francisco National Cemetery, Presidio. Complete bids follow:

Roy Lind	$ 870
R. S. Silverberg	919
W. C. Akard	994
M. E. Vukicevich	997
Wm. Martin	1025
Leo Epp	1097

Bids held under advisement.

BIDS WANTED
LOS ANGELES, Cal.—Until May 21, 2:30 P. M., bids will be be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for furnishing and installing complete, metal cubicle partitions in buildings Nos. 162 and 164 at the Veterans' Administration Facility, Los Angeles.
Plans and specifications may be obtained from above office and from Supervising Superintendent of Construction, Veterans Administration Faciltiy, Palo Alto. No deposit required.

COMPLETE BIDS.
HOLLYWOOD, Calif. — King Machine & Mfg. Co., 1171 E 32nd St., Los Angeles, at $3,993 submitted low bid to Treasury Department for furnishing and installing freight elevator in the Hollywood post office.
Complete bids follow:

King Machine & Mfg. Co., Los Angeles	$2,993
Otis Elevator Co., Washington, D. C.	3,391
Kimball Bros. Co., Council Bluffs Iowa	3,500
Wm. A. Miller Machine & Elevator Co., St. Louis	3,650
Pacific Coast Elevator Co., L. A.	4,052

Bids held under advisement.

Complete Bid Listing.
POST OFFICE Cost, $214,500
HOLLYWOOD, Los Angeles Co., Cal. NW Wilcox and Selma Avenues.
Two - story and basement post office (196x115 feet) reinforced concrete walls, concrete exterior, waste mould work, columns and beams, wood roof joists, wood and steel sash, cast and wrought iron work, metal clad doors, freight elevator, marble wainscot, terrazzo floors in lobby, wood strip floors in the work rooms, two vaults, special lighting fixtures, steam heat, water heater, skylights, metal stairs.
Owner—United States Government.
Architect—Claud Beelman, 1019 Union Bank Bldg., and Allison & Allison, 1014 Edison Bldg., Los Angeles.
Low Bidder—K. E. Parker Co., 135 South Park St., San Francisco.
Complete bids follow:
(1) deduct; (2) add; (3) add; (4) add

K. E. Parker Co., S. F.		$150,735
	(1)	600
	(2)	4,300
	(3)	100
	(4)	200
Robt. E. McKee, L. A.		$151,400
	(1)	700
	(2)	4,000
	(3)	100
	(4)	300
Sarver & Zoss, Inc., L. A.		$153,900
	(1)	600
	(2)	4,300
	(3)	380
	(4)	560
Bannister-Field Co. and Fred B. Gott, Los Angeles		$161,900
	(1)	500
	(2)	5
	(3)	200
	(4)	200
MacDonald Const. Co., Saint Louis, Mo.		$164,317
	(1)	700
	(2)	4,100
	(3)	200
	(4)	500
Theo. A. Beyer Corp., L. A.		$167,838
	(1)	400
	(2)	400
	(3)	300
	(4)	500
Jacobsen Const. Co., Salt Lake City, Utah		$172,000
	(1)	500
	(2)	3,000
	(3)	350
	(4)	200
Schuler & McDonald, Oakland		$17[illegible]
	(1)	1,500
	(2)	2[illegible]
	(3)	735
	(4)	631

Bids held under advisement.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $50,980
SAN MATEO, San Mateo Co., Calif. SW Ellsworth and Second Aves.
One - story concrete post office building (80x90 ft.; stucco exterior; tile roof, ornamental iron bars, two vaults, 64-ft. loading platform in rear, etc.)
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington D. C.
Contractor—W. S. Wetenhall, 17th & Wisconsin Sts., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Other awards will be made shortly.

CONTRACT AWARDED
LOS ANGELES, Cal. — L. D. Richardson & Co., Inc., Beverly Hills, at $25,240 awarded contract by Veterans Administration for the construction of alterations to Building No. 114 for Regional Office at the Veterans' Administration Facility, Los Angeles. Work involves reinforced concrete, hollow tile, brick work, marble, linoleum, iron work, metal lathing, plastering, sound deadening, carpentry, painting, glazing, hardware, plumbing, heating, etc.

8— CLUB BUILDING

Contract Awarded.
CLUBHOUSE Cost, $35,000
SAN FRANCISCO. E Buchanan St. 100 S Geary Street.
Two-story and basement frame and stucco clubhouse (tile and composition roofing, steam heating system, wood and linoleum floors, gymnasium to have hardwood floors, etc.) provision made to add swimming pool at later date.
Owner—Japanese Y. M. C. A.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Site will be cleared immediately and sub-bids will be taken within one week.

Planned.
LODGE Cost, $15,000
PITTSBURG, Contra Costa Co., Cal. Cumberland St. between 9th and 10th.
Owner — Pittsburg Lodge of E[illegible] (Judge E. P. Jackson, President)
Architect—Not Selected.
Further details will be announced shortly.

9— HOSPITALS

Preliminary Plans Completed.
ADDITION Total Cost, $130,000
OROVILLE, Butte Co., Cal.
Additions and alterations to county hospital (capacity of 190 beds).
Owner—County of Butte.
Architect—George Sellon, California State Life Bldg., Sacramento.
Preliminary plans being approved by the Board of Supervisors.
Approximately $66,000 will be expended this year.

Commissioned To Prepare Plans.
NURSES HOME Cost, $15,000
DALLES, Oregon (East Oregon Tuberculosis Hospital).
Nurses home.
Owner—State of Oregon.
Architect — Herzog, Inc., Guaranty Bldg., Portland, and J. E. Wicks, Astoria.

Commissioned To Prepare Plans.
ADDITION Cost, $100,000
SALEM, Oregon.
Addition to State Hospital.
Owner—State of Oregon.
Architect—Jones & Marsh & Knightton & Howell, U. S. Bank Bldg., Portland, Oregon.

Commissioned To Prepare Plans.
DORMITORY Cost, $50,000
SALEM, Oregon.
Blind School dormitory.
Owner—State of Oregon.
Architect—Legge & Legge & Struble, Salem, Oregon.

Commissioned To Prepare Plans.
HOSPITAL Cost, $56,000
SALEM, Oregon.
Addition to tuberculosis hospital (add one-story for nurses' quarters).
Owner—State of Oregon.
Architect—L. L. Dougan & Walwork, Studio Bldg., Portland.

Bids Wanted—To Close May 21, 2 P. M.
ATTENDANT QUARTERS $150,000
CAMARILLO, Ventura Co., Cal. Camarillo State Hospital.
Four one and two-story reinforced concrete attendant quarters buildings (tile roof, steam heating system to connect to main plant, etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Bids are being taken as follows:
(1) General work.
(2) Plumbing.
(3) Heating.
(4) Electrical.
Plans and specifications may be obtained from above office upon deposit of $25.

Sub-Contracts Awarded.
HOSPITAL Cont. Price, $83,871
MADERA, Madera Co., Calif.
One - story and basement reinforced concrete hospital building (sixty-two rooms, nursery, lockers, etc.) concrete walls and floors, tile roof, tile partitions, etc.
Owner—County of Madera.
Architect—Ernest J. Kump, 533 Rowell-Chandler Bldg., Fresno.
Structural Engineer—F. W. Kellberg, 544 Market St., San Francisco.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.
Reinforcing Steel and Mesh—W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco.
Placing Steel—Pioneer Const. Co., 63 Staples St., San Francisco.
Roofing and Membrane—Central Roofing Co., Modesto.
Masonry—Harry Drake, 666 Mission St., San Francisco.
Granite—Kingsland Granite Co., Madera.
Miscellaneous Iron & Bronze—Kyle & Co., 346 G St., Fresno.
Steel Sash—Michel & Pfeffer Iron Works, Harrison and 10th Streets, San Francisco.
Glass & Glazing—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plastering—M. E. Summers, 2417 Belmont St., Fresno.
Sheet Metal—Standard Steel Metal Works, 702 R St., Fresno.
Finish Tile—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Painting—W. G. Thompson, 336 Church St., San Francisco.
Finish Hardware—Valley Lumber Co., P. O. Box 1341, Fresno.
Rubber Tile and Linoleum—Royal Floor Co., 600 7th St., San Francisco.
Roller Screens—Michel & Pfeffer Iron Works, Harrison and 10th Streets, San Francisco.
Mill Work—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Plumbing, Heating and Ventilating—Andrew Polia, 4144 Geary Street, San Francisco.
Electric Wiring and Fixtures—American Fixture Co., San Francisco.
Excavation—R. W. Brown, Madera.

10— HOTELS

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
OAKLAND, Alameda Co., Calif. 559 16th Street.
Alterations to hotel.
Owner—Hotel Touraine, 16th and Clay Sreets, Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.

PREPARING PLANS
DEATH VALLEY, Inyo Co., Cal.—Architect A. C. Martin, 233 Higgins Bldg., Los Angeles, is preparing working drawings for various improvements at Furance Creek Inn and an automobile court in Death Valley for the Death Valley Hotel Co. The work will include alterations and a large addition of concrete and masonry construction to the main hotel, increasing the capacity of the structure [illegible] per cent. New quarters for employees will also be built. The plans will be completed in two or three weeks when the major part of the work will be put under way. Construction of a garage and alterations to the [illegible]en and dining room units will [illegible]ed next week. All work will [illegible] by the owner's construction forces under the supervision of the architect. Cost, $100,000.

12— POWER PLANTS

BIDS WANTED
LOS ANGELES, Cal. [illegible] 2 P. M., bids will be received by [illegible] U. S. Indian Irrigation Service, Rm 524, 751 S. Figueroa St., Los [illegible] for furnishing and erecting structural steel frame work for a building to house Diesel generating station at San Carlos Project, near [illegible] Ariz., under Bid No. 0165. The specifications call for approximately 200[illegible] lbs. of structural steel, including columns, struts, trusses, purlins, girts and posts, rods, etc. Specifications may be obtained from the above office.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Completed.
ADDITION Cost, $——
Total Cost, $120,000
OROVILLE, Butte Co., Cal.
Alterations and additions to courthouse (add wing approx. 30 feet wide) fireproofing interior, etc.
Owner—County of Butte.
Architect—George Sellon, California State Life Bldg., Sacramento.
Preliminary plans being approved by the Board of Supervisors. The work contemplated for this year is estimated at $45,000. Labor will be furnished by the SERA.

Working Drawings To Be Started Shortly.
ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to city hall (construct new wing and remodel present building).
Owner—City of Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Additional Sub-Contracts Awarded.
COURT HOUSE Total Cost, $1,568,873
OAKLAND, Alameda Co., Cal. Fallon Twelfth, Oak and 13th Streets.
Twelve-story fireproof court house (structural steel frame, reinforced concrete, walls, permanent and earthquake - resistive, plumbing, heating, ventilating, electric work elevators (to house all county offices and courts) three lower floors to be 176x245 ft. and upper floors 116x116 feet.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland (GLencourt 2902).
Consulting, Mechanical and Electrical Engineer—G. M. Simonson, 20 Loreta Ave., Piedmont.
Contractor—George Wagner, 181 So. Park, and K. E. Parker, 135 South Park, San Francisco, $948,574.
Steel Sash — Detroit Steel Products Co., 111 Sutter St., San Francisco.
Reinforcing Steel — Soule Steel Co., 1750 Amy St., San Francisco.
Mechanical Work — Alta Electric & Mechanical Co., 467 O'Farrell St., San Francisco.
Other awards previously reported.

Contracts Awarded.
LIBRARY Cost, $9000
OAKLAND, Alameda Co., Cal. Glen View Branch.
One-story frame and stucco branch library (tile roof).
Owner — City of Oakland (Library Trustees).

Architect—Newsom & Newsom, Russ Bldg., San Francisco.
Cement—Henry Cowel Lime & Cement Co., 2 Market St., San Francisco.
Structural Steel—Ferro Steel Co., 3rd and Washington Sts., Oakland.
Electric Supplies — Wholesale Electric Supply Co., 824 Webster St., Oakland.
Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.
Lumber—Oakland Lumber Co., 6901 E-14th St., Oakland.
Plumbing Supplies—Crane Co., 346 9th St., Oakland.
Roofing bids will be taken shortly.

14— RESIDENCES

Low Bidder.
RESIDENCE Cost, $3,803
OAKLAND, Alameda Co., Cal. Chabot Drive, Montclair Highlands.
Owner — Syndicate Merriewood Company, Ltd.
Architect—Earl MacDonald, 194 John Street, Oakland.
Low Bidder—T. D. Courtright, 349 5th Street, Oakland.

Completing Plans.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Cal. Mt. View and Grand Avenues.
Two-story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfield.
Architect—S. Helman, 605 Market St., San Francisco.
Bids will be asked in about one week.

Contract Awarded.
RESIDENCE Cost, $8,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (6 rooms, 2 baths) English style, shake roof, gas hot air heating system, hardwood floors, steel sash tile baths, etc.
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland Street, Oakland.
Contractor—Lyle Bourquin, 128 Iris St. Redwood City.

Contract Awarded.
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif.
Two - story and basement frame and brick residence (English style) 10 rooms and 2 baths; roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—John J. Moore, 354 Hobart St., Oakland.

Construction Under Way.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Cal. 337 Vernon Street.
1½-story frame and stucco residence (six rooms).
Owner and Builder—Hufschmidt and Whalen, 337 17th St., Oakland
Architect—Chester Treichel, 696 Cleveland St., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost $4,000 each
SAN FRANCISCO. N Lawton E 18th Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—Herman Christensen, 1422 27th Avenue.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN FRANCISCO. Eighteenth Ave. and Vicente Street.
One-story and basement frame and stucco residence (5 rooms); tile and composition roofing, gas hot air heating system, hardwood floors tile baths, etc.
Owner & Builder—J. McCarthy, Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

PLANNED
NORTHERN CALIFORNIA. — Electric Appliances, Inc., C. W. Hartenfels, president, 401 Sutter St., San Francisco, will negotiate with building contractors in all principal Northern California cities for erecting display homes. Plans for prize-winning designs in the General Electric national architectural competition will be provided contractors. Financing must be provided by contractor. Special discounts on General Electric equipment used in the houses will be allowed and General Electric will participate in advertising and publicity program.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO. Vienna and Peru Streets.
One - story and basement frame and stucco residence (five rooms) flat tar and gravel roof, gas heating system, hardwood floors, etc.
Owner—H. B. Connolly.
Architect—D. E. Jaekle, 126 Post St.
Contractor—G. L. Peterson, 79 Mount Vernon Avenue.

Plans Being Prepared.
RESIDENCES Cost, $——
SAN MATEO, San Mateo Co., Cal. Aragon Tract.
Three two-story frame residences (6 room and 2 baths each).
Owner — G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Willis Polk Co. (Angus McSweeney, Architect), 604 Mission St., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner—Withheld.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Planned.
RESIDENCE Cost, $3000
SANTA CRUZ, Santa Cruz Co., Cal. No. 15 Easterby Street.
One-story frame and stucco residence (6 rooms) shingle roof, cement floor, brick trim, etc.
Owner—Wendell Van Houten, Santa Cruz.
Architect—Not Given.

Contract To Be Awarded.
RESIDENCE Cont. Price, $2773
SAN JOSE, Santa Clara Co., Calif. 14th and Washington Streets.
One-story frame and stucco residence (5 rooms) tile roof, gas floor furnaces, wood sash, hardwood floors, etc.
Owner—Charles Cruthers Realty Co.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.
Financing arrangements now being completed.
Complete bids published April 16.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. Eighteenth and Florida Streets.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—C. Saxsenmeier, 2605 Bryant St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—G. H. Johnson, 942 Capp St., San Francisco.

Plans Being Revised.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1400 Franklin St., Oakland.

Plans Completed.
RESIDENCES Cost, $——
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Three one-story frame and stucco residences (shingle roof, gas hot air heating system, hardwood floors tile baths, etc.)
Owner—Merriewood Estates, Inc.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Cal.
Two-story frame residence (shake roof, oak plank floors, tile baths, gas hot air heating system).
Owner—E. R. Taylor.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 662 Brunswick Street.
Alterations to residence.
Owner—Antone Garguilo, Premises.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 3986 Oakmore Road.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Matthew Klein, 4071 Oakmore Road, Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Cal. No. 654 Blair Avenue.
Two-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Marcus Hardin, 1206 Trestle Glen Road, Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 924 Park Avenue.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No 2428 Otis Drive.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given.

Being Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. Twenty-sixth St.
One-story and basement frame and stucco residence (5 rooms).

Owner & Builder—Peter Balzer, 3951 26th St., San Francsco.
Architect—Norman Coulter, 46 Kearny St., San Francisco.
Work is being done by day's labor under the supervision of the owner.

Plans Being Completed.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms), shingle roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—E. S. Taylor.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Bids will be asked within one week.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 193 San Antonio St.
One-story and basement frame and stucco residence (5 rooms).
Owner—C. E. Baumgartner, 2068 Allston Way, Berkeley.
Architect—Hardman & Russ, 2068 Allston Way, Berkeley.
Contractor—H. J. Henderson, 20 Avis Road, Berkeley.
Lumber—Piedmont Lumber Co., 351 40th St., Oakland.
Plastering—F. Pichotto, 1511 W. 33rd St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 3935 Burckhalter Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Harry A. Burke, 3943 Burckhalter Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No 337 Vernon Street.
One and one-half-story frame and stucco residence (6 rooms).
Owner and Builder—Hufschmidt and Whalen, 337 17th St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Cayuga 185 S San Juan St.
One-story and basement frame and stucco residence.
Owner—Frank Kent, % Contractor.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco.

Completing Plans.
RESIDENCE Cost, $9500
BAYWOOD, San Mateo Co., Cal.
One and one-half-story frame and stucco residence (8 rooms and 3 baths); shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked about April 25.

Bids in—Held Under Advisement.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 47th Ave. 290 S Geary Street.
One - story and basement frame and stucco residence.
Owner—Fred Mirsky, 2383 Union St.
Plans by F. T. Houweling, 830 Prague Street.
Contractor—R. F. Galli, 1574 28th Ave.

Contract Awarded.
RESIDENCE Cost, $6000
WATSONVILE, Santa Cruz Co., Cal.
One-story frame and stucco residence (7 rooms) Spanish style; gas hot air heating system, tile bath, t roof, hardwood floors, etc.
Owner—Thomas Crowley, Watsonville
Plans by Owner.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

Contract Awarded.
RESIDENCE Cost, $3000
MONTEREY, Monterey Co., Cal. Lot 8 of Arroyo Seco.
One-story frame and stucco residence
Owner—Ana Zabala, Monterey.
Architect—Not Given.
Contractor—Thomas Hambey, Soledad

Contract Awarded.
RESIDENCE Cost, $4500
WATSONVILLE, Santa Cruz Co. Cal
One-story frame and stucco residence (6 rooms) tile bath, oak floors, linoleum, shades, etc.
Owner—M. D. Maxfield, Watsonville.
Plans by Owner.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Calif.
Two-story frame and stucco residence (6 rooms and 2 baths) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths.
Owner and Builder—A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Construction To Start Immediately.
RESIDENCE Cost, $——
MILLBRAE, San Mateo Co., Calif.
Two-story frame residence (6 rooms and 2 baths) Colonial type; sh roof, gas hot air heating system, wood sash, hardwood floors, til baths, etc.
Owner—C. L. Bartholomew.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—W. C. Akard, 225 Cervantes Blvd., San Francisco.

To Be Done By Day's Work.
RESIDENCE
PALO ALTO, Santa Clara Co. C
1211 Hamilton Avenue.
Two - story and basement frame and stucco residence.
Owner and Builder—Ira Brotzman, 5 Garfield Ave., San Jose.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $21,500
PIEDMONT, Alameda Co., Cad. No. 117 Requa Road.
Two-story and basement frame and stucco residence (21 rooms).
Owner—Mrs. M. Grodin, 1085 Annerly Road, Piedmont.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — J. B. Peterson & Son, 4021 Agua Vista Ave., Oakland.
Roofing—General Contractor.
Plumbing—Car T. Doell, 467 21st St., Oakland.
Sheet Metal — Aladdin Heating Co., 5107 Broadway, Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Mantel—Martin Back, 2100 Woodbine St., Oakland.
Iron Grille Work — Eandi Artistic Metal Works, 1339 62nd Street, Oakland.
Lumber—Eureka Mill & Lumber Co., 3615 E-14th St., Oakland.
Finish Material — Oakland Planing Mill, 2nd and Washington Streets, Oakland.
Brick and Stone Work—Martin Back, 2100 Woodbine St., Oakland.

Plans Being Prepared.
RESIDENCES Cost, $5000 each
BERKELEY, Alameda Co., Cal. Spruce Street.
Two one-story and basement frame and stucco residences.
Owner—N. B. Douglass, 28 Domingo St., Berkeley.
Architect—Leonard Ford, 2022 Berkelay Way, Berkeley.
Bids will be asked in about one week.

Plans Being Prepared.
RESIDENCE Cost, $5000
LAFAYETTE, Contra Costa Co., Cal.
Two-story frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.
Bids will be asked in about 1 week.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 27th Avenue 100 N Ulloa Street.
One - story and basement frame and stucco residence.
Owner and Builder—P. Andersen, 4082 Army Street.
Plans by B. K. Dobkowitz, 425 M terey Blvd.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Naglee 74 E. Ellington.
One - story and basement frame and stucco residence.
Owner—Hazel Henden, 4 Naglee Ave.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost $7,0
SAN FRANCISCO. Oliver and Brunswick Streets.
One - story and basement frame and stucco residence.
Owner—Frank Musante, 71 Oliver St.
Architect—Not Given.
Contractor—P. DeMartini, 530 E worth Street.

April 25, 1935

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Twenty-fourth Ave. S Vicente Street.
Two-story and basement frame and stucco residence.
Owner and Builder—Land Development Co., 364 Bush St., S. F.
Architect—Not Given.

Preparing Working Drawings.
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Dr. D. J. Frazier, 532 16th St. Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 1 week.

CONTRACT AWARDED
TUOLUMNE COUNTY, Cal.—S. G. Giles, 121 Knoles Way, Stockton, at $20,800 awarded contract by the Public Utilities Commission, Rm. 287, City

Hall, for the construction of four 1-story and basement wood frame cottages with concrete foundations. Exteriors will be of cement plaster with stucco finish; interior finish of hard-wall plaster. Buildings will be approximately 30x48 ft. each. Work includes furnishing and installing all water supply piping and all hydrant piping, fittings, valves, pressure reducing valve, concrete box and cover and connecting to present water supply pipe at Station WO plus 00.

Contract Awarded.
RESIDENCE Cost, $[illegible]
SACRAMENTO, Sacramento Co., Cal. 3640 Lincoln Avenue.
Two-story frame and stucco residence
Owner—H. W. Peterson, 910 15th St., Sacramento.
Architect—Not Given.
Contractor—C. C. Ruby, 4800 T St Sacramento.

Contract Awarded.
RESIDENCE Cost, $7,458
SAN FRANCISCO. N Broadway East Hyde Street.
Two - story and basement frame and stucco residence.
Owner—L. Bianco, 3460 Scott Street.
Architect—Not Given.
Contractor—L. Murer, 1724 Quesada Street.

Contract Awarded.
ADDITION Cost, $3,000
OAKLAND, Alameda Co., Calif. 702 Hilldale Street.
Additions to residence.
Owner—J. Easterkdyke, premises.
Architect—Not Given.
Contractor—W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda.

Contract Awarded.
RESIDENCE Cost, $3,000
BERKELEY, Alameda Co., Cal. 1925 Tiffin Road.
One-story frame residence (4 rooms).
Owner—Hahen Thomas, 12006 Broadway Terrace, Oakland.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—A. A. Haskell, 255 Ridgeway Ave., Berkeley.

Preparing Sketches.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Bowling Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. C. Cheek.
Architect — Roland I. Stringham, 525 Market St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Twenty-eighth Ave. 339 N Cabrillo Street.
One-story and basement frame and stucco residence.
Owner and Builder—Thos. E. Mohler, 751 28th Ave., San Francisco.
Architect—Not Given.

15— SCHOOLS

Planned.
GYMNASIUM Cost, $——
SANTA CRUZ, Santa Cruz Co., Calif. Branciforte Junior High School
New gymnasium at junior high school
Owner—Santa Cruz School District.
Architect—Not Selected.
Application will be filed with the SERA to furnish labor. Further details will be announced at a later date.

Planned.
GYMNASIUM Cost, $——
SANTA CRUZ, Santa Cruz Co., Calif. Mission Junior High School.
New gymnasium at junior high school.
Owner—Santa Cruz School District.
Architect—Not Selected.
Application will be filed with the SERA to furnish labor. Further details will be announced at a later date.

Bids Opened.
SCHOOL Cost, $162,000
SAN FRANCISCO. Kirkham Street between 42nd and 43rd Aves.
Two-story reinforced concrete school building (18 classrooms); tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Wm. Mooser, Monadnock Bldg.; Edward Eames, 353 Sacramento St. and Douglas D. Stone 110 Sutter St.
Structural Engineer—James M. Smith, 251 Kearny St., San Francisco.
Total bids follow:

General Electric and Mechanical (Combined Bid)
(1) Add for marble in toilets.
(A) James L. McLaughlin, 251 Kearny St., only bidder).....$182,334
(1) 490

General Work
(1) Add for marble in toilets.
(A) Dinwiddie Constr. Co., Crocker Bldg.....$143,780
(1) 1,041
(B) F. C. Amoroso & Sons....$146,000
(1) 120
(C) Frank J. Reilly..... 147,751
(1) 500
(D) O. Monson 149,596
(1) 85
(E) James L. McLaughlin.... 150,706
(1) 490

Mechanical Work and Plumbing
Scott Co., 243 Minna St.....$19,300
Anderson & Rowe 19,953
M. Desiano 21,117
M. J. Reeves..... 21,328
Fred W. Snook 22,252

Electrical Work
Spencer Electric Co., 233 Monadnock Building $11,520
H. C. Reid 11,699
B. J. Doherty 12,057
Globe Electric Works..... 12,190
Abbett Electric Works..... 12,933
Dowd Seid Co. 12,943

Complete bids follow:

(1)	excavating and backfilling to a depth of four feet, add;				
(1a)	do, deduct;				
(2)	do to a depth of 8 ft., add;				
(2a)	do, deduct;				
(3)	do to a depth of 12 ft., add;				
(3a)	do, deduct;				
(4)	do, to a depth of 16 ft., add;				
(4a)	do, deduct;				
(5)	one to six mix concrete, add;				
(5a)	do, deduct;				
(6)	one to eight mix concrete, add;				
(6a)	do, deduct;				
(7)	one to twelve mix concrete, add				
(7a)	do, deduct;				
(8)	linoleum, per sq. yd. laid, add;				
(8a)	do, deduct;				
(9)	cement topping, per sq. yd. laid, add;				
(9a)	do, deduct;				
(10)	concrete yard base and asphalt paving, per sq. yd., laid, add;				
(10a)	do, deduct;				
(11)	reinforcing steel, per lb., add;				
(11a)	do, deduct.				

General, Electric and Mechanical (Combined bid)
James L. McLaughlin, (1) $1.50; (1-a) $.25; (2) $1.75; (2a) $.25; (3) $3.00; (3a) $.30; (4) $4.00; (4a) $.35; (5) $19; (5a) $8.00; (6) $17; (6a) $6; (7) $17; (7a) $6; (8) $2.50; (8a) $1.25; (9) $.75; (9a) $.15; (10) $1.50; (10a) $.60; (11) $.05; (11a) $.025.

General Work Only

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.25	$ 1.50	$ 2.00	$ 2.00	$ 1.50
(1a)	.30	.18	.50	.50	.25
(2)	1.75	2.00	3.00	3.50	1.75
(2a)	.30	.25	1.00	.75	.25
(3)	2.25	4.00	4.00	6.00	3.00
(3a)	.30	.30	1.25	1.00	.30
(4)	3.00	7.50	6.00	10.00	4.00
(4a)	.30	.40	1.50	1.25	.35
(5)	20.00	24.00	22.00	22.00	19.00
(5a)	10.00	7.00	12.00	8.00	8.00
(6)	10.00	22.00	18.00	21.00	17.00
(6a)	5.00	6.00	8.00	7.00	6.00
(7)	9.50	17.00	16.00	20.00	17.00
(7a)	5.00	5.50	6.00	6.00	6.00
(8)	2.50	2.40	2.00	3.00	2.50
(8a)	1.50	1.30	1.50	1.00	1.25
(9)	.50	.90	.80	.90	.75
(9a)	.30	.30	.45	.95	[illegible]
(10)	1.00	.18	1.50	2.00	1.50
(10a)	.50	.08	.75	.50	.60
(11)	.05	.06	.07	.06	.05
(11a)	.025	.03	.03	.025	.025

Bids held under advisement.

Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $32,683
SANGER, Fresno Co., Cal.
One-story reinforced concrete gymnasium.
Owner— Sanger Union High School District.
Architect — W. D. Coates, 626 Rowell Bldg., Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Plastering—Joseph Masi, 515 Oleander St., Fresno.
Structural Steel — Golden Gate Iron Works, 1541 Howard Street, San Francisco.
Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.
Mill Work — Hollenbeck-Bush Planing Mill, P. O. Box 605 Fresno.
Materials—Prescott Brick & Lumber Co., Sanger.
As previously reported, plumbing awarded to B. A. Newman, 320 North H St., Fresno, $2966; heating to Barrett Hicks Co. ,1027 Broadway, Fresno, $1836; electric to Electric Constr. Co., P. O. Box 638, Fresno.

LOW BIDDER
HUNTINGTON PARK, Los Angeles Co., Cal.—Reid & Alexander Olive St., Walnut Park, submitted the low bid to Los Angeles board of education at $104,400 for reconstruction, rehabilitation and strengthening of the boys' gymnasium and swimming pool and the girls' gymnasium at the Huntington Park high school, 6020 Miles Ave., Huntington Park. George M. Lindsey, 6305 Yucca St., architect.

BIDS WANTED
LOS ANGELES, Cal.—Until 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 San Pedro St., for construction of seven standard classroom bungalows at the Avalon Blvd. School. Plans and specifications may be obtained at 1425 San Pedro St., upon deposit of $25. A. S. Nibecker Jr., architect.

Preparing Preliminary Plans.
SCHOOL Cost, $181,102
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.

April 19, 1935
Commissioned To Prepare Plans.
REHABILITATE SCHOOL $3000
BERKELEY, Alameda Co., Cal. No. 1140 Oxford Street.
Rehabilitate Oxford School.
Owner—Berkeley School District.
Architect—Gwynn Officer, 2328 Warring St., Berkeley.

Commissioned To Prepare Plans.
SCHOOL WORK Cost, $2800
BERKELEY, Alameda Co., Cal. No. 1200 University Avenue.
New exit at the Burbank School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.

Contract Awarded.
SCHOOL Cont. Price, $32,494
PORTOLA, Plumas Co., Calif.
One-story frame and stucco grammar school (6 classrooms and recreation room).
Owner—Portola Grammar School Dist.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Complete bids published March 29.

Contract Awarded.
SCIENCE BLDG. Cont. Price, $43,457
WASCO, Kern Co., Cal. High School Grounds.
One-story reinforced concrete science bldg. (to contain classrooms, laboratories, assembly hall, reinforced concrete walls, wood frame partitions and roof framing, tile roof, maple and linoleum covered floors tile toilet room floors, heating plant, etc.
Owner — Wasco Union High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

BIDS WANTED
LOS ANGELES, Cal.—Until May 2, 4:00 P. M., bids will be received by the Long Beach Board of Education for the construction of Units A, C and E (gymnasium, shop and cafeteria buildings) at the Alexander Hamilton Junior High School. Bids will be taken on two bases: I, entire project to be handled under a general contract, but with alternate bids on (a) plumbing; (b) heating and ventilating; (c) electrical work, and (d) general; and II, segregated bids on (a) plumbing; (b) heating and ventilating, and (c) electrical work. Schilling & Schilling, 145 Linden Ave., Long Beach, architects.

CONTRACT AWARDED
LOS ANGELES, Cal. Calif.—Pozzo Const. Co., 421 Macy St., awarded a contract by Los Angeles board of education at $133,994, for the erection of a new two-story, 30-room, Class A reinforced concrete men's physical education building at Los Angeles Jr. College, 856 N. Vermont Ave. Allison & Allison, 1014 Edison Bldg., architects.

CONTRACT AWARDED
CONCORD, Contra Costa Co. —A. A. McMann, Martinez, at $1.65 per ton for top sand and $1.80 per ton for crushed rock and gravel was awarded contract by Mt. Diablo Union High School District for furnishing and delivering concrete aggregates only for the construction of two-story reinforced concrete high school in Concord. Approximately 645 tons of top sand and 680 tons of crushed rock is involved.
Plans prepared by Architect W. H. Weeks, 525 Market St., San Francisco.

BIDS WANTED
LOS ANGELES, Cal.—Until May 10, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of building No. 2 at the Hammel Street School, located on the west side of Marianna Avenue, between Hammel St. and Dozier Ave. Lyle Nelson Barcume, 5369 Wilshire Blvd., Architect, and C. G. DeSwarte, Structural Engineer. Cost, $36,533.

BIDS WANTED
LOS ANGELES, Cal.—Until May 2, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 San Pedro St., for construction of seven standard classroom bungalows at the Avalon Blvd. School. Plan and specifications may be obtained at 1425 San Pedro St. upon deposit of $25. A. S. Nibecker Jr., Architect.

LOW BIDDER
LOS ANGELES, Cal.—Stanton-Reed Co., Architects' Bldg., submitted low bid to Los Angeles Board of Education at $81,941, for reconstruction, rehabilitation and strengthening and the construction of one-story Class C brick and gunite additions to the north and south units at the Palms School, 3520 Motor Ave., West Los-Angeles. The additions will be 36x183 feet and 24x142 feet in area. Earl T. Heitschmidt, 417 S. Hill St., Los Angeles, architect and Paul E. Jeffers, 816 W. 5th St., Los Angeles, structural engineer.

BIDS OPENED
SCHOOLS
DALY CITY, San Mateo Co., Cal.
Three 1-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson and Crocker units.
Owner—Jefferson School District, W. J. Sweeney, Clerk).
Architect—Albert F. Roller, Crocker First National Bank Building, San Francisco.
Low Bidder—Meyer Construction Co., 735 Portola Drive, San Francisco.
Complete bids follow:
(1)add for blackboards;
(2) add for fire alarm system;
(3) add for tile flooring;
(4) add for metal partitions in toilets;
(5) add for electric clock system;
(6) add for heat indicator;
(7) Total bid including all alternate proposals.

Meyer Constr. Co., S. F.		$82,065
	(1)	$2,320.00
	(2)	551.00
	(3)	1,701.00
	(4)	566.50
	(5)	457.00
	(6)	380.00
	(7)	$88,040.50
Frank J. Reilly, San Francisco		$82,321
	(1)	2,550
	(2)	660
	(3)	2,050
	(4)	650
	(5)	435
	(6)	375
	(7)	$89,041
Robert McCarthy, S. F.		$84,938
	(1)	2,320
	(2)	600
	(3)	3,090
	(4)	1,000
	(5)	387
	(6)	460
	(7)	92,705
Harry J. Oser, San Francisco		$87,170
	(1)	2,225
	(2)	620
	(3)	1,775
	(4)	430
	(5)	495
	(6)	480
	(7)	$93,225
Leo Epp, San Francisco		$87,600
	(1)	2,500
	(2)	380
	(3)	1,980
	(4)	700
	(5)	870
	(6)	470
	(7)	94,400
Trewhitt-Shields Co., Fresno		$88,600
	(1)	2,412
	(2)	611
	(3)	2,190
	(4)	454
	(5)	407
	(6)	433
	(7)	$95,107
J. Harold Johnson, S. F.		$88,979
	(1)	2,420
	(2)	630
	(3)	1,719
	(4)	482
	(5)	405
	(6)	489
	(7)	$96,124

Bids held under advisement.

Contract Awarded.
SCHOOL Cost, $20,433
DRAIN, Douglas Co., Oregon.
One - story brick veneer Union High School building (three classrooms, library and auditorium).
Owner—Union High School District No. 12.
Architect—G. B. Smith, Eugene, Ore.
Contractor—Edward Walder, Eugene.

BOND ELECTION
ARBUCKLE, Colusa Co., Cal.—Pierce Joint Union High School Dist. will vote May 20 on a proposal to issue bonds in the amount of $125,000, proceeds to finance construction of a new high school building in Arbuckle.
Preliminary plans have been prepared by Architect W. E. Coffman, Forum Bldg., Sacramento.

CROCKETT GYMNASIUM RECONSTRUCTION

ALTER GYM. & SHOP Cost, $——
CROCKETT, Contra Costa Co., Calif. High School Campus.
Structural and miscellaneous changes to gymnasium and shops at the High School.
Owner—Crockett School District.
Engineers Henry D. Dewell and Austin Earl, 55 New Montgomery St., San Francisco.
Low Bidder—Oliver S. Almlie, 60 Suasex Street, San Francisco.
Total bids follow:
(a) Oliver S. Almlie, S. F.....$68,975.00
(b) B. A. Howkins, S. F..... 73,405.00
(c) John M. Bartlett & Walter Sorensen, Oakland..... 73,988.80
(d) Dinwiddie Con. Co., S.F... 76,080.00
(e) Carl N. Swenson, San Jose 83,658.00
(f) Fred J. Early, Jr.,S.F..... 90,621.00
(g) Monson Bros., S. F..... 92,647.00
Complet bids follow:
(1) 240 lin. ft. 16 in. diameter caissons;
(1-a) Total bid for item 1;
(2) 780 lin. ft. 18 in. diameter caissons.
(2-a) Total bid for item 2.
(3) 860 lin. ft. 20 in. diameter caissons;
(3-a) Total bid for item 3.
(4) Work complete excepting items. 1, 2, and 3.

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1).....	$ 7.65	$ 8.50	$ 7.66	$ 11.00	$ 11.50	$ 13.26	$ 12.70
(1-a).....	1,836.00	2,040.00	1,838.40	2,640.00	2,760.00	3,182.40	3,048.00
(2).....	7.36	8.75	7.87	12.00	12.20	13.77	13.30
(2-a).....	5,740.80	6,825.00	6,133.60	9,360.00	9,516.00	10,740.60	10,374.00
(3).....	8.37	9.00	7.98	13.00	12.80	14.30	13.75
(3-a).....	7,198.20	7,740.00	6,862.80	11,180.00	11,008.00	12,298.00	11,825.00
(4).....	54,200.00	56,800.00	59,149.00	53,000.00	60,374.00	64,400.00	67,300.00

CONTRACT AWARDED

PASADENA, Calif.—Whittaker and Snook, 124 Arrellaga St., Santa Barbara, awarded contract by Pasadena board of education at $180,950, subject to approval by the PWA, for strengthening and altering the Washington junior high school. Frederick Kennedy, Jr., 1041 E Green St., Pasadena, architect.

Planned.
GYMNASIUM Cost, $62,000
High school gymnasium.
Owner—Hollister High School District (James P. Davis, Principal of High School).
Architect—Not Selected.
Application will be filed with the PWA for funds to finance property.

Plans Completed.
ADDITION Cost [illegible]
SACRAMENTO COUNTY, Calif.
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Plans will be forwarded to the State Division of Architecture for approval within a few days.

Plans Awaiting Approval.
ADDITIONS Cost, $——
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Add two classrooms and lunch room to Atlantic Street School (th construction).
Owner—Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked shortly.

CONTRACT AWARDED

LOS ANGELES, Cal.—Stanton Reed Co., Architects' Bldg., awarded contract by Los Angeles board of education at $80,866, for reconstruction, rehabilitation and strengthening and construction of a one-story Class C brick and gunite additions to the north and south units at the Palms school, 3520 Motor Ave., West Los Angeles. Earl T. Heitschmidt, 417 S. Hill St., Los Angeles, architect, and Paul E. Jeffers, 816 W 5th St., Los Angeles, structural engineer.

16— BANKS, STORES AND OFFICES

Planned.
ALTERATIONS Cost, $——
SAN RAFAEL, Marin Co., Cal. Fourth and D Streets.
Alterations to Star Theatre building (new fronts, etc.)
Owner—Jacob Albert, San Rafael.
Architect—Not Given.

Plans Being Prepared.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 1430 Franklin Street.
Alterations and additions to store.
Owner—East Bay Title Insurance Co.
Architect — Edward T. Foulkes, 357 12th St., Oakland.
Bids will be asked in about 30 days.

BIDS OPENED

SACRAMENTO, Cal. — McLaughlin Sheet Metal Works, 1914 I St., at $613 submitted low bid to City Council for furnishing and installing hot air heating system in the new Municipal airport administration building, Sacramento. Complete bids follow:
McLaughlin Sheet Metal W'ks. $613.00
F. C. Ahl 662.70
Walter Dunthy Sheet Mtl. Wks 730.80
All of Sacramento.

Bids held under advisement until April 25.

Contract Awarded.
ALTERATIONS Cost, $1500
BERKELEY, Alameda Co., Calif. 711 Carlton Street.
Alterations to building.
Owner—Byron Jackson Co., 711 Carlton St., Berkeley.
Architect—Not Given.
Contractor—A. H. Rose, 70 Buckeye St., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $——
SAN RAFAEL, Marin Co., Calif. 589 Fourth Street.
Alterations to store (new fronts, alter interior, etc.)
Owner—Cheda Estate, San Rafael
Architect—Harold Genss, % Safeway Stores, 4th and Jackson Streets, Oakland.
Contractor—Jos. Linggi, San Rafael.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $4000
SAN FRANCISCO, 215-221-229 Golden Gate Avenue.
Alterations to offices.
Owner—Warner Bros., Inc., Premises.
Architect — Albert Schroepfer, 244 Kearny St., San Francisco.
Announcement will be made within a few days.

Planned.
STORE Cost, $25,000
VACAVILLE, Solano Co., Calif.
New grocery store.
Owner—Solano County Grocery Company (Escano & Campos, Prop.
Architect—Not Given.

Plans Being Figured.
STORE Cost, $10,000
VACAVILLE, Solano Co., Calif.
One-story concrete store bldg. (metal windows, composition roofing etc.)
Owner—Withheld.
Architect—Albert Roller, Crocker First National Bank Bldg., San Francisco.

Contract Awarded.
ALTER ELEVATORS Cost, $——
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Swift Street.
Modernize four freight elevators in plant (work involves changing type of control, addition of new hatchway gates, locking devices, etc.)
Owner—W. P. Fuller & Co., 301 Mission St., San Francisco.
Architect—Not Given.
Contractor — Otis Elevator Co., 1 Beach St., San Francisco.

Contract Awarded.
STORES Cont. Price, $5380
SAN FRANCISCO. Market St. near Buchanan Steet.
One-story frame and stucco store building (3 stores) 50x68 feet, tar and gravel roof, gas heating system, composition on floors, etc.
Owner—Howard B. Smith.
Architect—J. J. Foley, 770 Fifth Ave., San Francisco.
Contractor—Harry J. Keaneally, 2175 Green St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $——
LOS GATOS, Santa Clara Co., Calif. University Ave. and W Main St.
Alterations to offices (enlarge room, etc.)
Owner—Walter Fields Estate.
Architect—Not Given.
Contractor—R. H. Sund, 107 Foster Road, Los Gatos.

Contract Awarded.
ALTERATIONS Cost, $3,000
SACRAMENTO, Sacramento Co., Cal. 7819½ K Street.
Alterations to building.
Owner—John Ochsner Corp., 627 22nd St., Sacramento.
Architect—Not Given.
Contractor—J. M. Yoho, 4452 5th Ave., Sacramento.

Contract Awarded.
MARKET
HOLLISTER, San Benito Co., Calif. SE Third and San Ben
Modern drive-in market.
Owner—P. W. Felice and Santo Caputo, Hollister.
Architect—Not Given.
Contractor—J. J. Cardozo, [illegible]

17— THEATRES

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 562 Haight Street.
Alterations to theatre.
Owner — Parkway Theatre, Inc., % Golden Gate Theatre Co., 25 Taylor Street.
Architect—Mark Jorgensen, 525 Market Street.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Rd., Piedmont.

PLANNED

SAN FERNANDO, Los Angeles Co. Cal.—John T. Rennie, 214 N Maclay Ave., San Fernando, is contemplating the installation of a complete heating, air conditioning and cooling system in the Rennie Theatre, San Fernando.

18—WHARVES & DOCKS

Contract Awarded.
EXTEND DOCK Cont. Price, $169,770
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission).
Architect—Not Given.
Contractor—A. W. Kitchen & Co., 110 Market St., San Francisco.

SEEK FUNDS

SAN JOSE, Santa Clara Co., Cal. —City of San Jose has filed an application with the PWA requesting a loan and grant approximating $2,000,000 to finance development of the Port of San Jose. Proposed work involves dredging, new roads, terminals, wharves, warehouses, etc.
If request is granted a bond election will be called by the City of San Jose.

Contract Awarded.
DOCK Cost, $——
SOUTH VALLEJO, Solano Co., Cal.
Creosoted timber dock (160x40 feet).
Owner—Basalt Rock Co., Napa.
Plans by Engineering Dept. of Duncanson Harrelson Co.
Contractor—Duncan Harrelson Co., de Young Bldg., San Francisco.

BIDS REJECTED

BENICIA, Solano Co., Calif.—War Department rejected all bids for constructing repaire to the Benicia Arsenal Wharf. The work included replacing six fender piles and one mooring pile; installing 13 new hardwood chafing strips, removing all untreated timber in the sub-structure of the wharf and replacing same. On bid opening lowest bid was submitted by Duncanson Harrelson Co., de Young Bldg., San Francisco, at $1526.
It is rumored that approximately $50,000 will be appropriated for the

construction of a new wharf. Further details will be announced shortly.

Commissioned To Prepare Plans.
YACHT HARBOR Cost, $80,000
VALLEJO, Solano Co., Calif.
Owner—City of Vallejo.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Further details will be announced shortly.

CONTRACT AWARDED
SACRAMENTO, Cal.—C. F. Smith, 3937 J St., Sacramento, at $651 awarded contract by State Department of Public Works, for fume hood in the meat inspection department. State Bldg., Sacramento.
Complete bids published April 17.

19—MISC. CONSTRUCTION

FUNDS ALLOCATED
NOME, Alaska—Federal Public Wks. Administration has allotted a loan and grant of $100,000 to the City of Nome for construction of rehabilitation and improvement projects comprising a drainage system, fire protection system, sidewalks, municipal building, and street surfacing. Estimated cost of labor and material is $94,100, of which 30% is a grant.

BIDS OPENED
MARE ISLAND, Cal. — Barrett & Hilp, 918 Harrison St., San Francisco, at $24,996 submitted low bid to public Works Officer, Mare Island Navy Yard, for resetting boiler No. 10 (1000 hp. edge moor boiler now installed in Building No. 121) in the Central Power Plant, Mare Island Navy Yard.
Complete bids follow:
Barrett & Hilp, S. F.....$24,996
C. C. Moore Co., S. F..... 25,982
General Engr. & Drydock Co., San Francisco 39,471
Bids held under advisement.

Contract Awarded.
RETAINING WALL Cost, $2249
SAN FRANCISCO. W Rhode Island 265 N Twenty-fourth St.
Concrete retaining wall.
Owner—National Lead Co., 2240 24th St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Adam Arras, 4008 18th St., San Francisco.

Plans Being Completed.
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—James Narbett, 474 31st St. Richmond, and Geo. P. Simmonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Plans will be completed about May 15.

Additional Sub-Contracts Awarded.
BAR AND COCKTAIL ROOM Cost, $20,000
SAN FRANCISCO. Sutter and Powell Streets.
Bar and cocktail room in Arcade of hotel (painting, decorating, bar work, etc.)
Owner—Sir Francis Drake Hotel.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 295 Bush St., San Francisco.
Linoleum—Royal Floor Co., Seventh and Brannan Streets.
Tile—American Art Tile Co., 231 Franklin Street.

Marble—J. E. Back Marble Co., Inc., 1588 San Bruno Ave.
Miscellaneous Iron — Industrial Ornamental Iron Co., 552 Noe St.
As previously reported, electric awarded to Chas. Langlais, 472 Tehama St.; mill work to Anderson Bros. Planing Mill, Quint and Custer Sts.; bar work to Weber Showcase Co., 910 Howard St.

CONTRACT AWARDED
SAN FRANCISCO.—San Francisco Oven Co., 1652 21st Ave., at $4 740 awarded contract by Department of Public Works for construction of b ovens at the San Francisco Hospital, 23rd St. and Potrero Ave.

CONTRACT AWARDED
ORINDA, Alameda Co., Cal.—Superior Tile & Products Co., 3743 Broadway, Oakland, at $1464 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. L.S. 141, for tile flooring for the Orinda Filter Plant.

PLANS BEING FIGURED.
BURBANK, Los Angeles Co., Warner Brothers-First National Studios, Burbank, are taking bids for a stage, a property storage building and a film vault to be built at the company's Bubank studio. Bids are to be opened April 25. The stage will be a steel frame structure, the property storage building wood frame, and the film vault reinforced concrete. Composition roofing is specified for each building. Bids will be taken at an early date for other stages to be built on the site. Plans were prepared by the owner's architectural department.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
OAKLAND, Alameda Co., Calif.—Bids were opened by the Oakland City Council, April 18, for furnishing saturated paper insulated cable for the Electrical Department, as follows:
(1) 3735 ft. cable;
(2) 1000 ft. cable;
(3) 4450 ft. cable;
(4) 6300 ft. cable.
Complete bids follow:
Identical bids at: (1) $919.34; (2) $167; (3) $605.20; (4) $495.81 submitted by the following: Electrical Corporation; Westinghouse Elec. Supply Co.; Graybar Electric Co., and the General Cable Corp. of Los Angeles.
John A. Roeblings' Sons Co.: (1) $933.75; (2) $185; (3) $578.50; (4) $504.
Gilson Electric Supply Co.: (1) $963.25; (2) $194.70; (3) $632.34; (4)
Maydwell & Hartzell, Inc.: (1) $933.75; (2) $185; (3) $578.50; (4) $504. $530.46.
Bids held under advisement.

HAWTHORNE, Nev. — Sistersville Tank & Boiler Works, Sistersville, W. Va., at $248 submitted low bid to the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., April 19 and Schedule 4639, for furnishing one watertight steel tank, 188-in. long 84-in. wide, 46-in. and 52-in. deep in opposite ends, for the Naval Ammunition Depot, Hawthorne.
Complete bids follow:
Sistersville Tank & Boiler Works, Sistersville, W. Va., $243; 1% 10 days.
Eastern Steel Tank Corp., Brooklyn, N. Y., $245; 1% 10 days.
California Steel Products Co., San Francisco, $347; 2% 10 days; 1% 20 days.
Western Pipe & Steel Co. of California, San Francisco, $375; net.
Pippett & Wood, Phillipsburg, N. J $386; net.
Boiler Tank & Pipe Co., Oakland, $395; net.
Brown Sheet Iron & Steel Co., St Paul, Minn., $399; 2% 10 days; 1% 2 days.
Pittsburgh - Des Moines Steel Co., Pittsburgh, Pa., $468; ¼% 10 days.
Graver Tank & Mfg. Corp., East Chicago, Ill., $489; ½ of 1% 10 days.
Leader Iron Works, Decatur, Ill., $490; net.
Kittoe Boiler & Tank Co., Canton, Ohio, $495; 1% 10 days; ½% 20 days.
Southwest Welding & Mfg. Co., Alhambra, Calif., $500; net.
Receivers of Conery & Co., Inc., Philadelphia, $512; 2% 10 days, 20 days.
Berkeley Steel Co., Berkeley, Calif., $575; net.
Downing Iron Works, Downing, Pa $600; net.
Acme Engr. Co., Baltimore Md $604.96; 1% 10 days; ½ of 1% 20 days.
International Boiler Works Co., Stroudsburg, Pa., $725; 1% 10 days.
Bids held under advisement.

BIDS OPENED.
SAN FRANCISCO. — Bids for furnishing 50,000 l.f. ¾-inch standard wrought steel galvanized water pipe were opened by T. A. Brooks, Purchaser of Supplies, City Hall, April 19, under Bid No. 1256.
Complete bids follow:
$6.05 per 100 ft., total $3,025, 2% 10 days on mill value: General Machinery & Supply Co.; C. J. Hendry Co.; Dalziel Moller Co.; Baker, Hamilton & Pacific Co.; Northern California Hardware & Steel Co.
$6.05 per 100 ft., total $3,025, 2% 25 days on mill value: United Pipe & Supply Company.
$6.07 per 100 ft., total $3,035, 2% 10 days on mill value: Gilmore Steel & Supply Co., Grinnell Co. of the Pacific; Tay-Holbrook, Inc.; Olsen and Heffernan; Pacific Plumbing & Heating Co.; Steam & Plumbing Service Company.
$6.07 per 100 ft., total $3,035, 2% on mill value as follows, invoice dated 1st to 15th paid by 25th, dated 15th to 31st paid by 10th: Woodin & Little, Inc.; Walworth California Co.; P. E. O'Hair & Co.; Petroleum Equipment Co.; Federal Pipe & Supply Co.; Dunham, Carrigan and Hayden Co.; Crane Co.; Pacific Pipe Co.; A. J. Giesener Co.; Marshall-Newell Supply Co.; Richmond Sanitary Co.; and Standard Supply Co.
The bid of Sloss & Brittain was not considered as the check was insufficient.
Bids held under advisement.

BIDS OPENED
SAN CARLOS, Arizona — Bids for furnishing 1200 ft. 6-in., 12-gauge, dipped and wrapped welded steel pipe in 20-ft. lengths, 600 ft. of 8-in. same and 16 items of miscellaneous pipe fittings, for the San Carlos Reservation Project (F.P. 199) under Bid No. 0159, were opened by the U. S. Indian Service, Room 524, 751 S. Figueroa St., April 18. The total bids follow:
California Corrugated Culvert Co., $1416.12, f.o.b. West Berkeley. Delivery 15 days; shipping weight 19,596 lbs. Terms ½ of 1% 10 days.
Midwest Pipe & Supply Co., $1282.06 Los Angeles. Delivery 5 days; shipping weight 20,500 lbs. Terms net.
Southern Pipe & Casing Co., Azusa, Calif., $1266.63 f.o.b. Azusa. Delivery 30 days; shipping weight 19,500 lbs. Terms 1% 10 days.
West Coast Pipe & Steel Co., $1,291.63 f.o.b. Los Angeles. Delivery 5 days; shipping weight 22,500 lbs. Terms 1% 10 days. Pipe not preheated before dipping).

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

WAR DEPARTMENT

FORT MASON, Cal.—Until May 2, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-35-241 Req. No. QM 388-161-35, Memo 6406, as follows:

(1) 600 slack pine barrels, knocked down, approx., 19½-inch head, 29-in. staves, with two wooden and four wire hoops;
(2) 1,000 extra wooden hoops for the above barrels.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 2389: Fob bidder's shipping point and/or Sacramento: 68 doz. generators, straight self-cleaning type with male thread;

BID NO. 2390: Fob bidder's shipping point and/or Sacramento: One lot dishes and utensils, aluminum, for kitchen outfits;

BID NO. 2391: Fob bidder's shipping point and/or Sacramento: One lot of cooking utensils and camp kitchen equipment;

BID NO. 2387: Fob bidder's shipping point and/or Government Island: (1) 150 ft. leather belting; (2) 3 dozen 1-gal. capacity oil cans; (3) 25 doz. boys' axe handles, single bitted; (4) 25 doz. do, double-bitted; (5) 25 doz. belt axe handles, single bit; (6) 25 doz. hammer handles.

MAY 3, 2 P. M.

BID NO. 2388: Fob bidder's shipping point and/or Sacramento: 39 doz. 1-quart canteens.

Specifications obtainable from above office.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until May 13, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, for furnishing lead-covered, paper-insulated cable f.o.b. cars or trucks, 257 E. Third St., under Specification No. 1662, as follows:

(1) 10,000 ft. 500,000 CM, 5000 volt, 3 conductor, lead covered, paper insulated cable.
(2) 10,000 ft. 500 000 CM, 5000 volt, 3 conductor lead covered, paper insulated cable;
(3) 10,125 ft. 500,000 CM. 5000 volt, 3 conductor, lead covered, paper insulated cable.
(4) 21,000 ft. No. 4/0 AWG, 600 volt, one conductor, lead covered paper insulated cable;
(5) 10,000 ft. No. 1/0 AWG, 600 volt, one conductor, lead covered, paper insulated cable.
(6) 30,000 ft. No. 4 AWG, 600 volt, one conductor, lead covered, paper insulated cable.
(7) 20,000 ft. No. 6 AWG, 600 volt, one conductor, lead covered, paper insulated cable.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until May 7, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing electric mine-hoists for use at Cabazon and Potrero shafts of the San Jacinto Tunnel of the Colorado River Aqueduct, in accordance with revised Spec. No. 98 (superseding Spec. No. 95), copies of which may be obtained at Room 1007, upon payment of $2 per set, not returnable. Certified check or cashier's check for $5000 must accompany each bid. The proposed equipment will be of the double drum type, each driven by a 2300-volt, 50-cycle, variable speed, wound rotor induction motor.

Bids will be taken as follows:

(1) one electric mine hoist for Potrero shaft;
(2) one do for Cabazon shaft;
(3) services of an erecting engineer, per day.

(Fob cars at manufacturer's plant.)

Note: The principal change in the specifications is an alternate bid on double reduction gears. Julian Hinds Assistant Chief Engineer.

It was previously reported that bids would be opened April 30, 10 A. M., under Spec. No. 95. A list of prospective bidders was published April 23.

CANAL ZONE

PANAMA CANAL ZONE — Until May 6, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3052, for furnishing:

Southern Yellow Pine anod Douglas Fir Lumber and Timbers, and Car Stake Lumber (Fir, Spruce, Hemlock or Loblolly Long or Short Leaf Southern Yellow Pine).

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE — Until May 3, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3051, for furnishing 20,000 bbls. of Portland cement, (376 lbs. net per bbl.), to be delivered in non-returnable 6-ply multiple-wall paper bags.

Delivery will be at Cristobal or Balboa, C. Z., in two 10,000 lots, the first within 55 days after the award is made, and the second lot about August 15.

Specifications obtainable from above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until May 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 678-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City eight cast-steel bulkheads with studs, nuts, tap bolts and gaskets and fifty-six 3/16-in. diam. by 18½-in. bolts with nuts and sixty-four 4-in. diam by 25-in. bolts with nuts, for installation on the flanged ends of 13-foot diam. penstock pipes which will serve the future units at Boulder Power Plant, Boulder Canyon Project. The bulkheads will be installed by the Government.

Specifications obtainable from above office without charge to prospective bond fide bidders; to others, $0.50 not returnable.

BOULDER CITY, Nevada — Until May 16, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 680-D, for furnishing and delivering f.o.b. cars at the shopping point or f.o.b. cars at Boulder City, at the option of the bidder, twelve discharge guides for 72-in. needle valves for installation in the tunnel plug outlet works at the Boulder Dam Canyon Project. All materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, 50c, not rteurnable.

BOULDER CITY, Nev.—Until May 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 682-D, for furnishing and delivering fob cars at shipping point and/or Boulder City, two direct-connected, motor-driven, deep-well, turbine type pumping units to be used as sump pumps and two direct-connected motor-driven deep-well, turbine-type pumping units to be used as drainage pumps in the tunnel plug outlet works at the Boulder Dam, Boulder Canyon Project. The drainage pumping units shall be assembled and rebuilt from parts salvaged from one deep-well motor-driven turbine pumping unit to be furnished by the Government. All pumping units will be installed by the Government.

Specifications obainable from above office without charge to prospective bona fide bidders; to others, $0.75 not returnable.

U. S. INDIAN SERVICE

PHOENIX, Ariz.—Until May 1, 2 P. M., bids will be received by Carl H. Skinner, Superintendent, Phoenix Indian School, 4100 Rhoads Circle, Phoenix, for furnishing 2,400 sacks Portland cement in paper bags.

Delivery fob Phoenix and/or bidder's shipping point.

Specifications obtainable from above office.

PHOENIX, Ariz.—Until May 1, 2 P. M., bids will be received by Carl H. Skinner, Superintendent, Phoenix Indian School, 4100 Rhoads Circle, Phoenix, for furnishing 200 squares shingles.

Delivery fob Phoenix and/or bidder's shipping point.

Specifications obtainable from above office.

CALIFORNIA STATE

LOS ANGELES COUNTY, Cal.—Until April 30, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for the rental of dump trucks of not less than 1½-cu. yd. capacity, for work in the vicinity of the City of El Monte. The estimated time is 500 hours actual operating time, utilizing from one to three trucks. Trucks shall be equipped with hydraulic hoists and dual pneumatic tires.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS REJECTED

SIERRA COUNTY, Calif.—All bids received by the State Highway Commission, Sacramento, April 3, for the construction of a reinforced concrete bridge across the north fork of the North Fork of the Yuba River at Downieville, consisting of two 40-foot, two 31-ft., and two 9-ft. spans on concrete piers, and grading roadway approaches, have been rejected. John Carcano, 122 Clarinda Ave., San Rafael, at $32,961 submitted the low bid.

The project will be readvertised to soon as the right of way is cleared, probably about June 15.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until May 15, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two timber bridges with concrete decks and about 0.7 mile of grading and surfacing with creek run gravel base and road mix surfacing at Red Mountain Creek and McCoy Creek in Mendocino County.

The work involves:

(1) 1 lot moving private improvements;
(2) 0.15 mile moving and resetting fences;
(3) 1 only removing timber bridge;
(4) 8.5 acres clearing and grubbing right of way;
(5) 595 M. gallons water;
(6) 96,800 c.y. rdwy. excav., unclass.
(7) 1,550 c.y. struc. excav.;
(8) 150 c.y. ditch and channel excav.
(9) 196,000 station yards overhaul;
(10) 32 stations finishing rdwy.;
(11) 675 c.y. untreated screened gravel (surfacing);
(12) 4,400 c.y. creek run gravel base;
(13) 800 c.y. mineral aggregate (road mix surfacing);
(14) 75 tons liquid asphalt ROMC-4 (road mix surfacing);
(15) 50 c.y. stone screenings (seal coat);
(16) 6 tons liquid asphalt ROMC-4 (seal coat);
(17) 20 tons liquid asphalt SC-2 (prime coat and shoulders);
(18) 65,600 lbs. bar reinf. steel;
(19) 122 c.y. Class A Portland cement concrete (footing blocks);
(20) 216 c.y. do (structures);
(21) 430 c.y. do (bridge deck);
(22) 173 MFBM redwood timber, dense select, all-heart structural grade
(23) 151 MFBM do, select, all-heart, structural grade;
(24) 1,486 l.f. timber (bridge railing);
(25) 700 l.f. 36-in. virgin logs;
(26) 2,000 l.f. 12-in. virgin logs;
(27) 84,000 lbs. structural metal;
(28) 1 lot misc. bridge items;
(29) 130 l.f. 8-in. CMP;
(30) 76 l.f. 12-in. CMP;
(31) 190 l.f. 18-in. CMP;
(32) 5 spillway assemblies;
(33) 400 l.f. 8-in. perf. metal pipe underdrains;
(34) 85 c.y. rock backfill (underdrains)
(35) 6 each culvert markers;
(36) 24 each guide posts;
(37) 20 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated

BIDS WANTED

LOS ANGELES COUNTY, Calif. — Until May 16, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for construction of a bridge across across Tujunga Wash on San Fernando Road between Truesdale Ave. and Wentworth St., consisting of nine 45-ft. 0-in. concrete spans on concrete piers and approximately 197 feet of timber trestle on pile bents:

The work involves:

(1) 1 only existing bridge to be removed and disposed of;
(2) 3,000 c.y. rdwy. excav., unclass.;
(3) 6,170 c.y. structure excavation;
(4) 3,200 c.y. imported borrow;
(5) 390 sq. yds. subgrade for pavement;
(6) 60 tons liquid asphalt SC-2 (detour);
(7) 3,400 sq. yds. preparing, mixing, and shaping detour roadbed;
(8) 585 tons asphalt concrete;
(9) 705,000 lbs. bar reinf. steel;
(10) 3,495 c.y. Class A Portland cement concrete (structure);
(11) 47 c.y. Class C Portland cement concrete;
(12) 57 c.y. Class F do (railing);
(13) 3,124 lbs. bronze expansion plates
(14) 87 MFBM creosoted Douglas fir timber;
(15) 525 l.f. timber railing;
(16) 2,200 l.f. furnishing creosoted Douglas fir piles;
(17) 80 each driving do;
(18) 500 tons light riprap;
(19) 50 l.f. 24-in. CMP;
(20) 21 c.y. Class A Portland cement concrete (curbs and gutters);
(21) 1 lot lighting conduit;
(22) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

MULTNOMAH COUNTY, Oregon—Until May 2, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, for the construction of four piers for a bridge over Eagle Creek on the Columbia River Highway approximately 1½ miles east from Bonneville, U. S. P.W. Project NRH 171-C.

The work involves approximately 2500 cu. yds. excavation; 1000 cu. yds. Class A concrete, and 59,000 lbs. metal reinforcement.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

DOWNIEVILLE, Sierra Co., Cal.—Until May 6, 10 A. M., bids will be received by the Sierra County Board of Supervisors, Downieville, for furnishing and erecting an 80-ft. steel truss span bridge across the North Fork of the North Fork of the Yuba River, at Downieville.

Plans and specifications obtainable from W. E. Emmett, 901 Russ Bldg., San Francisco, or from County Surveyor Geo. F. Taylor, at a charge of $1.00.

BOND ELECTION

SALINAS, Monterey Co, Calif.—A proposal to issue $140,000 in bonds for purchase of right-of-way for the site of a grade separation planned at the intersection of the Southern Pacific railroad and the state highway will be submitted at an election May 10. Construction of an underpass will be financed by state highway funds after right-of-way is secured.

SUB-CONTRACTS AWARDED

LOS ANGELES, Cal.—John Strona, Philadelphia and East End Avenues, Pomona, has awarded subcontracts for the Gaffey Street bridge, for the Los Angeles Board of Public Works, as follows: Electrical work to Newbery Electric Co.; excavating to Geo. J. Bock & Son; piling to Raymond Concrete Pile Co.; cement to Southwest Portland Cement Co.; lumber to Patten-Blinn Lumber Co.; reinforcing steel to Blue Diamond Company.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal. — Barrett & Hilp, 918 Harrison St., San Francisco, at $1,026,780 awarded contract by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, Southern Pacific Co., and Key System, Ltd., in the City of Oakland, consisting of a steel and concrete viaduct on concrete bents with a concrete roadway slab.

CONTEMPLATED

LOS ANGELES, Cal.—Grade separation projects approved by the Los Angeles City Council for submission to the Public Works Administration for allocations are as follows:

Elevation of Pacific Electric tracks over Mission Road. Estimated cost, $390,000.

Anaheim Street bridge at Gaffey Street over the Pacific Electric tracks at Alhambra Ave. Estimated cost, $83,000.

Elevation of Huntington Dr., over Pacific Electric tracks at Harriman Ave. Estimated cost, $54,000.

Elevation of Charlotte St. over the Pacific Electric tracks. Estimated cost, $45,000.

Subway for Washington Blvd. under the Santa Fe tracks. Estimated cost, $135,000.

Elevation of Lord St. over the Pacific Electric tracks, consisting of a

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

reinforced concrete slab span structure approximately 500 ft. in length with 24-ft. roadway and two 5-ft. sidewalks. Estimated cost, $100,000.

Elevation of Cornwall St. over the Pacific Electric tracks, consisting of a concrete slab structure 266 feet in length with 24-ft. roadway and two 5-ft. sidewalks and an overall width of 38 feet. Estimated cost, $60,000.

Construction of Figueroa St. viaduct, extending from Figueroa tunnel No. 1, across the Los Angeles river consisting of a reinforced concrete 7-arch span structure approximately 1040 ft. in length with a 40-ft. road way and a total width of 54 ft. Estimated cost. $800,000.

22—DREDGING HARBOR WORKS EXCAVATION

PERMIT ASKED

LONG BEACH, Los Angeles Co., Cal.—Application has been made by the Navy Department for War Department permit to install two fixed mooring buoys for heavy cruisers inside Long Beach Breakwater at Long Beach, Calif. Drawings showing the location and plan of the proposed installations may be seen in the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, until 11 A. M., Thursday, May 2. Major H. H. Stickney, Dist. Engineer.

23—IRRIGATION PROJ.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho.—Until May 14, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, under Spec. No. 679-D, for the construction of earthwork, North Canal Laterals 25.4 to 27.8-0.7, Mitchell Butte Division, Owyhee Project. The work is located near Dunaway and Nyssa, Ore., and involves:

(1) 126,000 c.y. all classes of excavation for laterals;
(2) 3,000 sta. c.y. overhaul.

Plans and specifications obtainable from the Bureau of Reclamation, Ontario, Oregon, or Denver, Colo., without charge to prospective bidders; to others, $1.25 not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho.—Until May 15, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 681-D, for the construction of structures, North Canal laterals N.C. 9.9 10.5; 10.5-0.3; 10.5-0.6; 10.5-1.2; 10.5 1.8; 10.5-2.1; 11.0; 11.7; 12.4; 12.4-0.4 12.9; 13.6; 13.6-0.2; 13.6-0.8, and 13.6-1.1, Mitchell Butte Division, Owyhee Project, near Dunaway, Oregon.

The work involves:

(1) 3,650 c.y. all classes of excavation for structures;
(2) 2,400 c.y. backfill;
(3) 905 c.y. concrete in structures;
(4) 1,500 sq. yds. dry-rock paving;
(5) placing 57,000 lbs. reinf. bars;
(6) laying 1,510 l.f. 15- to 30-in. dia. concrete pipe;
(7) installing 4,400 lbs. gates and gate hoists;
(8) erecting 2.0 MFBM timber in structures.

Plans and specifications obtainable from the Bureau of Reclamation, Ontario, Ore.; or Denver, Colo., without charge to prospective bidders; to others, $2 not returnable.

24— STREET LIGHTING SYSTEMS

BIDS OPENED.

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., April 18, under Spec. No. 673-D for furnishing one 180-ton transfer car for the Boulder Power Plant, Boulder Canyon Project:

Consolidated Steel Corp., fob Los Angeles: $5,050.

Morgan Engr. Co., fob Alliance, O.: $5,560.

Atlas Car & Mfg. Co., fob Cleveland Ohio: $4,542.

Judson-Pacific Co., fob San Francisco: $5,214.

Geo. P. Nichols & Bros., Inc., Chicago, fob Gary, Ind.: $6,550; Alt. $8,000; 1% discount.

Bids held under advisement.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colo., April 15, under Spec. No. 672-D, for furnishing & delivering two gages for indicating the water levels in the forebay and tailrace and one gage for indicating and recording water levels in the river at the gaging station, for installation in the Boulder Power Plant:

Julien P. Friez & Sons, Inc., Baltimore, Md., $2448; ½%; f.o.b. Baltimore.

Leupold, Volpel & Co., Portland, Oregon, $3837; 1%; f.o.b. Portland.

Bids held under advisement.

BIDS OPENED

MARIN COUNTY, Cal.—San Bruno Avenue Feed & Fuel Co., 2561 San Bruno Ave., San Francisco, at $1.75 per hour for hand shovel loading, and at $2.05 per hour for power shovel loading submitted low bids to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, April 19, for the rental of two pneumatic tired dump trucks, chassis weight not less than 7000 lbs., body capacity not less than 3½ cu. yds. for approximately 1000 hours, to be used in Marin County. Complete bids follow:

(a) hand shovel loading; (b) power shovel loading:

(a) $2.75; ,b) $2.05: San Bruno Ave. Feed & Fuel Co., San Francisco.
(a) $2.40; (b) $2.85; Rock & Gravel Trucking Co., Oakland.
(a) $2.47; (b) $2.77: Daniel Gallagher Co., San Francisco.
(a) $2.52; (b) $2.87: George Grifall, Mountain view.
(a) $2.57; (b) $2.87: B. Simon, San Francisco; A. N. Giorgi, S. F.; A. Morton, Menlo Park; O. Reynolds, Oakland; Rabuts Island Dredging Co., Antioch; C. W. Beguhl, Lomita Park; Eugene Della Rosa, Martinez; Hayward Building Material Co., Hayward; H. C. Artana, San Jose; T. A. O'Brien, San Francisco.

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Following bids received by P. C. Brown, Procurement Engineer, Forest Service, 85 Second St., San Francisco, under Contract No. 567, for furnishing one ⅜ cu. yd. capacity truck shovel:

Quick Way Shovel Co., f.o.b. Denver, Colo.: $9650 for standard machine with auxiliary steering device; $9500 for standard machine without auxiliary steering device; 2% 10 days; 1% 20 days; net 30 days; delivery in 10 days; shipping weight, 22,000 lbs.

Spears Wells Machinery Corp., f.o.b. Benton Harbor, Mich.: $6600; 2% 10 days; delivery in 45 days; shipping weight, 24,000 lbs.

Bay City Machinery Co., f.o.b. Bay City, Mich.: $5000; 2% 10 days; delivery in 21 days; shipping weight, 21,000 lbs.

Harnischfeger Sales Corp., f. o. b. Milwaukee, Wis., $5280; 2% 15 days; delivery in 14 days; shipping weight, 19,860 lbs.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colorado, April 15, under Spec. No. 620, for furnishing and delivering twelve 86-in. diameter paradox emergency gates, complete with hoists, motors, limit switches, conduit linings, and other appurtenances for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project:

American Locomotive Co., Schenectady, New York, $355,000, net, f. o.b. Dunkirk, New York.

Babcock & Wilcox Co., Denver, $326,606, net, f.o.b. Barberton, Ohio.

Allis Chalmers Mfg. Co., Milwaukee, Wis., $350,000, net, f.o.b. Milwaukee, Wis.

Bethlehem Shipbuilding Corp., Ltd., San Francisco, $376,000, net, f.o.b. San Francisco.

Consolidated Steel Corp., Ltd., Los Angeles, $303,000, net, f.o.b. Los Angeles.

Joshua Hendy Iron Works, San Francisco, $269,459, net, f.o.b. Sunnyvale.

Thomas Spacing Machine Co., Pitts- San Francisco, $376,000, net, f.o.b. Pittsburgh.

Hardie Tynes Mfg. Co., Birmingham, Ala., $289,642, ¼ of 1%, f.o.b. Birmingham.

Steacy Schmidt Mfg. Co., York, Pa., $352,000, net, f.o.b. York.

Bartlett Hayward Co., Baltimore, Md. $308,800, net, f.o.b. Baltimore.

Bids held under advisement.

BIDS OPENED

MARIN COUNTY, Calif. — Identical low bids at $3.25 per hour were submitted by W. E. Cowan, Healdsburg, and G. W. Westover, Hayward, to the Department of Public Works, Division, of Highways, Jno. H. Skeggs, District Engineer, State Building, San Francisco, April 19, for the rental of one power shovel of not less than ⅜ cu. yd. capacity, for approximately 500 hours.

Complete bids follow:

W. E. Cowan, Healdsburg	$3.25
G. W. Westover, Hayward	3.25
F. A. Lance, San Jose	3.38
Chas. Kuppinger, Lakeport	3.50
Johnson & Nelson, San Anselmo	4.00
Thos. J. Doyle, San Francisco	4.20
Forsythe-Worden Co., San Leandro	4.50
Albert Helwig, Sebastopol	4.50
J. Locatelli, Boulder Creek	4.83
Garcia Const. Co., Irvington	4.88
Rock & Gravel Trucking Co. Oakland	5.40
Western Crane Corp., Oakland	6.[illegible]
Consolidated Crane Service, L. A.	7.[illegible]

Bids held under advisement.

28 — FIRE EQUIPMENT

ELECTION

MADISON, Yolo Co., Cal. — A special election on a proposal to purchase a new fire truck will be held in the Madison Fire Protection Dist. on May 10. Estimated cost $3000.

ELECTION

ESPARTO, Yolo Co., Cal.—The Yolo County Board of Supervisors has set May 8 as the date of a special election in the Esparto Fire Protection District on a proposal to purchase a new fire truck. Estimated cost $4000.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Macco Constr. Co., 815 Paramount Blvd., Clearwater, at $493,825 awarded contract by the Board of Directors of the Santa Clara Valley Water Conservation District, San Jose, for the construction of the Coyote Dam and Spillway on Coyote Creek in Santa Clara County.

The low bid of the Peninsula Paving Co., San Francisco, at $388,362.50 was withdrawn due to an error in the bid.

Complete bids published April 8.

CONTRACT AWARDED

DUCHESNE, Utah.—T. E. Connolly, 461 Market St., San Francisco, at $547,221 awarded contract by Bureau of Reclamation, Salt Lake City, under Spec. No. 605, for the construction of the Moon Lake Dam, Moon Lake Project, located near Duchesne.

The bids were opened Feb. 4.

FUNDS ALLOTTED

LODI, San Joaquin Co., Cal.—The Public Works Administration has allotted a loan and grant of $600,000 to the city of Lodi to finance construction of the Mokelumne River hydro-electric plant, consisting of the construction of a concrete arch dam 59 feet high in the Mokelumne River about 27 miles from Lodi, a reinforced concrete power house containing 1,375 KVA generator connected to four reaction type water wheels of a combined capacity of 1200 cu. ft. per second; a step-up transformer station at the power house, and 27 miles of transmission line to Lodi; also a step-up transformer station within the city limits. Estimated cost of labor and material is $495,000, of which 30% is a grant.

F. C. Herrman, Merchants Exchange Bldg., San Francisco; Walter L. Huber, Crocker First National Bank Bldg., San Francisco, and Nelson A. Eckart, 425 Mason St., San Francisco, consulting engineers.

SUB-CONTRACT AWARDED

BONNEVILLE, Oregon—George H. Buckler Co., Lewis Bldg., Portland, at $91,000 awarded contract by Columbia Constr. Co., General Contractors on main spillway dam at Bonneville, for constructing concrete mixing plant. Machinery contracts have been awarded separately, the entire cost of the plant being approximately $300,000

LOW BIDDER

BONNEVILLE, Oregon—L. Colucciо & Co., 1642 Lane, Seattle, at $192 450 submitted low bid to the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-35-547, for excavation of the lower lock approach canal, and the excavation and lining of the fishway at Bonneville Dam.

31 — PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until May 8, 3 P. M., bids will be received by the Public Utilities Commission, Room 282 City Hall, under S.F.W.D. Spec. No. 73, for laying the College Hill Pipe Line from the reservoir to Duboce Avenue.

The work involves:

(1) removal and delivering of steel pipe from the Newark-San Lorenzo Pipe Line to San Francisco, 7,770 l.f. of 36-in. dia. pipe;
(2) removal of lining and coating from the steel pipe, 7,770 l.f. of 36-in. pipe;
(3) repairing holes in the 36-in. dia. steel pipe, 15 holes;
(4) relining and recoating of steel pipe with single standard wrapping, 7,770 l.f. of 36-in. pipe;
(5) cleaning of 30-in. dia. cast iron pipe, 150 12-ft. lengths of pipe;
(6) lining, coating, etc., of 30-in. dia. cast iron pipe, 1,800 l.f. of 30-in. pipe;
(7) fabrication, lining and coating of steel pipe with single standard wrapping, 2,610 l.f. of 20-in. pipe;
(8) fabrication of bends, 36 round-about seams from 36-in. dia. steel pipe;
(9) fabrication of bends, 9 round-about seams from 20-in. dia. steel pipe;
(10) excavation and backfill for normal trench, not over 6-ft. below the street surface for 36-in. dia. pipe, 7,460 l.f.;
(11) do, not over 5½-ft. below street surface for 30-in. dia. pipe, 1,760 lin. ft.;
(12) do, not over 4¾-ft. below street surface for 20-in. dia. pipe, 2,510 lin. ft.;
(13) additional excavation and backfill for trench from normal trench depth to 8-ft. below the street surface, 172 c.y.;
(14) do for trench over 8-ft. below the street surface, 153 c.y.;
(15) excavation and backfill for drains normal trench, 68 c.y.;
(16) excavation and backfill for blow-offs, normal trench, 27 c.y.;
(17) additional pavement removal and replacement, 1,750 sq. ft.;
(18) installation of drains, 307 l.f.;
(19) installation of steel pipe, 7,460 l.f. of 36-in. dia. steel pipe;
(20) do, 2,510 l.f. of 20 in. dia. do;
(21) do, 1,760 l.f. of 30-in. dia. cast iron pipe;
(22) making joints for pipe and fittings, 1,730 l.f. bell and spigot joints;
(23) installation of fittings, 71,400 lbs.
(24) repavement, 46,970 sq. ft.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $20.

N. A. Eckart, general manager and chief engineer.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—Pratts Nursery, Vallejo, at $333 awarded contract by Post Office Department, Washington, D. C., for landscaping grounds at the U. S. Post Office, Vallejo.

FUNDS ALLOTTED

SAN DIEGO, San Diego Co., Cal.—The Public Works Administration has allotted a loan and grant of $524,000 to the City of San Diego for installation of a pipe line from El Capitan Dam to the existing water distribution system and construction of a public road around the dam and reservoir site. Estimated cost of labor and materials is $730,000 of which 30% is a grant.

CONTRACT AWARDED

DALY CITY, San Mateo Co., Cal.—Scott Machinery Co., 960 Folsom St., San Francisco, at $2283 for 16-in. and at $2487 for 18-in. submitted only bid and awarded contract by the Jefferson High School District, Daly City, April 22, for drilling a well 350 feet in depth.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANNED.

TURLOCK, Stanislaus Co., Calif.—City council has authorized call for bids for furnishing 5,100 feet of pipe to be used in construction of outfall sewer. Cost of materials estimated at $15,000. SERA will furnish the labor.

BIDS WANTED

TURLOCK, Stanislaus Co., Cal.—Until May 7, 8 P. M., bids will be received by the Turlock City Council, A. P. Ferguson, City Clerk, 108 North Broadway, for furnishing 5100 ft. 24-in. sewer pipe, or as an alternative, 7300 ft. of sewer pipe.

Specifications obtainable from above office.

TO ASK FUNDS

MONTEREY PARK, Los Angeles Co., Cal.—C. H. Ellison, city engineer, has been authorized by the city council to apply to the Federal Emergency Administration of Public Works for $299,312 to finance the proposed sewer mains and sewage treatment plant.

33— WATER WORKS

BIDS OPENED

SUNNYVALE, Santa Clara Co., Cal.—Identical bids at $1,241.10 for repairs, and at $1,967.90 for new pump, were submitted to the Sunnyvale City Council for furnishing one new pump and repairs to present pumps at the city water works, by the following:

Byron Jackson Pump Co., San Jose.
Kimball-Krogh Pump Co., San Jose.
Layne & Bowler Pump Co., San Jose.
Western Pump Co., Ltd., San Jose.
John Bean Mfg. Co., San Jose.

Bids held under advisement until May 6.

CONTRACT AWARDED

BONNEVILLE DAM, Ore.—Parker-Schram Co., 515 Couch Bldg., Portland at $39,819.23 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 698-35-535, for the excavation and backfill of electric cable trenches; the excavation and backfill for, and the construction of reinforced concrete walks, curbs, gutters, manholes, catchbasins, transformer vaults, handhole boxes, plain concrete bases for lamp standards; a storm drainage pipe system, and a complete lawn sprinkling system at or near the Permanent Quarters Area at Bonneville Dam, Oregon.

CONTRACT AWARDED

SAN FRANCISCO. — Peter J. McHugh, 363 Valencia St., at $83,961.27 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,841, for installing Section A of the Marina District Extension, Auxiliary Water Supply System, for Fire Protection.

34— PARKS & PLAY-GROUNDS

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—R. Goold, 309 E Webster St., Stockton, at $28,981 awarded contract by Stockton Port Commission for furnishing and installing underground piping, valves, fire hydrants and sprinklers for a sprinkler system to cover 195,000 sq. ft. in area.

BIDS WANTED

SAN FRANCISCO.—Until May 8, 3 P. M., bids will be received by the Public Utilities Commission, Room 282 City Hall, for the construction of woven galvanized steel wire mesh fences supported on galvanized steel posts at shafts in the Coast Range Division, Hetch Hetchy Aqueduct. H.H.W.S. Contract No. 154.

Work involves:

(1) 1350 l.f. fencing;
(2) 4 corner posts;
(3) 8 end posts and gate posts;
(4) 4 10-ft. swing gates.

Fences to be erected at the following points:

(1) Tesla Overflow Shaft, San Joaquin County;
(2) Thomas Pipe Shaft, San Joaquin County;
(3) Alameda Creek East Overflow Shaft, Alameda County.
(4) Alameda Creek West Overflow Shaft, Alameda County.

Plans and specifications may be obtained at Room 605, 425 Mason Street, upon deposit of $5.00.
(6680) 4

35— TUNNELS

BIDS OPENED.

OGDEN, Utah.—Union Construction Co., Ogden, at $77,737.50 on Schedule 1, and Shofner & Gordon, Los Angeles, and Hinman Bros. Const. Co., Denver, at $367,731.50 on Schedule 2, submitted low bids to the Bureau of Reclamation, Ogden, April 18, under Spec. No. 618, for construction of the Ogden - Brigham Tunnel, Station 127 plus 10 to Station 168 plus 96 (Schedule 1); and construction of the Ogden Canyon Tunnel, Station 120 plus 09 to Station 143 plus 55 and Station plus 30 to Station 237 plus 48.5 (Schedule 2) on the Ogden River Project.

Complete total bids follow:

Union Const. Co., Ogden: (1) 737.50; (2) no bid.

Shofner & Gordon, Los Angeles, and Hinman Bros. Const. Co., Denver: (1) $102,779.50; (2) $367,731.50; total $47 511. If awarded both Schedules 1 and 2, deduct $3 per c.y. from Item 5, Schedule 1 (5,432 c.y. excavation in tunnel).

S. S. Magoffin & Co., Adrian, Ore.: (1) $105,754; (2) $400,740; total $506,-494. Will accept either Schedule 1 or 2. If awarded Schedule 2, will lower bid on Schedule 1 by 10% deduction from all unit prices, if it will put the company in line for award of both schedules.

Utah Const. Co., Ogden, and Morrison-Knudsen Co., Inc., Boise: (1) $100,728; (2) $411,070; total $511,798.

L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., Los Angeles: (1) $134,014.50; (2) $424,120; total $558,-134.60. If awarded both Schedules 1 and 2 ,$1 per c.y. may be deducted from Item 17 (20,400 c.y. tunnel excavation).

L. Coluccio & Co., Seattle: (1) $105,-017; (2) $512,465; total $617,482.

Siems - Spokane Co., Spokane: (1) $128,464.90; (2) $513,966; total $642 430.90.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—Barrett & Hilp, 318 Harrison Street, at $211,104 (Sections A and B) awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 74, for the construction of Crystal Springs Reservoir in San Mateo County to the University Mound Reservoir in San Francisco.

E. T. Lesure, 87 Ross Circle, Oakland, the original low bidder at $171,-170.46 was permitted to withdraw his bid.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

SACRAMENTO, Cal.—J. R. Reeves R. D. No. 3, Box 100, Sacramento, at $3,161.93 awarded contract by the Sacramento City Council for the improvement of the south side of Fifth Ave. from 33rd St. to the alley first east of 35th St.

LOW BIDDERS

COCHISE COUNTY, Ariz.—Pleasant Hasler Const. Co., 324 Luhrs Bldg., Phoenix, submitted low bid to Arizona State Highway Commission, Phoenix, April 19, at $31,837 (no bid on alternate) for highway construction on the Fort Huachuca-North Highway, NRS 103-A (1935) AFE 602. The work which begins at the northeast corner of Fort Huachuca Military Reservation and extends northerly about 3¼ miles, consists of grading, oiling and aggregate base course.

White & Miller, Tucson, Ariz., submitted the second low bid with an alternate bid of $32,462.

The bids were taken under advisement. T. S. O'Connell State Highway Engineer.

BIDS REJECTED

SAN DIEGO COUNTY, Calif.—All bids received by the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, San Diego, April 9, for 10.1 miles of planting in San Diego County between Encinitas and Oceanside, have been rejected by the State Highway Commission, Sacramento. Peterson Bros., 239 W Olive Ave., Inglewood, submitted the low bid at $8,758.32.

The project will be readvertised to make clear the landscaping clause in the "Notice to Contractors."

COMPLETE BID LISTING

PIMA COUNTY, Arizona—White & Miller, Tucson, Arizona, at $44,906.77, as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, April 16, for highway construction on the Tucson-Florence Highway, N. R. S. 111-A (1935), A.F.E. 8062. The work, which begins about ten miles north of Tucson and extends northerly for a distance of approx. six miles, consists of grading, draining, Aggregate Base Course, and Oil Processing (Road Mix) using Road Oil.

The work involves:
(1) 3.453 miles grading roadway to section;
(2) 6416 cu. yds. roadway excavation (unclass.);
(3) 6957 cu. yds. drainage excavation (unclass.);
(4) 76 cu. yds. structural excavation (unclass.);
(5) 300 cu. yds. borrow excavation (unclass.);
(6) 1602 sta. yds. earthwork overhaul
(7) 483 cu. yds. mi. earthwork haul;
(8) 9451 cu. yds. imported borrow;
(9) 12,044 cu. yds. mi. improted borrow haul;
(10) 10 cu. yds. Class A concrete (inc. cement);
(11) 455 lbs. reinf. steel (bars) (CIP)
(12) 18 lin. ft. 18-in. C.M. pipe (CIP, including bands);
(13) 80 lin. ft. 24-in. do;
(14) 98 lin. ft. 30-in. do;
(15) 42 lin. ft. 36-in. do;
(16) 24 lin. ft. reset 18-in. C.M. pipe (CIP, including all materials and work);
(17) 59 lin. ft. reset 24-in. do;
(18) 81 lin. ft. reset 30-in. do;
(19) 17,060 lin. ft. standard line fence (CIP);
(20) 850 lin. ft. road guard (CIP);
(21) 1200 lin. ft. bank protection (Type A) (CIP);
(22) 440 lin. ft. bank protection (type B) (CIP);
(23) 8900 lin. ft. grader ditches;
(24) 149 each guide posts (CIP);
(25) 25 each steel jetty units (CIP);
(26) 240 lin. ft. grading and constructing fords to section);
(27) 100 hours rolling;
(28) 100 M gals. sprinkling (CIP);
(29) 72 each right-of-way posts (CIP)
(30) 2630 cu. yds. aggregate base course;
(31) 5717 cu. yds. mi. aggregate base course haul;
(32) 2348 cu. yds. shoulder material (CIP);
(33) 6372 cu. yds. mineral aggregate (CIP);
(34) 117,349 gals. asphaltic road oil (CIP) (including seal coat, SC-2)
(35) 5.826 miles processing road mix;
(36) 502 cp. yds. screenings (CIP);
(37) 350 sq. yds. placing intersections.

The total bids were:
(A) White & Miller, Tucson, $44,906.77
(B) Pearson & Dickerson, Prescott, Ariz., $49,008.05.
(C) E. L. Yeager, Phoenix, Arizona, $53,157.82.

The unit bids were:

	(A)	(B)	(C)
(1)	$800.00	$1275.00	$1100.00
(2)	.30	.45	.37
(3)	.30	.25	.32
(4)	1.00	1.00	1.00
(5)	.30	.45	.37
(6)	.03	.03	.04
(7)	.30	.45	.30
(8)	.25	.22	.25
(9)	.165	.15	.26
(10)	32.00	30.00	25.00
(11)	.08	.06	.072
(12)	2.20	3.00	2.20
(13)	3.25	4.00	3.30
(14)	4.00	5.00	3.95
(15)	6.50	6.00	6.00
(16)	.65	2.00	1.00
(17)	.95	3.00	1.20
(18)	1.25	4.00	1.45
(19)	.065	.05	.10
(20)	.90	1.00	1.10
(21)	2.70	4.00	3.75
(22)	1.85	2.50	2.60
(23)	.04	.05	.05
(24)	2.00	1.50	3.00
(25)	25.00	25.00	25.00
(26)	4.50	3.00	5.50
(27)	3.50	2.50	3.00
(28)	4.00	2.50	3.00
(29)	2.50	2.50	3.00
(30)	.83	.75	.80
(31)	.12	.12	.12
(32)	.98	1.00	1.30
(33)	.93	1.25	1.30
(34)	.0675	.05	.063
(35)	450.00	500.00	525.00
(36)	2.00	3.00	1.65
(37)	.20	.20	.25

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until May 16, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and road mix surfacing applied, in San Diego County between Lake Hodges Dam and Rancho Santa Fe.

The work involves:
(1) 350 M. gallons water;
(2) 137 sta. clearing and grubbing right of way;
(3) 121,600 c.y. rdwy. excav., unclass.
(4) 400,000 sta. yds. overhaul;
(5) 6,500 c.y. imported borrow;
(6) 1,750 c.y. structure excavation;
(7) 192 sta. finishing rdwy.;
(8) 43,000 sq. yds. preparing, mixing and shaping roadbed;
(9) 325 tons liquid asphalt SC-2;
(10) 45 tons liquid asph. SC-2 (prime coat);
(11) 470 l.f. 18-in. CMP;
(12) 408 l.f. 24-in. CMP;
(13) 386 l.f. 30-in. CMP;
(14) 170 l.f. 36-in. CMP;
(15) 60 l.f. 48-in. CMP;
(16) 204 l.f. 48-in. CMP, 8 gauge;
(17) 430 l.f. 8-in. perf. metal pipe (underdrains);
(18) 85 c.y. rock filling material (underdrains);
(19) 162 l.f. existing CMP culverts cleaned and re-laid;
(20) 160 c.y. Class A Portland cement concrete (structures);
(21) 11,500 lbs. bar reinf. steel (structures);
(22) 1.1 miles existing property fences moved and reset.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. 9

HIGHWAY PROGRAM

WASHINGTON STATE. — Fifty-eight highway improvement projects in the state of Washington, approved April 8 have been transferred by the Federal Emergency Administration of Public Works to the bureau of public roads, W. H. Lynch, district engineer, for supervision. Contracts will be awarded by the state highway department, which will also direct the construction.

The new work approved in these projects is divided as follows:

		Cost	Proj.
Bridges	$	104,300	2
" grading and surfacing		50,200	2
Grading		304,300	8
Paving		138,000	5
Grading and surfacing		120,500	5
" surfacing and oiling		130,200	2
Bituminous surfacing		72,500	2
Crushed rock surfacing		71,300	2
Oiling		306,500	9
Miscellaneous		18,200	2
Totals		$1,316,000	39

NO BIDS RECEIVED

NEVADA COUNTY, Cal.—No bids were received by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, Marysville, April 23, for 0.4 mile road-mix surfacing on West Main Street and East Main Street, Grass Valley.

BIDS WANTED

STATE OF WASHINGTON—Until May 7, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

SPOKANE COUNTY: Grading and draining and paving with Portland cement concrete about 1.4 miles of State Roads No. 3 and No. 2, in City of Spokane, on Elm Street between 20th Ave. and 7th Ave., and on State Road No. 3 of U.S.P.W. project NRM 201-A and Unit 1 of U.S.P.W. Project NRM 156-F, in Spokane County. The work involves about 28,790 cu. yds. excavation; 31,940 sq. yds. concrete pavement; 3736 sq. yds. concrete sidewalks and driveways; 1086 lin. ft. cable guard rail; 4364 lin. ft. sewer pipe, and other items.

PIERCE COUNTY: Grading, draining and paving with Portland cement concrete and constructing an undercrossing under the Northern Pacific Railway on about 0.4 miles of State Road No. 1, Lakeview Undercrossing, U.S.P. W. Project NRH 171-G, in Pierce County. The work involves about 7 acres clearing; 46,200 cu. yds. excavation; 13,699 sq. yds. concrete pavement; 600 cu. yds. concrete; 358,500 lbs. structural steel; 4512 lin. ft. sewer pipe, and other items.

Plans and specifications obtainable from above office upon deposit of $2 per sent.

BIDS OPENED.

SAN DIEGO COUNTY, Cal.—J. E. Haddock, 3577 Chester Ave., Pasadena, at $137,916.80 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading and placing subgrade reinforcement on 6.886 miles of Section C of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

Bids were taken as follows:

(1) 43 acres clearing;
(2) 231,000 c.y. unclass. excav.;
(3) 1,500 c.y. do for structures;
(4) 1,073,000 sta. yds. overhaul;
(5) 48,500 c.y. mi. hauling subgrade reinforcement;
(6) 36 l.f. 8-in. CGMP;
(7) 1,468 l.f. 18-in. CGMP;
(8) 948 l.f. 24-in. CGMP;
(9) 132 l.f. 30-in. CGMP;
(10) 172 l.f. 48-in. CGMP;
(11) 2 each Type A spillway inlets;
(12) 115 c.y. Class A concrete;
(13) 87 c.y. Class B concrete;
(14) 5,200 lbs. reinforcing steel;
(15) 214 l.f. wood guard rail;
(16) 190 l.f. 6-in. porous tile underdrain;
(17) 11,000 l.f. Type 1 protection ditch
(18) 2,200 l.f. Type 2 do;
(19) 12,000 l.f. fence;
(20) 5 each fence gates;
(21) 65 each culvert markers;
(22) 30 each right of way monuments
(23) extra work, clearing;
(24) extra work, remove and stockpile top soil.

Total bids follow:

(A) J. E. Haddock, Pasadena, $137,916.80.
(B) Rodenhamer Const. Co., Oakland $144,521.00.
(C) Daley Corp., San Diego, $192,007.70.
(D) V. R. Dennis Const. Co., San Diego, $209,550.00.
(E) Engineer's estimate, $122,738.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$150.00	$300.00	$140.00	$200.00	$150.00
(2)	.43	.40	.615	.66	.36
(3)	1.50	2.00	1.70	2.00	1.50
(4)	.005	.01	.015	.01	.005
(5)	.15	.15	.12	.15	.15
(6)	1.00	1.00	1.55	2.00	1.10
(7)	1.90	2.00	1.75	2.50	1.95
(8)	2.80	2.50	3.00	4.00	2.90
(9)	3.50	4.00	4.00	5.00	3.50
(10)	6.75	10.00	8.00	10.00	7.20
(11)	18.50	20.00	13.50	20.00	15.00
(12)	25.00	30.00	31.00	40.00	27.00
(13)	20.00	30.00	30.70	35.00	27.00
(14)	.08	.05	.06	.20	.065
(15)	.80	1.50	1.50	1.50	1.00
(16)	1.00	.50	.70	.50	.40
(17)	.15	.10	.18	.40	.15
(18)	.20	.25	.30	.60	.25
(19)	.12	.09	.10	.12	.12
(20)	20.00	20.00	26.20	25.00	20.00
(21)	3.00	2.00	3.00	3.00	2.00
(22)	3.00	3.00	3.00	5.00	3.50
(23)	300.00	300.00	300.00	300.00	300.00
(24)	500.00	500.00	500.00	500.00	500.00

District Engineer C. H. Sweetser has recommended all bids be rejected.

BIDS WANTED

STATE OF OREGON—Until May 2, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, third floor, Public Service Bldg., Portland, for highway construction as follows:

HOOD RIVER COUNTY: Jericho Lane Section of Hood River Secondary Highway. U. S. Public Works Project No. NRS 253 (1935). 0.85 mile road mix oil surface treatment, requiring approximately 950 cu. yds. screened gravel aggregates, 70 tons light cutback asphalt, and 300 cu. yds. screened gravel shoulder materials.

MULTNOMAH COUNTY: Foster Road-Flavel Street Section of Eighty-second Ave., Portland. U. S. Public Works Project No. NRM 199-G (1935). 1.01 miles paving, requiring approximately 12 000 cu. yds. excavation, 9200 lin. ft. concrete curbs, 27,000 sq. yds. Portland cement concrete pavement and 7500 sq. yds. rock shoulders.

WASCO COUNTY: Maupin - Cow Canyon Section of The Dalles-California Highway. State Project. Furnish approximately 6200 cu. yds. crushed rock in stock piles.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5 per set.

BIDS WANTED

SISKIYOU COUNTY, Cal.—Until May 15, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 12.5 miles grading in Siskiyou County between Cougar and Horse Thief creek.

The work involves:

(1) 65 acres clearing and grubbing highway right of way (inside slope lines),
(2) 130 acres clearing highway right of way (outside slope lines),
(3) 200,800 c.y. rdwy. excav., unclass.
(4) 937,000 sta. yds. overhaul;
(5) 800 c.y. ditch and channel excav.
(6) 88,000 c.y. imported borrow;
(7) 900 c.y. struc. excav.;
(8) 659 stations finishing rdwy;
(9) 11,600 lbs. bar reinf. steel (structures);
(10) 162 c.y. Class A Portland cement concrete (structures);
(11) 76 l.f. 12-in. CMP;
(12) 1,116 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 108 l.f. 48-in. CMP;
(16) 40 l.f. 60-in. CMP;
(17) 92 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

COMPLETE BID LISTING

SANTA BARBARA CO., Cal.—John Fesler, P. O. Box 481, Santa Maria, at $5,072.15, as previously reported, submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, April 16, for 0.4 mile widening of roadway cut and planting roadsides in Santa Barbara County, between two miles north of Solomon Summit and Santa Maria.

The work involves

(1) 22 M. gals. water;
(2) 6725 c.y. rdwy. excav., unclass.;
(3) 3.5 c.y. Class A Portland cement concrete in place (struc.);
(5) 140 lbs. bar reinf. steel in place;
(6) 8 l.f. 18-in. corru. metal pipe in place;
(7) 16 l.f. 24-in. do;
(8) 3 each spillway assemblies removed and reset.
(9) 1334 l.f. property fence removed and reset;
(10) 3 each headwalls removed and disposed of;
(11) 40 ea. trees in place (Key No. 1)
(12) 75 ea. shrubs in place (Key No. 2);
(13) 50 each do (Key No. 3);
(14) 2000 ea. do (Key No. 4);
(15) 100 ea. do (Key No. 5);
(16) 75,000 each ground cover plants in place (Key No. 6).

The total bids were:

(A) John Fesler, Santa Maria, $5,072.15.
(B) James S. Butler, San Luis Obispo $5,486.81.
(C) Henry C. Dalessi, San Luis Obispo, $5,580.93.
(D) L. A. Brisco, Arroyo Grande, $6,485.22.
(E) S. A. Cummings, San Diego, $7,233.00.
(F) Walter B. Roselip, San Luis Obispo, $7,578.10.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$5.00	$4.00	$6.00	$5.00	$10.30	$2.50
(2)	.37	.37	.39	.48	.46	.68
(3)	1.25	1.50	1.50	1.66	1.47	1.88
(4)	30.00	25.00	27.00	35.00	40.00	25.00
(5)	.10	.10	.10	.10	.15	.06
(6)	2.00	2.00	3.00	3.50	2.45	2.25
(7)	3.00	3.00	4.00	4.50	3.65	3.25
(8)	5.00	10.00	5.00	6.00	10.50	20.00
(9)	.10	.09	.07	.08	.10	.037481
(10)	5.00	10.00	6.00	7.00	10.00	15.00
(11)	1.00	1.00	.77	.75	2.45	.78
(12)	1.00	1.00	.88	.80	3.00	.92
(13)	1.00	1.00	.90	.85	2.25	1.00
(14)	1.00	1.00	.83	.75	2.45	.80
(15)	1.00	1.00	.83	.75	2.45	.85
(16)	.013	.017	.0165	.02	.02	.016

BIDS WANTED

PETALUMA, Sonoma Co., Cal.—Until April 22, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk for furnishing materials for the wid-

ening of Main street from the South side of Washington Street to points on the east and west side of Main St. near its intersection with Third Street. The work involves:

(1) 210 cu. yds. coarse aggregate;
(2) 168 cu. yds. fine aggregate;
(3) 929 sacks Portland cement (high early strength);
(4) 1469 lin. ft. 1½-in. galv. electrical conduit;
(5) 3000 lin. ft. No. 8 B&S gauge 3500 volt copper wire.

Specifications obtainable from above office.

BIDS OPENED

MENDOCINO COUNTY, Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $15,561.02 submitted low bid to the State Highway Commission, Sacramento, for a total of 1.3 miles of surfacing with re-tread surfacing between Mill St. and northerly city limits of Ukiah, and between Broaddus Creek and northerly line of the Northwestern Pacific Railroad right of way, Willits, Mendocino County.

Bids were taken as follows:

(1) 20 M. gallons water;
(2) 165 tons untreated crushed gravel or stone surfacing;
(3) 5,900 sq. yds. planing exist. pavement;
(4) 465 tons plant mixed surf. (medium curing type);
(5) 2,635 tons screenings;
(6) 182 tons emulsified asphalt;
(7) 44 each sewer and water fixtures adjusted to grade;
(8) 16 each traffic markers removed and reset;
(9) 11 ea. cast steel monument frames and covers.

Total bids follow:

(A) E. A. Forde, San Anselmo, $15,561.02.
(B) Ransome Co., Emeryville, $16,762.15.
(C) Sidney Smith and Albert Helwig San Rafael, $17 802.50.
(D) L. J. Immel, Berkeley, $18,355.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 2.00	$ 2.50	$ 2.[illegible]
(2)	2.75	3.28	3.00	4.30
(3)	.155	.15	.16	.14
(4)	4.25	4.83	5.80	5.30
(5)	3.05	3.06	3.10	3.50
(6)	21.61	25.75	29.00	25.00
(7)	2.50	3.00	2.00	7.50
(8)	1.00	2.00	1.00	3.00
(9)	8.25	12.40	6.00	[illegible]

HIGHWAY PROGRAM

ARIZONA STATE.—T. S. O'Connell State Highway Engineer, has announced that the state road program for the next two years will approximate $13,500,000. This will include $11,438,000 from various federal sources and $2,000,000 from state funds. The federal funds are scheduled from the following sources: $5,279,000 from highways under the Public Works bill; $1,176,000 for grade separations under the same act; $3,500,000 from the department of agriculture bill, and [illegible] 000 from the Hayden-Cartwright federal lands appropriation. The grade crossing elimination program embraces 16 railway approaches.

BIDS WANTED

SAN FRANCISCO—Until May 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 261, City Hall, under Spec No. 18,857 for the reconstruction of Shrader St., between 17th St. and line 229 feet south of Carmel Street. Estimated Cost, $2400.

The work involves:

(1) 150 lin. ft. granite curb redressed and reset;
(2) 6420 sq. ft. 6-in. Class E concrete pavement;
(3) 480 sq. ft. remove existing pavement and replace with asphalt concrete pavement, consisting of a 5-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 35 tons asphaltic concrete binder in place;
(5) 7200 sq. ft. 2-in. asphaltic concrete wearing surface;
(6) 2220 sq. ft. 2-in. do to be removed and replaced;
(7) 320 sq. ft. asphaltic concrete conform pavement.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

MONO COUNTY, Calif.—Until May 14, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading 6.823 miles of Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

The work involves:

(1) 27 acres clearing;
(2) 133,400 c.y. unclass. excavation;
(3) 1,700 c.y. do for structures;
(4) 29,600 c.y. do for borrow;
(5) 255,000 sta. yds. overhaul;
(6) 16,200 c.y. mi. borrow haul;
(7) 6.812 miles finishing earth graded road;
(8) 167 c.y. concrete;
(9) 20,530 lbs. reinforcing steel;
(10) 307 c.y. cement rubble masonry;
(11) 2,918 l.f. corrugated metal pipe;
(12) 9 each spillway inlets;
(13) 10 each steel grates;
(14) 87 c.y. hand-laid riprap;
(15) 400 l.f. log guard rail;
(16) 150 l.f. log rail for bridge;
(17) 120 l.f. log stringers;
(18) 2,650 l.f. protection ditch;
(19) 102 each culvert markers;
(20) 26 each right of way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

NAPA COUNTY, Cal.—Until May [illegible] 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, 211 State Bldg., San Francisco, for about 0.2 mile to be graded and crusher run base and plant-mixed surfacing (medium curing type) constructed, in Napa County, between Yountville and Oakville.

The work involves:

(1) 3,650 c.y. rdwy. excav., unclass.;
(2) 350 c.y. existing concrete to be removed and stockpiled;
(3) 10 sta. finishing roadway;
(4) 800 tons crusher run base in place;
(5) 375 tons mineral aggregate in place (plant-mixed surf.);
(6) 20 tons liquid asphalt MC-5 or MC-Extra Heavy in place (plant mixed surfacing);
(7) 4 tons liquid asphalt MC-2 in place(prime coat);
(8) 3 tons liquid asphalt MC-3 do;
(9) 6 tons liquid asphalt SC-1A, in place;
(10) 25 tons screenings in place;
(11) [illegible] guide posts in place.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

MODOC COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $69,431.20 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for placing bituminous surface treatment (armor coat) on 28.077 miles of Section A of Route 11, the Lava Beds National Forest Highway, and on Sections A and B of Route 12, the Howard Gulch National Forest Highway, Modoc National Forest, Modoc County.

CONTEMPLATED

BOULDER CITY, Nev.—Col. Tom Miller, Senior Superintendent of the State Park Camps in Nevada, has announced that work will be started this summer on a 62-mile highway around the rim of Hoover Lake at the Boulder Dam. The road will start at Las Vegas to Boulder City. Work will be done by the CCC.

CONTRACT AWARDED

KLAMATH COUNTY, Ore.—J. C. Compton, McMinnville, Ore., at $89,581.60 awarded contract by the Bureau of Public Roads, Portland, for approximately 4.558 miles (PEC-5-A2, B) and 13.733 plus 0.817 Parking Areas (PEC-7A and 8) bituminous surfacing in Crater Lake National Park, Klamath County.

CONTRACT AWARDED

SAN FRANCISCO.—Henderson and Landry, 165 Blake St., at $790 awarded contract by Department of Public Works, City Hall, under Spec. No. 18,755, for the improvement of the east side of Larkin Street between Bay and Francisco Streets.

CONTRACT AWARDED

MARIPOSA COUNTY, Cal.—Morrison-Knudsen Co., 411 Fifth St., Los Angeles, at $159,413.50 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for 2.155 miles of grading on Section A2 of Route 3, the Big Oak Flat Road, Yosemite National Park, Mariposa County.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $60,923.40 (Alternate A, asphalt concrete) awarded the contract by the State Highway Commission, Sacramento, for about [illegible] mile paving with asphalt concrete and Portland cement concrete in Los Angeles County between Ocean Avenue and Lincoln Blvd.

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—A. G. Raisch, 1 De Haro St., San Francisco, at $46,504.10 awarded contract by the State Highway Commission at Sacramento, for 0.2 mile grading and paving with asphalt concrete in San Mateo County between Third Avenue and Crystal Springs Road in the city of San Mateo.

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—John Fesler, P. O. Box 481, Santa Maria, at $5072.15 awarded contract by the State Highway Commission, Sacramento, for 0.4 mile widening of roadway, cut and planting roadsides in Santa Barbara County, between two miles north of Solomon Summit and Santa Maria.

CONTRACT AWARDED

SISKIYOU COUNTY, Calif.—Peninsula Paving Co., 9 Main Street, San Francisco, at $34,703.50 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for placing a bituminous surface treatment on 12.45 miles of Section C of Route 77, the Mount Shasta - Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou County.

CONTEMPLATED

LOS ANGELES, Cal.—Grade separation projects approved by the Los Angeles city council for submission for state highway bond allocations and for which the city will provide rights-of-way are as follows:

Figueroa St.-College St. grade separation. Estimated cost, $135,000.

N and O Street Viaduct, Wilmington. Estimated cost, $370,000.

CONTRACT AWARDED

KERN COUNTY, Cal.—Basich Bros. 20,550 Normandie Ave., Torrance, at $44,772.80 awarded contract by State Highway Commission, Sacramento, for 4.5 miles grading and placing bituminous selected surfacing material, in Kern County between one-half mile south and four miles east of Western Water Works Pumping S

COMPLETE BID LISTING

NAVAJO COUNTY, Arizona—E. L. Yeager, Box 470, San Bernardino, at $46,794.71, as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, April 16, for the improvement of streets in Holbrook, Arizona, NRM 78-D (1935) A.F.E. 539, NRM 83-B (1935) A.F.E. 538. The work, which extends from the north city limits of Holbrook along Porter St. to the R. R. tracks, a distance of about one-third of a mile, consists of removing old pavement and curb and gutter, and to furnish and place select materials, new concrete pavement and curb and gutter.

The work involves:

(1) 11,613 sq. yds. grading under pavement(including drain pipe and curb excavation, haul and disposal);
(2) 5162 cu. yds. select material (CIP)
(3) 7608 sq. yds. 6-in. concrete pavement (CIP);
(4) 899 sq. yds. concrete gutter (CIP)
(5) 3335 lin. ft. combined curb and gutter (CIP);
(6) 2523 sq. ft. 4-in. concrete sidewalk (CIP);
(7) 3593 lin. ft. 4-in. vitrified clay pipe (CIP);
(8) 4 each monument covers (CIP);
(9) 17 each resetting traffic buttons (CIP);
(10) 50 hours rolling;
(11) 650 cu. yds. stripping pits;
(12) 200 cu. yds. rock backfill over vitrified clay pipe (CIP).

The total bids were:

(A) E. L. Yeager, $46,794.71.
(B) K. C. Tanner - W. E. Hall Co., Phoenix, $47,571.90.
(C) Leo Frost & Wm. Peper, Holbrook, Ariz., $47,647.11.
(D) Clinton Campbell Constr. Inc., Phoenix, $50,905.54.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	$ .57	$ .50	$ .47	$ .70
(2)	.56	.55	.75	.77
(3)	2.76	3.00	3.00	2.90
(4)	2.76	3.00	3.00	2.90
(5)	3.16	3.10	3.00	3.39
(6)	.30	.30	.20	.30
(7)	.32	.30	.30	.25
(8)	15.00	5.00	25.00	20.00
(9)	2.00	1.00	2.00	5.00
(10)	4.00	4.00	5.00	5.00
(11)	.20	.30	.50	.24
(12)	4.68	4.00	2.50	3.00
				29

BIDS WANTED

LOS ANGELES COUNTY, Calif. — Until May 16, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 4.7 miles of existing roadbed to be widened and portions paved with Portland cement concrete and asphalt concrete in Los Angeles County between Monterey Park and Mountain View Road.

The work involves:

(1) 248 stations clearing and grubbing right of way;
(2) 430 M. gallons water;
(3) 27,000 c.y. rdwy. excav., unclass.
(4) 3,100 c.y. struc. excav.;
(5) 1 ton "SC-1A" liquid asphalt (subgrade treatment);
(6) 2 tons Grade E asphaltic cement (subgrade treatment);
(7) 700 tons selected material;
(8) 5,800 sq. yds. preparing subgrade for pavement;
(9) 248 stations finishing rdwy.;
(10) 10 tons MC-2 liquid asphalt prime coat (plant mixed surfacing);
(11) 1,650 tons mineral aggregate (plant mixed surfacing);
(12) 90 tons MC-5 or MC-extra heavy liquid asphalt (do);
(13) 98,000 sq. yds. preparing, mixing and shaping shoulders (oil treatment);
(14) 22 tons SC-1A liquid asph. prime coat (shoulder treatment);
(15) 78 tons SC-2 do;
(16) 980 tons SC-2 liquid asphalt (do);
(17) 270 tons SC-1A do;
(18) 110 tons 90-95 do (shoulder seal coat);
(19) 1,300 tons screenings (do);
(20) 4,100 sq. yds. asph. paint binder
(21) 1,200 tons asphalt concrete;
(22) 760 c.y. Class A Portland cement concrete (pavement);
(23) 1,000 each pavement dowels;
(24) 44,300 lbs. bar reinf. steel (pavement and structures);
(25) 550 c.y. Class A Portland cement concrete (structures),
(26) 320 l.f. 18-in. CMP,
(27) 220 l.f. 24-in. CMP,
(28) 280 l.f. 48-in. CMP;
(29) 4,900 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways)
(30) 2,600 l.f. curb armor;
(31) 33,400 lbs. misc. iron and steel,
(32) 74,000 lbs. steel rail assemblies;
(33) 800 c.y. removing and disposing of existing concrete;
(34) 120 sq. yds. pedestrian subway membrane waterproofing,
(35) 1 lot pedestrian subway railing,
(36) 1 lot pedestrian subway drainage system;
(37) 1 lot pedestrian subway electric system.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

LOS ANGELES COUNTY—Overhead Crossing—(State)

LOS ANGELES COUNTY, Cal.—D. A. Loomis, 676 W. Salem St., Glendale, submitted low bid to the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, April 17, at $11,283.82, for constructing a structural steel and concrete pedestrian overhead structure across the state highway in Santa Monica, about 0.5 mile northwest of Colorado Avenue.

The work involves:

(1) 130 c.y. structure excavation;
(2) 162 c.y. Class A Portland cement concrete in place;
(3) 14 c.y. do (slope pavement);
(4) 9000 lbs. bar reinf. steel in place
(5) 39,000 lbs. structural steel in place
(6) 2170 lbs. cast iron in place;
(7) 452 l.f. furnishing treated Douglas fir piles, including test piles;
(8) 21 each driving do in place;
(9) 100 l.f. pipe hand rail complete in place;
(10) 58 sq. yds. soffit plaster in place;
(11) 1 lot lighting equipment complete in place;
(12) 1 lot drainage equipment complete in place;
(13) 1 lot misc. items of work.

Total bids were:

(A) D. A. Loomis..... $11,283.82
(B) E. S. and N. S. Johnson.. 12,339.20
(C) R. H. Travers 13,186.30
(D) Contracting Engineers.... 13,316.70
(E) Byerts & Dunn 13,812.10
(F) Oscar Oberg 14,100.54

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(A)	$2.70	$23	$11.20	$.0494	$.1267	$.085	$.54	$17	$1.50	$1.08	$39.80	$167.05	$459.10
(B)	2.00	30	20.00	.05	.13	.10	.60	15	1.50	2.00	50.00	200.00	100.00
(C)	4.00	26	20.00	.065	.136	.15	.40	15	1.00	3.50	550.00	350.00	300.00
(D)	2.20	25	25.00	.05	.11	.10	.60	22	1.60	2.25	100.00	200.00	2350.00
(E)	3.50	25	15.00	.05	.13	.13	.50	18	3.50	2.00	100.00	225.00	2000.00
(F)	4.00	29	19.00	.057	.14	.10	.52	28	1.60	1.75	82.00	210.00	1050.00

MOHAVE COUNTY, ARIZ.—4.718 Mi. Grading—(Govt.)

MOHAVE COUNTY, Arizona—R. C. Tanner and W. E. Hall Co., 525 Phoenix Title & Trust Bldg., Phoenix, at $55,930, as previously reported, submitted low bid and recommended for award of contract by the Bureau of Public Roads, Phoenix, April 16 for grading 4.718 miles of Section E of Federal Lands Highway Project No. 2, Kingman - Boulder Dam Highway, Mohave County.

Bids were taken as follows:

(1) 63,200 c.y. unclass. excav.;
(2) 4,900 c.y. do for borrow;
(3) 1,250 c.y. do for structures;
(4) 9,200 sta. yds. overhaul;
(5) 1,250 c.y. ml. borrow haul;
(6) 4.718 miles finishing earth grade road;
(7) 917 c.y. Class A concrete;
(8) 81,000 lbs. reinforcing steel;
(9) 208 l.f. 24-in. CMP;
(10) 252 l.f. 30-in. CMP;
(11) 344 l.f. 36-in. CMP;
(12) 94 l.f. 42-in. CMP;
(13) 50 l.f. 48-in. CMP.

Total bids follow:

(A) R. C. Tanner and W. E. Hall Co., Phoenix, $53,930.00.
(B) Pearson & Dickerson Contractors Inc., Prescott, $58,507.80.
(C) Skousen Bros., Albuquerque, N. M., $60,333.00.
(D) All-Arizona Engr. & Const. Co., Clifton, $62,401.40.
(E) A. R. Maestretti, Stockton, Calif., $62,940.65.
(F) Hodgman & MacVicar, Pasadena, Calif., $69,068.60.
(G) H. J. Hagen, Globe, $71,209.00
(H) Engineer's estimate, $67,323.90

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .34	$ .38	$ .40	$ .44	$ .32	$ .50	$ .50	$ .50
(2)	.20	.315	.25	.38	.40	.30	.40	.40
(3)	2.00	1.50	1.00	1.50	2.25	1.50	1.50	1.50
(4)	.04	.03	.05	.04	.03	.05	.03	.03
(5)	.40	.43	.40	.30	.25	.30	.40	.25
(6)	500.00	100.00	500.00	200.00	500.00	200.00	500.00	300.00
(7)	19.00	22.00	21.00	22.00	26.75	25.00	25.00	22.00
(8)	.05	.06	.06	.05	.06	.06	.06	[illegible]
(9)	3.00	3.00	3.00	3.20	3.70	3.00	3.00	3.00
(10)	3.50	4.00	4.00	4.00	4.50	4.00	4.00	4.00
(11)	5.00	6.00	6.00	6.00	6.70	5.50	6.00	6.00
(12)	6.50	7.00	9.00	7.80	7.75	6.50	7.00	7.50
(13)	8.50	8.00	12.00	9.50	13.40	8.50	10.00	8.00

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

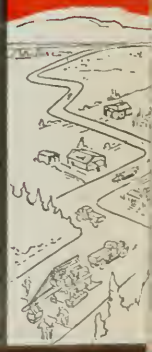
SAN FRANCISCO PUBLIC LIBRARY

Bid Depositories for Builders Open This Month

$200,000 Berkeley Underpass Advertised

Building Permits, Advance Reports of Building and Engineering Projects

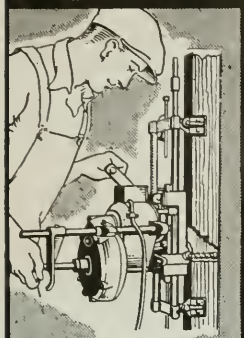
Unit Price Review



MAY 4, 1935

Vol. XVIII—No. 18

WAPPAT Electric TOOLS



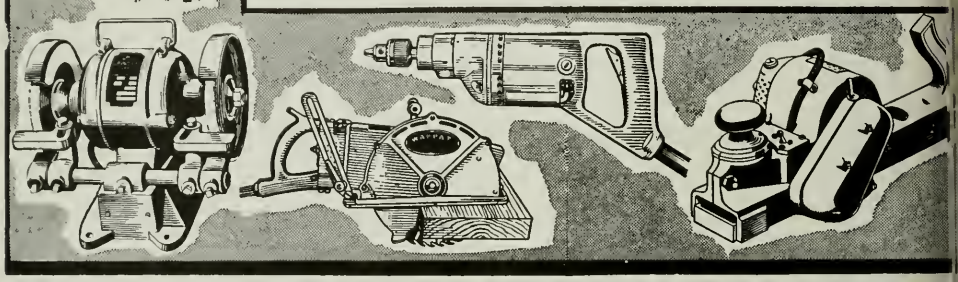
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MAY 4, 1935 No. 18

Building Contractors' Bid Depositories Open This Month; Local Chairmen Named

Bid depositories throughout the state of California for general building contractors shortly will be in operation, William E. Hague, secretary of the State Administrative Committee for General Building Contractors Sub-Division, announced yesterday.

Bid depository rules were approved by the construction code authority at Washington, D. C., at a meeting, April 30, and are to be made mandatory for all general building contractors in the United States. A copy of the rules is to be mailed from the divisional code authority at Washington to each general building contractor in every state and the rules are to be uniform throughout the country.

This is the first time that any divisional code authority in conjunction with the construction code authority has undertaken to promulgate standard bid depository rules to be effective in all cities alike and it indicates the latest trend in code administration development and the standardization of practice which is now contemplated by the Washington authorities under a governmental fostered plan, George E. Greenwood, chairman of the San Francisco committee, said.

The State Administrative Committee for General Building Contractors has appointed Philip F. Travers as administrator for the building code in Northern California and Ralph de Huff as code administrator for Southern California.

District administrative committees have been elected for various areas of Northern California, the following being named chairmen: *San Francisco*, Geo. E. Greenwood, 205 Sharon Bldg.; *Richmond*, P. M. Sanford, 248 Fourteenth Street; *Oakland*, S. G. Johnson 354 Hobart Street; *San Mateo*, Theodore Lauman, 1483 Burlingame Ave.; *Palo Alto*, Wells P. Goodenough, 532 Emerson Street; *San Jose*, Frank L. Hoyt, 201 South Market Street; *Watsonville*, P. T. Wallstrum, P. O. Box 964; *Fresno*, Harry W. Shields, 1837 Merced Street; *Bakersfield*, G. A. Graham, 1729 Nineteenth Street; *Stockton*, L. S. Peletz, 242 E. Miner Ave.; *Sacramento*, W. C. Keating, 720 Eye Street; *San Rafael*, A. H. Siemer, 831 Fourth Street; *Redding*, Chas. Akard.

Committees are to be appointed later for Monterey, San Luis Obispo, Modesto, Vallejo, Santa Rosa, Marysville Napa and Eureka.

The State Administrative Committee proposes that the code administration and bid depositories shall be in full working order by May 15.

CHANGE FEDERAL PROJECT RULES

Attention of Highway Contractors is directed by State Highway Engineer C. H. Purcell to changes in special provisions for work partially financed by Federal funds.

Principal changes are: (1) Labor payrolls are required weekly instead of monthly; (2) Labor may make up working time lost because of inclement weather or shutdowns in any one week during the succeeding three weeks, instead of the succeeding calendar month; (3) a form of affidavit to be furnished with payrolls is prescribed.

Changes are effective on contracts advertised April 26 and thereafter.

The registration of working activities and collection fee percentages will be handled from the general offices of the State Administrative Agency for General Contractors at 206 Sansome Street, as in the past, the committee for general building contractors being the builders' dvision of the agency administrative activities.

In many areas it is anticipated that the central bid depository plan may be used by the district administrative committees.

The Divisional Code Authority at Washington has advised that the official bid depository rules, which are now being printed in Washington, will all be in the mail and distributed next week. A large force is being employed addressing envelopes to the 60,000-odd general contractors throughout the United States.

S. F. RESIDENTIAL BUILDING TOPS RECENT YEARS

April Figures Show Best Volume of Home Construction In Many Months

Residential building in San Francisco during April neared the $300,000 mark, making last month the best in recent years for this type of work, the monthly report of Director of Public Works W. H. Worden revealed yesterday.

Permits issued for frame structures numbered 76, valued at $298,825. This compares with 55 permits amounting to $214,340 in March. Compared with April, 1934, the totals show a startling gain. In the corresponding month a year ago only 17 permits for frames were issued, for a value of $41,190

Alteration permits were greater in number but less in value than in March. They exceeded April a year ago substantially both in number and value.

Non-residential work during the month was insignificant and principal work amounted to $108,081. The decline in public awards and in alterations accounts for a smaller total for the month than in March. The total of all building for April is $668,915; for March, $1-148,746; for April, 1934, $496,321.

Following is comparison of principal classifications of permits in April, 1935, and April, 1934:

Class.	April, 1935 P'mts	April, 1935 Cost	April 1934 P'mts	April 1934 Cost
A	3	$ 17,000	.....	$ .....
B	1	3,500	.....	.....
C	6	38 600	5	11,150
Frames	76	298,825	17	41 190
Alteration	480	202,909	360	157,064
Public	4	108,081	5	100 000
Harbor	....	.....	1	16,897
U. S. Govt.	.....	.....	3	169,797
Total	570	$668,915	391	$496,321

CHANGE NAME OF DIVISIONAL CODE

By Administrative Order 244-D-16 the National Recovery Administration has changed the name of Chapter V of the Construction Code from Cement Gun Contractors Division to Air Applied Concrete Division.

AWARD CONTRACT FOR SOUTH CITY UNDERPASS WORK

Fredrickson & Watson, Fredrickson Bros. Get $128,908 State Job

SACRAMENTO, May 1. — The State Highway Commission today awarded six contracts for highway work, among them one to Fredrickson & Watson Construction Company and Fredrickson Bros., 873 81st Avenue, Oakland, for widening the underpass under the Southern Pacific and South San Francisco Belt Railway tracks at South San Francisco. The contract price is $129,908.

The Commission also opened bids for surfacing about 2.1 miles in Sacramento county, the lowest bidder being Lee J. Immel of Berkeley with a proposal of $22,572 The work is located between Ryde and one-half mile east of Steamboat Slough, and requires grading, surfacing with crusher run base and application of armor coat.

Total bids were:

Lee J. Immel	$22,572
E. F. Hilliard, Sacramento	22,791
A. Teichert & Son, Inc., Sacramento	23,910
Ransome Co., Emeryville	27,679
J. A. Casson, Hayward	28,555

In addition to that for the South San Francisco underpass, the Commission awarded the following contracts:

Daley Corp., San Diego, $45.437, for grading and treating with liquid asphalt about 2.8 miles in San Diego county between one mile east of Barrett and Tecate Road;

J. E. Haddock, Ltd., Pasadena, 39,633, for construction of a reinforced concrete girder bridge across Trabuco Creek, two miles north of San Juan Capistrano, Orange Co.;

Mundo Engineering Co.: Los Angeles, $28,543, for grading and paving about 1.1 miles between 17th Street, Santa Ana, and Fairhaven Ave., Orange county;

S. M. Milovich, Montebello, $15,422, for construction of 618 feet of reinforced concrete box storm drain at Third Street and at Eighth St., Redlands, San Bernardino county;

D. A. Loomis, Glendale, $11,283, for construction of a steel and concrete pedestrian overhead crossing across the state highway in Santa Monica.

$1,250,000 LOANED IN SACRAMENTO AREA

Loans for modernization and repairs in the Sacramento area have passed the $1,250,000 mark, according to the estimate of Jay Keegan, associated director for northern California of the Federal Housing Administration. Mr. Keegan's estimate is based upon reports to his office by Sacramento banks and by contractors and others covering work undertaken by other methods of financing than National Housing Act loans.

City Will Sell Discarded Hetchy Construction Items

Bids for equipment, supplies and materials used during construction of the Hetch Hetchy project will be opened May 10 by T. A. Brooks, Purchaser of Supplies for the City and County of San Francisco.

The lot now offered for sale includes locomotives and other equipment, supplies and materials from the Hetch Hetchy Railroad; automobiles, trucks and parts; miscellaneous electrical and plumbing equipment and supplies; hoists, mucking machines and other items too numerous to mention.

A number of items from the last lot of Hetch Hetchy property offered for bids have been sold singly and in small groups, all bids received having been rejected as too low.

The group for which bids are now being received is a new lot and does not include materials from the previous lot. Only lump sum bids for the entire lot will be considered.

The equipment and materials are located at yards of the H Hetchy project at Livermore, Valle, Mocho, Mitchell and Thomas, in Alameda County and Hetch Hetchy Junction and Moccasin in Tuolumne County.

A complete list of items offered for sale is on file in Mr. Brooks' office, Room 270, City Hall, and may be inspected by prospective bidders.

Oregon Planning $3,000,000 Building To Replace Capitol

Construction of a $3,000,000 State Capitol building at Salem, Oregon, to replace the structure destroyed by fire last week is contemplated by Oregon State officials, it is reported. Governor Chas. H. Martin has indicated that a special session of the legislature will be called this week to authorize a new building. It is expected that PWA funds will be asked for the work.

Property damage in the fire last week is estimated by the State at approximately $1,500,000, exclusive of the loss of innumerable records, public documents and historial relics.

CONSTRUCTION DAY AT FAIR AUGUST 30

Directors of the California Pacific International Exposition at San Diego have set aside Friday, August 30, as "Construction Industry Day" at the Fair. Plans for participation are being made by the various branches of the Associated General Contractors throughout the state.

BIDS MAY 22 ON UNDERPASS AT FOLGER AVE.

$200,000 Estimated Cost of Grade Separation For East Bay Bridge Approach

SACRAMENTO, April 30.—Three contracts for highway work, including construction of an underpass under the Southern Pacific tracks at Folger Avenue in Berkeley, were authorized for advertising today by the State Highway Commission. Bids will be opened May 22 and 23 in Sacramento and Los Angeles.

Proposals for the Berkeley underpass are to be opened May 22 in Sacramento. The underpass will consist of two concrete abutments with wing walls, a concrete center pier, a concrete sealing slab and base slab, and a deck of precast concrete slabs. It is on the route of the Ashby Avenue approach to the Bay Bridge. The estimated cost is $200,000.

Among the principal bidding items are 28,000 cubic yards excavation; 4,600 cubic yards of Class B Portland cement concrete; 570,000 pounds bar reinforcing steel; 891 feet of vitrified clay pipe.

On May 23 the State Highway Engineer in Los Angeles will open bids on two contracts for work in Los Angeles and Orange counties.

The Orange county job involves grading and paving about 1.4 miles between Anaheim and Miraflores. Alternative items for Portland cement or asphalt concrete are included in the bidding schedule. Major items include 11,000 cubic yards unclassified roadway excavation; 90,000 station yards overhaul; 19,000 square yards subgrade for pavement; 7,850 tons asphalt concrete or 3,490 cubic yards Class A Portland cement concrete and numerous others.

The Los Angeles county contract calls for widening four 30-ft. spans on a reinforced concrete girder bridge across Newhall Creek at Newhall. The work involves approximately 1,100 cubic yards of structure excavation; 465 cubic yards Class A Portland cement concrete; 68,000 pounds bar reinforcing steel, and other items.

SAFETY CONFERENCE TO MEET IN JUNE

Plans for the Western Safety Conference, which will be held in the Exposition Auditorium in San Francisco June 11, 12 and 13, are progressing rapidly under direction of Governor Merriam's Accident Prevention Committee.

Attending the conference will be representatives from the National Safety Council in Chicago, the U. S. Department of Labor, and of the various western states. Plans for a permanent Western Safety Conference and for state-wide and community safety councils will be presented.

:ODE CHAIRMEN OF ARCHITECTS, NGINEERS NAMED

uthority Selecting Administrative Committees in Expectation of Chapter Approval

Pending approval of the division-chapters for Architects and Enneers, and the establishment of visional code authorities thereider, the Construction Code Auority has authorized the appointent of administrative committees r these two branches of the inistry. So far, only the chairmen ave been appointed.

William Stanley Parker of Bosn, a member of Sturgis Associ'es, has been named chairman of ie architects committee, and Carln S. Proctor, of Moran & Procr, New York City, is chairman the professional engineers comittee. The appointees are chairen of the respective code comittees sponsoring the proposed lvisional chapters.

Under the provisions of the Conruction Code, the Construction ode Authority is authorized to adinister the code in any branch of ie industry for which no divisioni code authority shall have been stablished. Until their divisional hapters are approved, the archiects and professional engineers re subject only to the provisions f Chapter I, or the general provions of the code. The administrative committees will serve as dvisors in the interests of their articular groups, or perform such dministrative duties as may be elegated by the Construction Code uthority.

VASHINGTON PLANS $500,000 BUILDINGS

Plans and specifications for new uildings and improvements to cost 500,000 at four Washington state nstitutions have been ordered by laf L. Olson, director of finance, n authorization of Governor Marin. Application for federal funds o assist in financing the work will e made. The remainder of the ecessary funds will be provided rom a $3,640,000 appropriation for onstruction at state schools and nstitutions approved by the 1935 egislature.

Work for which plans are underway includes an extension of the nmate kitchen and dining room t Walla Walla state prison, a new nale ward building at Medical Lake hospital, a new kitchen, dinng room and male ward building t Steilacoom and a dormitory for he primary department, boiler ouse and stack at the Vancouver lind schools.

Building material prices reached a new low for the year in the first week of April, the U. S. Bureau of Labor statistics reports. The index reached 84.3, dropping from 84.9 the week previous. The index a year ago was 86.7.

Rural Districts Exempt From NRA Wage Agreements

Area wage and working condition agreements now effective for the Plastering Industry and the Painting, paperhanging and Decorating Industry in California do not apply to rural districts, states a bulletin from the Construction Code Authority.

The agreements do apply to the metropolitan districts of San Francisco-Oakland, Los Angeles, Sacramento, San Diego, San Jose and all cities of 10,000 population or more, as shown by the fifteenth census of the United States, and the territory within three miles of the corporate limits of said cities.

In portions of the state not included within these limits there is no skilled wage rate regulation applicable for the Painting and Paperhanging Industry. In the same area, however, the Plastering Industry is governed by the wage rates established in the Plastering and Lathing Chapter of the Construction Code. These rates are $1.10 an hour for plasterers and lathers, $1.60 for modelers, $1.10 for model makers, $1.00 for caster, $.70 for plasterers' laborers.

$2,000 Limit on Unsupervised School Building Approved

The Assembly Committee on Building and Construction has approved amendment of the Field act to raise the limit on which repairs and additions to school buildings may be made without approval of the State Division of Architecture from $1000 to $2000.

The committee rejected an amendment proposing a Bureau of Schoolhouse Engineering within the Division of Architecture and an Engineering Advisory Board. The two agencies would have worked to enforce regulations governing school construction.

BERKELEY LAYING 13 MILES OF CURB

Berkeley property owners have ordered 68,113 lineal feet of concrete curb installed since the city commenced construction of curbs with Sera labor at a cost to owners of the materials and supervision only. City Manager Hollis Tompson reporting to the city council this week stated 72 percent of the work ordered had been completed to date, or 52,600 feet. The cost to property is 35 cents a foot and $23,839.55 has been paid by owners ordering curbing. The project is supervised by City Engineer Harry Goodridge.

MARCH PAYROLL OF CONTRACTORS INCREASED 3.7%

Allied Industries Report Benefit From Improved Building Activity

March employment in the private building construction industry showed a gain of 3.2 per cent over February, according to data compiled by the Bureau of Labor Statistics of the U. S. Department of Labor. Payrolls gained 3.7 percent in the same period.

These figures are based on reports from 10,404 contractors employing 68,461 workers during the month.

As compared with March 1934, employment in building construction increased 4.1 percent and payrolls 7.3 percent.

General gains from February to March were shown in the manufacturing industries, employment being 1.5 percent greater and payrolls up 2.5 percent. March is the fourth successive month in which reports to the bureau have shown gains in factory employment and payrolls.

The cement industry employed 9.9 percent more workers in March than in the preceding month, with payrolls showing a gain of 13.3 per cent. Brick, tile and terra cotta industry employment increased 7.4 percent and payrolls 8.3 percent.

Employment in the manufacture of lumber and allied products gained 2.4 percent and payrolls 4.3 per cent from February to March. Paint and varnish manufacturers employed 2 percent more workers and their payrolls increased 3 per cent.

Structural and ornamental iron work employment was up 3.4 per cent and payrolls 4 percent. Employment in the manufacture of plumbers' supplies gained 3.1 per cent and payrolls increased 4.5 per cent.

O'SHAUGHNESSY BONDS GET $197,338 PREMIUM

A premium of $197,338 paid for San Francisco's $3,325,000 bond issue to raise O'Shaughnessy Dam will aid in financing this project in the city's PWA program. The premium paid by successful bidders for the issue can be added to the construction fund, according to attorneys.

The sale results in an actual financing cost of 3.23 percent a year, very close to the record low of 2.90 per cent at which a block of water distribution bonds were marketed several weeks ago.

Contract for the dam construction has been awarded Transbay Construction Company which shortly will open field offices at Mather, Tuolumne County, and notice to proceed is expected by the contractor immediately from the Public Utilities Commission.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
393	Nash	Mills	3500
394	Giocondi	Blincoe	3000
395	Allen	Bienfield	12000
396	Union	Owner	5000
397	Gallagher	Owner	3000
398	Stuart	Owner	6000
399	Sekara	Owner	4500
400	Gilmon	Owner	1500
401	First	Owner	15000
402	Wilkins	Stotzer	1600
403	Horn	Owner	3500
404	Horn	Owner	3000
405	Horn	Owner	3000
406	Horn	Owner	3500
407	Schmidt	Mattock	12000
408	Anderson	Owner	3200
409	American	Golden	1000
410	American	Golden	1000
411	Besio	Owner	4000
412	Besio	Owner	4000
413	Renner	McCarthy	7000
414	Ferrari	Owner	9500
415	Klenck	——	5000
416	Richfield	Early	3500
417	Bell	Voelker	1000
418	Mohr	Mollach	1174
419	Standard	Lindgren	9000

ALTERATIONS
(393) NW SUTTER AND VAN NESS Ave. Alter auto sales building.
Owner—Nash Auto Car Co., Washington and Van Ness Ave.
Architect—Ed. Musson Sharpe, 525 Market St., San Francisco.
Contractor—Mills Constr. Co., Russ Bldg., San Francisco. $3500

DWELLING
(394) SE SAN JOSE AVE. 167 NE Ocean Ave. One-story and basement frame dwelling.
Owner—Harry M. Giocondi, % Contractor.
Architect—Not Given.
Contractor—C. O. Blincoe, 2003 15th Ave., San Francisco. $3000

DWELLING
(395) S EL CAMINO DEL MAR 120 E Lake St. Two-story and basement frame dwelling.
Owner—Harry B. Allen, 290 Sea Cliff Ave., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco. $12,000

STATION
(396) NE BUCHANAN AND MARket Sts. Steel service station.
Owner—Union Oil Co., Mills Bldg., San Francisco.
Plans by Engineering Dept. of Owner. $5000

ALTERATIONS
(397) 756 BAY ST.; alter dwelling.
Owner—Elena M. Gallagher, 2027 Hyde Street.
Architect—Not Given. $3,000

ALTERATIONS
(398) 215 BAY ST.; alter factory.
Owner—Stuart Oxygen Co., 211 Bay.
Engineer—Ellison & Russell, 712 Pacific Bldg. $6,000

FLATS
(399) W CHURCH 51 S Jersey; two-story and basement frame flats.
Owner—Freda Sekara, 156 Duncan.
Architect—Not Given. $4,500

ALTERATIONS
(400) 465 14th AVE.; alter dwelling.
Owner—R. W. Gilmon and Virginia Pierce, 252-A 8th Ave.
Architect—Not Given. $1,500

ALTERATIONS
(401) NE VALENCIA and Clinton Park; alter lodge rooms.
Owner—First Serbian Benevolent Society, care architect.
Architect—Dodge Riedy, 821 Market Street. $15,000

ALTERATIONS
(402) NO. 425 EIGHTH AVE. Alter apartments.
Owner — Ernest Dilkins, 3306 California St., San Francisco.
Architect—Not Given.
Contractor — Fred A. Stotzer, 6625 California St. $1600

DWELLING
(403) W FOURTEENTH AVE. 90 S Judah St. One-story and basement frame dwelling.
Owner—Jesse Horn, 4708 Mission St., San Francisco.
Architect—Not Given. $3500

DWELLING
(404) W FOURTEENTH AVE. 30 S Judah St. One-story and basement frame dwelling.
Owner—Jesse Horn, 4708 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(405) W FOURTEENTH AVE. 60 S Judah St. One-story and base-
Owner—Jesse Horn, 4708 Mission St., San Francisco.
Architect—Not Given. $3000

DWELLING
(406) SW FOURTEENTH AVE & Judah St. One-story and basement frame dwelling.
Owner—Jesse Horn, 4708 Mission St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(407) NE SECOND AND BRYANT Sts. Alter warehouse.
Owner—Schmidt Lithograph Co., NE Second and Bryant Sts.
Engineer—Jesse Rosewald, 525 Market St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco. $12,000

DWELLING
(408) W SEVENTEENTH AVE. 100 N Noriega St. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given. $3200

ALTERATIONS
(409) W PIERCE SE., bet. Fell and Oak Sts. Alter apartments.
Owner — American Trust Co., Trust Dept., 464 California St., S. F.
Architect—Not Given.
Contractor—Golden Gate Roofing Co. 1867 15th St. $1000

ALTERATIONS
(410) E PIERCE ST., bet. Fell and Oak Sts. Alter apartments.
Owner—American Trust Co., Trust Dept., 464 California St., S. F.
Architect—Not Given.
Contractor—Golden Gate Roofing Co., 1867 15th St. $1000

DWELLING
(411) NE MONETA WAY AND FARragut St. One- story and basement frame dwelling.
Owner—Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given. $4000

DWELLING
(412) NE FARRAGUT AND ALEmany St. One-story and basement frame dwelling.
Owner — Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given. $4000

FLATS
(413) W DOLORES ST 33 N Jersey St. Two-story and basement frame flats.
Owner—C. Renner, % Contractor.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., S. F. $7000

FLATS
(414) S JEFFERSON ST. 235 W Webster St. Two-story and basement frame flats.
Owner—John Ferrari, % J. Del Favero, 666 Mission St., S. F.
Architect—Not Given. $9500

ALTERATIONS
(415) N FOLSOM ST. 125 E Sixth St. Alter sheet metal works.
Owner—H. D. Stirm and H. R. Klenck 980 Folsom St., San Francisco.
Architect—Not Selected.
Contractor—Not Selected. $5000

STATION
(416) SE LEAVENWORTH AND McAllister Sts. Steel service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Engineer—Owner.
Contractor—Fred J. Early, 369 Pine St., San Francisco. $3500

ALTERATIONS
(417) 476 TURK ST. Alter store.
Owner—John J. and Thomas F. Bell, Mills Bldg., San Francisco.
Engineer—Safeway Stores Co., Oakland.
Contractor—Henry Voelker, % Owner $1000

ALTERATIONS
(418) NO. 879 MISSION ST. Alter store.
Owner—Selby and Henry R. Mohr, 883 Mission St., San Francisco.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Contractor—J. C. Malloch, 666 Mission St., S. F. $1174

ALTERATIONS
(419) NO. 225 BUSH ST. Alter offices.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Architect—Geo. Kelham, 315 Montgomery St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $9000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
243	Anderson	Owner	5000
244	Southern Pacific	Owner	1100
245	Pond	Haulman	3000
246	Carlson	Lyons	30000
247	Hanson	Owner	2400
248	Ronpage	Owner	7500
249	Leekins	Owner	4000
250	Keeler	Baker	2131
251	Oppenheimer	Kelly	7000
252	Arolla	Valente	3400
253	Fair	Stolte	1400

254	Ayden	Beckett	4500
255	Syndicate	Windsor	2800
256	Union	Early	4000
No.	Owner	Contractor	Amt.
257	Southerland	Armstrong	8900
258	Shelby	Motroni	1395
259	Douglass	Owner	5000

DWELLING
(243) NO. 1132 LONGRIDGE ROAD, **OAKLAND.** One-story six-room dwelling.
Owner — Chas. Anderson, 3917 Park Blvd., Oakland.
Architect—Not Given. $5000

SHED
(244) S SEVENTH ST. 500 W Bay St., **OAKLAND.** One-story tool shed.
Owner—Southern Pacific Co., Oakland Pier.
Architect—Not Given. $1100

DWELLING
(245) NO. 1121 BUENA VISTA AVE. **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—The Jessie P. Pond Co., 1536 Webster St., Alameda.
Plans by Paul Anderson, 1652 15th Ave., Oakland.
Contractor—P. Royal Haulman, 1325 Broadway, Alameda. $3000

RESIDENCE
(246) NO. 12 MARLBOROUGH CT., **PIEDMONT.** Two-story 19-room frame residence and garage.
Owner—Mr. and Mrs. A. W. Carlson, 5301 Broadway, Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor—W. E. Lyons Constr. Co., 2009 Pacific Ave., Alameda. $30,000

DWELLING
(247) 1780 SPRUCE ST., **BERKELEY;** one-story four-room frame dwelling.
Owner and Builder — H. A. Hanson, 2505 Virginia St., Berkeley.
Architect—Not Given. $2400

STORE
(248) 101 FIRST AVE., **OAKLAND;** one-story store.
Owner and Contractor—Nettie Webb Ronpage, 135 E. 14th St., Oakland.
Architect—A. H. Memmler. $7500

DWELLING
(249) 3258 FLORIDA ST., **OAKLAND;** one-story 6-room dwelling.
Owner and Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(250) NO. 571 THIRTY-EIGHTH ST. **OAKLAND.** Alterations and one-story garage.
Owner—A. L. Keeler, 697 32nd Street, Oakland.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ramsome Ave., Oakland. $2131

STORE
(251) NO. 362 GRAND AVE., **OAKLAND.** One-story concrete store
Owner—A. E. Oppenheimer, Prem.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—Kelly & Tullock, 335 8th St., San Francisco. $7000

DWELLING
(252) NO. 5425 CLAREMONT AVE. **OAKLAND.** One-story four-room dwelling.
Owner—John Arolla, Prem.
Architect—Not Given.
Contractor—M. E. Valente, 5118 Clark St., Oakland. $3400

ALTERATIONS
(253) NO. 29 GLEN ALPINE ROAD, **PIEDMONT.** Alterations.
Owner—Harry H. Fair, Prem.
Architect—Houghton Sawyer, Howard Bldg., Oakland.
Contractor—F. C. Stolte Co., 3455 Laguna St., Oakland, $1400

RESIDENCE
(254) NO. 45 SYLVAN WAY, **PIEDMONT.** One-story 6-room frame residence and garage.
Owner—Walter Ayden, Premises.
Architect—Ray Keefer, 770 Wesley St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave. $4500

DWELLING
(255) NO. 301 TAURUS AVENUE, **OAKLAND.** One-story five-room dwelling and garage.
Owner — Syndicate Merrlewood Co., 1401 Broadway, Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $2800

STATION
(256) NO. 3943 BROADWAY, **OAKLAND.** One-story steel service station.
Owner—Union Service Station, Inc., Los Angeles.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $4000

DWELLING
(257) NO. 6000 ACACIA AVENUE, **OAKLAND.** Two-story 8-room dwelling.
Owner—Dr. Robt. Southerland, Prem.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $8900

ALTERATIONS
(258) 961-3-5-7 THIRTY-EIGHTH St. **OAKLAND.** Alterations.
Owner—Geo. C. Shelby, 961 38th St., Oakland.
Architect—Not Given.
Contractor—J. G. Motroni, Box 537 Woodland. $1395

DWELLING
(259) NO. 462 SPRUCE ST., **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—N. B. Douglass, 28 Domingo Ave., Berkeley.
Architect—L. H. Ford, 2022 Berkeley Way, Berkeley. $5500

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

88	Vigli	Murer	7213
89	Bottarini	Del Carlo	4300
90	Mohr	Malloch	1174

DWELLING
(88) N BROADWAY 46-3 E Hyde St. All work for two-story and basement and sub-basement dwelling.
Owner—Joseph Vigli, 3110 Laguna St. San Francisco.
Architect—Not Given.
Contractor — L. Murer, 1274 Quesada St., San Francisco.
Filed April 29, '35. Dated Apr. 19, '35.
1st floor up $1252.75
Roof on 1352.00
Brown coat plaster on..... 1352.00
When completed 1352.00
Usual 35 days..... 1804.25
TOTAL COST, $7213.00
Bond, $3606.50. Sureties, Domenic Trevisan and Adrian Ramazzotti. Limit, August 19, 1935. Forfeit, none. Plans and specifications filed.

DWELLING
(89) NE EXCELSIOR AVE. 25 NW London St. All work for one-story and basement frame dwlg
Owner—Louis and Teresa Bottarini, 1771 Filbert St., San Francisco.
Architect—Not Given.
Contractor—Lorenzo Del Carlo.
Filed May 1, '35. Dated, ——.
Roof on $1075
Finish plaster completed 1075
When completed 1075
Usual 35 days..... 1075
TOTAL COST, $1300
Bond, $2150. Sureties, Lorenzoda San Martino and Oreste Toschi. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(90) NO. 879 MISSION ST. Carpenter, mill, electric, iron work, glass and glazing, painting, etc., for alterations to store building.
Owner—Selby and Henry R. Mohr, 883 Mission St., San Francisco.
Architect — Reaing & McGuinness, 488 Pine St., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.
Filed May 1, '35. Dated Apr. 29, '35.
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $1174
Bond, none. Limit, 22 working days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

22	Morgan	Lund	2956

RESIDENCE
(22) ROCKAWAY LANE, Hayward. All work for residence.
Owner—Mr. and Mrs. Russell Morgan, Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—Geo. Lund, 21696 Montgomery Ave., Hayward.
Filed Apr. 27, '35. Dated Apr. 26, '35.
5th days after roof completed ..$750
5th day after plastering..... 750
5th day after completion..... 750
Usual 35 days..... 706
TOTAL COST, $2956
Bond, $2956. Surety, Coast Surety Corp. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(23) E-FOURTEENTH ST. AND First Ave., Oakland. All work for store building.
Owner—Nettie Webb Ronpage.
Architect—Arthur H. Hemmler.
Contractor — Albert A. Haskell, 255 Ridgeway Ave., Oakland.
Filed May 1, '35. Dated April 26, '35.
30th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6056.82
Bond, $6056.82. Surety, Albert Haskell and Fred Schmits. Limit, July 30, 1935 Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

MOVE electric sign, $25; 952 Cole St. owner, Droubie Delicatessen, 952 Cole St.; contractor, Laib, 7th and Folsom Sts.

GARAGE, private frame, $400; 1045 Vallejo St.; owner, Herbert D. Walter, 1045 Vallejo St.

SIGN, electric, $100; 3319 Sacramento St.; owner, Bimbo Tavern, Prem. contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

BILLBOARD, $6.25; Bayshore and Army St., opp Southerly end of Potrero Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Banks
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Preparing Working Drawings.
APARTMENTS Cost, $16,000
SAN FRANCISCO. Sunset District.
Three-story and basement frame and stucco apartments (four 4-room apts.) tile and composition roofing, steel sash, canvas walls, tile baths, hardwood floors, electric refrigeration, etc.
Owner—Withheld.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Preparing Preliminary Plans.
APARTMENTS Cost, $——
SAN FRANCISCO. Marina District.
Two three-story and basement frame and stucco apartments (42 rooms each) tar and gravel roof, canvas walls, steel sash, tile baths, hardwood floors, electric refrigeration, etc.
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Preparing Plans.
APARTMENTS Cost, $——
SAN FRANCISCO. Marina District.
Three-story and basement frame and stucco apartments (four 4-room apts.) tile and composition roofing, steel sash, canvas walls, tile baths, hardwood floors, electric refrigeration, etc.
Owner and Builder—Sbarboro & Jorgensen, 207 Walnut St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1,600
SAN FRANCISCO. 425 Eighth Ave.
Alterations to apartments.
Owner—Ernest Wilkins, 3306 California Street.
Architect—Not Given.
Contractor—Fred A. Stotzer, 6625 California Street.

3— CHURCHES

FIRE LOSS

REEDLEY, Fresno Co., Calif.—Fire destroyed the Mennonite Brethren Church located on 13th and L Sts., April 24. Damage estimated at $10,000.

Site Selected.
CHURCH Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Windsor and Pine Streets.
New church building.
Owner—Church of Christ, Santa Cruz
Architect—Not Selected.

Further details will be announced shortly.

Planned.
PARISH HALL Cost, $——
LONE PINE, Inyo Co., Cal.
New parish hall.
Owner—Trinity United Church.
Architect—Not Given.

Contract Awarded.
RECONSTRUCTION Cost, $60,000
CORVALLIS, Oregon.
Reconstruct church recently destroyed by fire.
Owner—First Methodist Church.
Architect—Not Given.
Contractor—Geo. Abraham, Corvallis.

4— FACTORIES & WAREHOUSES

To Be Done By Day's Work.
TOOL SHED Cost, $1,500
OAKLAND, Alameda Co., Calif. S 7th St. 500 W Bay.
One-story tool shed.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner. Work will be done by owner's own forces.

Steel Contract Awarded.
MILK PLANT Cost, $——
ORLAND, Glenn Co., Cal.
Two-story brick and steel milk dehydrating plant (62x102 ft.); steel stairways.
Owner—Golden State Creamery Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Constr. — E. W. Perkins, 425 Battery St., San Francisco.
Steel—Kyle & Co., Fresno.

To Be Done By Day's Work.
ALTERATIONS Cost, $6000
SAN FRANCISCO. 215 Bay Street.
Alterations to factory.
Owner—Stuart Oxygen Co., 211 Bay.
Engineers—Ellison & Russell, Pacific Building.

Plans Being Prepared.
ADDITION Cost, $——
SAN FRANCISCO. Folsom St. near Sixth Street.
Addition to factory (65x80 feet) probably steel construction.
Owner—Ferry Sheet Metal Works, 980 Folsom St., San Francisco.
Architect — W. H. Rowe, 216 Pine St., San Francisco.
Bids will be asked in about two weeks.

Sub-Contracts Awarded.
WAREHOUSE Cost, $50,000
OAKLAND, Alameda Co., Calif. 741 Seminary Avenue.
One-story brick warehouse.
Owner—Continental Can Co., 5601 San Leandro St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., 516 18th St., Oakland.
Fill—J. Catucci, 1212 18th Ave., Oakland.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Concrete—Melrose Building Materials Co., 4501 Tidewater Ave. ,Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Miscellaneous Iron—Judson Pacific Co. foot of Park Ave., Oakland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.

Sub-Contracts Awarded.
ADDITION Cost, $26,900
AMPERE, San Joaquin Co., Calif.
Wine storage cellar and bonded warehouse addn. to winery (reinforced concrete floors and walls, insulated asbestos roofing, etc.)
Owner—Bear Creek Vineyard Assn.
Architect—E. Ernst, 9 W. Cleveland Street, Stockton.
Contractor—Nelson & Wallace, Second and Coley Sts., Escalon.
Roofing—Noble H. Brown Roofing Co. 130 W Fremont, Stockton.
Sheet Metal—Lodi Plbg. & Htg. Co., Lodi.
Reinforcing Steel—Kyle & Co., West's Lane, Stockton.
Lumber—Valley Lbr. Co., Lodi.
Hardware—Turner Hardware & Implement Co., 24 North American St., Stockton.

Planned.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. N Folsom Street 125 E Sixth Street.
Alterations to sheet metal work.
Owner—H. D. Stirm and H. R. Klenck 980 Folsom Street.
Architect—Not Selected.

CONTRACT AWARDED

LOS ANGELES, Cal.—Wm. Simpson Constr. Co., 816 W. 5th Street, awarded contract for one-story warehouse to be built on Hawthorne Ave. for Max Factor. It will have 10,000 square feet of floor space and will be of reinforced concrete and brick construction, wood trusses, composition roofing, concrete floors, steel sash, skylights, fire doors, etc. Cost $25,000. S. Charles Lee, 2404 W. Seventh St., Architect.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $5000
SAN FRANCISCO. W Church St. 51 S Jersey.
Two-story and basement frame and stucco flats.
Owner—Freda Sekara, 156 Duncan St.
Architect—Not Given.

Preparing Working Drawings.
FLATS Cost, $10,000
SAN FRANCISCO. N Bay St. W Webster Street.
Two-story and basement frame and stucco flats (6 rooms and 2 baths) tile and composition roofing, canvas walls, steam heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Peder B. Johnson.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Preparing Working Drawings.
FLATS Cost, $11,500
SAN FRANCISCO. W Fillmore St. N Chestnut Street.
Two-story and basement frame and stucco residence (2 6-room flats) tar and gravel roof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Mrs. Rose Cincotta.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be asked in three weeks.

Preparing Working Drawings.
FLATS Cost, $10,000 each
SAN FRANCISCO. Richmond Dist.
Three two-story and basement frame and stucco flats (6 rooms, 2 baths each) tile and composition roof-

ings, canvas walls(wood sash, hardwood floors, tile baths, steam heating systems, etc.
Owner—Withheld.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—Selected (withheld).

Preparing Working Drawings.
FLATS Cost, $10,000
SAN FRANCISCO. E Fillmore St. S Jefferson Street.
Two-story and basement frame and stucco flats (2 6-room and 2 baths each) tile and composition roofing, canvas walls, steam heating system, wood sash, hardwood floors, tile baths, canvas walls, etc.
Owner & Builder—Ben Liebman, 1555 Francsco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. W Dolores St. 33 N Jersey St.
Two-story and basement frame and stucco flats (2 5-room flats) Pabco roofing, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—C. Renner, % Contractor.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.

Sub-Bids Being Taken.
RESIDENCE FLATS $12,000 each
SAN FRANCISCO. W Twenty-fifth Avenue N Fulton Street.
Five two-story and basement frame and stucco residence flats (2 6-room, 2 baths each); tile, shingle and composition roofs, steam heating plant, hardwood floors, tile baths, Venetian blinds, canvas walls and ceilings, social rooms, patios, etc.)
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Flats will be constructed on very wide lots

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. S Jefferson Street 235 W Webster.
Two - story and basement frame and stucco flats.
Owner and Builder—John Ferrari, % J. Del Favero, 666 Mission Street.
Architect—Not Given.

Sub-Bids Being Taken.
FLATS Cost, $4000 each
SAN FRANCISCO. W Rosemont St. N Fourteenth Street.
Two two-story and basement frame and stucco flats (2 4-room and 2 5-room flats) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, tile baths, etc.
Owner and Builder — G. Carraro, 750 Felton St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Plans Being Prepared.
FLATS Cost, $10,000 each
SAN FRANCISCO. Marina District.
Three two-story and basement frame and stucco flats (tile and composition roofs, steel sash, canvas walls, tile baths, electric refrigeration, etc.)
Owner and Builder—Sbarboro & Jorgensen, 207 Walnut St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. Santa Clara and San Pedro Sts.
Super-service station (steel and brick construction).
Owner—Baumgartner Bros., 147 West Santa Clara St., San Jose.
Architect — Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. NW Sutter Street and Van Ness Ave.
Alterations to auto sales building.
Owner—Nash Motor Car Co., Washington St. and Van Ness Ave.
Architect — Ed. Musson Sharpe, 525 Market Street.
Contractor—Mills Construction Co., Russ Bldg.

Plans Completed.
SERVICE STATION Cost, $6,000
SAN FRANCISCO. NE Buchanan & Market Streets.
Steel Service Station.
Owner—Union Oil Co., Mills Bldg.
Plans by Engineering Dept. of Owner.

Plans Being Figured.
ALTER STATION Cost, $——
SANTA ROSA, Sonoma Co., Cal. Johnson and Mendocino Sts.
Alterations to service station (electrical work, plumbing, painting, etc.)
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Owner Taking Bids.
GARAGE & SERVICE STATION Cost $——
SAN FRANCISCO. W Alemany Blvd 140 S Geneva Avenue.
One - story Class C reinforced concrete public garage (45x60-ft.) and one-story reinforced concrete service station (40x22-ft.)
Owner—C. Restani, 798 Geneva Ave.
Engineer—Jas. M. Smith, 251 Kearny Street.
Bids are being taken by the owner on concrete, lumber and steel.

Plans Being Figured.
ALTER STATION Cost, $——
PETALUMA, Sonoma Co., Calif.
Alterations to service station (electrical work, plumbing, painting)
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 3901 J Street.
New service station.
Owner—Standard Oil Co., 10th and J Streets, Sacramento.
Plans by Engineering Dept. of Owner.
Contractor — Gas Station Equipment Co., Premises.

Contract Awarded.
SERVICE STATION Cost, $2511
FRESNO, Fresno Co., Cal. Wilson & Olive Avenues.
Service Station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. F. Cowan, 433 Roosevelt St., Fresno.

To Ask Bids In One Week.
SERVICE STATION Cost, $——
ALAMEDA, Alameda Co., Cal. Webster and Buena Vista Avenue.
One-story steel and brick service station.
Owner—General Petroleum Corp. Port Terminal, Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $7000
DALY CITY, San Mateo Co., Calif.
Steel service station.
Owner—Mr. Concl.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $6,000
CLOVERDALE, Sonoma Co., Calif.
Frame and stucco service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $7,000
SAN JOSE, Santa Clara Co., Calif.
Steel service station.
Owner—Mr. McDaniels.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $9,500
OAKLAND, Alameda Co., Cal. Trestle Glen and Lakeshore Blvd.
Steel service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2943 Broadway.
One-story steel service station.
Owner—Union Service Stations, Inc.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early Jr., 366 40th St., Oakland.

Concrete Contract Awarded.
SERVICE STATION Cost, $7000
SAN FRANCISCO. NE Fell St. and Masonic Avenue.
Class A steel service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Concrete — Grant & Martinelli, 666 Mission St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO. SE Leavenworth and McAllister Streets.
Steel service station.
Owner—Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Owner.
Contractor—Fred. J. Early, 369 Pine.

Contracts Awarded.
ALTER STATION Cost, $——
PETALUMA, Sonoma Co., Calif.
Alterations to service station (electrical work, plumbing, painting)
Owner—Standard Oil Co. 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Concrete—Walter Singleton, 531 4th St., Petaluma.
Piping—Ray Kynoch, 218 English St., Petaluma.
Wiring—Baugh & Liddle, 15 Western St., Petaluma.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
LOS ANGELES, Cal.—Geo. Fensky Company, 761 Tehama St., San Francisco, at $3550 awarded contract by Post Office Department for furni-

ture and screenline equipment for the Station C Post Office, Los Angeles.

Contract Awarded.
POST OFFICE Cont. Price, $51,600
KELSO, Washington.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Hoffman Constr. Co., 715 SW Columbia St., Portland.

BIDS WANTED
PORTLAND, Ore.—Until June 4th, 2:30 P. M., bids will be received by the Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing alterations to the elevator and Building No. 4, at the Veterans Administration Facility at Portland.

Separate bids will be received as follows:
(a) general construction, including the plumbing, heating and electrical work;
(b) electric elevator.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Cal. No deposit required.

LOW BIDDER
GRASS VALLEY, Nevada Co., Cal. —Lloyd S. Weeks, 222 Mill St., Grass Valley, submitted low bid to Postmaster, Grass Valley, for the placing of wall hydrants and other attendant plumbing necessities at the Grass Valley Post Office.

CONTRACT AWARDED
LOS ANGELES, Cal.—Geo. Fensky, 761 Tehama Street, San Francisco, at $1,975 awarded contract by the Post Office Department for furniture for the Station C Post Office at Los Angeles.

CONTRACT AWARDED
LOS ANGELES, Cal.—John E. Sjostrom Co., at $774 awarded contract by Post Office Department for furnishing wooden pigeon hole nests and cabinets for the U. S. Post Office Station C, Los Angeles.

CONTRACT AWARDED
LOS ANGELES, Cal.—John E. Sjostrom Co., at $25.90 each awarded the contract by Post Office Department for furnishing 117 routing cases and tables for the Station C Post Office at Los Angeles. Proposal No. 1996.

CONTRACT AWARDED
LANCASTER, Los Angeles Co., Cal. —George Fensky & Co., 761 Tehama St., San Francisco, at $300 awarded contract by Post Office Department for wooden pigeon hole nests and cabinet for the post office at Lancaster. Proposal No. 1967.

BIDS WANTED
SAN DIEGO, Cal.—Until May 7, 11 A. M., bids will be received by the Public Works Department, 11th Naval District, San Diego, for heating system repairs at the Naval Operating Base (Supply Depot), San Diego; Spec. 7921. The work consists of the enlarging of an existing concrete manhole, the removal of an existing condensate return receiving tank and existing indicated piping, and the provision of new tank, piping and appurtenances to replace the parts removed. Bidding data may be obtained from the district in San Diego upon deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks.

BIDS WANTED
MARE ISLAND, Cal.—Until May 22, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing necessary apparatus to equip four boilers, Nos. 11 to 14 inclusive, to natural gas operation and for furnishing (but not installing) the necessary apparatus to equip two boilers, Nos. 9 and 10 for natural gas operation, all in the Central Power Plant, Building No. 121 at the U. S. Navy Yard, Mare Island. Specification No. 7920.

Plans and specifications may be obtained from above office and from the Chief of the Bureau of Yards and Docks, Washington, D. C., upon deposit of $5.00.

BIDS WANTED
GRAND COULEE DAM, Wash.—Until May 25, 10 A. M., bids will be received by U. S. Bureau of Reclamation, Coulee Dam, for the construction of a garage and fire station at Grand Coulee Dam, Columbia Basin Project, Wash.

The work is located about 22 miles northwest of Almira, Wash.

The garage and fire station will be a one-story building, approximately 70x121 feet in size. The outside walls will be of reinforced concrete or brick. The inside partitions will be of timber construction covered with portland cement plaster over metal lath. The roof will be of timber construction supported on structural steel trusses placed 15 feet on centers. The roof will be covered with built-up roofing. The floors will be concrete. The schedule provides for lump sum bids for the construction of the building except excavation, compacted backfill, and concrete and for unit prices per cubic yard for excavation, compacted backfill and concrete. The installation of plumbing and electrical facilities will be included in the lump sum price bid for the construction of the building.

Plans and specifications may be obtained from the above office and from the Bureau of Reclamation at Washington, D. C., Denver, Colo, and Almira, Wash No deposit required for plans Specification No. 624.

On previous bid opening lowest bid was submitted by Clark & Earley, White Bldg., Seattle, at $24,264.

BIDS WANTED
AMERICAN LAKE, Wash. — Until June 4, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing transformer station and transmission line at the Veterans Administration Facility, American Lake, Washington.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto. No deposit required for plans.

Contract Awarded.
POST OFFICE Cont. Price, $33,830
SEBASTOPOL, Sonoma Co., Calif.
One-story post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—Robt. McCarthy, 1363 14th Ave., San Francisco.

Bids Rejected.
POST OFFICE Cost, $56,100
NORTH HOLLYWOOD, Los Angeles County, Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
On bid opening lowest bid was submitted by Robert E. McKee, 108 West 6th St., Los Angeles, at $44,700.

Contract Awarded.
DORMITORY Cont. Price, $82,137
ALMIRA, Wash. (22 miles northwest of Almira).
One and one-half-story L-shaped dormitory building (35x112 ft.) wing 35x25 feet; concrete foundations, wood frame walls, sheathing and siding exterior, wood shingle roof, etc.
Owner—United States Government.
Plans by the Engineering Department of the Bureau of Reclamation, Almira.
Contractor—Ryberg & McCaul, Seattle.

Bids Wanted—To Close May 31, 1 P.M.
CUSTOMS HOUSE Cost, $870,000
DENVER, Colorado.
United States customs house.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Wahsington, D.C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

Contract Awarded.
POST OFFICE Cont. Price, $150,730
HOLLYWOOD, Los Angeles Co., Cal.
NW Wilcox and Selma Avenues.
Two - story and basement post office (196x115 feet) reinforced concrete walls, concrete exterior, waste mould work, columns and beams, wood roof joists, wood and steel sash, cast and wrought iron work, metal clad doors, freight elevator, marble wainscot, terrazzo floors in lobby, wood strip floors in the work rooms, two vaults, special lighting fixtures, steam heat, water heater, skylights, metal stairs.
Owner—United States Government.
Architect—Claude Beelman, 1019 Union Bank Bldg., and Allison & Allison, 1014 Edison Bldg., Los Angeles.
Contractor—K. E. Parker Co., 135 So. Park St., San Francisco.

Contract Awarded.
POST OFFICE Cont. Price, 40,700
WINSLOW, Arizona.
One-story and basement Post Office Building (83x55 feet); concrete foundation and floors, brick walls stucco exterior, composition roof, steel and wood sash, cast stone, cork carpet, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Robert E. McKee, El Paso Texas.

Contract Awarded.
POST OFFICE Cont. Price, $47,700
KINGMAN, Arizona.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Robert E. McKee, El Paso, Texas.

BIDS REJECTED
SAN FRANCISCO — Constructing Quartermaster, Fort Mason, has rejected all bids for alterations and additions to the lodge building at the San Francisco National Cemetery, Presidio. On bid opening lowest bid was submitted by Roy Lind, 54 Stanton St., at $870.

Whether new bids will be asked or not is not determined at this time.

BIDS WANTED
SAN DIEGO, Cal.—Until May 7, 11 A. M., bids will be received by Public Works Officer, Eleventh Naval Dist., Foot of Broadway, San Diego, for removal of dolphins at the Marine Rail-

way at the Naval Operating Base (Destroyer Base), San Diego. Specification No. 7929.

Work consists of removal of three existing timber pile dolphins. One dolphin is 20-pile and two dolphins are 12-pile each. Piles shall be pulled and the removed materials, unless otherwise permitted, shall be disposed of on the station.

Bidding data may be obtained from above office upon deposit of $10.

8— CLUB BUILDING

Plans Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. NE Valencia and Clinton Park.
Alterations to lodge rooms.
Owner—First Serbian Benevolent Society.
Architect—Dodge Riedy, 821 Market.

Plans Being Prepared.
CLUB HOUSE, ETC. Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
Construct new swimming pool and club house at McKinley Park.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Bldg., and Starks and Flanders, Bank of America Bldg., Sacramento.
Plans will not be completed for 60 days.

Plans Being Figured—Bids Close May 7, 5 P. M.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. NE Valencia and Clinton Park.
Alterations to lodge rooms.
Owner—First Serbian Benevolent Society.
Architect—Dodge Riedy, 821 Market St., San Francisco.

Planned.
CLUBHOUSE Cost, $——
SANTA ROSA, Sonoma Co., Calif.
One-story frame clubhouse.
Owner — Santa Rosa Post American Legion.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Application will be filed with SERA to furnish labor.

Preliminary Plans Completed.
ADDITION Cost, $——
OAKLAND, Alameda Co., Cal. Lakeside Park.
Addition to lawn bowling club house (add additional rooms, re-arranging interior, etc.)
Owner—City of Oakland.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Preliminary plans have been sent to the Park Commission, Oakland, for approval.

Preparing Sketches.
LODGE Cost, $15,000
PITTSBURG, Contra Costa Co., Cal. Cumberland Street between 9th and 10th.
Two-story frame and stucco lodge building (tile roof, probably gas hot air heating system, etc.
Owner—Pittsburg Lodge of Elks (Judge E. P. Jackson, president).
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

To Be Done By Day's Work.
CLUBHOUSE Cost, $4000
SEBASTOPOL, Sonoma Co., Cal. Leland Street.
One-story frame clubhouse (rustic exterior).
Owner—Sebastopol Post of American Legion (Dr. A. C. Sweetman, in charge), Sebastopol.
Architect—Not Given.

Work will be done by day's labor by the Legionaires.
A manager of Construction will be named at a later date.

Prospective Bidders.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. NE Valencia and Clinton Park.
Alterations to lodge rooms.
Owner—First Serbian Benevolent Society.
Architect — Dodge Riedy, 821 Market St., San Francisco.
Following have procured plans.
Bids open May 7, 5 P. M.
Monson Bros., 475 Sixth St.
J. Harold Johnson, 639 Brannan St.
Miller & McGillis, 527 19th Avenue.
M. E. Vukicevich, 666 Mission St.
J. Martinelli, 666 Mission Street.

9— HOSPITALS

Contracts Awarded.
ADDITION Cost, $80,000
FAIRBANKS, Alaska.
Three-story and basement reinforced concrete addition to St. Joseph's Hospital (70x44 ft.) built-up roofing, exterior walls surfaced with shingles, etc.) will contain 32 rooms and other quarters.
Owner—Sisters of Charity, House of Providence.
Architect—John W. Maloney, Larson Bldg., Yakima.
Contractor—Warrack Const. Co., McDowall Bldg., Seattle.
Plumbing and Heating—Smith Courtney Co., Inc., 1409 7th Ave., Seattle.

BIDS WANTED
SAN RAFAEL, Marin Co., Calif.—Until May 14, 11 A. M., bids will be received by George S. Jones, Board of Supervisors, San Rafael, for materials to be used in the construction of an addition to the Marin County Tuberculosis Hospital.
Following materials are wanted:
(1) lumber and mill work;
(2) roofing materials;
(3) cement and concrete;
(4) hardware;
(5) plumbing;
(6) sheet metal;
(7) paint;
(8) electrical supplies.
Specifications may be obtained from above office.

PLANNED
SANTA MARIA, Santa Barbara Co., Cal.—Santa Barbara county budget for the next fiscal year will probably include an item of $40,000 with which to finance the construction of an addition to the Santa Barbara County hospital in Santa Maria.

PLANNED
VENTURA, Ventura Co., Calif.—Architect Harold E. Burket, 455 East Main St., Ventura, has been instructed by the Ventura county supervisors to prepare plans and cost estimates of an isolation wing to be added to Ventura county hospital. The project will probably be financed with an excepted excess in the general fund, which will amount to approximately $50,000.

10— HOTELS

To Be Done By Day's Work.
ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Calif. 120 South Eldorado Street.
Interior alterations in Lincoln Hotel (new cocktail lounge, painting, decorating, furnishing, etc.)
Owner—Hoover Hotel Co. (Will Conway, Mgr.) De Anza Hotel, San Jose.

General Contract Awarded.
ALTER HOTEL Cost, $——
MODESTO, Stanislaus Co., Calif. 604 Ninth Street.
Remodel Europa Hotel (work involves painting, decorating, etc.)
Owner—Jack Gilligan.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Ira Gotner, Rte 4, Box 1209, Modesto, $5,000.
Heating and painting bids held under advisement for a few days.

Plans Being Completed.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Material bids will be asked in about two weeks by the city. Labor will be furnished by the SERA.

Plans Being Prepared.
ALTERATIONS Cost, $——
ROSS, Marin County, Cal.
Alterations and additions to fire house add bedroom, etc.)
Owner—Town of Ross.
Architect—S. Helman, 605 Market St., San Francisco.
Bids will be asked in about ten days

11—ICE & COLD STORAGE PLANTS

Contract Awarded.
ALTERATIONS Cost, $2000
RICHMOND, Contra Costa Co., Cal. No. 5 Macdonald Avenue.
Alterations to ice sales plant.
Owner—Pacific Ice Company.
Architect—Not Given.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.

12— POWER PLANTS

BIDS OPENED
MARE ISLAND, Calif. — American Electric Const. Co., 462 Bryant Street San Francisco, at $3,797 submitted the low bid to Public Works Officer, U. S. Navy Yard, Mare Island, for an electric power line from Crescent City to the U. S. Naval Direction Finder Station, Point St. George. Work includes poles, anchors, guys, cross arms, insulators, wires, transformers, underground cable cutouts, switches, and lightning arresters, all installed complete and ready for service. Specification No. 7919.
Complete bids follow:

American Electric Const. Co., San Francisco	$3,797.00
Baker & Crosby, Eureka	3,823.43
Scott - Buttner Electric Co., Oakland	4,246.00
T. L. Rosenberg, Oakland	5,065.00
G. F. Brayer, San Francisco	5,099.00
Globe Electric Works, S. F.	5,337.00
Enterprise Electric Works, San Francisco	5,773.00
A. Soda & Son, Oakland	5,779.00
H. S. Tittle, San Francisco	6,452.00
Lloyd Williamson, Medford, Oregon	7,211.00

Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BONDS DEFEATED
SAN DIEGO, Cal.—San Diego city and county voters defeated a $1,000,000 bond issue April 23, proceeds from which were to have been used to finance the construction of a city-county office building in San Diego. A similar proposal was defeated at the general election last November.

CONTRACT AWARDED

OAKLAND, Cal.—Alta Electric & Mechanical Co., 461 O'Farrell Street, San Francisco, mechanical contractors, awarded a contract to Edward B. Ward & Co., 10th and Howard Sts., San Francisco, for air conditioning equipment for controlling temperature and humidity in the Alameda County Courthouse under construction at Fallon, Twelfth, Oakland and 13th Sts., Oakland. Geo. Wagner 181 South Park St., San Francisco, and K. E. Parker Co., 135 South Park St., San Francisco, are the general contractors.

Other awards previously reported.

Contract Awarded.
ALTER CITY HALL Cont. Price $1035
SAUSALITO, Marin Co., Calif.
Alterations to second story of the City Hall (work involves new partitions, plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Jos. F. Childs, 1 Euterpe St., Mill Valley.
Complete bids follow:

Jos. F. Childs, Mill Valley	$1,035
M. E. Vukicevich, S. F.	1,695
Barrett & Hilp, S. F.	1,796
Jacks & Irvine, S. F.	1,820
Hannah & Wooldridge, S. F.	1,844
S. Maggiori, Sausalito	1,985
A. W. Teather, Sausalito	2,055
Louis C. Dunn, S. F.	2,634
A. H. Seimer, San Anselmo	2,847
R. D. Hood, Sausalito	2,978

PLANNED

SALEM, Ore.—A competition of Oregon architects in drawing plans for a new state capitol building decided upon by the state board of control at executive session with members of state planning boards. SERA workmen will shortly start removing debris from fire-gutted structure. Federal funds will be sought.

BIDS WANTED

SAN FRANCISCO.—Until May 8th, 1:30 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public W'ks, Room 251, City Hall, for acoustical correction for band practice room No. 10, San Francisco War Memorial.

Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $5000
PIEDMONT, Alameda Co., Cal. No. 45 Sylvan Way.
One-story and basement frame and stucco residence (5 rooms).
Owner—Walter Ayden, 45 Sylvan Way, Piedmont.
Architect—Ray Keefer, 770 Wesley St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.
ALTERATIONS Cost, $1500
PIEDMONT, Alameda Co., Cal. No. 29 Glen Alpine Road.
Alterations to residence.
Owner—Harry H. Fair, Premisea.
Architect—Houghton Sawyer, Howard Bldg., Oakland.
Contractor—F. C. Stolte Co., 3455 Laguna Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 301 Taurus Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner — Syndicate Merriewood Co., 1401 Broadway, Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. NE Farragut and Alemany Blvd.
One-story and basement frame and stucco residence.
Owner and Builder—Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. NE Moneta Way and Farragut Street.
One-story and basement frame and stucco residence.
Owner and Builder—Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
FRESNO, Fresno Co., Cal. No. 2711 Van Ness Avenue.
One-story and basement frame and stucco residence.
Owner—Mr. Morrison.
Architect—Not Given.
Contractor — La. Mone Call, 1221 Thesta St., Fresno.

Segregated Bids Being Taken.
RESIDENCES. Sost, $5000 each
BERKELEY, Alameda Co., Calif. Spruce Street.
Two one-story and basement frame and stucco residences.
Owner—N. B. Douglass, 28 Domingo St., Berkeley.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.
Lumber—Oakland Lumber Co., 6901 E-14th St., Oakland.
Bids are now being received on concrete, etc.

Preparing Working Drawings.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Morago Canyon.
Two-story and basement frame and stucco residence (8 rooms and 2 baths); shake roof, gas hot air heating system, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked shortly.

Plans Being Figured.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
REDWOOD CITY, San Mateo Co.
One-story wood frame residence (4 rooms).
Owner—Mr. Walther.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3000
RICHMOND, Contra Costa Co, Calif. W 21st, Grant and Roosevelt Sts.
One - story and basement frame and stucco residence (5 rooms).
Owner—Leroy H. Voss, 627 21st St., Richmond.
Architect—Not Given.
Contractor—D. A. Dodge, 608 8th St., Richmond.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. 103 W. Alpine St. (Pacific Manor)
One - story and basement frame and stucco residence (6 rooms).
Owner—W. Earle Camp, 1851 Levington Ave., Stockton.
Architect—Not Given.
Contractor — S. C. Giles, 121 Knoles Way, Stockton.

Low Bidder.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Merriewood Tract.
Three one-story frame and stucco residences (shingle roof, gas hot air heating system, hardwood floors tile baths, etc.)
Owner—Merriewood Estates, Inc.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Low Bidder — George Windsor, 928 Kingston Ave., Piedmont.

Plans Being Revised.
RESIDENCES Cost, $6500 each
OAKLAND, Alameda Co., Cal. Montclair Highlands.
Two one-story and basement frame and stucco residences.
Owner—American Trust Company.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Bids will be asked shortly.

Plans Being Figured.
RESIDENCE Cost, $7500
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence.
Owner—Mr. Sawyer.
Architect—Farr & Ward, 68 Post St., San Francisco.
A. Cederborg, 1455 Excelsior Ave., Oakland, is figuring the plans.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 6000 Acacia Avenue.
Two - story and basement frame and stucco residence (8 rooms).
Owner—Dr. Robert Southerland, 6000 Acacia Ave., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $4300
SAN FRANCISCO. London and Excelsior Streets.
One - story and basement frame and stucco residence.
Owner—Louis and Teresa Bottarini, 1771 Filbert Street.
Architect—Not Given.
Contractor—Lorenzo Del Carlo, premises.

Contract Awarded.
RESIDENCE Cost, $——
EXETER, Tulare Co., Cal. Portola Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—Roy X. Peterson, Exeter.
Architect—Not Given.
Contractor—D. A. Graham, Exeter.
Plastering—Harold Rawley.
Electric—Exeter Electric Co.
Plumbing—Exeter Plumbing & Sheet Metal Works.

Plans Being Completed.
RESIDENCE Cost, $15,000
FRESNO, Fresno Co., Cal.
Two-story and basement frame and brock veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred Reimers, 233 Post St., San Francisco.

Bids will be asked in about one week.

Contract Awarded.
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. 30 W. Cleveland Street.
One - story and basement frame and brick veneer residence (6 rooms).
Owner—Tony Bacigalupi.
Architect—Not Given.
Contractor—E. Merlo, Moreing's Lane Stockton.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. Ayer Avenue.
One-story frame and stucco residence (tile roof, etc.)
Owner—Wm. H. Jung.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Contractor—G. M. Latta, 158 Rhodes Court, San Jose.

Contract Awarded.
RESIDENCE Cost, $3935
SAN BRUNO, San Mateo Co., Cal. Lots 75 and 76 Blk 8.
One-story and basement frame and stucco residence.
Owner—Edgar B. Marston et al, 215 Linden Ave., San Bruno.
Architect—Not Given.
Contractor—James W. Dunlop, % Owner.

Plans Being Completed.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines; Margarido Drive.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); shingle roof, gas furnace, hardwood floors, tile baths, etc.
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th St., Oakland.
Bids will be taken from a selected list of contractores May 3.

Contract Awarded.
RESIDENCE Cost, $16,000
FRESNO, Fresno Co., Cal. No. 1475 Echo Street.
Two-story and basement frame and Stucco residence.
Owner—Nancy Thompson.
Architect—Not Given.
Contractor—J. D. Shorb, 1294 Linden St., Fresno.

Plans Completed.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story frame and stucco residence (Shingle roof, gas heating system, hardwood floor, tile baths, etc.)
Owner—Howard Ballinger.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $4000
SAN RAFAEL, Marin Co., Cal. Park Street.
One - story and basement frame and stucco residence.
Owner—Miss M. Morris.
Architect—Not Given.
Contractor—Ed. Beebe, San Rafael.

To Be Done By Day's Work.
RESIDENCE Cost, $5 000
OAKLAND, Alameda Co., Calif. 32[illegible] Florida Street
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $1500
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco residence (6 rooms) tile bath, oak floors, linoleum, shades, etc.
Owner—M. D. Maxfield, Watsonville
Plans by Owner.
Contractor—Friend & Resh, P. O. Box 743, Watsonville
Concrete & Excavation—C. R. Hushbeck.
Mill Work—Hammond Lumber Co.
Plastering—James Martensen.
Plumbing and Sheet Metal—P. J. Freiermuth Company.
All of Watsonville.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco residence (7 rooms) Spanish style, gas hot air heating system, tile bath, tile roof, hardwood floors, etc.
Owner—Thomas Crowley, Watsonville
Plans by Owner.
Contractor—Friend & Resh, P. O. Box 743, Watsonville
Concrete & Excavation—C. R. Hushbeck.
Mill Work—Hammond Lumber Co.
Plumbing—Mel Martin.
All of Watsonville.

Low Bidder.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal.
One and one-half-story frame and stucco residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Mark Bristol, 1038 McKinley Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $3500
BURLINGAME, San Mateo Co., Cal. Lot 26 Blk 11, Sanchez Avenue.
One-story and basement frame and stucco residence.
Owner—C. R. Whitney, 1443 Broadway, Burlingame.
Architect—Not Given.
Contractor—H. E. Wenfre, P. O. Box 157, Belmont Park.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Cal. No. 7 Avilla Street.
One-story and basement frame and stucco residence.
Owner—C. W. Rogers, 1114 Broadway, San Mateo.
Architect—Not Given.
Contractor—Dean Mitchell, 1044 Paloma St., San Mateo.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SAN FRANCISCO. 756 Bay Street.
Alterations to residence.
Owner—E. M. Gallagher, 2027 Hyde.
Architect—Not Given.

Contract Awarded.
ADDITION Cost, $2000
SAN JOSE, Santa Clara Co., Cal. No. 233 Clayton Avenue.
Addition to frame residence.
Owner—Mrs. C. Mitchell, Premises.
Architect—Not Given.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Contract Awarded.
ADDITION Cost, $3290
SAN JOSE, Santa Clara Co., Cal. No. 1377 Yosemite Avenue.
Addition to residence.
Owner—Stella Leviston, Premises.
Architect—Not Given.
Contractor—B. H. Painter, 24 N. Second St., San Jose.

Contract Awarded.
RESIDENCE Cost, $6500
STOCKTON, San Joaquin Co., Cal. No. 1869 Ramona Street.
Two-story frame and brick veneer residence (6 rooms).
Owner—Raymond J. Pezzi.
Architect—Not Given.
Contractor—P. C. Hunt, Golden Gate Ave., Stockton.

Contract Awarded.
RESIDENCE Cost, $6000
FRESNO, Fresno Co., Cal. No. 3003 Van Ness Avenue.
One-story and basement frame and stucco residence.
Owner—Marie S. Gonos.
Architect—Not Given.
Contractor—Roy Martin, 149 N-Calaveras St., Fresno.

Plans Completed.
RESIDENCE Cost, $8000
BURLINGAME, San Mateo Co., Cal. Lot 7 Blk 1, Columbus St.
One-story and basement frame and stucco residence.
Owner & Builder—Geo. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

Low Bidder.
RESIDENCE Cost, $——
SAN FRANCISCO. Casa Way.
Two-story and basement frame and stucco residence (9 rooms and 3 baths); tile roof, hardwood floors, tile baths, etc.
Owner—W. C. Fox Jr.
Architect—Fred Keimers, 233 Post St. San Francisco.
Low Bidder — Moore & Roberts, 693 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
STOCKTON, San Joaquin Co., Cal.
One-story and basement frame and stucco residence.
Owner—Antonio Trucco.
Architect—Not Given.
Contractor—V. Boitano, 746 N. Sierra Nevada St., Stockton.

Plans Being Prepared.
BUNGALOW Cost, $8000
SAN FRANCISCO. S Jefferson St. W. Webster Street.
One-story and basement frame and stucco bungalow (6 rooms); tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
PALO ALTO, Santa Clara Co., Calif 343 Stanford Avenue.
One - story and basement frame and stucco residence.
Owner—J. F. Genness.
Architect—Not Given.
Contractor—A. A. Pellymounter, 1398 Villa St., Mountain View.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif 2480 South Court Street.
One - story and basement frame and stucco residence.
Owner—F. G. Gibson.
Architect—Not Given.
Contractor—Wm. E. Gibson, 149 San Marco Drive, Lomita Park.

Planned.
RESIDENCES Cost $5000 each
SAN LEANDRO, Alameda Co., Calif. Estudillo Tract.
Group of residences.
Owner—Central Bank of Oakland.
Architect—Not Given.

Contractor—Stanley Davis, 640 Bancroft Ave., San Leandro.
Three residences are now under construction and others will go ahead upon completion of the three.

Contract Awarded.
RESIDENCE Cost, $5500
WATSONVILLE, Santa Cruz Co., Cal.
One - story and basement frame and stucco residence (6 rooms) shingle roof, gas hot air heating system, tile baths, hardwood floors, stone fireplace, etc.
Owner—Joe Lopes, Santa Cruz Road, Watsonville.
Plans by Owner.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

Plans Being Prepared.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Sunset District.
Six one-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Calif.
Two-story and basement frame and brick veneer residence (12 rooms, 4 baths) terra cotta shingle roofing, gas fired steam heating system, canvas walls, hardwood floors steel wood sash, tile baths, etc.
Owner—A. W. Carlson, 5301 Broadway, Oakland.
Architect—Williams & Wastell, 374 17th St., Oakland.
Contractor—W. E. Lyons, 2009 Pacific Ave., Alameda.

Preparing Preliminary Plans.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Germain Ave. W Twin Peaks Blvd.
Two-story and basement frame and stucco residence (tile roof, ornamental iron, etc.)
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 1121 Buena Vista Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Jessie P. Pond Co., 1536 Webster St., Alameda.
Plans by Paul Anderson, 1652 15th Ave., Oakland.
Contractor—P. Royal Haubman, 1325 Broadway, Alameda.

Plans Being Prepared.
RESIDENCES Cost $5000 each
OAKLAND, Alameda Co., Cal. Claremont Woodlands.
Four one- and two-story frame and stucco residences (5 and 6 rooms) shingle roofs, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $2,500
SAN JOSE, Santa Clara Co., Cal. 364 North 18th Street.
One-story frame residence (4 rooms)
Owner—E. H. Williams, 360 N 18th St., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 1471 McDaniel Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—Carl N. Swenson, 355 Stockton Ave., San Jose.
Architect—Edward Kress, 121 Mayellen, San Jose.

Contract Awarded.
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif 1487 McDaniel Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—O. E. Glans, 867 Villa Ave., San Jose.
Architect—Edward Kress, 121 Mayellen, San Jose.
Contractor—Carl N. Swenson, 355 Stockton, Ave., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
BERKELEY, Alameda Co., Cal. 1780 Spruce Street.
One-story frame residence (4 rooms).
Owner & Builder—H. A. Hanson, 2506 Virginia St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 465 14th Ave.
Alterations to residence.
Owner—R. W. Gilmon and Virginia Pierce, 252-A 8th Avenue.
Architect—Not Given.

Bids In—Held Under Advisement.
RESIDENCE Cost, $4,000
SANTA CRUZ, Santa Cruz Co., Cal
One - story and basement frame and stucco residence (5 rooms).
Owner—Ralph Miller, Third St., Santa Cruz.
Architect—C. W. Lawrence, Theatre Bldg., Santa Cruz.
Announcement will be made within a few days.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. 1132
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—Chas. Anderson, 3917 Park Blvd., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO. S El Camino Del Mar, 120 E Lake Street.
Two - story and basement frame and stucco residence.
Owner—Harry Ballen, 290 Sea Cliff.
Architect—Hyman & Appleton, 68 Post Street.
Contractor—D. A. Beinfield, 666 Mission Street.

Specifications Being Written.
RESIDENCE Cost, $9,500
BAYWOOD, San Mateo Co., Calif.
1½-story frame and stucco residence (8 rooms, 3 baths) shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Bids will be asked within a few days.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. San Jose Avenue and Ocean Avenue.
One - story and basement frame and stucco residence.
Owner—Harry M. Giocondi, % contractor.
Architect—Not Given.
Contractor—C. O. Blincoe, 2863 15th Avenue.

Contract Awarded.
RESIDENCE Cost, $7,213
SAN FRANCISCO. N Broadway East Hyde Street.
Two - story, basement and sub-basement frame and stucco residence.
Owner—Joseph Vigli, 3110 Laguna St.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada Street.

Heating and Sheet Metal Contracts Awarded.
ALTERATIONS Cost, $8000
SAN FRANCISCO. No. 3421 Jackson Street.
Alterations to frame residence.
Owner—E. C. Hill, % Contractor.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—A. F. Mattock Co., 2121 Clara St., San Francisco.
Heating and Sheet Metal — Lowell Davison, 375 Monterey Blvd.

Plans Being Revised.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo Co., Calif.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Bids will be asked in about two weeks.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W 17th Ave. 100 N Noriega.
One - story and basement frame and stucco residence.
Owner and Builder—N. W. Anderson, 2427 24th Avenue.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame and stucco residence (six rooms) Colonial style, shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Owner—Charles McCall, 1404 Franklin Street, Oakland.
Bids will be asked shortly.

To Be Done By Day's Work.
RESIDENCES Cost $4,000 each
SAN FRANCISCO. W 14th Avenue S Judah Street.
Four one-story and basement frame and stucco residences.
Owner and Builder—Jesse Horn, 4708 Mission Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 5425 Claremont Avenue.
One - story frame and stucco residence (4 rooms).
Owner—John Arolla, premises.
Architect—Not Given.
Contractor—M. E. Valente, 5118 Clark St., Oakland.

Contract Awarded.
RESIDENCE Cost, $2950
HAYWARD, Alameda Co., Cal. Rockaway Lane.
One-story frame and stucco residence
Owner—Russell Morgan, Hayward.
Architect—Geo. P. Simons, 192 Main St., Hayward.
Contractor—Geo. Lund, 21696 Montgomery Ave., Hayward.

To Be Done By Day's Work.
RESIDENCE Cost, $8,350
PALO ALTO, Santa Clara Co., Calif 1748 Fulton Street.
Two - story and basement frame and stucco residence.

Owner and Builder—C. W. Kemper, 125 Bryant St., Palo Alto.
Architect—Not Builder.

15— SCHOOLS

BIDS WANTED

LONG BEACH, Cal.—Until May 15, 4 P. M., bids will be received by the Long Beach board of education for the construction of a steel frame physical education building, block C and boiler room portion of block B, Franklin junior high school, Cerritos Ave. and Fifth St., Long Beach. The plans and specifications may be obtained from the business manager of the board 25th St. and Chestnut Ave., upon deposit of $25. Geo. D. Riddle, 2826 Cedar Ave., Long Beach, architect.

BIDS WANTED

PASADENA, Cal.—Until May 14, 11 A. M., bids will be received by the Pasadena board of education for reinforcement of and alteration to the Horace Mann building at Pasadena junior college located on Colorado St. between Sierra Bonita and Hill Aves. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect.

LOW BIDDER

LOS ANGELES, Cal.—R. J. Daum, 3964 Budlong Ave., submitted the low bid to Los Angeles board of education at $85,951, for reconstruction, rehabilitatian and strengthening the main building at the Torrance elementary school, located at Martina and 220th Sts., Torrance. A. S. Nibecker, Jr., architect.

LOW BIDDER

COMPTON, Los Angeles Co., Cal.—Blystone & Van Tuyle, Brea, submited low bid to Board of Public Building Reconstruction at $44,400 for the construction of the Tamarind Street elementary school in Compton. H. L. Gogerty, 116 N. Santa Fe Ave., Compton, architect.

TO ASK BIDS

SANTA BARBARA, Calif. — Santa Barbara board of education will call for bids for proposed repairs to the Jefferson school in Santa Barbara following approval of plans by the state architect. The plans, which were prepared by Structural Engineer Paul Jeffers, Architects' Bldg., Los Angeles, contemplate reinforcing the structure with a steel frame. Cost estimated at $50,000.

BIDS WANTED

LOS ANGELES, Cal.—Until May 21 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro Street, for reconstruction, rehabilitation and strengthening of the east and west wings of the Corona Avenue School, 3825 Bell Ave., Bell. A. S. Nibecker Jr., architect.

LOW BIDDERS

LOS ANGELES, Calif.—Person and Hollingsworth, 507 S Lorena Street, Los Angeles, submitted low general contract bid to Long Beach board of education at $183,990 (using salvaged materials) for construction of the administration building at the Polytechnic high school site. Low bidders on other contracts were: Kuster-Wetzel Electric Co., 214 E. Broadway, Long Beach, electric wiring, $43,161; Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $37,655; Allan Black & Sons, 5063 Hollywood Blvd., Los Angeles, plumbing, $15,152. Hugh R. Davies, 430 East Ocean Ave., Long Beach, architect.

BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Cal.—Until May 14, 11:30 A. M., new bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 South San Pedro St., for new buildings "A," "B" and "C" to be built at the Miles Avenue School, located on the east side of Miles Avenue, between Saturn and Zoe Ave., Huntington Park. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, Architect.

LOW BIDDER

LOS ANGELES, Cal.—Byerts and Dunn, 1131 N Orange Grove Ave., submitted low bid to the Los Angeles board of education at $54,763 ,for reconstruction, strengthening and rehabilitation of the main building (less the auditorium section) at the Eagle Rock elementary school, 2057 Fair Park Ave., Eagle Rock. M. M. Marston, 517 Douglas Bldg., Los Angeles, architect, and Martin Pohl, 1008 W. Adams Blvd., Los Angeles, structural engineer.

PLANS COMPLETED

ST JOHNS, Ariz.—Architects Lescher — Mahoney, 1100 Title & Trust Bldg., Phoenix, have completed plans for a new grammar school building (a PWA project) to be erected in St. Johns, Arizona, for School District No. 11 of Apache County. The district will call for bids early in May. The building will be a one-story structure, 50x175 feet in area, and will contain eight classrooms; stone walls, asbestos shingle roof, maple floors, steam heat, etc. Cost $30,000.

TO ASK FUNDS

SACRAMENTO, Cal.—Board of Education has authorized application to PWA for loan and grant toward $500-000 addition to Sacramento Junior College. Architect, Hary J. Devine.

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Until May 14, 8 P. M., bids will be received by B. B. Kreider, Clerk, Porterville Union High School District, for constructing concrete agricultural laboratory building on the Poterville High School site.

W. D. Coates, 626 Rowell Building, Fresno, architect.

Plans and specifications may be obtained from the architect. Certified check or bidder's bond for 10% of the amount bid must accompany each bid.

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Until May 12, 7 P. M., bids will be received by B. B. Kreider, Clerk Porterville Elementary School District for the installation of a new gas-fired heating plant at the Olive St. School, Porterville.

W. D. Coates, 626 Rowell Building, Fresno, architect.

Plans and specifications may be obtained from the architect. Certified check or bidder's bond for 10% of the amount bid must accompany each bid.

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Until May 14, 7 P. M., bids will be received by B. B. Kreider, Clerk. Porterville Elementary School District for construction of a concrete toilet building at the Morton Street school site and for plumbing for the building.

W. D. Coates, 626 Rowell Building, Fresno, architect.

Plans and specifications may be obtained from the architect. Certified check or bidder's bond for 10% of the amount bid must accompany each bid.

CONTRACT AWARDED

HUNTINGTON PARK, Los Angeles Co., Cal.—Reid & Alexander, 3121 Olive St., Walnut Park, awarded contract by Los Angeles Board of Education at $104,404, for the reconstruction, strengthening and rehabilitation of the boys' gymnasium and swimming pool and the girls' gymnasium at the Huntington Park High School, 6020 Miles Avenue, Huntington Park. The existing structure is a two-story Class D masonry structure and the work will include removing exterior brick wall and replacing with reinforced concrete, reinforced concrete filler walls, strengthening roof frame, etc. George M. Lindsey, 6305 Yucca St., Architect.

Preparing Preliminary Plans.

RECONSTRUCTION Cost, $67,000
ALAMEDA, Alameda Co., Cal. 2230 Alameda Avenue.
Owner—Alameda City School District.
Architect—H. A. Minton, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian 525 Market St., Harold Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.

PLANS BEING FIGURED—TO CLOSE MAY 10

VAN NUYS, Los Angeles Co., Cal. —Architect I. E. Loveless, 102 South Robertson Blvd., Beverly Hills, has prepared plans and is taking bids for a home for boys to be built at Magnolia and Sepulveda Blvd., southwest of Van Nuys, for the Sisters of Nazareth of Hammersmith, London. The buildings to be constructed at this time include a two-story administration building, to contain offices, Sisters' convent and a chapel; a dormitory to house approximately 60 boys, refectory and helps' quarters; and a service building to contain a laundry and boiler plant. Another dormitory and a classroom building will be built later. Will be Class A, reinforced concrete structures with stucco exteriors, art stone trim, clay tile roofs, steam heat, lockers, etc.

LOW BIDDER

LOS ANGELES, Cal. — John W. Flanagan, 1723, W. 52nd St., submitted low bid to Los Angeles Board of Education at $32,108 for a six-unit new building to be built at the Corona Avenue School, 3825 Bell Avenue, Bell. Richard J. Neutra, 3448 Silver Lake Blvd., Architect.

Preparing Preliminary Plans.

RECONST. SCHOOL Cost, $80,000
ALAMEDA, Alameda Co., Cal. No. 2915 Central Avenue.
Reconstruct Lincoln School.
Owner—Alameda City School District.
Architect—H. A. Minton, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishklan 525 Market St.; Earl Hammill, 381 Bush St. and Earl Russell, Pacific Bldg., San Francisco.

Preparing Preliminary Plans.

RECONST. SCHOOL Cost, $77,000
ALAMEDA, Alameda Co., Cal. No. 1450 Eight Street.
Reconstruction of Washington School
Owner—Alameda City School District.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Structural Engineers—L. N. Nishkian, 525 Market St.; harold Hammill, 381 Bush St. and Earl Russell, Pacific Bldg., San Francisco.

Preparing Preliminary Plans.

RECONST. SCHOOL Cost, $70,000
ALAMEDA, Alameda Co., Cal. No. 2021 Santa Clara Avenue.
Reconstruction of Haight School.
Owner—Alameda City School District.

Architect—Andrew T. Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 525 Market St.; Harold Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. San Lorenzo.
One-story and basement frame and stucco residence (5 rooms) wood shingle roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.
Bids will be asked in about ten days

Plans Completed.
RECONST. SCHOOLS $75,000
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings. at the Sequoia Union High School work involves structural steel, concrete, wood framing and gunite work.
Owner — Sequoia Union High School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval and bids will be asked in one week or ten days.

Plans Completed.
SCHOOL Cost, $45,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic bldg. (5 classrooms) and one-story frame & stucco gymnasium (composition roofing, steam heating system, wood floors, concrete floors in dressing rooms and showers).
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been forwarded to the State Division of Architecture, Sacramento, for approval.

Contract Awarded.
RETAINING WALL Cont. Price, $4147
SAN FRANCISCO. 1435 Utah Street.
Construct retaining wall at Starr King School.
Owner—City and County of San Francisco.
Plans by the Bureau of Architecture, Chas. Sawyer, City Architect, City Hall.
Contractor — M. E. Vukicevich, 666 Mission Street.
Complete bids published April 11.

Bids Opened.
COMPLETE AUDITORIUM $15,[illegible]
NORTH SACRAMENTO, Sacramento County, Calif.
Complete gymnasium (work includes painting, plastering, decorating, completing electrical, heating and plumbing systems).
Owner—Grant Union High School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.
Low Bidder—Azevedo & Sarmento, 920 O St., Sacramento.
Complete bids follow:
Azevedo & Sarmento..... $19,[illegible]
Wm. C. Keating 20,600
Campbell Const. Co. 21,850
Contract recommended to be awarded to Azevedo & Sarmento.

Preparing Preliminary Plans.
RECONSTRUCTION Cost, $19[illegible]
ALAMEDA, Alameda Co., Cal. 2130 Central Avenue.
Reconstruction of the high school.
Owner—Alameda City School Dist.
Architect—Carl Werner, 1303 Bay St., Alameda.
Structural Engineers—L. H. Nishkian 525 Market St., Harold Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.

Contracts Awarded.
ADDITION Cost, $8,000
FRENCH CAMP, San Joaquin County Calif.
One - story brick veneer addition to grammar school (1 classroom and 1 lunch room).
Owner—French Camp School District.
Architect—Joseph Losekann, 1215 W. Harding St., Stockton.
Lumber—Blair Lumber Co., Stockton, $1,138.14.
Finish Hardware—Austin Bros., 544 E Main St., Stockton, $179.27.
Electric—Commercial Electric Co., 311 E. Market St., Stockton, $177.20.
Plumbing—Lyons Plbg. Co., 1006 N. Wilson Way, Stockton, $67.00.
Tile Roofing—Gladding, McBean and Co., 550 Market St., San Francisco, $272.82.
Painting—Stockton Paint Co., 319 E. Weber St., Stockton, $63.58.
Mill Work—Fisher Bros., Wilson and Weber Sts., Stockton, $650.
Steel Sash—Walter Zerwick, 521 East Channel St., Stockton, $473.00.
Venetian Blinds—Manthey Bros., 420 N California St., Stockton, $311.
Construction will start April 29.

Bids Wanted—To Close May 10, 1:30 P. M.
SCHOOL Cost, $53,000
SANDY, Oregon.
Two-story brick and concrete school building (large auditorium and gymnasium).
Owner—School District No. 2, Clackamas County (W. Oren Sanger, clerk).
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Plans and specifications may be obtained from the above office upon deposit of $15.00.

Bids Wanted—To Close May 13, 8 P.M.
ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street school, brick construction, composition roofing, extension of present steam heating system, wood floors, etc.
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architects. No deposit required.

CONTRACT AWARDED
SAN FRANCISCO.—J. Harold Johnson, 639 Brannan St., at $4,797 was awarded contract by Department of Public Works for alterations at the Lincoln School located on Harrison St. between Fourth and Fifth Sts. Work involves tearing down present auditorium, etc.
Complete bids published April 11.

Additional Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $32,683
SANGER, Fresno Co., Cal.
One-story reinforced concrete gymnasium.
Owner — Sanger Union High School District.
Architect — W. D. Coates, 626 Rowell Bldg., Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Roofing—Bush Roofing Co., 750 Stockton Ave., San Jose.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Glass—Valley Glass Co., 2225 Inyo St., Fresno.
Lumber—Prescott Lumber Co., Sanger
As previously reported, plastering awarded to Joseph Masi, 515 Oleander St., Fresno; structural steel to Golden Gate Iron Works, 1541 Howard St., San Francisco; sheet metal to Z. Z. Dowd, 4335 Illinois Ave., Fresno; mill work to Hollenbeck-Bush Planing Mill, P. O. Box 605, Fresno; materials to Prescott Brick & Lumber Co., Sanger; plumbing to B. A. Newman, 302 North H St., Fresno, $2966; heating to Barrett Hicks Co., 1027 Broadway, Fresno, $1836; electric to Electric Constr. Co., P. O. Box 638, Fresno.

To Ask Material Bids.
SCHOOL Cost, $——
LOWER LAKE, Lake Co., Calif.
One-story brick grammar school bldg. (three classrooms) tar and gravel floor, hot air heating system, Oregon pine floors, plaster interior.
Owner—Lower Lake Grammar School District.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Foundations have been started by SERA. Materials will be purchased on the following items:
(1) Framing lumber;
(2) Mill work;
(3) Electrical supplies;
(4) Plumbing supplies;
(5) Paint materials;
(6) Hardware.

Bids Wanted—To Close May 10, 8 P.M.
SCHOOL Cost, $45,000
DALLAS, Oregon.
One-story grammar school (12 classrooms).
Owner—Dallas School District.
Architect — C. N. Freeman, Concord Bldg., Portland.
Plans and specifications may be obtained from the architect. Bids are being taken on general work with separate bids for plumbing, heating and electrical work.

Contracts Awarded.
DORMITORY Cost, $118,000
PULLMAN, Washington. Campus of Washington State College.
Three-story and attic dormitory (75x160 feet) terra cotta or cut stone, brick exterior, slate roofing, some marble, hollow tile backing; steam heating system to connect to the present plant, concrete slab floors, acoustical treatment, freight elevator, 3 fireplaces, terrazzo tile & linoleum flooring, phones, laundry equipment, ornamental iron, plaster, electric ranges and refrigeration, temperature controls, ventilating system, etc., to accommodate 155 men).
Owner—State of Washington.
Architect—Stanley Smith, Pullman.
Contractor—Howard S. Wright, 2210 Second Ave., Seattle.
Heating—H. C. Hastorf, 735 SE Morrison, Portland, $9,400.
Plumbing — G. N. Sutherland, Walla Walla, $8,900.

Plans Being Prepared.
GYMNASIUM Cost, $——
PASO ROBLES, San Luis Obispo Co., Calif.
One-story brick gymnasium (dressing rooms, etc.)
Owner—Paso Robles High School District.
Architect—Orval Clark, 369 N. Ridgewood Place, Los Angeles.
Labor will be furnished by SERA and materials will be purchased by the school district.

Low Bidders.
HIGH SCHOOL Cost, $10,000
WEAVERVILLE, Trinity Co.
One-story steel frame and wood high school building.
Owner—Trinity Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Labor is being furnished by SERA.
Cement—Diamond Match Co., Chico, $773.50.
Sand and Gravel—Diamond Match Co., Chico, $736.00.
Lumber—Diamond Match Co., Chico, $2,778.22.
Mill Work—Diamond Match Co., $1,182.00.
Structural Steel—Gerlinger Foundry & Machine Works, Redding, $1,571.76
Miscellaneous Iron—Kern & Sons, 517 6th St., San Francisco, $270.00
Glass—McCormick - Saeltzer, Redding $130.78.
Plumbing—Diamond Match Co., Chico $1,146.25.
Electric—D. Karmine, Weaverville. $463.76.
Plastering—Diamond Match Co., $1,223.21.
Roofing — D. E. Ryan, Weaverville, $371.14.
Paint—McCormick - Saeltzer, Redding $224.26.
Building Paper—D. E. Ryan, Weaverville, $85.50.
No bids received on reinforcing steel and sheet metal. All bids held under advisement.

FIRE LOSS
HAYWARD, Alameda Co., Cal.—Fire destroyed the John Muir Grammar School near Hayward, April 25. Loss estimated at $75,000.

CONTRACT AWARDED
TORRANCE, Las Angeles Co., Cal.—R. J. Daum, 3964 Budlong Avenue, awarded contract by Los Angeles Bd. of Education at $85,951, for reconstruction, strengthening and rehabilitation of the main building at the Torrance Elementary School, located at Martina and 220th Sts., Torrance. A. S. Nibecker Jr., architect.

CONTRACT AWARDED
COMPTON, Los Angeles Co., Cal.—Blystone & Van Tuyle, Brea, awarded contract by Compton City School District, at $44,400 for construction of north and south buildings at the Tamarind Street Elementary School in Compton. H. L. Gogerty, 116 N. Santa Fe Ave., Compton, architect.

LOW BIDDER
PASADENA, Los Angeles Co., Cal.—F. Wopschall, 35 N. Broadway, Pasadena, submitted low bid to Pasadena Board of Education at $83,500, for repairing and strengthening the John Muir Technical High School building. Cyril Bennett, 311 First Trust Bldg., Pasadena, Architect.

Preparing Preliminary Plans.
SHOP, WAREHOUSE, ETC. $10,000
FRESNO, Fresno Co., Cal. Ventura and Eighth Streets.
Shop, warehouse and maintenance building for school.
Owner—Fresno School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Labor will probably be furnished by the SERA.

General Contract Bids Rejected—Brick and Terra Cotta Awarded.
SCHOOL Cost, $205,000
SAN FRANCISCO. Geary and Scott Streets.
Restoration of a portion of Girls' High School.
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Brick and Terra Cotta—White & Gloor Monadnock Bldg., $18,789.
All general bids rejected. Lowest bid was submitted by Dinwiddie Construction Co., Crocker Bldg., at $244,700. Complete bids published April 18. New bids will be asked shortly.

CONTRACT AWARDED
LOS ANGELES, Calif.—Person and Hollingsworth, 507 S. Lorena St., Los Angeles, awarded general contract by the Long Beach board of education at $183,835 for construction of the two-story steel frame administration bldg. at the Polytechnic high school site. Other contracts awarded were: Kuster-Wetzel Electric Co., 214 E. Broadway, Long Beach, electric wiring at $46,161; Hickman Bros., 910 E. Anaheim St., heating at $35,440; Allan Black & Sons, 5063 Hollywood Blvd., Los Angeles, plumbing at $15,152. H. R. Davies, 430 E. Ocean Ave., Long Beach, architect. 5

BIDS WANTED
LOS ANGELES, Cal.—Until May 22 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the three-story, Class D brick building at the Malabar Street school, 3200 Malabar St. Frederic Scholer, 811 W 7th St., architect, and Ernest Seiler, 112 North Main St., structural engineer.

BIDS WANTED
LOS ANGELES, Cal.—Until May 14, 2:00 P. M., bids will be received by the Enterprise School District, 14509 S. McKinley Ave., Los Angeles County, for the addition of two classrooms to the McKinley Elementary School. Bids will be received for the general contract, covering the entire work. Plans and specifications for examination are on file in the office of Marsh, Smith & Powell, architects, 516 Architects' Bldg., and at the office of the principal of the school, 14509 S. McKinley Ave., and may be obtained upon deposit of $10 at the office of the architects.

CONTRACT AWARDED
BELL, Los Angeles Co., Cal.—John W. Flanagan, 1723 W. 52nd St., awarded contract by Los Angeles Board of Education at $32,108 for a six-unit new building to be built at Corona Avenue School, 3825 Bell Ave., Bell. Richard J. Neutra, 3448 Silver Lake Blvd., architect.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $——
SAN RAFAEL, Marin Co., Cal. Fourth and D Streets.
Alterations to Star Theatre building (new fronts, etc.)
Owner—Jacob Albert, San Rafael.
Architect—Not Given.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Low Bidder.
STORE Cost, $8500
OAKLAND, Alameda Co., Calif. N Grand Ave. 140 E Perkins Street.
One-story reinforced concrete store building.
Owner—A. C. Oppenheimer, 700 Grand Ave., Alameda.
Architect—Kent & Hass, 525 Market St., San Francisco.
Lessee—Hagstrom Food Stores, Inc., Oakland.
Low Bidder — Kelly & Tulloch, 836 8th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO. Second and Bryant Streets.
Alterations to offices (install air conditioning system, electrical work, painting, etc.)
Owner—Schmidt Lithograph Co., Second and Bryant Streets.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — A. F. Mattock Co., 212 Clara Street.

Additional Sub-Contracts Awarded.
OFFICE BLDG. Cost, $15,000
EMERYVILLE, Alameda Co., Calif.
Two - story reinforced concrete office building.
Owner—Shell Development Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Austin Co., 516 18th St., Oakland.
Roofing—General Roofing Co., 3985 Beach St., Oakland.
Plastering — Frank Clausen, 3124 Chestnut St., Oakland.
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
As previously reported, reinforcing steel awarded to Soule Steel Co., 1750 Army St., San Francisco; concrete to Rhodes & Kennedy, 101 4th St., Oakland; lumber to Sunset Lumber Co., 400 High St., Oakland.

MILL WORK CONTRACT AWARDED
SAN FRANCISCO — Davis Hardwood Co., Bay & Mason Sts., awarded mill work on the following jobs:
Residence on Pacific Ave. D. B. Gladstone, general contractor.
Alterations to Clunie Bldg., California and Montgomery Sts., Langfelder & Schuster, general contractors.
Alterations to Mercedes Building, 251 Post St., Dinwiddie Constr. Co., general contractors.
Alterations at 625 Market St. Capital Co., owners. Langfelder & Schuster, general contractors.

FIRE LOSS
SAN FRANCISCO—Fire destroyed the No. 365 Market Street Club, owned by Monk Young. Damage estimated at $40,000.

To Be Done By Day's Work.
ADDITION Cost, $2000
SAN JOSE, Santa Clara Co., Cal. No. 260 E-Santa Clara St.
Addition to building.
Owner—Cook Oil Co., Premises.
Plans by Engineering Dept. of Owner.

Plans Being Prepared.
ALTER STORE Cost, $50,000
SEATTLE, Wash. No. 1520 Third Avenue.
Alterations to store building (special lighting fixtures, etc.).
Owner—Century Properties, Inc., John R. Holmes, Director, 814 Second Ave., Seattle.
Plans by Engineering Dept. of Owner.

CONTRACT AWARDED
SACRAMENTO, Cal. — McLaughlin Sheet Metal Works, 1914 I St., at $613 awarded contract by City Council for furnishing and installing hot air heating system in the new municipal airport administration building, Sacramento.
Complete bids published April 22.

April 29, 1935

Contract Awarded.
COCKTAIL LOUNGE Cost, $6000
MONTEREY, Monterey Co., Cal.
Cocktail lounge in Blue Bell Cafe (new bar, decorating, painting, furnishings, etc.) Provincial style of architecture.
Owner—J. Butts, Blue Bell Cafe, Salinas.
Architect—Robert Stanton, Carmel.
Contractor—H. C. Geyer, 946 Hellam St., Monterey.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN JOSE, Santa Clara Co., Calif. 1345 The Alameda.
Alterations to business building.
Owner—Franco Bros., Fifth and Santa Clara Sts., San Jose.
Architect—Not Given.
Contractor—Frank Hoyt, 495 S 13th St., San Jose.

To Be Done By Day's Work.
STORE Cost, $7500
OAKLAND, Alameda Co., Calif. 101 First Avenue.
One-story frame store building.
Owner—Nettie Webb Ronpage, 135 E. 14th St., Oakland.
Plans by A. H. Memmler, % owner.

Plans Being Prepared.
BAR Cost, $2000
SAN FRANCISCO. W Fillmore St. N Lombard Street.
Alterations to bar (new bar, modernistic front, painting, decorating, etc.)
Owner—Mr. Cervelli.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $15,000
EMERYVILLE, Alameda Co., Calif.
Two - story reinforced concrete office building.
Owner—Shell Development Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Austin Co., 1924 Broadway, Oakland.
Reinforcing Steel—Soule Steel Co. 1750 Army St., San Francisco.
Concrete—Rhodes & Kennedy, 101 4th St., Oakland.
Lumber—Sunset Lumber Co. 400 High St., Oakland.
Other awards will be made shortly

Being Done By Day's Work.
ADDITION Cost, $2500
BERKELEY, Alameda Co., Cal. Shattuck and Addison Avenues.
One-story concrete addition to building (70x12 feet) building known as Francis Shattuck Bldg.)
Owner—Maxwell Hardware Co., 1320 Washington, St., Oakland.
Engineer—J. H. Platt, 2024 University Ave., Berkeley.
Work is being done by day's labor under the supervision of the owner.

Contract Awarded.
STORE Cost, $6056
OAKLAND, Alameda Co., Calif. East 14th Street and First Avenue.
One-story frame store building.
Owner—Netti Webb Ponpaye.
Architect—Arthur H. Hemmler.
Contractor—Albert A. Haskell, 255 Ridgeway, Oakland.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 225 Bush Street.
Alterations to offices.
Owner—Standard Oil Co., 225 Bush St.
Architect—George Kelham, 315 Montgomery Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.

Contract Awarded.
ALTERATIONS Cost, $1174
SAN FRANCISCO. 879 Mission St.
Alterations to store building.
Owner—Selby and Henry R. Mohr, 883 Mission Street .
Architect—Resing & McGuinness, 488 Pine Street.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. 476 Turk Street.
Alterations to store building.
Owner—John J. and Thomas F. Bell, Mills Building.
Lessee—Safeway Stores Company.
Plans by Engineering Dept. of Lessee.
Contractor—Henry Voelker, 805 Winchester Place, Burlingame.

Plans Being Figured—Bids Close May 6th, 3:30 P. M.
ALTERATIONS Cost, $——
SAN FRANCISCO. Market and 11th Streets.
Alterations to Hughson Building.
Owner—Home Owners Loan Association, 640 California Street.
Architect—Not Given.
Lindgren & Swinerton, 225 Bush St. and A. F. Mattock, 212 Clara St., are figuring the plans.

17— THEATRES

PLANNED
VALLEJO, Solano Co., Calif.—Fox West Coast Theatres Co. are considering either erecting a new theatre on Georgia Street or remodeling the present Strand Theatre in Vallejo in the near future. Further details will be announced shortly. Officials of the company include Chas. P. Skouras A. M. Bowles, C. A. Buckley, R. H. McCullough and Elmer Hanks.

Contract Awarded.
REBUILD THEATRE
Contract Price, $11,352.72
SAN MATEO, San Mateo Co., Calif.
Rebuild Fox West Coast Theatre (recently destroyed by fire).
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—James L. McLaughlin, 251 Kearny St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $25,000
VALLEJO, Solano Co., Cal.
Alterations and additions to Strand Theatre (work involves painting, decorating, remodeling of exterior and interior, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Bids Wanted—To Close May 10.
ALTER THEATRE Cost, $75,000
SALINAS, Monterey Co., Cal.
Alterations and addition to Fox Theatre (new projection room, remodel interior, new seats, carpets, furnishing, painting, decorating, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Following will submit bids:
James L. McLaughlin, 251 Kearny St., San Francisco.
Salih Bros., 25 Taylor St., San Francisco .
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
G. P. W. Jensen, 320 Market St., San Francisco.

18—WHARVES & DOCKS

CONTRACT AWARDED
SAN FRANCISCO.—A. W. Kitchen, 110 Market Street, at $6,108 awarded contract by Constructing Quartermaster, Fort Mason, for repairs to the east and west Garrison Wharves at Fort McDowell.
Complete bids published April 16.

PLANNED
LOS ANGELES, Cal.—Los Angeles harbor commission has petitioned the Federal government to build a new $500,000 immigration detention headquarters at Los Angeles Harbor. The resolution asked that a three-story structure be erected with facilities for housing 275 immigrants.

19—MISC. CONSTRUCTION

BIDS WANTED
SACRAMENTO, Cal.—Until May 7, 3 P. M., bids will be received by the U .S. Engineer Office, 208 Post Office Buiding, Sacramento, Captain J. G. Drinkwater, District Engineer, under Spec. No. 7295, for drydocking, painting and repairing the U. S. Barge "W" (Boathouse).
Specifications obtainable from above office.

CONSTRUCTION TO START SHORTLY
MATANUSKA VALLEY, Alaska—Work will be started shortly by the FERA on the Matanuska Valley colonization program, estimated to cost $981,907. Work involves construction of the following:
200 houses including wells and fencing, $232,000; 200 barns, $40,000; implement barn, $1080; garage and repair shop, $8918; creamery, $15,750; cannery, $6160; poultry houses for community hatchery, $6000; managers house, $4360; teachers' home, equipped, $34,200; 2 work center buildings, grain mills, $2500; warehouse, $4284; duplex teachers' house, $5260; trading post, $10,000; school and community house, $150,000.
$143,580 will be spent for equipment, $155,815 for livestock furnishing and feed. Land will cost $30,000. Surveying and staking estimated at $5000 transportation $60,000; operating capital, $60,000; supervision during construction, $10,000.
Ross L. Sheely, Farm Extension Service, University of Alaska, has been retained to make a survey of the project. N. Lester Troast, Juneau, Architect. Col Lawrence Westbrook, Federal Rural Rehabilitation Corp., will be in general charge.
Frank U. Bliss, Director of Construction and Alan Perkins, Assistant Director of Construction and Engineer in charge, 49 4th St., San Francisco.

CONTRACTS AWARDED
SONOMA COUNTY, Cal.—Mileage Gasoline Co., Oakland, and the Redwood Empire Oil Co., (Mohawk), Sebastopol, at $0.125 awarded contracts by Henry W. Wallace, Sonoma County Purchasing Agent, Santa Rosa, for furnishing approximately 150,000 to 200,000 gals. of gasoline for a period of one year, commencing May 1, 1935, and ending April 30, 1936.
All other bids received were iden-

DISTRICT FORMED

FRESNO COUNTY, Cal. — A proposal to form the Central San Joaquin Valley Municipal Utility District in Fowler and adjacent rural territory carried at a special election, Apr. 23. The district will distribute electric power. Mayor F. E. Wells, Fowler, is a member of the Board of Directors.

Contract Awarded.

ADDITION Cost, $——
CHICO, Butte Co., Calif.
Addition to Chico Memorial Mausoleum (add 140 additional crypts).
Owner — Chico Memorial Mausoleum Association.
Architect—Not Given.
Contractor—J. C. Meyers, Rte. 1, Box 439, Stockton.
Directors of the association are:
Dr. J. O. Chiapella, president; Lee Richardson, vice president; John Donohoe, secretary, W. G. Downing, H. C. Bicknell, C. C. Richardson, W. V. West, D. L. Westfall, Frank M. Moore, and Dr J. L. Doyle.

CONTRACT AWARDED

PORTLAND, Oregon.—Ericksen & Klepp, Rainier, Ore., at $16,500 were awarded contract by the U. S. Engineer Office, Portland, under Bid No. 698-35-511, for constructing one 26x82 ft. wooden quarterboat and delivering afloat at the U. S. Government Moorings, No. 8010 NW St. Helens Road, Portland.

tical at $.14 and were submitted by the following: Gilmore Oil Co.; Rio Grande Oil Co.; General Petroleum Co.; Signal Oil & Gas Co.; Associated Oil Co.; Richfield Oil Co.; Texas Oil Co.; Union Oil Co., Rocket Distributors of Redwood Empire; Standard Oil Co. and Shell Oil Co.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Cal.—Steel Tank & Pipe Co. of California, 1100 4th St., Berkeley, at $23,191 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. L.S. 143, for furnishing 7,700 lf of electric welded steel pipe for distribution system.

PURCHASE AUTHORIZED

GRASS VALLEY, Nevada Co., Cal. —The City Council has authorized purchase of 250 feet of 1½ or 1¾-inch rubber hose with pressure nozzle, for street cleaning.

CONTRACT AWARDED

GRASS VALLEY, Nevada Co., Cal. —Montague Pipe & Steel Co., 1999 3rd St., San Francisco, at $1.07 per ft. submitted low bid and awarded contract by the Grass Valley City Council for furnishing 300 feet of 22-inch, 14 gauge, oil dipped, slip-jointed hydraulic pipe. The other bids were:
Western Pipe & Steel Co., San Francisco, $1.32.
Miners Foundry, $1.60.
Electric Welding, $1.55 and $1.65.

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal. — Westinghouse Electric Supply Co., awardad contract by the Oakland City Council for furnishing saturated paper insulated cable for the Electrical Department, at the following prices:
(1) 3735 ft. cable, $919.34.
(2) 1000 ft. cable, $167.
(3) 4450 ft. cable, $605.20.
(4) 6300 ft. cable, $495,81.
Complete bids published April 22.

CONTRACT AWARDED

SAN CARLOS, Ariz.—Midwest Piping & Supply Co., Inc., 529 S. Anderson Street, was awarded the contract by the U. S. Indian Irrigation Service, Room 524, 751 S. Figueroa St., Los Angeles, April 24, at $1081.92 (fob Los Angeles) for furnishing dipped welded steel pipe and pipe fittings for the San Carlos Reservation Project (F.P. 199). Bid No. 0159. The bids were opened April 18.

The other bids were:

California Corrugated Culvert Co., $1416.12, fob West Berkeley. Delivery 15 days; shipping weight 19,596 lbs Terms ½ of 1% 10 days.

Southern Pipe & Casing Co., Azusa, Calif., $1266.63 fob Azusa. Delivery 30 days; shipping weight 19,500 lbs. Terms 1% 10 days.

West Coast Pipe & Steel Co., $1,291.68 fob Los Angeles. Delivery five days; shipping weight 22,500 pounds. Terms 1% 10 days. Pipe not preheated before dipping).

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 2000 steel ribs, each consisting of two sections with 5-in. 10-lb. standard I-beams, complete, with splice plates, base plates, bolts, and nuts, under Spec. No. 97, were opened by the Metropolitan Water Dist., Los Angles, April 29.

The bids were:

Youngstown Steel Car Corp.: $7.74 each; total, $15,580, fob Miles, Ohio. Discount, 1% 10 days.

Commercial Shearing & Stamping Co.: $8; total, $16,000, fob Youngstown, Ohio. Discount 1% 10 days.

Consolidated Steel Corp.: $10.97; total $21,940, plus sales tax if and as applicable; fob Los Angeles. Net 30 days.

Pacific Coast Steel Corp.: $15; total $30,000, fob Los Angeles. No discount. Exclusive of sales tax.

The bids were referred to the Chief Engineer for checking and report.

BIDS OPENED

OAKLAND, Calif. — Oakland Hardware Co., 929 Broadway, Oakland, at $12.69 per dozen submitted the only bid to the Oakland City Council for furnishing approximately 36 dozen street lanterns, complete with globes.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Identical bids at $7152 were received by the Bureau of Reclamation, Denver, Colo., April 27, under Spec. No. 674-D, for furnishing 104 luminaires for the illumination of the main roadway over the Boulder Dam; and 34 luminaires for the roadways connecting the Boulder Dam and intake towers, Boulder Canyon Project.

The bidders were:

General Electric Co., Schenectady, New York; weight, 7158 lbs., 2% discount.

Crouse-Hinds Co., Syracuse, New York; 10,370 lbs.; 2%.

General Electric Supply Corp., Denver.; 7158 lbs.; 2%.

New England Electric Co., Denver; 10,370 lbs.; 2%.

Hendrie & Bolthoff Mfg. & Supply Co., Denver; 7158 lbs.; 2%.

Mine & Smelter Co., Denver; 10,370 lbs.; 2%.

Graybar Electric Co., Inc., Denver; 10,370 lbs.; 2%.

Graybar Electric Co., Inc., Denver, bid $3666 for luminaires weight 4320 lbs. no discount.

Bids held under advisement.

All bids f.o.b. Boulder City.

BIDS OPENED

LOS ANGELES, Cal. — Hercules Powder Co., Fidelity Bldg., Los Angeles, submitted low bid to the Metropolitan Water District, Los Angeles, April 30, at $270,480, for furnishing 2,760,000 lbs. of explosives required in the construction of the San Jacinto Tunnel of the Colorado River Aqueduct prior to January 1, 1939, in accordance with Specifications No. 94.

Atlas Powder Co. submitted only other bid at $313,260.

Reinforcing Steel

Cut, Bent, Delivered and Installed

BUILDING MATERIALS

GUNN, CARLE & CO.

20 Potrero Avenue : San Franicsco

Phone UNderhill 5480

GUNN, CARLE & CO. MANUFACTURERS AGENTS BUILDING MATERIALS

ROOSHOR SELF-LOCK ADJUSTABLE

CUT LABOR COSTS *with*

ROOSHORS AND ROOS COLUMN CLAMPS

W. J. BURKE & CO. Northern California Distributors

200 Davis Street Phone DOuglas 8590 - San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until May 8, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secty., 516 16th, Oakland, under Informal Proposal No. 615, for furnishing one hydraulically-operated trailbuilder or angle bulldozer.

Specifications obtainable from above office.

OAKLAND, Cal.—Until May 8, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secty., 516 16th, Oakland, under Proposal L.S. 145, for furnishing 150 4-inch, 300 6-inch and 25 8-inch gate valves.

Specifications obtainable from above office.

OAKLAND, Cal.—Until May 8, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secty., 516 16th, Oakland, under Proposal No. L.S. 146, for furnishing 2,913 cast iron bell and spigot water pipe fittings in sizes 4- to 20-in.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until May 10, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Sale No. 125, for sale of miscellaneous equipment, supplies and materials from the Hetch Hetchy Project. Items offered for sale include miscellaneous electrical and plumbing equipment and materials; automobiles, trucks and parts; Hetch Hetchy railroad equipment and supplies, etc. Lump sum bids only will be considered. Items offered for sale are located at various yards and camps of the Hetch Hetchy Project at Livermore, Valle, Mocho, Mitchell and Thomas in Alameda County, and Hetch Hetchy Junction and Moccasin in Tuolumne County. Complete list of items is on file at the office of the Purchaser of Supplies, Room 270, City Hall.

WAR DEPARTMENT

FORT MASON—Until May 6, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-243, Req. No. QM 552-118-PQM-35, Memo. 6413, for furnishing electrical materials and paint materials.

Specifications obtainable from above office.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until May 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 683-D, for furnishing and delivering fob cars at bidder's shipping point and/or Boulder City, for observation platforms, ladders, railings, and doors for installation in the tunnel plug outlet works at the Boulder Dam, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $.75 not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

OIL, lubricating, for hot running [illegible] pedoes; East and West Yards. Sch. 4918; May 10.

GUNS, pressure lubricating; Mare Island and Puget Sound. Sch. 4915; May 10.

OIL, 60,000 lbs. raw tung; Mare Island. Sch. 4913; May 10.

PLATES, 90,000 lbs. galv. steel. Mare Island & Puget Sound. Sch. 4930; May 10.

OAKUM, 9,200 pounds spun oakum; Western Yards. Sch. 4920; May 10

DRILLS, approximately 176 electric drills, 1 electric grinder and four electric hammers; East & West Yards. Sch. 4923; May 10.

FACINGS, 21,000 lbs. naval brass boat East and West Yards. Sch. 4919; May 10.

TAPES, 144 measuring, woven metallic; Mare Island. Sch. 4917; May 10.

STONES, sharpening; East and West Yards. Sch. 4925; May 14.

TORCHES, gasoline, alcohol and oil; East and West Yards. Sch. 4927; May 14.

LAVATORIES, 60 shore and 70 china waterclosets; Mare Island. Sch. 4936; May 14.

PIPE, conduit; East and West Yards. Sch. 4939; May 14.

FIGURES and letters, stamping; East and West Yards. Sch. 4933; May 14.

VALVES, boiler safety; East & West Yards. Sch. 4954; May 17.

Information obtainable from above office and from the 12th Naval District, 100 Harrison St., San Francisco.

U. S. POST OFFICE DEPT.

SACRAMENTO, Cal.—Until May 6 bids will be received by Purchasing Agent, Post Office Department, Washington, D. C., for two steel paper separating cases for the Sacramento Post Office. Proposal No. 2185.

MARIN COUNTY

MARIN COUNTY, Cal.—Until May 13, 12 M., bids will be received by the Tamalpais Union High School District, Frank A. Bush, Secretary of the Board of Trustees, for furnishing 1,200 ft. of one-conductor 500 000 CM, stranded, 6-64-in. wall Hazard Armortite cable, 600 volts (or equal). Delivery to be made July 1.

Specifications obtainable from above office.

SONOMA COUNTY

PETALUMA, Sonoma Co., Calif.—Until May 6, 7:30 P. M., bids will be received by the Petaluma City Council, Gladys V. Roberts, City Clerk, for furnishing approximately 3,000 l.f. No. 8 B&S gauge Hazard 3500-volt cable, solid single conductor, rubber covered and lead encased, to be used in the widening of Main Street from the South side of Washington Street to points on the east and west sides of Main Street near its intersection with Third Street.

Specifications obtainable from above office.

CALIFORNIA STATE

DEL NORTE, HUMBOLDT, LAKE and Mendocino Counties—Until May 8, 11:00 A. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickrey, 546 West Wabash Ave., Eureka, for the rental of 3-yd. dump trucks for use at locations as follows:

(1) 3 for approximately 500 hours each to be used in the vicinity of Eureka.
(2) 3 for approx. 500 hours each to be used in the vicinity of Garberville.
(3) 3 for approx. 500 hours each to be used in Mendocino and Lake Counties.
(4) 4 for approx. 500 hours each to be used in the vicinity of Crescent City.

The trucks are to be used principally under power shovels for hauling gravel, slide material, etc., and for other miscellaneous hauling jobs.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until May 20, 2 P. M., bids will be received T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1340, for furnishing street and sewer materials.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE — Until May 10, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3053, for furnishing:

(1) 6 trucks, dump type, with steel body, hydraulic hoist and cab.
(2) 2 trucks, heavy duty, with steel body, mechanical hoist and cab.
(3) 1 truck, heavy duty, with gasoline tank and cab.

Specifications obtainable from above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

BENICIA, Solano Co., Calif.—Until May 16, 10 A. M., bids will be received by the Commanding Officer, Benicia Arsenal, Benicia, under Bid No. 146-35-31, for furnishing paints, enamel, oils, turpentine, varnish, etc.

Specifications obtainable from above office.

U. S. INDIAN SERVICE

PHOENIX, Ariz.—Until May 13, 2 P. M., bids will be received by the Phoenix Indian School, 4100 Rhoads Circle, Phoenix, Carl H. Skinner, Superintendent, for furnishing one lot of Douglas fir lumber.

Delivery fob bidder's shipping point and/or Phoenix.

Copy of the bid form is on file at the office of DAILY PACIFIC BUILDER.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

ORANGE COUNTY, Calif. — J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $39,633 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Trabuco Creek, two miles north of San Juan Capistrano, Orange County, consisting of three 48 ft. 0 in. spans and two 15-ft. cantilever spans on concrete piers, and grading and paving approaches with Portland cement concrete.

Complete total bids follow:

(A) J. E. Haddock, Ltd., Pasadena $39,633
(B) Oscar Oberg, Los Angeles.. 42,369
(C) Bannister-Field Co. and F. E. Potts, Los Angeles..... 44,931
(D) R. H. Travers, Los Angeles 53,167
(E) Lynch-Cannon Engr. Co., Los Angeles 53,530

Unit bids will be given shortly.

ADDITIONAL SUB-CONTRACTS AWARDED.

SAN FRANCISCO.—Healy - Tibbitts Const. Co., 64 Pine Street, general contractors for the construction of the San Francisco Section and Approaches (Contracts 15 and 15-A) of the San Francisco - Oakland Bay Bridge, has awarded a sub-contract to the Alta Electric & Mechanical Co., 467 O'Farrell St., for furnishing all conduit.

BIDS WANTED

PORTLAND, Oregon—Until May 14, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-35-605, for furnishing ready for erection and field riveting, two 168-foot riveted truss spans complete with shoes, anchor bolts, lead plates, field rivets, etc. Approximate weight, 950,000 lbs.

Delivery f.o.b. cars at bidder's shipping point.

Specifications obtainable from above office.

COMPLETE BID LISTING

ORANGE COUNTY, Cal. — J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at 039,633, aae previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder bridge across Trabuco Creek, 2 miles north on San Juan Capistrano, Orange County, consisting of three 48-ft. 0-in. spans and two 15-ft. cantilever spans on concrete piers, and grading and paving approaches with Portland cement concrete.

The work involves:

(1) 375 c.y. concrete to be removed and disposed of;
(2) 350 l.f. pipe and wire bank protection fence to be moved and reset;
(3) 14 stations clearing and grubbing
(4) 360 c.y. excav. unclass. (roadway and detour);
(5) 11,000 c.y. imported borrow (roadway and detour);
(6) 1,000 c.y. excav., unclass. for dike
(7) 1,100 c.y. structure excavation;
(8) 3,150 sq. yds. subgrade for pave.;
(9) 14 stations finishing rdwy.;
(10) 3 tons liquid asphalt SC-2 prime coat (shoulders);
(11) 65 tons liquid asphalt SC-2 surface treatment (shoulders and detour);
(12) 5,300 sq. yds. preparing, mixing, and shaping shoulders and detour;
(13) 830 each pavement dowels;
(14) 630 c.y. Class A Port. cement concrete (pavement);
(15) 161,000 lbs. bar reinf. steel;
(16) 832 c.y. Class A Port. cem. conc. (structure);
(17) 12.5 c.y. Class F do (railing);
(18) 70 c.y. Class A do (slope paving);
(19) 86 l.f. 24-in. CMP;
(20) 80 l.f. temporary guard rail;
(21) 1 lot misc. items of work.

The total bids were:

(A) J. E. Haddock, Ltd., $39,633.
(B) Oscar Oberg, Los Angelec, $42,-369.80.
(C) Bannister - Field Co., Ltd., and Fred E. Potts, Los Angeles, $44,931.
(D) R. H. Travers, Los Angeles, $53,-167.
(E) Lynch-Cannon Engineering Co., Los Angeles, $53,530.50.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 2.50	$ 5.00	$ 6.00	$ 4.50	$ 7.00
(2)	2.00	.70	2.50	3.50	1.50
(3)	10.00	5.00	10.00	40.00	3.00
(4)	.25	.20	.50	.45	.60
(5)	.30	.42	.60	.45	.37
(6)	.30	.60	.45	.45	.40
(7)	1.00	.70	2.20	3.00	3.00
(8)	.12	.20	.10	.20	.10
(9)	10.00	5.00	10.00	10.00	3.00
(10)	10.00	10.50	17.00	12.00	20.00
(11)	10.00	10.50	12.50	12.00	20.00
(12)	.10	.13	.08	.12	.10
(13)	.15	.12	.15	.10	.15
(14)	8.50	10.20	7.10	12.00	10.00
(15)	.043	.044	.0375	.045	.04
(16)	20.00	18.85	20.65	21.00	28.50
(17)	56.00	55.00	47.40	60.00	90.00
(18)	15.00	16.20	15.66	22.00	20.00
(19)	2.50	2.75	2.50	4.00	4.00
(20)	1.00	.80	1.10	2.00	2.00
(21)	250.00	600.00	466.00	3454.00	500.00

PLANS COMPLETED.

LOS ANGELES, Cal.—City Bridge Engineer R. W. Stewart has completed plans for the Figueroa Street viaduct extending from Figueroa tunnel No. 1 across the Los Angeles river. The proposed structure, which will cost approximately $890,000, will be of reinforced concrete construction of seven arch spans. The total length of the bridge will be 1040 feet, with a 40-ft. roadway and a total width of 54 ft. The project has been approved by the city council for submission to the PWA for financing. The preliminary estimate of quantities includes the following:

19,550 c.y. Class F concrete;
2,520 c.y. Class C concrete;
250 c.y. Class G concrete;
18,000 l.f. concrete piles;
2,600,000 lbs. reinforcing steel;
1,730 l.f. concrete railing;
120 l.f. ornamental iron;
14,400 c.y. fill;
1,620 tons asph. conc. (8-in. pave.)
10,800 sq. ft. 3-in. cement sidewalk
1,400 l.f. heavy cement curb;
1,440 sq. ft. 8-in. concrete gutter;
23 ornamental lighting stand.;
reconstruct 18-inch sanitary sewer.

The above materials and work do not include the structure's north approach for which the plans have not yet been completed nor for channel protection work along the Arroyo Seco which is also included in the estimated cost.

CONTRACT AWARDED

ORANGE CO., Cal.—J. E. Haddock, Ltd., 357 N Chester Ave., Pasadena, at $39,633 awarded contract by State Highway Commission, Sacramento, for the construction of a reinforced concrete girder bridge across Trabuco Creek, two miles north of San Juan Capistrano, Orange County, consisting of three 48-ft. spans and two 15-ft. cantilever spans on concrete spans and grading and paving approaches with Portland cement concrete.

BIDS WANTED

ALAMEDA COUNTY, Cal.—Until May 22, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Folger Avenue in the City of Berkeley, consisting of two concrete abutments with wing walls, a concrete center pier, a concrete sealing slab and base slab, and a deck of precast concrete slabs.

The work involves:

(1) 1 lot remove buildings and clear site;
(2) 28,000 cu. yds. struct. excav.;
(3) 600 cu. yds. Class B Portland cement concrete (precast deck slabs);
(4) 4000 cu. yds. Class A Portland cem. conc. (walls, pier shafts, and base slab);
(5) 700 bbls. extra Portland cement;
(6) 570,000 lbs. bar reinf. steel;
(7) 30,000 lbs. pipe railing;
(8) 6000 lbs. cast iron pipe and special castings;
(9) 3 each brick manholes;
(10) 313 lin. ft. 8-in. vitrified clay pipe
(11) 265 lin. ft. 16-in. do;
(12) 313 lin. ft. 2-in. do;
(13) 1 lot waterproofing complete in place;
(14) 1 lot pumping equipment complete in place;
(15) 1 lot electric lighting system complete in place;
(16) 1 lot Misc. items of work.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco and Los Angeles.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until May 23, 2:00 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the widening of four 30-foot spans on a reinforced concrete girder bridge across Newhall Creek, at Newhall, Los Angeles County.

The work involves:

(1 1100 cu. yds. struct. excav.;
(2) 110 tons asphalt concrete;
(3) 600 sq. yds. asph. paint binder;
(4) 68,000 lbs. bar reinf. steel;
(5) 465 cu. yds. Class A Portland cement concrete;
(6) 10 cu. yds. Class F Portland cement concrete (railing);
(7) 645 lbs. bronze expansion plates;
(8) 12 cu. yds. conc. remove and dispose of;
(9) 150 lin. ft. temporary railing;
(10) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SAN MATEO [illegible] Cal.—Fredrickson & Watson Const. Co., and Fredrickson Bros., 873 81st Ave., Oakland, at $129,908.08 awarded contract by the State Highway Commission, Sacramento, for widening the existing undergrade crossing under the tracks of the Southern Pacific Company and the South San Francisco Belt Railway at South San Francisco, San Mateo County, consisting of a 43-ft. 7-in. plate girder and concrete deck span, and a 98-ft. 8-in. steel beam and concrete deck span.

CONTRACT AWARDED

LOS ANGELES, Cal.—D. A. Loomis, 676 W. Salem St., Glendale, at $11,283.82 awarded contract by State Highway Commission, Sacramento, for constructing a structural steel and concrete pedestrian overhead structure across the State Highway in Santa Monica, about 0.5 mile northwest of Colorado Avenue.

PLANS COMPLETED.

LOS ANGELES, Cal.—City Bridge Engineer R. W. Stewart has completed plans for the N and O St. viaduct at Wilmington and the city council has approved the project for submission to the state highway department for allocation of funds. The estimated cost of the work, including engineering and contingencies is $370,000. The plans call for a steel girder bridge 1575 ft. in length with 48-ft. roadway and two 5-ft. sidewalks and an overall width of 60 ft. The preliminary estimate of quantities involved include the following:

6,000 c.y. concrete;
1,130 tons structural steel;
700 tons asphaltic wearing surface;
18,000 c.y. fill (approaches);
8,250 sq. ft. 3-in. 1-course sidewalk;
30 ornamental lighting standards.

CONTEMPLATED.

PLACER COUNTY, Calif.—County Board of Supervisors contemplates construction of a steel bridge to replace an old wooden bridge over Doty's Ravine on the Dairy - Lincoln road, near Glenn Dairy ranch.

22—DREDGING HARBOR WORKS EXCAVATION

LOW BIDDER

COLUMBIA RIVER, Oregon—Columbia Contract Co., 44 S. E. Salmon St., Portland, at $1647 submitted low bid to the U. S. Engineer Office, Portland, April 26, under Bid No. 698-35-588, for furnishing and placing about 900 cu. yds. of stone for repairs to revetment in the Columbia River at Walker Island, about 52 miles below Portland.

CONTRACT AWARDED

PORTLAND, Oregon — Saxton & Looney, 508 Broadway Bldg., Portland, at $26,458 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 35-500, for dredging a channel about 4800 feet long, 150 feet wide, and 3½ feet deep at low water, in the Willamette River at Jackson Bend Bar, and 64 miles above its mouth at the Columbia River, Oregon. The work involves dredging and disposing of approximately 147,670 cu. yds. of material.

BIDS WANTED

SAN RAFAEL CREEK, Marin Co., Cal.—Until May 15, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, Lt. Col. H. A. Finch, District Engineer, under Proposal No. 35-40 for dredging 104,102 cu. yds. of material from San Rafael Creek, as follows:

(a) Redredging the entrance channel to San Rafael Creek, from a point in San Francisco Bay opposit Beacon 3 marking said entrance channel westerly for a distance of about 2600 feet to the mouth of said creek, 100 feet wide on the bottom, to a depth of 10 feet at mean lower low water.
(b) Redredging the channel in San Rafael Creek from the mouth of said creek westerly and southwesterly for a distance of about 1800 feet to a point opposite the upstream end of the cutoff through Goose Neck Band, 60 feet wide on the bottom to a depth of 10 feet at mean lower low water.

Map and specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES, Cal.—Until May 15 10 A. M., bids will be received by the general manager of the Los Angeles harbor department at room 112, City Hall, Los Angeles, for reinforced concrete bearing piles for wharf at Berth 155, Los Angeles Harbor; Spec. No. 940. The work includes the manufacturing and driving of approximately 15,000 lin. ft. of concrete bearing piles and incidental work. Bidding data may be obtained upon application to the harbor engineer, Branch City Hall, San Pedro. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager.

Bids will be taken as follows:

Section A (manufacturing, transporting and driving complete):
(1) 15,000 l.f. making, and impregnating with asphalt, reinforced concrete jacketed bearing piles 16-18 inches square;
(2) 15,000 l.f. making reinforced concrete piles, 16-19 inches square, encased in asphalt impregnated concrete;
(3) 15,000 l.f. transporting and driving either type of piles;
(4) extra for driving and building up lengths of concrete bearing piles in excess of 6 in. over original length.

Section B (manufacturing only):
(5) 15,000 l.f. making and impregnating with asphalt by vacuum process, concrete jacketed bearing piles 16-18 inches square;
(6) 15,000 l.f. making concrete piles 16-19 inches square, encased in asphalt impregnated concrete;

Section C (transporting and driving only):
(7) 15,000 l.f. transporting and driving either type of piles;
(8) extra for driving and building up lengths in excess of 6 inches over original length.

BIDS WANTED

LOS ANGELES, Cal.—Until May 8, 10:00 A. M., bids will be received by the general manager of the Los Angeles harbor department at Room 112, City Hall, Los Angeles, for creosoted piles and creosoted lumber for wharf extension at Berths 145 and 155, Los Angeles Harbor, and for maintenance; Specification No. 941. The work includes the furnishing and delivering of approximately 37,900 lin. ft. of creosoted piling and 56,800 board feet of creosoted lumber. Bidding data may be obtained upon application to the harbor engineer, Branch City Hall, San Diego. Certified check or bond for 10% must accompany each bid. Arthur Eldridge, general manager. Bids will be taken as follows:

Section A (alternate to Section B).
(1) 18,762 lin. ft. Douglas fir bearing piles with 16-lb. creosote treatment;
(2) 19,180 lin. ft. Douglas fir fender piles with 12-lb. creosoted treatment;

Section B (alternate to Section A).
(3) 18,762 lin. ft. Southern pine bearing piles with 22-lb. creosote treatment;
(4) 19,180 lin. ft. Southern pine fender piles with 16-lb. creosote treatment.

Section C, 56,852 board feet creosoted sawn Douglas fir.

23—IRRIGATION PROJ.

BIDS OPENED

YUMA, Arizona — Lewis-Chambers Constr. Co., New Oorleans, La., at $0.0649 per cu. yd. on Schedules 1, 2 and 3; and the Mittry Bros. Constr. Co., 5531 Downey Blvd., Los Angeles, at $0.075 per cu. yd. on Schedule 4, submitted the low bids to the Bureau of Reclamation, Yuma, Arizona, under Spec. No. 621, for the construction of earthwork, All-American Canal, Station 1860 to Station 3090+75, Boulder Canyon Project.

The work is located from 18 miles to 43 miles southwest of Yuma, Ariz., and from 10 miles east to 35 miles northeast of Calexico, Calif., and involves 11,261,400 cu. yds. of common excavation.

Bids were taken as follows:

SCHEDULE NO. 1
Station 1860 to Station 2170
(1) 2,707,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 2
Station 2170 to Station 2455
(2) 2,564,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 3
Station 2455 to Station 2740
(3) 2,518,000 cu. yds. excav. of canal, common;

SCHEDULE NO. 4
Station 2740 to Station 3090+75
(4) 3,472,000 cu. yds. excav. of canal, common.

The bidders were:

(A) Lewis - Chambers Constr. Co., New Orleans, La., stipuations: all or none.
(A-1) Lewis - Chambers Constr. Co., New Orleans, La., Schedules 1, 2 and 3 together.
(B) Mittry Bros. Constr. Co., 5531 Downey Blvd., Los Angeles, will accept Schedule 4 alone.
(C) Boyce & Igo, Baton Rouge, La., All or none.
(D) Interior Constr. Co., % Winston Bros., 920 Title Guarantee Bldg., Los Angeles ,(composed of members of Six Companies), all or none.
(E) W. E. Callahan Constr. Co., Yuma, Ariz., all or none.

(F) A. Guthrie & Co., Inc., St. Paul, Minn., and Mark C. Walker & Sons, First National Bk. Bldg., Omaha, Neb., Schedules 2, 3 & 4; or 3 and 4.
(G) J. A. Terteling & Sons, Spokane, Wash., and 2232 Fairview Ave., Boise, Idaho, all or none.
(H) Hardwick Constr. Co.
(I) Foley Bros., 900 New York Bldg., St. Paul, Minn., all or none.
(J) Broderick Bros., Denver, Colo.
(K) George Pollock Co., P. O. Box 903, Sacramento, all or none.
(L) S. S. Magoffin, Inc., Adrian, Ore., 3 or none.
(M) V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, will accept 1 and 2; 2 and 3; or 1, 2 and 3.
(N) David H. Ryan, 1615 Fern St., San Diego.
(O) Hallett Constr. Co., Crosby, Minn.

	(1)	(2)	(3)	(4)
(A)	$.0689	$.0689	$.0689	$.0689
(AI)	.0649	.0649	.0649	.....
(B)	.075	.075	.075	.075
(C)	.0658	.0658	.0708	.0708
(D)	.609	.609	.069	.069
(E)	.07	.07	.075	.075
(F)	.0739	.0739	.0739	.0739
(G)	.0766	.0766	.0769	.0769
(H)	.0769	.0769	.0769	.0769
(I)	.079	.079	.079	.094
(J)	.082	.082	.....	.....
(K)	.0843	.0843	.0843	.0843
(L)	.0862	.0862	.0862	.....
(M)	.09	.09	.105	.....
(N)	.13	.13	.....	.....
(O)	.105	.105	.105	.105

The work shall be started within 30 calendar days after receipt of notice to proceed and shall be completed within 50 calendar days from date of such notice. A performance bond is required in the sum of 50% of estimated aggregated payments to be made under the contract. Liquidated damages n the sum of $250.00 for each schedue will be assessed for each calendar day of delay not excusable pursuant to Article 9 of the Government Forms No. PWA 51. • 3

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until May 13, 2 P. M., bids will be received by the Board of Directors of the Modesto Irrigation District (acting for Improvement District No. 6) C. S. Abbott, Secretary, 823 11th St., Modesto, as follows:

Schedule 1: Consisting of approximately 215,000 sq. ft. of 2-in. thick concrete canal lining.

Schedule 2: Consisting of approximately 40 ft. of 42-in. reinforced concrete pipe line .

Schedule 3: Consisting of approximately 9 concrete structures, a total of 22.5 c.y. of partially reinforced concrete.

Schedule 4: Consisting of approximately 65 concrete structures, a total of 52 c.y. of partially reinforced concrete.

Schedule 5: For furnishing concrete pipe.

Schedule 6: For furnishing Calco screw gates.

Specifications obtainable from above office. 3

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho—George B. Henly, Nyssa, Oregon, at $10.502 submitted low bid to Bureau of Reclamation, Ontario, Oregon, under Spec. No. 676-D, for the construction of earthwork and structures, Shepard Gulch Drain, Dead Ox Flat Division, Owyhee Project, near Payette and Weiser, Idaho.

J. A. Terteling & Sons, Boise, at $14,563 submitted second low bid, and Morrison-Knudsen Co., Boise, at $17,697 submitted third low bid.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho—Morrison-Knudsen Co., P. O. Box 1518, 318 Broadway, Boise, Idaho, at $127,485 submitted low bid to the Bureau of Reclamation, Ontario, Ore., under Spec. No. 619, for the construction of earthwork and structures, South Canal, Station 736 to Station 1340, and South Canal Lateral 17.7, Succor Creek Division, Owyhee Project, near Homedale, Idaho.

Barnard-Curtiss Co., Minneapolis, Minn., at $149,876 submitted second low bid.

Complete bids will be published shortly. •

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN BERNARDINO, Cal.—Following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Bid No. 48480, Req. No. 1819, for furnishing a tractor fob San Bernardino.

Crook Co., on Allis Chalmers "K": (1) original bid, $2,712; (2) trade-in allowance, $805; (3) net $1,907.

Smith Boosh Usher on a Cletrac: (1) $2,695; (2) $735; (3) $1,960.

J. D. Adams Machinery Co. on a McCormick Deering: (1) $2,82[illegible] (2) $470; (3) $2,351.50.

Weaver-Rye Tractor Co., on a Caterpillar "40". (1) $2,944.50; (2) $500; (3) $2,444.50.

Bids held under advisement.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Identical bids at $4,000 each were received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 48834, Req. No. 8754 for furnishing one 10-ft. dual drive power control motor grader, 25-lb. weight.

The bidders were:

Edward R. Bacon Co. for "Wehr"; alternate bid on 20-lb. weight, $3,950.

Austin - Western Road Machinery Co. on an Austing.

Weaver-Rye Tractor Co., on a Caterpillar automatic control "10."

J. D. Adams Co. on an Adams "301."

Jenison Machinery Co. on a Galion "30."

Delivery fob Division of Highways, Shop 10, Stockton.

Bids held under advisement.

BIDS OPENED

NAPA AND SONOMA COS., Cal.—Garcia Const. Co., Irvington, at $2.70 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one tractor grader, pneumatic tired, equipped with scarifier attachment, not less than a 10-ft. blade, for approximately 320 hours, to be used in Napa and Sonoma Cos.

Complete bids follow:

Garcia Const. Co., Irvington, $2.70.

Rock & Gravel Trucking Co., Oakland, $3.90.

Basalt Rock Co., Napa, $4.00.

Hein Bros., Petaluma, $4.50.

Tiffany Const. Co., San Jose, $6.00.

Bids held under advisement.

May 1, 1935

BID OPENING POSTPONED

FORT MASON, Cal.—Until May 15 10 A. M., date postponed from April 30, 10 A. M. (previously reported) bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-235, Req. QM 671-161-35, Memo 5974, as follows:

(1) One centrifugal pump, horizontally split case, single stage, double suction type, capacity of not less than 500 gallons per minute of sea water against a total dynamic head of not less than 250 feet at a speed not exceeding 3500 rpm.

(2) One centrifugal pump, horizontally split case, single stage, double suction type, capacity of not less than 800 gals. per minute against a total dynamic head of not less than 250 ft. at a speed of not exceeding 3500 rpm.

The pumps are for trans-shipment to the Dept. Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above office.

PURCHASING MATERIALS

OAKLAND, Cal.—East Bay Street Railways, Ltd., 2129 Grove St., Oakland, is purchasing approximately 900 cubic yards of concrete mix and approximately 4500 tons of ballast rock to be used in the street improvements between and around existing street car tracks of Oakland. Work will be done by the owner's own forces.

Shortly 5000 redwood ties will be purchased. •

28 — FIRE EQUIPMENT

PURCHASE AUTHORIZED

MERCED COUNTY, Cal.—Purchase of four fire trucks has been authorized by the County Board of Supervisors. Frank Pebley is chairman of the Board.

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO—Until May 15, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, undetr Spec. No. 18,858, for reconstruction of 23rd St., between Hoffman Ave. and Diamond St. Estimated cost, $3840.

The work involves:

(1) 300 lin. ft. granite curb redressed and reset;
(2) 2000 sq. ft. remove existing asphalt concrete wearing surface where directed;
(3) 190 tons asphaltic concrete binder in place;
(4) 39,250 sq. ft. 2-in. asphaltic concrete wearing surface;
(5) 1360 sq. ft. asphaltic concrete conform pavement;
(6) 400 sq. ft. reset basalt blocks where directed;
(7) 100 each Type No. 1 galvanized sheet iron pedestrain cross walk markers in place;
(8) 900 sq. ft. one-course concrete sidewalk.

Plans and specifications obtainable from the City Engineer, Room 251, City Hall, upon deposit of $10.

• 29

CONTRACT AWARDED

NAVAJO COUNTY, Ariz. — E. L. Yeager, Box 470, San Bernardino, at $46,794.71 awarded contract by the Arizona State Highway Commission, Phoenix, for the improvement of streets in Holbrook, Arizona, NRM 78-D (1935) A.F.E. 539, NRM 83-B (1935) A.F.E. 538. The work, which extends from the north city limits of Holbrook along Porter St. to the R. R. tracks, a distance of about one-third of a mile, consists of removing old pavement and curb and gutter, and to furnish and place select materials, new concrete pavement and curb and gutter.

BIDS OPENED

SAN FRANCISCO—Bids for the reconstruction of the roadway on Tenth Avenue, between Lawton and Noriega Streets, under Spec. No. 18,856, were opened by the Department of Public Works, City Hall.

Bids were taken as follows:

(1) 100 lin. ft. redressed and reset granite curb;
(2) 8400 sq. ft. 6-in. Class E concrete pavement;
(3) 1460 sq. ft. remove existing pavement and replace with asphalt conc. pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 160 tons asphaltic concrete binder in place;
(5) 38,940 sp. ft. 2-inch asphaltic concrete wearing surface;
(6) 800 sq. ft. asph. concrete conform pavement.

The bidders were:

(A) Fay Improvement Co.
(B) Pacific Pavements Co., Ltd.
(C) Chas. L. Harney.
(D) Theo. Cohn.
(E) Lowrie Paving Co.
(F) Eaton & Smith.

Complete unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$.01	$.25	$.40	$.50	$.50	$.90	$1.00
(2)	.26	.27	.25	.26	.28	.27	.28
(3)	.315	.30	.25	.35	.23	.25	.30
(4)	4.00	6.00	4.65	5.00	4.25	4.54	4.00
(5)	.053	.06	.058	.06	.07	.06	.0575
(6)	.06	.06	.06	.10	.07	.09	.0575

All bids referred to the City Engineer. * 29

BIDS WANTED

ORANGE COUNTY, Cal. — Until May 23, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 1.4 mi. grading and paving with Portland cement concrete or asphalt concrete in Orange County, between Anaheim and Miraflores.

The work involves:

(1) 75 stations clear and grub right-of-way;
(2) 350 M. gals water.
(3) 11,000 cu. yds. rdwy. excav. unclass.;
(4) 700 cu. yds. struc. excav.;
(5) 90,000 station yds. overhaul;
(6) 19,000 sq. yds. subgrade for pave.
(7) 75 stations finishing rdwy.;
(8) 275 tons mineral aggregate (plant mixed surfacing);
(9) 15 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(10) 2 tons liquid asphalt MC-2 (prime coat);
(11) 100 tons liquid asphalt SC-2 (shoulders);
(12) 12,500 sq. yds. preparing, mixing, and shaping shoulders;
(13) 14 tons liquid asphalt 90-95 (seal coat);
(14) 160 tons stone screenings (seal coat);
(15) 8200 lbs. bar reinf. steel (structures);
(16) 48,000 lbs. steel railroad rail assemblies;
(17) 140 cu. yds. Class A Portland cement conc. (structures);
(18) 65 cu. yds. Class A Portland cement Conc. (curbs and gutters)
(19) 60 lin. ft. curb armor;
(20) 90 lin. ft. remove and salvage pipe culverts;
(21) 40 cu. yds. existing conc. to be removed and disposed of;
(22) 12 each culvert markers;

Alternative Items
Alternative "A"

(23) 7850 tons asphalt concrete;

Alternative "B"

(24) 3490 cu. yds. Class A Portland cement concrete (pavement);
(25) 9500 lbs. bar reinf. steel (pave.);
(26) 4910 each pavement dowels.

NOTE:—Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

A bidder is required to submit a bid on one Alternative, and may, but is not required to, submit bids on both alternatives.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated. *

CONTRACTS AWARDED

PETALUMA, Sonoma Co., Calif — Bids for furnishing materials for the widening of Main Street from south side of Washington Street to points on the east and west side of Main Street near its intersection with 3rd Street, were opened by the Petaluma City Council, April 22, and contracts awarded as follows:

Conduit—Crescent Electric Co., 1167 Harrison St., San Francisco, at $0.2135 per l.f.;
Wire—Crescent Electric Co., $0.0785.
Cement—M. Vonsen Co., Petaluma, at $0.775.
Coarse Aggregate—Hein Bros. Basalt Rock Co., P. O. Box 162, Petaluma, at $1.85 per c.y.
Fine Aggregate — Hein Bros. Basalt Rock Co., at $2.25 per c.y.

Bids were taken as follows:

(1) 210 c.y. coarse aggregate;
(2) 168 c.y. fine aggregate;
(3) 929 sacks Portland cement (high early strength);
(4) 1469 l.f. 1½-in. galv. elec. conduit;
(5) 3000 l.f. No. 8 B&S gauge 3500-volt copper wire.

Complete bids follow:

Conduit

Crescent Electric Co., San Francisco, $0.2135 per l.f.
Incandescent Supply Co., San Francisco, $0.2135 per l.f.
Lavenson & Savasta, San Francisco $0.2135 per l.f.
Westinghouse Electric Supply Co., San Francisco, $0.2178 per l.f.
General Electric Supply Co., San Francisco, $0.2192 per l.f.
Cline Electric Co., Petaluma, $0.24 per l.f.
Baugh & Liddle, Petaluma, $0.2475 per l.f.

Wire

Crescent Electric Co., San Francisco, $0.785.
General Electric Supply Co., San Francisco, $0.0830.
Lavenson & Savasta, San Francisco $0.0875.
Westinghouse Electric Supply Co., San Francisco, $0.0919.
Incandescent Supply Co., San Francisco, $0.0919.
Cline Electric Co., Petaluma, $0.10
Baugh & Liddle, Petalauma, $0.135.

Cement

M. Vonsen Co., Petaluma, $0.775.
Golden Eagle Milling Co., Petaluma $0.824.
Hunt & Behrens, Petaluma, $0.785.

Coarse Aggregate

Hein Bros. Basalt Rock Co., Petaluma, $1.85.
Sylva & Ellis, Petaluma, $1.85.

Fine Aggregate

Hein Bros. Basalt Rock Co., Petaluma, $2.25.
M. J. Molseed, Petaluma, $1.25.
Capt. L. Lorentzen, Petaluma, $2.25.
Sylva & Ellis, Petaluma, $2.50.
Gladys V. Roberts, City Clerk.

BIDS WANTED

TEHAMA COUNTY, Calif. — Until May 9, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Stre Francisco, for bituminous treatment (light surface application) on 16.208 miles of Sections A, B, C, D and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

The work requires 470 tons liquid asphaltic road material, Type SC-2.

Plans and specifications obtainable from the above office upon deposit of $10.00. *

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until May 15, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Enginer, 546 West Wabash Ave., Eureka, for about 3.7 miles grading shoulders, constructing selected material borders, and superelevating curves with selected material base and plant-mixed surfacing (medium curing type) in Humboldt County between Ferndale and Fernbridge.

The work involves:

(1) 120 M gals. water;
(2) 1,400 c.y. rdwy excav., unclass.;
(3) 5,400 c.y. imported borrow;
(4) 2,945 c.y. selected material;
(5) 95 stations preparing shoulders;
(6) 255 c.y. binder;
(7) 910 tons plant - mixed surfacing (medium curing type);
(8) 11 tons asphaltic emulsion (prime coat);
(9) 14 tons liquid asphalt SC-1A,
(10) 14 tons asphaltic emulsion.

Plans and specifications obtainable from the above office, *

BIDS WANTED

NYE AND ESMERALDA COUNTIES, Nev.—Until May 15, 2 P. M., bids will be received by the Nevada State Highway Directors, S. C. Durkee, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Nye and Esmeralda Counties, between Beatty and 3 miles north of Springdale, and between 6 miles south of Stonewall Pass and Goldfield, Routes 5 and 3, Sections H1, K2 and 3, A1 and 2, B, a length of 42.01 miles.

The work involves:

(1) 34,380 c.y. roadway excavation;
(2) 60,442 sta. yds. overhaul;
(3) 18,940 c.y. select borrow;
(4) 520 c.y. structure excavation;
(5) 10.34 miles subgrade;
(6) 31.49 miles reshape roadway;
(7) 41.83 miles finish roadway;
(8) 72,700 tons crush. gravel or stone surface;
(9) 46 c.y. Class A concrete;
(10) 38 c.y. Class B concrete;
(11) 6,030 lbs. reinforcing steel;
(12) 1.7 MFBM redwood;
(13) 876 l.f. 18-in. CMP;
(14) 260 l.f. 24-in. CMP;
(15) 46 l.f. 30-in. CMP;
(16) 3 each move pipe culvert head walls;
(17) 1,016 l.f. guard rail;
(18) 21 each monuments (remove and reset);
(19) 3,130 tons asphaltic road material, Type SC-2;
(20) 275 tons do, Type MC-2;
(21) 41.83 miles roadmix.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

ELKO COUNTY, Nev.—Until May 15, 2:30 P. M., bids will be received by the Nevada State Highway Direc-

tors, S. C. Durkee, State Highway Engineer, Heroes Memorial Building, Carson City, Nevada, for the construction of a portion of the State Highway system in Elko County, between 25 miles north of Currie and 25 miles south of Wells, Route 13, Section B, a length of 11.33 miles.

The work involves:
(1) 96 acres clearing and grubbing;
(2) 102,300 c.y. roadway excavaton;
(3) 70,893 sta. yds. overhaul;
(4) 14,567 c.y. select borrow;
(5) 660 c.y. structure excavation;
(6) 11.33 miles subgrade;
(7) 11.33 miles finish roadway;
(8) 33,500 tons crushed gravel or stone surface;
(9) 1,500 M. gals. water;
(10) 105 c.y. Class B concrete;
(11) 2,100 lbs. reinforcing steel;
(12) 400 l.f. 18-in. CMP;
(13) 1,318 l.f. 24-in. CMP;
(14) 484 l.f. 30-in. CMP;
(15) 156 l.f. 36-in. CMP;
(16) 26 monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

YAVAPAI COUNTY, Arizona—Until May 15, 2:00 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for highway construction on the Prescott-Jerome Highway, NRH 17 (1935) A.F.E. 7910. The work, which begins about ¾ mile northeast of Mingus Mountain summit and extends toward Jerome for a distance of about 5 miles, consists of grading, draining and aggregate base course. The principal items and approximate quantities are:
(1) 40,400 cu. yds. roadway excav.;
(2) 3000 cu. yds. drainage excav.;
(3) 3000 cu. yds. structural excav.;
(4) 17,000 cu. yds. aggregate base course (CIP);
(5) 518 cu. yds. concrete;
(6) 46,900 lbs. reinf. steel;
(7) 4100 lin. ft. 8-in. perforated C. M. pipe;
(8) 3100 lin. ft. C. M. pipe (various sizes);
(9) 11,500 lin. ft. road guard;
(10) 200 lin. ft. bank protection;
(11) 400 each guide posts;
and other incidental items.

A proposal guarantee on an unendorsed certificate or cashier's check of not less than 5% of the gross amount of the bid, made payable to the state treasurer of Arizona, is required.

Funds have been programmed for the construction of this project in the amount of $105,600. In the event contract unit prices indicate a total cost of the project as planned in excess of the amount of funds programmed for the project, the length of the project will be shortened, if necessary, to keep the cost of the work within the funds allotted thereto. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

SAN DIEGO COUNTY, Cal.—V. R. Dennis Const. Co., 3911 5th Ave., San Diego, submitted low bid to the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, Union Bldg., San Diego, April 27 at $16,789.50 for highway construction in San Deigo County between Russ Blvd. and Calle Colon in the City of San Diego, about 1.1 miles in length, existing pavement to be widened with asph. concrete, involving:
(1) 1400 c.y. rdwy. excav., unclass.;
(2) 650 mi. yds. haul;
(3) 7050 sq. yds. subgrade preparation
(4) 58 sta. finishing roadway;
(5) 2380 tons asphalt concrete in place
(6) 36 c.y. Class A Portland cement concrete in place (railway grade crossing);
(7) 8 c.y. Class A Portland cement concrete in place (curbs & gutters);
(8) 45 c.y. existing concrete removed and disposed of.

The total bids were:
(A) V. R. Dennis Const. Co., $16,789.50.
(B) Daley Corp., San Diego, $17,582.50.

Unit bids were:

	(A)	(B)
(1)	$ 1.00	$ .80
(2)	.15	.15
(3)	.20	.14
(4)	20.00	12.00
(5)	4.90	5.65
(6)	20.00	22.50
(7)	20.00	25.00
(8)	4.00	5.00

CONTRACT AWARDED

PIMA COUNTY, Ariz. — White & Miller, Tucson, at $44,906.77 awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Florence Highway, N.R.S. 111-A (1935), A.F.E. 8062. The work, which begins about 10 miles north of Tucson and extends northerly for a distance of approximately six miles, consists of grading, draining, aggregate base course and oil processing (road mix), using road oil.

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal. — A representative of the District Office will accompany prospective bidders over the proposed project in San Diego Coupnty, between Lake Hodges Dam and Rancho Santa Fe, road XI-S.D-Lake Hodges Road, for which bids are to be received in Los Angeles on May 16, 1935.

Said representative will meet prospective bidders on Lake Hodges Road at Solana Beach Plaze on Friday, May 3, and 10, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

COMPLETE BID LISTING

ORANGE COUNTY, Cal. — Mundo Engineering Co., 2305 E. 9th St., Los Angeles, at $28,543 on Alternate A (asphalt concrete), and the Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $32,367 on Alternate B (Portland cement concrete), submitted low bids to the State Highwty Engineer, State Bldg., Los Angeles, for 1.1 miles of grading and paving with Portland cement concrete or asphalt concrete in Orange County, bet. 17th St. in Santa Ana and Fairhaven Avenue.

The work involves:
(1) 57 stations clearing and grubbing right of way;
(2) 7,600 c.y. rdwy. excav., unclass.;
(3) 310 c.y. struc. excav.;
(4) 14,000 sq. yds. subgrade for pave.;
(5) 57 stations finishing rdwy.;
(6) 210 tons liquid asphalt SC-2;
(7) 25,000 sq. yds. preparing, mixing, and shaping shoulders and gutters;
(8) 35 tons liquid asphalt 90-95 (seal coat);
(9) 350 tons stone screenings (do);
(10) 75 c.y. Class A Port. cem. conc. April 29, 1935
(structures);
(11) 5,000 lbs. bar reinf. steel (struc.);
(12) 6,450 lbs. steel railroad rails;
(13) 550 lbs. struc. steel;
(14) 1,090 c.y. concrete to be removed from existing pave. and struc.;
(15) 6 each culvert markers;
(16) 6 each manholes to be adjusted to grade;

Alternative Pavement Items
Alternative "A"
(17) 5,050 tons asphalt concrete;
Alternative "B"
(18) 2,580 c.y. Class A Port. cement concrete (pave.);
(19) 7,000 lbs. bar reinf. steel (pave.);
(20) 3,400 each pavement dowels;
(21) 3 each temporary pavement crossing devices.

NOTE: Alternative "A" sets forth the necessary items for the construction of the pavement with asphalt concrete; Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

The total bids were:
(A) Mundo Engineering Co.—(A) $28,543.50, (B) no bid.
(B) Oswald Bros., Los Angeles—(A) $31,639.50, (B) $33,170.60.
(C) Griffith Co., Los Angeles, — (A) $31,820.25, (B) $32,367.05.
(D) Geo. R. Curtis Paving Co., Los Angeles—(A) no bid, (B) $35,680

	(A)	(B)	(C)	(D)
(1)	$12.00	$25.00	$50.00	$25.00
(2)	.35	.41	.37	.40
(3)	.75	.75	.70	.80
(4)	.10	.10	.11	.10
(5)	5.00	3.00	5.00	5.00
(6)	10.00	10.00	9.00	10.30
(7)	.05	.04	.055	.18
(8)	20.00	18.50	16.00	19.25
(9)	3.00	2.50	2.00	2.90
(10)	15.00	18.00	17.00	18.60
(11)	.05	.055	.05	.05
(12)	.05	.05	.045	.045
(13)	.11	.10	.08	.09
(14)	1.50	1.25	1.00	1.25
(15)	4.00	2.00	3.00	3.00
(16)	20.00	12.50	10.00	15.00
(17)	2.90	3.41	3.28	.....
(18)	.....	6.77	6.16	6.30
(19)	.....	.08	.09	.085
(20)	.....	.125	.12	.14
(21)	.....	100.00	60.00	50.00

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $15,561.02 awarded contract by the State Highway Commission at Sacramento, for a total of 1.3 miles of retread surfacing between Mill St. and the northerly city limits of Ukiah, and between Broaddus Creek and the northerly line of the Northwestern Pacific Railroad right-of-way, Willits, Mendocino County.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal.—Heafey-Moors Co., and Jack Casson, 344 High St., Oakland, at $89,977.90 awarded contract by the State Highway Commission, Sacramento, for 3.8 miles grading and paving with asphalt concrete in San Joaquin County, between French Camp and Stockton.

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Jones and King, Jackson St., Hayward at $24,389 awarded contract by the State Highway Commission at Sacramento, for about 0.6 mile grading and paving with Portland cement concrete and asphalt concrete in the city of Hayward, between southerly boundary and B Street.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $14,176.50 awarded contract by the State Highway Commission, Sacramento, for about 1.9 miles of existing surfacing to be planed, rail trenches to be filled, and plant mixed surfacing, medium curing type, to be placed between B Street and the north city limits, and between south city limits and Begier St., Hayward.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Daley Corp., 4430 Boundary St., San Diego, at $45,437.40 submitted low bid to the State Highway Engr., State Bldg., Los Angeles, for 2.8 miles of grading and treating with liquid asphalt in and Diego County, between one mile east of Barrett and Tecate Road.

The work involves:

(1) 148 stations clearing and grubbing right of way;
(2) 86,000 c.y. rdwy. excav., unclass.;
(3) 144,000 station yds. overhaul;
(4) 1,700 c.y. struc. excav.;
(5) 148 sta. finishing rdwy.;
(6) 182 tons liquid asphalt SC-2;
(7) 30,000 sq. yds. preparing, mixing, and shaping roadbed;
(8) 60 c.y. rubble masonry;
(9) 260 l.f. 8-in. CMP;
(10) 646 l.f. 18-in. CMP;
(11) 88 l.f. 21-in. CMP;
(12) 360 l.f. 24-in. CMP;
(13) 116 l.f. 30-in. CMP;
(14) 310 l.f. 36-in. CMP;
(15) 84 l.f. 48-in. CMP;
(16) 340 l.f. CMP clean and relay;
(17) 64 l.f. CM clean and salvage;
(18) 8 each spillway assemblies;
(19) 22 each guide posts, move and reset;
(20) 80 each culvert markers, move and reset;
(21) 0.6 mile new property fence;
(22) 2 each drive gate complete in place;
(23) 125 each monuments complete in place.

The total bids were:

(A) Daley Corp., San Diego, $45,437.40
(B) V. R. Dennis Constr. Co., San Diego, $58,565.
(C) Sharp & Fellows Constr. Co., Los Angeles, $58,767.80.
(D) Gogo & Rados, Los Angeles, $61,-167.20.
(E) J. L. Conner, Monterey, $99,984.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 4.00	$25.00	$18.00	$20.00	$ 4.00
(2)....	.34	.40	.47	.46	.97
(3)....	.005	.01	.01	.02	.01
(4)....	1.70	2.00	1.40	2.00	1.50
(5)....	5.50	10.00	5.00	10.00	6.00
(6)....	11.50	15.00	10.00	11.00	10.00
(7)....	.04	.06	.055	.06	.05
(8)....	20.00	15.00	20.00	15.00	10.00
(9)....	.95	1.50	1.00	1.25	1.00
(10)....	1.70	2.00	1.75	2.00	2.00
(11)....	2.05	2.50	2.50	2.50	2.50
(12)....	2.60	3.50	2.50	2.80	3.00
(13)....	3.45	5.00	3.20	3.20	3.50
(14)....	5.20	7.00	4.80	4.00	5.00
(15)....	7.60	9.00	7.50	5.00	8.00
(16)....	.85	2.00	1.00	1.00	2.00
(17)....	.60	1.50	.75	.50	2.00
(18)....	12.60	15.00	20.00	20.00	15.00
(19)....	1.20	3.00	1.25	1.00	.50
(20)....	1.20	3.00	1.25	1.00	.50
(21)....	715.00	700.00	650.00	450.00	500.00
(22)....	40.00	25.00	20.00	15.00	20.00
(23)....	3.00	3.00	3.00	3.00	3.00

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—S. M. Milovich, 208 Cochrum Bldg., Montebello, at $15,109 submitted low bid to the State Highway Engr., State Bldg., Los Angeles, for constr. of approximately 618 lin. ft. of reinforced concrete box storm drain at Third St. and at Eighth St., Redlands, San Bernardino County.

The work involves:

(1) 3029 cu. yds. structure excavation;
(2) 490 cu. yds. remove and dispose of exist. rubble masonry and Portland cement concrete;
(3) 112,000 lbs. bar reinf. steel;
(4) 785 cu. yds. Class A Portland cement concrete.

Total bids follow:

(A) S. M. Milovich, Los Angeles, $15,-109.35.
(B) H. A. Teget, Ontario, $15,684.25.
(C) Geo. Gardner & Sons, Redlands, $15,897.75.
(D) Parish Bros., Los Angeles,, $19,-840..41.
(E) Tomel Constr. Co., Culver City, $20,550.25.
(F) Kemper Constr. Co., Ltd., Los Angeles, $21,144.47.

Unit bids follow:

(A)....	$ .49	$ .75	$ .04	$11.58
(B)....	.75	1.75	.035	11.00
(C)....	.65	1.50	.0372	11.50
(D)....	.79	2.00	.044	14.70
(E)....	1.25	2.00	.04	14.40
(F)....	.88	1.28	.0486	16.00

BIDS WANTED.

SANTA CLARA COUNTY, Calif.—Until May 10, 10 A. M. (to be opened at 10:15 A. M.) bids will be received by the Board of Directors of the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Room 62, Grant Bldg., San Jose, for the construction of the Almaden Rd. replacing the existing road through the Almaden reservoir. The length of the road is approximately 1.5 miles.

The work involves:

(1) 6.5 acres clearing and grubbing;
(2) 52,500 c.y. roadway excavation;
(3) 120 l.f. 8-in. 16 gauge CMP;
(4) 270 l.f. 12-in. gauge CMP;
(5) 410 l.f. 18-in. 16 gauge CMP;
(6) 30 l.f. 24-in. 14 gauge CMP;
(7) 110 l.f. 30-in. 14 gauge CMP;
(8) 140 l.f. 42-in. 14 gauge CMP;
(9) 90 l.f. 48-in. 14 gauge CMP;
(10) 90 l.f. 60-in. 12 gauge CMP;
(11) 14,000 sq. yds. rolling rdwy.;
(12) 1.5 miles three-line barbed wire fence;
(13) 4 MFBM redwood lumber in guard posts;
(14) 250 c.y. footing excavation;
(15) 290 c.y. reinforced concrete;
(16) 50,000 lbs. reinforcing steel;
(17) remove and rebuild existing power line for the lump sum of $2000;
(18) premium on 50% surety and 100% performance bonds.

Plans and specifications obtainable from the Secretary of the District or from Fred H. Tibbetts, Engineer of the District, 1320 Alaska Commercial Bldg., San Francisco, upon deposit of $5.00.

BIDS WANTED

SAN CARLOS, San Mateo Co., Cal.—Until May 9, 8 P. M., bids will be received by San Carlos Town Council, Lillian A. Lynch, City Clerk, for furnishing the following materials for paving two blocks of San Carlos Ave. from El Camino Real to Walnut St.:

(1) 134 tons, more or less, liquid asphalt coated screenings;
(2) 94 tons, more or less, natural rock asphalt.

asphalt.

work will be done by SERA labor.

Specifications obtainable from above office.

May 2, 1935

BIDS WANTED

PIMA COUNTY, Ariz.—Until May 15, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for highway construction on the Ajo-Tucson Highway, N.R.S. 110-B (1935) A.F.E. 604. The work, which lies immediately west of project NRS 110-A (1935), consists of grading and draining the roadway, and furnishing and placing aggreate base course and road oil plant mix over a length of about 10½ miles. The principal items and approximate quantities are:

(1) 4.2 miles grading roadway to section;
(2) 430 cu. yds. rdwy excav.;
(4) 12,600 cu. yds. drainage excav.;
(4) 1250 cu. yds. struct. excav.;
(5) 38,200 cu. yds. borrow excav.;
(6) 16,000 cu. yds. aggregate base course (CIP);
(7) 433 cu. yds. concrete;
(8) 620 lin. ft. C.M.P. (various sizes)
(9) 620 lin. ft. C.M.P. (various sizes)
(10) 970 lin. ft. grade and construct fords to section;
(11) 43,200 lin. ft. grader ditches;
(12) 15,000 tons plant mix;
(13) 670 tons road oil;
(14) 10.3 miles placing plant mix;
(15) 800 cu. yds. screenings;
(16) 75 M. B. M. treated timber;
(17) 5 M. B. M. untreated timber;
(18) 1760 lin. ft. trtated timber piles;

Alternate

(19) 85 M. B. M. redwood timber; and other icidental items.

A proposal guarantee in an unendorsed certified or cashier's check of not less than 5% of the gross amount of the bid, made payable to the State Treasurer of Arizona is required.

Funds have been programmed for the construction of this project in the amount of $123,000. In the event contract unit prices indicate a total cost of the project as planned in excess of the amount of funds programmed for the project, the length of the project will be shortened, if necessary, to keep the cost of the work within the funds allotted thereto. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

ORANGE COUNTY, Calif.—Mundo Engineering Co., 2305 E 9th St., Los Angeles, at $28,543.50 (asphalt concrete) awarded contract by the State Highway Commission, Sacramento, for 1.1 miles grading and paving with asphalt concrete in Orange County between 17th St. in Santa Ana and Fairhaven Avenue.

BIDS WANTED

SAN FRANCISCO.—Until May 15, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,-839 for the construction of sidewalks on Columbus Ave., Taylor St., Stockton St., and other streets.

The work involves construction of 10,000 sq. ft. of one-course concrete sidewalk.

Specifications obtainable from the City Engineer, Room 351, City Hall.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on May 15 and in Los Angeles on May 16, 1935.

I-Men-1-K at Red Mountain Creek and McCoy Creek; bids open May 15: PLANS (No. of Sheets) 19; (Cost), $1.90; CROSS-SECTIONS (No. Sheets) 46; (Cost) $4.60; Total $6.50.

II-Sis-72-B between Cougar and Horse Thief Creek; bids open May 15: PLANS (No. of Sheets) 29; (Cost) $2.90; CROSS-SECTIONS (No. Sheets) 138; (Cost) $13.80; Total) $16.70.

VII-L.A-4-L.A., bridge across Tujunga Wash; bids open May 16: PLANS (No. of Sheets) 6; (Cost) $1.-20; No CROSS-SECTIONS; Total $1.-20.

VII-L.A.-26-A & EMte, bet. Monterey Park and Mountain View Road; bids open May 16: PLANS (No. of Sheets) 48; (Cost) $4.80; CROSS-SEC-

TIONS (No. of Sheets) 81; (Cost) $8.-10; Total, $12.90.

XI-S.D-Lake Hodges Rd., between Lake Hodges Dam and Rancho Santa Fe; bids open May 16: PLANS (No. of Sheets) 14; (Cost) $1.40; CROSS-SECTIONS) (No. of Sheets) 186; (Cost) $18.60; Total, $20.00.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Pleasant-Hasler Const. Co., 324 Luhrs Bldg. Phoenix, submitted low bid to the Arizona State Highway Commission, Phoenix, April 19, as previously reported at $31,837.47, and awarded the contract for highway construction on the Fort Huachuca - North Highway, NRS 103-A (1935) AFE 602. The work, which begins at the northeast corner of Fort Huachuca Military Reservation and extends northerly about 3¼ miles, consists of grading, draining and aggregate base course. The principal items and approximate quantities are:

(1) 21,567 c.y. rdwy. excav., unclass.
(2) 2352 c.y. drainage do;
(3) 283 c.y. structural do;
(4) 500 c.y. borrow do;
(5) 7173 sta. yds. earthwork overhaul
(6) 844 c.y. mi. earthwork haul;
(7) 7354 c.y. imported borrow;
(8) 5127 c.y. mi. do haul;
(9) 5408 c.y. aggregate base course (CIP);
(10) 144 c.y. Class A concrete, including cement;
(11) 10,989 lbs. reinf. steel bars (CIP)
(12) 130 l.f. 24-in. CM pipe (CIP, including bands);
(13) 20 l.f. resetting 36-in. CM pipe (CIP);
(14) 1 each cattle guard (CIP);
(15) 1 lump sum resetting do at Station 103 plus;
(16) 480 l.f. road guard (CIP);
(17) 1720 l.f. standard line fence, CIP;
(18) 360 l.f. bank protection, type B (CIP);
(19) 6225 l.f. grader ditches;
(20) 2000 c.y. stripping pits;
(21) 62 each guide posts (CIP);
(22) 7 each transplanting trees (CIP)
(23) 1 lump sum removal of concrete bridge at Station 101 plus;

Structures Over 20-ft. Clear Span

(24) 2650 c.y. drainage excav., unclass.
(25) 33 c.y. structural do;
(26) 41 MBM treated timber (CIP);
(27) 3 MBM untreated do;
(28) 1136 l.f. treated timber piles, CIP
(29) 113 l.f. treated timber pile cut-off;
(30) 3 each water barrels (CIP);
(31) 370 l.f. bank protection, type B (CIP);
(32) 338 sq. yds. furnishing and placing oil mix (CIP);
(33) 913 gals. road oil (for oil mix and seal coat) CIP;

Alternate—in Lieu of Items 26 and 27

(26a) 46 MBM redwood timber (CIP).

The total bids were:

(A) Pleasant-Hasler Const. Co., Phoenix, $31,837.47.
(B) White & Miller, Tucson, Arizona, $32,231.61; alternate bid, $32,461.61.
(C) Pearson & Dickerson Contractors, Inc., Prescott, Ariz., $34,200.52.

The unit bids were:

	(A)	(B)	(C)
(1)	$ .36	$ .32	$ .35
(2)	.24	.27	.30
(3)	1.00	1.00	1.00
(4)	.18	.32	.25
(5)	.03	.03	.03
(6)	.18	.35	.45
(7)	.19	.19	.25
(8)	.16	.17	.45
(9)	.76	.85	.70
(10)	22.00	25.00	20.00
(11)	.06	.06	.05
(12)	3.50	3.25	3.00
(13)	1.00	1.00	3.00
(14)	500.00	500.00	450.00
(15)	25.00	50.00	25.00
(16)	1.00	1.10	1.00
(17)	.08	.075	.10
(18)	2.50	2.00	2.50
(19)	.04	.03	.04
(20)	.18	.19	.38
(21)	2.00	2.00	1.50
(22)	1.00	2.00	5.00
(23)	500.00	300.00	800.00
(24)	.24	.27	.30
(25)	1.00	1.00	1.00
(26)	120.00	115.00	110.00
(27)	120.00	115.00	80.00
(28)	1.25	1.60	1.50
(29)	.9375	1.20	1.125
(30)	20.00	10.00	12.00
(31)	2.50	2.00	2.50
(32)	.50	1.00	.80
(33)	.10	.20	.25
(26a)	....	5290.00	....

BIDS WANTED

LOS ANGELES, Cal.—Until May 20 2 P. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the improvement of Sepulveda Blvd., in Culver City, from Venice Blvd., southerly to Washington Blvd., 2315 ft. or 0.44 mile, under Cash Contract No. 479, involving:

(1) 4350 cu. yds. excav. (including shaping and removal of trees and existing improvement);
(2) 53,924 sq. ft. 4-in. asphaltic concrete base;
(3) 53,924 sq. ft. 2-in. asphaltic concr. wearing surface;
(4) 26,823 sq. ft. 1½-in. premix pavement;
(5) 56,126 sq. ft. 6-in. disintegrated rock base;
(6) 15 cu. yds. cement concrete for curbs, gutter and collars;
(7) 165 lin. ft. 18-in. corrugated metal pipe (type A or B);
(8) 4 units standard catchbasin No. 6.

Specifications may be obtained at the above office. Mame B. Beatty, Clerk of the Board.

BIDS WANTED

PINAL COUNTY, Ariz.—Until May 15, 10.30 A. M., bids will be received by the Arizona Highway Commission, Phoenix, for highway construction on the Tucson-Florence Highway NRS 111-B (1935) AFE 8063. The work was previously advertised but on account of a legal technicality the bid call was withdrawn. The work, which is to extend from the Florence - Coolidge Highway junction at Florence southeasterly for approximately 3 miles, consists of grading and draining the roadway and furnishing and placing road mix. The principal items and approximate quantities are:

11,40 c.y. imported borrow;
23,000 c.y. mi. imported borrow haul;
80 ft. 24-in. CM pipe;
3,400 c.y. mineral aggregate;
66,000 gals. road oil;
70 c.y. concrete;
10,000 lbs. reinf. steel;
and other incidental items.

A proposal guarantee in an unendorsed certified or cashier's check of not less than 5% of the gross amount of the bid, made payable to the state treasurer of Arizona, is required.

Funds have been programmed for the construction of this project in the amount of $25,000. In the event contract unit prices indicate a total cost of the project as planned in excess of the amount of funds programmed for the project, the length of the work will be shortened, if necessary, to keep the cost within the funds allotted thereto. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

SACRAMENTO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $22,572 submitted low bid to the State Highway Commission, Sacramento, for 2.1 miles grading and surfacing with crusher run base and armor coat applied, in Sacramento County between Hyde and ½ mile east of Steamboat Slough.

The work involves:

(1) 19,000 c.y. rdwy. excav., unclass.;
(2) 550 c.y. ditch and channel excav.;
(3) 270 c.y. struct. excavation;
(4) 166,500 station yards overhaul;
(5) 4,700 tons crusher run base;
(6) 910 tons screenings (armor coat);
(7) 22 tons liquid asphalt SC-1A (do);
(8) 46 tons liquid asphalt 90-95 (do);
(9) 460 M. gallons water;
(10) 192 l.f. 12-in. CMP;
(11) 322 l.f. 18-in. CMP;
(12) 20 l.f. irrigation pipe to be cleaned and relaid;
(13) 32 l.f. irrigation pipe to be removed and salvaged;
(14) 2 each 18-in. automatic drainage gates;
(15) 12 each culvert markers;
(16) 94 stations finishing rdwy.;
(17) 38 each monuments complete in place.

Total bids follow:

(A) Lee J. Immel, Berkeley, $22,572.
(B) E. F. Hilliard, Sacramento, $22,-791.20.
(C) A. Teichert & Son, Inc., Sacramento, $23,910.20.
(D) Ransome Co., Emeryville, $27,-679.02.
(E) J. A. Casson, Hayward, $28,555.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .20	$ .30	$ .28	$ .45	$ .30
(2)	.36	.75	.75	.60	1.00
(3)	.80	.75	1.00	1.00	1.00
(4)	.01	.01	.005	.01	.02
(5)	2.20	1.90	2.30	2.19	2.50
(6)	3.00	2.50	3.00	2.65	3.50
(7)	15.00	12.00	15.00	18.36	20.00
(8)	20.00	26.00	20.00	23.50	20.00
(9)	1.40	1.00	1.50	2.50	1.50
(10)	1.15	1.40	1.25	1.25	2.00
(11)	1.60	1.70	2.00	1.70	2.00
(12)	1.00	3.00	.60	1.00	1.00
(13)	1.00	2.00	.60	1.00	1.00
(14)	30.00	16.00	25.00	19.60	10.00
(15)	2.00	3.00	2.25	2.00	3.00
(16)	7.50	6.00	5.00	5.00	5.00
(17)	4.00	3.00	3.50	4.00	3.00

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Daley Corp., 4430 Boundary St., San Diego, at $45,437.40 awarded contract by the State Highway Commission, Sacramento, for 2.8 miles grading and treating with liquid asphalt in San Diego County, between one mile east of Barrett and Tecate Road.

BIDS REJECTED.

SAN FRANCISCO.—All bids received by the Department of Public Works, City Hall, April 17, under Spec. No. 18,796, for the improvement of Moraga Street between 17th and 18th Avenues, have been rejected.

30—RESERVOIRS & DAMS

PLANS COMPLETED

LOS ANGELES, Cal.—Revised plans and specifications for San Gabriel Dam No. 1, as prepared by C. H. Howell, Chief Flood Control Engineer, were adopted by the Los Angeles County Supervisors April 10. The total cost to complete the dam, as estimated by the engineer, is $11,743,310, divided as follows:

Total estimate of work under present contract.....$ 9,047,875
Materials for work under present contract..... 483,625

Spillway (to be done under separate contract)	1,499,930
Materials for spillway	152,775
Sub-total	11,184,105
Engineering and overhead, 5%	559,205
Total	$11,743,310

The engineer's recommended changes as adopted are:

(a) The slopes of the dam are flattened. On the original design they were approximately 1½ to 1 on each face. In the proposed modification they are 3 to 1 on the upstream and 2½ to 1 on the downstream face.

(b) The main body of the dam will be built of quarry run rock compacted by sluicing. The original design called for rock ranging from quarry chips to large pieces in a tentative proportion placed without sluicing.

(c) A rolled clay water tight element is substituted for the original laminated gunite face.

(d) Steel penstocks placed within the present diversion tunnel controlled at their upper ends by butterfly valves and at their lower ends by balanced needle valves are substituted for the free discharge valve arrangement in the original design.

(e) A drained gunite facing is substituted for the blanket fill on the west or right abutment and a gunite slab is added to the main cutoff.

The plans and specifications will be forwarded immediately to Edward Hyatt, State Engineer, for approval before work can be started.

By agreement with the contractors, the West Slope Construction Company, the resolution, prepared by Roy V. Dowds, Deputy County Counsel in charge of flood control matters, odopted by the board April 10, called for payment of the new work at unprices as fixed by the original contract entered into January 16, 1933. The time set for completion of the work is extended to June 1, 1939. The proceedings were also approved by F. E. Trask, consulting engineer.

The estimate of new quantities for the completion of the dam and for the new work contemplated under separate contract follows:

Work Under Present Contract

(1) 935,000 cu. yds. excav., Class A on west abutment above elevation 1190;
(2) 123,000 cu. yds. excav. Class B on east abutment above elevation 1190;
(3) 20,000 cu. yds. excav. Class C streambed, below elevation 1190 in vicinity of cut-off;
(4) (none), excav., Class D;
(5) 20,000 cu. yds. excav., Class E, cutoff trenches;
(6) 5500 cu. yds. excav., Class F, misc. open-cut;
(7) (none), excav., Class G;
(8) (none), excav., Class H;
(9) 300 cu. yds. excav., Class J, spillway pilot tunnel;
(10) 80,000 cu. yds. backfill;
(11) 7,985,000 cu. yds. rock fill, Class A, in body of dam;
(12) 250,000 cu. yds. rock fill, Class B, below streambed downstream from cutoff
(13) (none) rock fill, Class C, large rock, downstream;
(14) (none) rock fill, Class D, packed rock, upstream;
(15) 15,400 cu. yds. concrete, Class A main cutoff wall;
(16) 3400 cu. yds. concrete, Class B reinforced concrete;
(17) 2200 cu. yds. concrete, Class C trash racks and tunnel outlet;
(18) (none) concrete Class D, lining in outlet shaft;
(19) (none), concrete Class E, lining in outlet tunnel;
(20) 4600 cu. yds. concrete, Class F, plain concrete;
(21) 400 cu. yds. concrete, Class G, tunnel plug;
(22) (none), concrete Class H floater slab;
(23) 338,000 sq. ft. placing 6-in. Gunite facing slab;
(24) 2500 lin. ft. drilling grout holes, Class A, less than 10 ft.;
(25) 22,000 lin. ft. drilling grout holes, Class B, greater than 10 ft., less than 50 ft.;
(26) 19,000 lin. ft. drilling grout holes, Class C, greater than 50 ft., less than 150 ft.;
(27) 6000 lin. ft. drilling grout holes, Class D, redrilling through grout
(28) (none), drilling grout holes, Class E, less than 20 ft. tunnels and shafts;
(29) (none), placing fittings in grout holes;
(30) 6250 lin. ft. placing grout pipe;
(31) 1630 cu. yds. pressure grouting;
(32) 2200 lin. ft. placing metal seals;
(33) 800,000 lbs. placing gates and valves;
(34) 165,000 lbs. placing steel trash racks;
(35) 3000 lbs. placing iron pipe hand railing;
(36) 3,740,000 lbs. placing structural steel;
(37) 120,000 lbs. installing pipe for valve operation;
(38) 4000 lbs. placing operating machinery;
(39) 1,500,000 lbs. placing reinf. steel;
(40) 1500 lbs. placing iron pipe conduit;
(41) 9000 lbs. miscellaneous metal;
(42) 14,000 lin. ft. placing tile drains;
(43) 1000 lin. ft. placing steel dowels;
(44) 300,000 cu. yds. quarry stripping at any quarry designated;
(45) 175,000 cu. yds. quarry waste at any quarry designated;

Extra Work

Impervious fill of dam, 1,033,000 cu. yds. at 63¢. Plus 15%.

Sluicing rockfill, 8,235,000 cu. yds. at 3¢. Plus 15%.

Trimming excav. under Gunite slab, 338,000 sq. ft. at 5¢. Plus 15%.

Moving blanket fill from west abutment, 150,000 cu. yds. at 22¢. Plus 15%.

Total work under present contract	$8,,635,003
Contingencies—3%, items 1 and 11	193,127
Contingencies — 10%, except items 1 and 11	219,745
Total estimate under present concrete	9,047,875

Materials For Work Done Under Present Contract

Cement, 62,000 bbls. at $2.15 bbl.

Reinforcing steel, 1,500,000 lbs. at $.025 lb.

Grout pipe, 6250 ft. at $.20 ft.

Copper seals, 2200 ft. at $.20 ft.

Steel penstocks, 3,670,000 lbs. at .04 lb.

Valves, Venturi meters and operating mechanism at $108,820.

Operating pipes, 120,000 lbs. at $.05 lb.

Miscellaneous structural steel, 70,000 lbs. at $.15 lb.

Tank at $300.

Stiff leg derricks (installed) at $8000

Trash rack bars, 165,000 lbs. at $.04 lb.

Pipe handrail, 3000 lbs. at $.05 lb.

4-inch tile drains, 14,000 lin. ft. at $.06 lb.

Sub-total, $460,500.

Contingencies, 5%, $23,025.

Total materials under present contract, $483,525.

Estimated Cost of Spillway Vertical Shaft

Excavation and timbering, 34,200 cu. yds. ot $10.60 yd.

Concrete, 10,000 cu. yds. at $14 yd.

Place reinforcing, 600,000 lbs. at $.015 lb.

Grout holes, 2000 ft. at $.90 ft.

Grouting, 1000 sacks at $1.00 sack.

Forty-Foot Tunnel

Excavation and timbering, 57.6 cu. yds. at $8.00 yard.

Concrete, 11.1 cu. yds. at $14 yd.

Place reinforcing, 750 lbs. at $.015 lb.

Grout holes, 8 ft., at $.90 ft.

Grouting, 4 sacks, at $1.00 sack.

Twenty-Foot Tunnel

Excavation and timbering, 17.5 cu. yds. at $10.60 yard.

Concrete, 5.8 cu. yds. at $16 yd.

Place reinforcement. 360 lbs. at 1.5c lb.

Grout holes, 6 ft. at 90c ft.

Grouting, 3 sacks at $1.00 sack.

Waste Channel (Tunnel Section)

Excavation, 15,000 cu. yds. at $1.50 yard.

Concrete, 3300 cu. yds. at $8.00 yd.

Place reinforcement, 250,000 lbs. at 1.5c lb.

(Open Channel)

Excavation, 50,000 cu. yds. at 80c yard.

Concrete, 3000 cu. yds. at $8.00 yd.

Reinforcement, 240,000 lbs. at 1.5c lb.

Sub-total brought forward, $1,363,-573.

Contingencies, 10%, $136,357.

Total spillway work estimate, $1,-499,930.

Materials For Spillway

Cement, 45,000 bbls, at $2.15 bbl.

Reinf. steel, 1,950,000 lbs. at 2.5c lb.

Contingencies, 5%, $7275.

Total, $145,500.

Total estimate spillway materials, $152,775.

COMPLETE BID LISTING.

BONNEVILLE, Ore.—L. Coluccio & Co., 112 Securities Bldg., Seattle, at $192,450, as previously reported, submitted low bid to the U S. Engineer Office, Portland, April 23, for the excavation of the lower dock approach canal, and the excavation and lining of the fishway at Bonneville Dam.

The work consists of the excavating, hauling and placing of materials, shaping and dressing disposal areas and berms, placing and compacting fishway lining and all incidental work required on or in connection with the construction of the lower lock approach canal and fishway.

Complete bids follow:

(A) L. Coluccio & Co., Seattle	$192 [illegible]
(B) Columbia Const. Co., Bonneville	247,500
(C) G. F. Atkinson Co., S. F.	266,950
(D) Sam Orino, Bonneville	280,650
(E) Myers & Goulter, Seattle	296,700
(F) Malcom & Bell, Bonneville	325,650
(G) Engineer's estimate	289,175

Bids held under advisement.

BID WITHDRAWAL

BONNEVILLE, Ore.—L. Coluccio and Co., 112 Securities Bldg., Seattle, has requested the U. S. Engineer Office, Portland, for permission to withdraw their low bid of $192,450 for the excavation of the lower lock approach canal, and the excavation and lining of the fishway at Bonneville Dam.

The bids were opened April 23.

Columbia Const. Co., Bonneville, at $247,500 submitted second low bid.

The work consists of the excavating, hauling and placing of materials, shaping and dressing disposal areas and berms, placing and compacting fishway lining and all incidental work required on or in connection with the construction of the lower lock approach canal and fishway.

BIDS WANTED

BONNEVILLE DAM, Oregon—Until May 24, 3 P. M., bids will be received by the U. S. Engineer Office, Major C. F. Williams, District Engineer, Customhouse, Portland, under Bid No.

698-35-603, for construction and installation in complete operating condition of two 43,200 kw., vertical shaft, alternating current generators in the power plant of the Bonneville Dam.

Specifications obtainable S. Engineer Office, Bonneville Section, 341 Pittock Block, Portland and at the office of the Division Engineer, 523 Pittock Block, Portland.

CONTRACT AWARDED

GUNNISON, Colorado—The Four Companies, Inc., at $798,078.50 Schedule 2) awarded contract by the Bureau of Reclamation, Gunnison, Colo., under Spec. No. 594, for the construction of an earth and rock fill dam, Taylor Park Dam, Uncompahgre Project, near Gunnison.

The Four Companies, Inc., is a syndicate composed of the Utah Construction Co., Ogden; W. A. Bechtel Co., San Francisco; Henry J. Kaiser Co., Inc., San Francisco, and the Morrison-Knudsen Co., Inc., Salt Lake City.

LOW BIDDER

SEATTLE, Wash. — O. Nygren, Lloyd Bldg., Seattle, at $65,783 submitted low bid to the Seattle Board of Public Works for the construction of the Landsburg Dam in the Cedar River Valley.

Engineer's estimate, $72,000.

INJUNCTION DISSOLVED

PARKER DAM, Ariz.—The U. S. Supreme Court April 29 dissolved the temporary injunction against State of Arizona and refused to prohibit that state from interfering with the construction of the Parker Dam on the Colorado River. The dam is being built by the Bureau of Reclamation and paid for by the Metropolitan Water District. The contract was awarded to the Six Companies, Inc., which is at work now. The court held that the construction of the dam, which is across a navigable waterway, had not been authorized by congress, nor approved by the President. No information was available as to the Bureau of Reclamation's future course although the officials of the Metropolitan Water District indicate that direct pumping might be resorted to in the event Arizona should succeed in stopping the construction.

SUB-CONTRACT AWARDED

BONNEVILLE, Ore. — Washington Iron Works, 1518 NW. Marshall St., Portland, has been awaarded subcontract by Columbia Constr. Co., general contractors for construction of main spillway dam at Bonneville, for erection of a 20-ton double radial type cableway across the main channel of the Columbia River at Bonneville.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Calif — Bechtel & Kaiser, 155 Sansome St., San Francisco, at approximately $25,000 awarded contract by the Standard Oil Company for construction of about 8 miles of 8-inch pipe line from the Hill No. 1 well at Semitropic Ridge to a gas main of the Pacific Gas and Electric Co. near Lost Hills. Bakersfield Contract Carriers, Inc., Bakersfield, awarded contract for the transportation of all materials.

CONTRACT AWARDED

TORRANCE, Los Angeles Co., Cal. —The city council has asked the Public Works Administration to approve an award of contract to Roscoe Moss Co. for drilling two wells in connection with the new city water system. The price bid for each well was $7,061.76 or $14,123.52 for two, against $14,271.07 for the only other bidder. A formal award will be made as soon as approval of the PWA is obtained. Frank B. Leonard is the city engineer; Taylor & Taylor, consulting engineers. The bids were opened Apr. 16.

34— PARKS & PLAY-GROUNDS

PLANNED

EUREKA, Humboldt County, Calif —Work will be started shortly by the SERA for a new city park in Eureka. Work involves the construction of a rustic clubhouse, new roads, playground equipment, etc. The playground will be known at the William Carson Recreation Park.

33— WATER WORKS

BIDS OPENED

WALLA WALLA, Wash. — Valley Iron Works, Inc., Yakima, Wash., at $6650 submitted low bid to the Veterans' Administration, Room 764, Arlington Bldg., Washington, D.C., April 23, for deep well pump and pump house at the Veterans Administration Facility, Walla Walla, Wash. Complete bids follow:

Valley Iron Works, Inc., Yakima	$6650
Bingham Pump Co., Portland	6985
W. R. O'Rourke Plumbing & Heating Co., Walla Walla	7715
G. H. Sutherland Co., Walla Walla	7913
Gurban & Sinnott Corp., Portland	9649

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—Percy L. Burr, 320 Market St., at $27,054.68 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,842, for installing Section B of the Marina District extension to the Auxiliary Water Supply System for Fire Protection.

BIDS UNDER ADIVSEMENT

EUREKA, Humboldt Co., Cal.—All bids received by Eureka City Council April 23, for the construction of the Mad River Water Supply System are being held under advisement until the next regular meeting of the council May 7.

BIDS OPENED

TORRANCE, Los Angeles Co., Cal. —Chicago Bridge & Iron Works, 608 South Hill St., Los Angeles, at $26,265 submitted low bid to the Torrance city council April 23 for constructing a 250,000-gal. elevated steel tank and tower, 170 ft. in height. F. B. Leonard, city clerk.

The other bids were:

Pittsburgh Des Moines Steel Co., $27,440.

Tippit & Wood, Philipsburg, N. J., $28,700.

Consolidated Steel Corp., $28,950.

The three low bids were referred to the PWA state engineer for California.

CONTRACT AWARDED

SAN CARLOS, Arizona.—Kimball-Krogh Pump Co., division of Victory Equipment Co., 1010 E 62nd St., Los Angeles, was awarded the contract by the U. S. Indian Irrigation Service, Room 524, 751 S Figueroa St., Los Angeles, April 24, at $998.25 (fob San Carlos project) for furnishing and installing electric motor driven deep well turbine pump and pump house under Bid No. 0145.

EUREKA, Humboldt Co., Cal.—T. E. Connolly, 461 Market Street, and Hanrahan Co., Hobart Building, San Francisco, bidding jointly, at $503,145 for the headworks unit; American Concrete and Steel Pipe Corp., 4635 Firestone Blvd., Southgate, at $621,360.08 on the pipeline unit; and the American Concrete & Steel Pipe Corporation at $72,070 on the terminal reservoir, submitted the low bids to the Eureka City Council April 23, for the construction of the Mad River Water Supply System, including concrete arch dam, 20-mile pipeline and terminal reservoir.

Headworks unit includes construction of variable radius arch dam of reinforced concrete on a site on the Mad River about four miles south of Korbel and twenty-four miles from Eureka and outlet tunnel nine feet in diameter and 2400 feet in length thru rock formation to be concrete lined. Access road about 7 miles in length must be constructed by contractor, a portion of which will be over an existing logging railroad right of way, from which rails are to be removed. The dam will be 130 feet in height from foundation to crest and 550 feet in length at the crest.

The Pipe Line unit includes laying 46,100 feet of 24-inch redwood stave pipe, 39,600 feet of 24-inch steel pipe, 19,550 feet of 21-inch steel pipe and short lines of 18- and 12-inch pipe to connect existing portions of the distributing and storage system in the city of Eureka. Construction of two suspension bridges to carry the line across the Mad River and various small steel and concrete trestles across gulches is required. The pipe is to be laid above ground except for a section of 775 feet in tunnel near Arcata.

Complete total bids follow:

(A) T. E. Connolly Co., 461 Market St. and Hanrahan Co., Hobart Bldg., San Francisco (1) $503,145; (2) $646,983 (3) $73,900; total, $1,224,028. Stipulations: Will accept award of the pipe line unit alone, but will not accept the terminal reservoir unit alone.

(B) American Concrete & Steel Pipe Co., 4635 Firestone Blvd., Southgate: (1) $597,354.70; (2) $621,360.08; (3) $72,070; total $1,291,284.78. Stipulations: Will not accept headworks unit alone; will accept pipe line unit alone; will not accept terminal reservoir unit alone.

(C) Teufel & Carlson, Skinner Bldg. Seattle: (1) $526,189.50; (2) $608,615.40; (3) $65,340; total, $1,200,144.90. Stipulations: Will not accept award of headworks unit alone; will not accept pipeline unit alone; will not accept terminal reservoir alone.

(D) MacDonald & Kahn Co., Ltd., Financial Center Bldg., San Francisco (1) $542,899; (2) $655,176.25; (3) $63,240; total, $1,261,315.25. Stipulations: Will accept headworks unit alone; will not accept pipeline or terminal reservoir alone; will not accept pipe line or reservoir without hadworks unit.

(E) Mercer-Fraser, 2nd and Commercial Sts., Eureka; Bent Bros., Inc. 418 S. Pecan St., Los Angeles, and L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, bidding jointly: (1) $550,414; (2) $627,686.75; (3) $68,900; total $1,247,000.75. Stipulations: Will accept the headworks unit alone; will accept pipeline unit alone; will accept reservoir unit alone at an increase of 10% of unit prices bid

Bids were taken as follows:

HEAD WORKS UNIT

Excavation

(1) 27,000 c.y. Class I;
(2) 8,000 c.y. Class II;
(3) 3,000 c.y. Class III;

Foundation Grout Holes

(4) 1,000 l.f. drilling, per l.f.

(5) 60 grout pipe assemblies, each;
(6) 300 c.f. cement as grout, per c.f.;

Dam Structure

(7) 22,000 c.y. concrete per c.y., Class C;
(8) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;

Contraction Joints

(9) 3,800 l.f. grout pipe, per l.f.;
(10) 22 outlets assemblies, each,
(11) 1440 l.f. copper water stops, per lin. ft.;
(12) 1450 steel grout stops, per l.f.;
(13) 300 c.f. cement as joint grout mixture, per c.f.;
(14) by-pass pipe structure installed complete, lump sum;
(15) 22,000 lbs. reinf. steel installed, per pound;
(16) 16,600 lbs. structural steel, do;
(17) wier boards with chains installed complete, lump sum;
(18) foot bridge, installed complete, lump sum;

Tunnel, Excavated and Concrete Lined Complete, Except Steel

(19) 1980 l.f. of Section 1;
(20) 200 l.f. of Section 3A;
(21) 200 l.f. of Section 3-B;
(22) 400 l.f. steel tunnel supports left in place, per l.f. of tunnel;
(23) 486,000 lbs. reinforcing steel, per lb. installed;
(24) cement, in case of increase or decrease from specified requirements add or deduct, per c.f.;
(25) 100 grout pipe connections complete, each;
(26) 400 c.f. cement content of grout placed in tunnel section 3B per cu. ft.;
(27) 1500 c.f. of cement as cement content of gunite stabilizing coat of tunnel lining in place, per c.f.;

Tunnel Inlet Tower Excavation

(28) 16,000 c.y. Class A;
(29) 200 c.y. Class B;

Structure

(30) 420 c.y. Class B concrete, per c.y. in place;
(31) cement, in case of increase or decrease from specified requirements add or deduct, per c.f.;
(32) 34,000 lbs. reinforcing steel installed, per lb.;
(33) Control tower accessories including structural steel guides, stop logs, screens, ladders, vent pipe by - pass and drain pipes and valves installed complete, lump sum;
(34) wood cover installed complete with screens and railing, lump sum;
(35) foot bridge installed complete, lump sum;

Tunnel Outlet Portal Structure

Excavation

(36) 4000 c.y. Class A;
(37) 200 c.y. Class B;

Structure

(38) 50 c.y. Class B concrete in place, per c.y.;
(39) 15 c.y. Class C do;
(40) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(41) 8000 lbs. reinf. steel, installed per pound;
(42) 380 l.f. 24-in. dia. cleanout and outlet pipe, installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(43) 2 24-in. gate valves installed, ea.;
(44) 1 cast steel manhole frame and cover installed complete;
(45) 1 steel bulkhead installed, comp.;

PIPE LINE UNIT
Wood Stave Pipe

(46) 46,100 l.f. 24-in. continuous stave redwood pipe with 2 bands per l.f. installed complete on supports, per l.f.;
(47) 91,000 additional bands complete, installed, each;
(48) 500 c.y. excavation for drainage or stream channel change, per cu. yd.;

Suspension Bridges

(49) 330 c.y. foundation excavation, per c.y.;
(50) 550 c.y. anchor excavation, per cu. yd.;
(51) 630 l.f. piles in place in foundation, per l.f.;
(52) 390 c.y. Class B concrete, per cu. yd.;
(53) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(54) 16,000 lbs. reinf. steel in place, per pound;
(55) 43,500 lbs. structural steel in towers and cast steel saddles complete in place, per lb.;
(56) cables, suspenders, structural steel in anchors, the floor system, exclusive of pipe line complete in place. Crossing No. 2, lump sum;
(57) cables, suspenders, structural steel in anchors, the floor system, exclusive of pipe line complete in place. Crossing No. 3 lump sum;

Steel Pier and Girder Crossings

(58) 82,500 lbs. structural steel girders and piers erected in place, per lb.;
(59) 1500 lbs. reinf. steel in concrete piers in place, per lb.;
(60) 420 c.y. Class B concrete in footings, piers, abutments, and anchor and junction blocks including excavation place, per c.y.;
(61) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(62) 28 concrete piles in place, each;

Wood Stave Pipe Accessories

(63) 10 blow-off valve assemblies, installed complete, each;
(64) 100 lin. ft. 4-in. cast iron pipe in excess of 4 ft. in blow-off valve assembly, installed per l.f.;
(65) 29 air and vacuum valve assemblies, installed with housing, complete, each;
(66) 4 20-in. gate valves installed with housing complete, each;
(67) 1440 l.f. of plank foot walk on trestles, complete in place, per l.f. of trestle;

Lined and Concrete Coated Steel Pipe

(68) 39,600 l.f. of 24-in. dia. pipe line installed in trench, per lin. ft.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(69) 775 l.f. of 24-in. dia. pipe line in tunnel installed complete, includ. tunneling, timbering, concrete backing and earth cover, per lin. ft.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(70) 19,550 l.f. of 21-in. dia. pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(71) 1245 l.f. 18-in. dia pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(72) 1170 l.f. 12-in. dia. pipe line in trench installed per l.f.;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;

Under Water Crossings

(73) 62 piles, 20 ft .or less in length, in place, each;
(74) piling required in excess of 20 ft. in length in place, per l.f.;
(75) 510 l.f. concrete support for 24-in. dia. pipe, complete per l.f.;

EUREKA — Mad River Water Supply System — (City)

	(C)	(D)	(E)	(A)	(B)
(1)	$ 1.50	$ .95	$ .40	$ 1.00	$ .30
(2)	1.50	.50	1.25	1.10	.75
(3)	5.00	4.80	3.00	7.25	8.00
(4)	2.00	2.50	2.00	1.50	1.00
(5)	15.00	10.90	.95	4.50	3.50
(6)	1.50	1.18	2.25	3.25	2.00
(7)	9.00	13.90	12.15	10.65	12.00
(8)	.60	.78	.80	1.10	1.00
(9)	.50	.70	.85	.85	.60
(10)	10.00	7.50	14.00	4.50	5.00
(11)	2.00	.93	1.80	1.00	1.50
(12)	1.00	.66	1.10	.50	1.00
(13)	1.50	1.18	3.00	3.00	2.00
(14)	2,500.00	4,000.00	3,140.00	3,300.00	2,500.00
(15)	.06	.054	.062	.06	.05
(16)	.10	.092	.0725	.065	.07
(17)	1,800.00	2,000.00	1,650.00	1,500.00	1,250.00
(18)	1,500.00	2,500.00	1,660.00	2,200.00	1,500.00
(19)	53.00	68.50	50.00	63.00	70.00
(20)	55.00	75.00	61.00	68.30	81.00
(21)	60.00	80.00	64.00	72.70	81.00
(22)	30.00	1.20	16.50	17.00	1.00
(23)	.06	.045	.0665	.055	.04
(24)	.60	.78	.80	1.00	1.00
(25)	2.00	2.00	2.40	4.35	2.00
(26)	2.00	1.50	2.25	3.60	2.00
(27)	3.00	2.10	4.00	5.00	2.00
(28)	1.00	.35	.40	.58	.21
(29)	3.00	3.90	2.40	2.75	4.00
(30)	23.00	28.50	34.50	22.80	26.00

(Continued on Next Page)

(76) 75 l.f. concrete support for 21-in dia. pipe complete, per l.f.;
(76½) 400 l.f. timber grillage pipe support installed per l.f.;

Lined and Concrete Coated Steel Pipe Accessories

(77) 150 expansion joints, in excess of standard joint on 24-in. dia. pipe, each;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(78) 100 expansion joints, in excess of standard joint on 21-inch diam. pipe, each;
Alt. (a) centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) cement wrapped steel duroline pipe;
Alt. (c) cement wrapped bituminous lined steel pipe;
(79) 95 c.y. Class B concrete in anchor blocks in place, per c.y.;
(80) cement, in case of increase or decrease from specified requirements, add or deduct, per c.f.;
(81) 12 blow-off valve assemblies, installed complete, each;
(82) 21 air release and vacuum valve assemblies installed complete, each;
(83) 7 20-inch gate valves, installed with concrete encasement, each;
(84) 1 18-inch gate valve, installed with concrete encasement, each;
(85) 1 12 - inch gate valve, installed complete, each;
(86) 1 12-inch check valve, installed complete, each;

Concrete Manholes for Blow-off Valve Assemblies Complete of Two Types

(87) 6 MH with wood covers, each;
(88) 6 MH with C.I. frames and covers, each;

Concrete Manholes for Air Release and Vacuum Valve Assemblies, Complete, of Two Types

(89) 8 MH with wood covers, each;
(90) 13 MH with C.I. frames and covers, each;

Gate Valve Manholes Complete, of Two Types

(91) 4 MH with wood covers, each;
(92) 5 MH with C. I. frames and covers, each;
(93) chlorination bldg. complete with all appurtenances and equip., lump sum;

TERMINAL RESERVOIR UNIT

(94) 7800 c.y. reservoir excavation, per cu. yd.;
(95) reservoir unit, complete, except excavation, includ. moving and reconnecting of existing steel tank, constructing new reservoir with all inlet and outlet piping, control valves, overflow outlet and drain pipes, drains and manholes, etc., for the lump sum with the type of pipe proposed as follows:
Alt. (a) with centrifugal concrete lined and gunite coated steel pipe;
Alt. (b) with cement wrapped steel duroline pipe;
Alt. (c) with cement wrapped bituminous lined steel pipe.

(I) In case delivery of carload lots of material for incorporation in the Head Works Unit is made in any other manner than by rail shipment between Arcata and Korbel, then deduct the lump sum of .....

(II) In case delivery of carload material for incorporation in that portion of the Pipe Line Unit southerly from Engineers Station 180 is made in any other manner than by rail shipment between Arcata and Korbel, then deduct the lump sum of.....

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(31)	.60	.78	.80	1.10	1.00
(32)	.06	.06	.065	.06	.047
(33)	4,000.00	4,500.00	5,000.00	3,600.00	3,400.00
(34)	300.00	500.00	300.00	340.00	200.00
(35)	500.00	600.00	460.00	940.00	500.00
(36)	1.00	.75	.40	.58	.55
(37)	2.00	3.90	2.40	3.00	4.00
(38)	25.00	31.50	23.00	25.60	28.00
(39)	15.00	13.50	22.00	20.00	9.00
(40)	.60	.78	.80	1.00	1.00
(41)	.06	.045	.0675	.063	.04
(42a)	8.00	.....	.....	.....	5.00
(42b)	.....	5.20	.....	.....	.....
(42c)	8.00	.....	8.60	9.40	.....
(43)	600.00	500.00	785.00	727.00	480.00
(44)	100.00	105.00	150.00	50.00	100.00
(45)	300.00	215.00	300.00	800.00	220.00
(46)	3.40	2.85	2.77	8.50	2.85
(47)	.50	.40	.30	.33	.46
(48)	1.00	.60	1.00	1.13	.53
(49)	3.00	2.59	4.00	8.00	1.35
(50)	2.00	2.59	1.25	2.60	1.35
(51)	1.50	1.20	.70	2.60	1.55
(52)	20.00	13.80	16.25	25.60	18.60
(53)	.60	.90	.75	.95	1.00
(54)	.06	.053	.05	.063	.05
(55)	.10	.103	.08	.085	.08
(56)	15,000.00	11,330.00	10,000.00	11,300.00	10,850.00
(57)	16,000.00	11,330.00	10,700.00	11,800.00	11,000.00
(58)	.10	.088	.065	.06	.07
(59)	.06	.055	.06	.06	.05
(60)	20.00	24.60	17.00	34.00	20.55
(61)	.60	.90	.75	1.00	1.00
(62)	50.00	35.10	33.75	87.00	65.10
(63)	50.00	57.50	100.00	52.00	49.00
(64)	1.00	1.44	1.50	.85	1.05
(65)	200.00	230.00	175.00	222.00	210.00
(66)	400.00	493.35	450.00	431.00	362.50
(67)	.80	1.17	.50	1.50	1.00
(68a)	4.99	5.25	.....	.....	5.60
(68b)	.....	.....	.....	.....	.....
(68c)	5.04	.....	6.01	6.80	.....
(69a)	30.00	19.00	.....	.....	18.25
(69b)	.....	.....	.....	.....	.....
(69c)	30.00	.....	6.25	19.15	.....
(70a)	4.50	4.90	.....	.....	5
(70b)	.....	.....	.....	.....	.....
(70c)	5.24	.....	5.35	4.70	.....
(71a)	3.90	4.75	.....	.....	4
(71b)	.....	.....	.....	.....	.....
(71c)	4.73	.....	4.25	4.62	.....
(72a)	2.95	3.35	.....	.....	3.40
(72b)	.....	.....	.....	.....	.....
(72c)	.....	.....	3.22	4.53	.....
(73)	30.00	20.24	11.00	21.75	82.00
(74)	2.00	.55	.50	.50	1.00
(75)	40.00	38.50	25.50	34.00	33.90
(76)	40.00	38.50	25.50	34.00	32.50
(76½)	1.00	.85	1.00	1.20	1.00
(77a)	20.00	10.75	.....	.....	11.30
(77b)	.....	.....	.....	.....	.....
(77c)	30.00	.....	15.00	30.00	.....
(78a)	.....	10.00	.....	.....	10.50
(78b)	.....	.....	.....	.....	.....
(78c)	25.00	.....	14.00	25.00	.....
(79)	15.00	20.00	20.00	29.00	18.90
(80)	.60	.90	.75	1.00	1.00
(81)	20.00	96.80	90.00	53.00	42.10
(82)	275.00	272.00	150.00	287.00	200.00
(83)	375.00	440.00	460.00	431.00	362.50
(84)	280.00	391.60	290.00	323.00	326.00
(85)	100.00	193.60	125.00	159.00	158.00
(86)	125.00	160.40	135.00	136.00	132.50
(87)	135.00	133.65	130.00	204.00	146.75
(88)	150.00	239.80	140.00	172.00	172.75
(89)	125.00	161.70	105.00	151.00	185.50
(90)	135.00	198.55	115.00	103.00	186.75
(91)	100.00	230.45	100.00	151.00	185.50
(92)	125.00	206.80	110.00	103.00	186.75
(93)	5,000.00	4,347.00	5,100.00	5,300.00	4,000.00
(94)	.50	.65	.30	.30	.50
(95a)	70,000.00	67,000.00	.....	.....	65,000.00
(95b)	.....	.....	.....	.....	.....
(95c)	70,000.00	.....	63,000.00	60,900.00	.....
I deduct	6,700.00	6,700.00	.....	2,000.00	6,700.00
II deduct	.....	100.00	.....	.....	300.00

City Engineer Evan D. Gardner.
Consulting Engineer, C. C. Kennedy, Room 548, Call Bldg., S. F.

Bids were held under advisement. The combination of the low bids exceeds available appropriation and it is probable that the terminal reservoir portion of the project will not be undertaken at this time. The City Council has under consideration modifications of headworks and pipeline units which will permit award of contracts on these sections.

Section 435½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Ask PWA Aid for $56,000,000 S. F. Transit System

City Approves 10% Local Bid Preferential

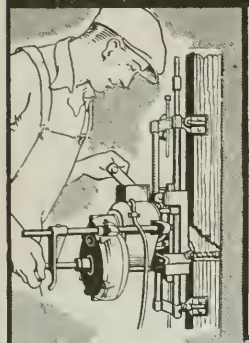
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

MAY 11, 1935

Vol. XVIII—No. 19

WAPPAT Electric TOOLS



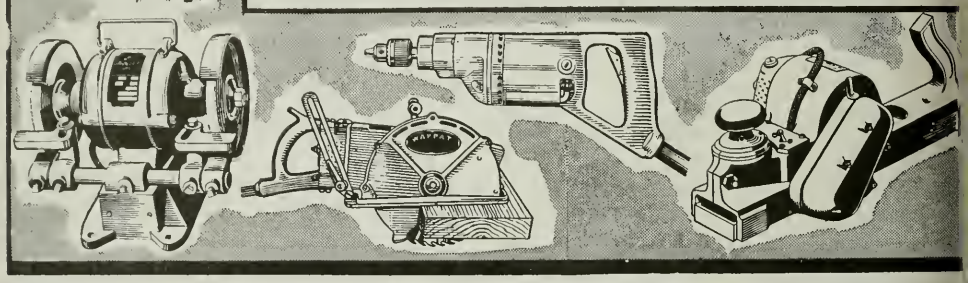
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MAY 11, 1935 No. 19

City Asks Federal Aid to Construct $56,000,000 Rapid-Transit System

Two municipal construction programs involving expenditure of $59,000,000 were presented in Washington yesterday by San Francisco public utilities officials seeking aid in the form of Federal grants from the four-billion-dollar work-relief fund. E. G. Cahill, manager of public utilities, presented the commission's plan for subway and surface construction to cost $56,000,000 in a conference with Assistant Administrator Philip Fleming of PWA. At the same time Bernard M. Doolin, manager of the municipal airport, submitted a request for government aid toward proposed $3,000,000 of improvements at the airport. The requests embody part of an inventory of municipal construction needs aggregating more than $150,000,000 recently outlined by Mayor Angelo Rossi in response to inquiries of the Federal government.

The city's subway system is proposed from a study made by the Public Utilities Commission at the request of the Board of Supervisors, who appropriated $25,000 for the survey. Four principal lines are recommended, Mr. Cahill stated in his presentation of the project. They are:

Market St. Subway: Two tracks under Market Street from east of Church St. to Second St., thence by a single loop under the San Francisco-Oakland Bay Bridge interurban terminal at Second and Minna Sts. to provide a direct connection for commuters. Six stations—2¾ miles of subway—cost, $19,200,000.

This Market St. subway would route street cars to the surface and into the Sunset Tunnel at Duboce Ave., and into the Twin Peaks Tunnel, thus providing faster transportation to the populous residential districts in the Sunset and west of the Peaks.

Mission Street Subway: Double tracks branching out from the Market St. subway at Van Ness Ave., and thence underground along Mission Street to Randall St.—a 2½ mile subway with six stations, costing $19,000,000.

Geary-Montgomery Streets Subway: A double track underground railway along Geary Street from Hamilton Square (just beyond Fillmore Street) to Market Street at Kearny, thence under Market to Montgomery—a subway out Montgomery to Columbus Ave., with a ramp and loop on the surface for the return trip. Five stations, 2½ miles of subway—$16,000,000.

Bernal Cut Surface Line: A new high-speed surface route branching off from the Mission Street subway, thence through Bernal Cut to Monterey Blvd., then over the old Southern Pacific rail right-of-way to Ocean View. Three miles of double track on private right-of-way—10 new cars to handle the traffic. Total cost, $2,000,000.

The city requests only a grant toward construction costs. The financing will be completed by a bond issue, Federal authorities were told. The ready market for San Francisco municipal securities has enabled the city to borrow money for other PWA projects at an interest rate considerably lower than the 4% loan heretofore offered by PWA.

As a consulting engineer for the rapid-transit project, Mr. Cahill announced he had engaged Robert Ridgeway of New York.

He estimated employment of 8,000 men for a period of two years in construction and $30,000,000 would be paid in wages. Right-of-way costs are figured at less than $1,000,000, leaving the balance of more than $55,000,000 for actual construction.

Plans offered to the Department of Commerce, Aeronautics Branch, and to public works authorities by Mr. Doolin for airport improvements call for construction of a seaplane base with additional hangars, landing field extension and paving.

NEW PUMP UNIT

The Decatur Pump Company, Decatur, Ill., announces a new product, the Niagarette - Burks water system, utilizing a Burks "super turbine" pump. Descriptive literature may be obtained by writing the manufacturer.

SCHOOL BIDDING PROPOSAL HIT BY CONTRACTORS

Excessive Cost of Figuring Plans if Measure is Enacted Protested

Protest against adoption of Senate Bill 886, relating to methods of receiving bids for school building reconstruction, has been entered by E. G. Johnson, chairman of the Building Industry Legislative Conference, on behalf of building contractors. The measure is now before the Assembly Committee on Education.

A copy of Mr. Johnson's statement for the building contractors was released yesterday in San Francisco by W. E. Hague, conference secretary. It follows in part:

"Building contractors, when submitting bids on school buildings are usually called upon to also estimate a number of alternates which is already a great burden on the bidder, and we feel that anything that can be done by the architects and awarding authorities, which in this case will be the school boards, to relieve this burden would be desirable both for the contractors and the awarding bodies.

"According to Senate Bill 886, contractors bidding on the reconstruction of school buildings would be required to submit three bids; one for the reconstruction work, one for the allowance made for salvaged material and one for the removal of salvaged material not used. The purpose for the proposed sections stated on page 2, lines 38 and 43 of the bill is economy of reconstruction and salvaging, and the speedy removal of unused materials.

"As a representative of the general contractors and also the specialty contractors of the state, and as a practical builder with more than thirty years' experience, I wish to state that in my opinion the three-fold purpose of the bill, as outlined above, can be accomplished just as well with the one proposal as with three. I, therefore, ask you kindly give favorable attention to the amendments which provide that the three items be included in the one proposal."

Voters Endorse 10% Preferential For San Francisco Manufacturers

A charter amendment endorsing a 10 percent preferential to shops manufacturing materials in San Francisco for the city's public works was passed by a large majority at the special election, May 2. The amendment was submitted at the request of local manufacturers and labor organizations, who contend outside firms have had an advantage in competitive bidding on the city's contracts due to generally higher local wage rates. The vote was Yes, 75,804; No, 46,905.

Following is the text of the amendment clause specifying local preference:

The Board of Supervisors shall have full power and authority to enact all necessary ordinances to carry out the terms of this section and may by ordinance provide that any contract for any public work or improvement, or for the purchase of materials which are to be manufactured, fabricated or assembled for any public work or improvement, a preference in price not to exceed ten percent shall be allowed in favor of such materials as are to be manufactured, fabricated or assembled within the City and County of San Francisco as against similar materials which may be manufactured, fabricated or assembled outside thereof. When any such materials are to be fabricated, assembled or manufactured by any sub-contractor or materialman for the purpose of supplying the same to any contractor bidding on or performing any contract for any public work or improvement said sub-contractor or materialman manufacturing, fabricating, assembling or furnishing said materials manufactured, assembled or fabricated within the City and County of San Francisco shall be entitled to the same preferential as would any original contractor or materialman furnishing the same if the Board of Supervisors shall by ordinance so provide. When any ordinance shall so provide any officer, board or commission letting any contract may in determining the lowest responsible bidder for the doing or performing of any public work or improvement add to said bid or sub-bid an amount sufficient not exceeding 10 percent in order to give preference to materials manufactured, fabricated or assembled within the City and County of San Francisco.

The same amendment establishes working conditions for public works contractors as follows: (1) eight hours shall be the maximum day; (2) wages shall be not less than the highest general prevailing rate in similar private employment; (3) laborers must be citizens of the United States; (4) laborers must be residents of the city and county not less than one year prior to entering employment on the contract, excepting that the contracting officer may waive residence qualifications upon a showing that there is insufficient local skilled labor of the type required.

The amendment applies to any public work or improvement to be paid for out of money in the city's treasury, whether done by direct or sub-contract, day-labor or by piece work.

ALAMEDA PLANS BID PREFERENCE TO LOCAL SHOPS

Supervisors Favor Differencial Similar To San Francisco Protective Act

Following San Francisco's lead in establishing a protective differential for local shops, the Alameda County Board of Supervisors yesterday indicated it shortly will enact an ordinance giving home-owned industry a 5 per cent preference on public work.

Supervisor George J. Janssen announced he would sponsor the ordinance. Other supervisors were reported informally to have approved it in principle.

The supervisors expressed themselves as considering the policy of restricting public work to bidders within the county to be sound.

The charter amendment approved by a large vote at the San Francisco municipal election last week enables the board of supervisors to enact an ordinance giving firms with local plants a preference of as much as 10 per cent of the bid price. It was supported by San Francisco factory and shop owners and local labor organizations which have protested repeatedly against the competition on local jobs from concerns outside the city.

HOISTING ENGINEER LICENSING PROPOSED

A bill introduced in the legislature by Senator Difani providing for licensing of stationary and hoisting engineers has been referred to the Governmental Efficiency and Economy Committee, but has not been set for hearing.

If this measure is enacted, operators of stationary engines, hoists and air compressors, with certain stipulated exceptions, will be required to obtain a license from the Commission This license would be issued to those at present so employed on payment of a fee of $5.00 and the license would be renewed annually thereafter on payment of $1.00. Those not at present employed in these occupations, before obtaining a license, would be required to pass an examination conducted by the Industrial Accident Commission.

LICENSE ACT STRENGTHENED BY NEW RULING

Attorney-General's Interpretation Broadens Registrar's Jurisdiction

Contractors working on a project, the total cost of which exceeds $200, must be licensed, even though the portion of the work done by each does not amount to $200, Attorney-General . S. Webb has ruled in an interpretation of the State Contractors License Law requested by the Registrar of Contractors. The effect of the ruling will be to extend consedirably the jurisdiction of the licensing authority, unless a court decision to the contrary is obtained.

In asking for an opinion, the registrar cited the following situation:

A citizen of Los Angeles has purchased a building already constructed, with the intention of moving it to another site. To carry out this intention he made a contract for the sum of $600 with Contractor "A" to move the building. Thereafter he contracted with Contractor "B" to construct a foundation and erect underpinning and do plastering for $152.

Later, while Contractor "B" was still working on his contract, the owner engaged Contractor "C" to make sewer connections and install plumbing for $90.

The attorney-general concurs in the opinion of the registrar that a state license is required of Contractors "B" and "C". He states in part:

"I think that the view of the Contractors' License Bureau is reasonable and in the absence of a court decision should be followed.

"The facts of the case as stated clearly indicate that all the work to be done upon the house on the new location by "B" and "C" is for the purpose of preparing it for a residence. The two contracts, therefore, together constitute one entire project or undertaking and their aggregate price exceeds $200.

"I am of the opinion, therefore, that Contractors "B" and "C" must each be licensed under the Contractors' License Law."

EAST BAY EMPLOYMENT MANAGER APPOINTED

The appointment of Mrs. Kathryn T. Bangs as Alameda County manager for the State Employment Service has been announced by Roy S. Stockton, chief of the Division of State Employment Agencies. Mrs. Bangs' appointment is in accordance with the program of reorganization of the division following acceptance by California of the Federal Wagner-Peyser Act, according to Mr. Stockton.

For the past several years Mrs. Bangs has directed activities of the Women's Employment Bureau, Community Chest Placement Agency, in Oakland

BIDS MAY 15 ON TWO NEVADA HIGHWAY JOBS

Advertise Road Construction Work in Elko, Esmeralda and Nye Counties

Bids on two Nevada highway contracts calling for construction of about 53 miles of roadway will be opened in Carson City May 15 by the Nevada State Highway Directors.

Under one contract approximately 42 miles of highway in Nye and Esmeralda counties will be constructed. The project is located between Beatty and three miles north of Springdale, and between Goldfield and six miles south of Stonewall Pass, on Routes 5 and 3, Sections H1, K2 and 3, A1 and 2, and B.

The work will require approximately 34,380 cubic cubic yards of roadway excavation; 60,442 station yards overhaul; reshaping 31.5 miles and finishing 41.8 miles of roadway; 1192 feet of corrugated metal pipe; 3405 tons of asphalt road material, and other items.

The other contract now out for bids calls for construction of 11.3 miles of the state highway system in Elko county between 25 miles north of Currie and 25 miles south of Wells. Location of the project is Route 13, Section B.

The work involves, among other items, clearing and grubbing about 96 acres; 102,300 cubic yards of roadway excavation; 10,893 station yards overhaul; subgrade and finish 11.3 miles of roadway; 33,500 tons crushed gravel or stone surface; 1,500,000 gallons water, and 2358 feet of corrugated metal pipe.

$100,000 Loaned In Berkeley for House Improvements

Loans under the terms of the Federal Housing Act have passed the $100,000 mark in Berkeley, according to Robt. E. Connolly, general chairman of the Berkeley better housing drive. The figure represents $1.28 per capita loaned, based on the 1930 census for the city, and gives Berkeley an excellent record in comparison with other cities, Mr. Connolly said.

The exact amount of loans closed at the end of last week was $105,636 loaned through regular channels, according to reports to the Chamber of Commerce. It is estimated that Berkeley repairs made without use of Housing Act loans have amounted to about $117,000 since the start of the drive.

Shipments of deep well water systems valued at $229,398 were reported to the Bureau of the Census during the first three months of 1935, as compared with $165,275 in the corresponding period last year.

San Jose School Building Planned To Cost Million

Additions to San Jose school plant to cost more than $1,000,000 are projected by school authorities. Construction of two new high schools is contemplated.

The district plans to obtain funds by sale of the site on which the high school now stands to the state to be used by the San Jose State Teachers College. It will receive insurance money shortly for replacement of the high school auditorium, destroyed by fire two months ago. Proceeds from these two sources together with an anticipated PWA grant would enable the district to complete its building program with a small bond issue, officials said.

S. P. Carloadings Gain Attributed To More Building

Increased carloadings of building materials are reported by the Southern Pacific company to the Federal Housing Administration as a result of stimulated building activity in California and other western states. In February, 1934, carloadings of building materials amounted to 10,878, while in February, 1935, carloadings were 13,126, an increase of 2,248, the company announced.

Another note of recovery in the building industry is reported by the FHA from the Southern California Edison Co. to the effect that more electric connections were made in the vicinity of Hermosa Beach in one month recently than in any year during the last five.

Increased building has strengthened the demand for plaster and 2,812,766 pounds of plaster were shipped during March by the Nephi Plaster and Manufacturing Co. of Nephi, Utah. This represents a 25 per cent increase over March, 1934, and a 50 per cent increase over March, 1933. In March of this year, 29 men were employed by the company, which was an almost 50 per cent increase over February.

PLAN $96,000 WORK IN WILLITS AREA

Expenditure of more than $96,000 is contemplated by property owners in Willits and the nearby territory, according to a report by SERA workers who started a survey of the area last week under the auspices of the Willits better housing committee.

The canvassers reported prospective loans amounting to $34,350, while approximately $61,800 of the work contemplated will be self-financed.

BIDS MAY 29 ON FIFTH ST. PAVING JOB

Highway Commission Advertises San Francisco, Alpine County Projects

SACRAMENTO, May 7. Bids on two contracts for highway work, including pavement widening and paving in the block on Fifth Street, San Francisco, opposite the vehicular approach to the Bay Bridge, will be opened here May 29 by the State Highway Commission. The other project authorized for advertising is located in Alpine county.

The San Francisco project involves one-tenth of a mile of pavement widening and paving with Portland cement concrete and asphalt concrete on Fifth Street between Harrison and Bryant Streets. The work will require, among others, major items of approximately 27,000 square feet of street grading; 1,400 tons crusher run base; 2,200 tons asphalt concrete; 690 cubic yards Portland cement concrete in pavement widening strips, curbs and sidewalks, and curb backing and ballast; moving and resetting side sewer traps, manhole frames and covers, catchbasins and street signs; and 330 ft. of 10-inch vitrified clay pipe sewer.

The other contract on which the commission asks proposals calls for grading and surfacing about 2.8 miles in Alpine county between the Nevada state line and 3.4 miles north of Woodfords. Surfacing will be with untreated crushed gravel or stone, and roadmix surface treatment is to be applied. The work involves about 23,000 cubic yards unclassified roadway excavation; 27,000 station yards overhaul; 11,100 cubic yards untreated crushed gravel or stone surfacing; 205 tons liquid asphalt; 1564 feet of corrugated metal pipe, and other items.

$185,000 PLEDGED IN NAPA CAMPAIGN

Pledges totaling $185,262 have been made by Napa property owners for repairs and new construction in that city's better housing compaign, which is to close this week, according to campaign supervisor J. Wesley Rutherford. Of the total amount pledged $74,500 was for new construction and the balance for modernization and improvements.

The possibility that the campaign might be carried into the rural districts near Napa was seen by Mr. Rutherford following a visit from Frank McVeigh of San Francisco, field representative in northern California for the Federal Housing Administration.

New orders for electrical goods booked during the first quarter of 1935, as reported to the Bureau of the Census by 78 manufacturers, were $121,814,226, as compared with $118,397,169 for the fourth quarter of 1934, and $92,302,215 for the first quarter of 1934.

State to Receive $25,000,000 For Central Valley Project Construction

Appropriation of $25,000,000 from Federal funds toward construction of the Central Valley Water Project is assured, state officials were informed at Washington, according to State Engineer Edward Hyatt. The report was telephoned to Sacramento by Mr. Hyatt and released by State Director of Public Works Earl Lee Kelly.

Minor changes will be necessary in the state legislation authorizing the project, Mr. Hyatt was informed, but the extent of the revision required was not learned at Sacramento.

Working under a special appropriation of $50,000 the State Division of Highways already is making surveys in the vicinity of Kennett Dam site for relocating the state highway and the Southern Pacific company engineers are surveying for a new railroad right-of-way.

Much preliminary engineering on the project has been completed in the years during which the state has been seeking a means of financing it and construction on some units could proceed within a few months after money is available.

Whether the President has accepted the project for construction and operation by a Federal agency or by the State still is unknown. The rivers and harbors authorization bill passed by Congress earlier this month included an item of $12,300,000 for Sacramento river work to be done under direction of the U. S. Engineers in connection with the project. This included $12,000,000 for participation in cost of Kennett Dam and $300,000 for navigation and flood control work on the river.

"The great impetus which the project will give to California's business and industrial life," said Earl Lee Kelly, state director of public works, "may best be illustrated by citing the following huge purchases of supplies which will be made:

"Structural steel, 114,543,000 lbs.; reinforcing steel, 20,809,000 lbs.; cement, 6,496,000 barrels; rock, 5,836,000 cubic yards; sand, 3,302,000 cubic yards."

STEEL HOUSE LOAN INSURANCE GRANTED

Granting of the first government insurance on a mortgage loan for construction of a steel house has been announced in Chicago by Carroll H. Sudler, district director of the Federal Housing Administration.

The structure is to be a two-story steel panel residence manufactured by General Houses, Inc., of Chicago. It has been purchased by an operative builder for erection in River Forest, a Chicago suburb, and is scheduled for completion in August. Amount of the mortgage loan is $12,500. General Houses already has built five houses of this type in the Chicago area.

OREGON ACT BARS PLANS BY BUILDERS

Amendment of Architectural Practice Law Restricts Granting Permits

Amendment of the Oregon state architectural practice act effective May 10 will prohibit granting of building permits for new work or alterations, excepting single-family dwellings and small structures, unless plans have been prepared by a licensed architect or engineer.

The buildings excepted from this regulation are single family dwellings, farm buildings, small structures auxiliary to a single family dwelling, including small garages up to three-car capacity, and other buildings not exceeding 4000 sq. ft. in ground area covered, the height of which from the top of the foundation to the rafter plate does not exceed 20 feet. The law applies similarly to alterations and repairs of buildings which involve structural parts, such as foundations, walls, floors, roofs, footings, bearing partitions, beams, columns and joists.

Commissioner of Public Works Ormond R. Bean in Portland said the building inspection bureau there would refuse permits after May 10 unless plans were prepared in accordance with the new act.

MOTHER LODE BELT REPORT PUBLISHED

A new report on the Mother Lode Belt, to replace and enlarge upon previous reports now out of print, is a recent publication of the Division of Mines of the State Department of Natural Resources. The report, which is Bulletin No. 108 of the division and is entitled "Mother Lode Gold Belt of California," is the result of six years of records research work and field examinations by Clarence A. Logan, district mining engineer, and contains geological, metallurgical, historical material as well as geological and claim maps.

Copies of the bulletin may be obtained from any of the offices of the Division of Mines at San Francisco, Sacramento, Redding or Los Angeles at $1.75 each, plus 15 cents postage when mailed.

NEW REGISTRAR FINDS LICENSE BUREAU BUSY

Bonelli In First Report To Governor Points To Gaining Registrations

Improved business conditions in the California building and construction industry are seen by Wm. G. Bonelli, recently appointed Registrar of Contractors, in his first monthly report to the Governor.

The report states, in part:

"While all trade indices point to an unmistakable upward trend in construction activities, the flood of applications for contractors' licenses pouring into the offices of your registrar offers further evidence of a more stable condition within the industry. In March, 460 licenses were issued, of which 406 were granted to persons entering the various branches of building and construction for the first time; in the first part of April, 301 licenses were granted, of which 255 went to new contractors. The total number of licenses issued by this Bureau for the fiscal year to date is 22,297 or only 173 behind the total of 22,470 for the entire fiscal year which ended June 30, 1934.

"From the above, there is every reason to believe that the number of licenses to be issued during the balance of this fiscal year will greatly exceed the total for the previous year.

"In taking over the duties of Registrar of Contractors and Director of the Department of Professional and Vocational Standards, I was greatly impressed by the many indisputable indications of improved conditions within this industry. Likewise, I was agreeably pleased to find the affairs of the Department and its relations with the various boards have been conducted in a very fine manner by my predecessor, Colonel Carlos W. Huntington, who has resigned to become president of Chemical Products, Inc., of California, manufactures of chemical and medical products and cosmetics, at Culver City. I anticipate continuing along the same general policies as established by Colonel Huntington."

MACHINERY SALES METHODS ANALYZED

Although production and use of industrial machinery have been developed to a high degree of efficiency, the means of distribution for this type of commodity is a comparatively neglected field, according to Bernard Lester, assistant industrial sales manager for Westinghouse Electric Company and author of the book, "Marketing Industrial Equipment." Mr. Lester's book is devoted to a discussion of efficient sales methods for production equipment.

WESTERN NRA HAS ADJUSTED 3000 COMPLAINTS

Compliance Council Here Handling 15 Code Cases Weekly Director Reports

Approximately 3,000 complaints against code violators have been adjusted satisfactorily by the western regional office of NRA since January 2, Donald Renshaw, western regional NRA director, reports.

A still larger number of complaints have been adjusted in the territory by code authority representatives of the various industries and there are 1971 complaints on hand in the eight western NRA state offices. These complaints are being investigated and prepared for adjustment or presentation to the Western Regional Compliance Council.

This council, which is handling on an average of 15 cases a week, occupies the same position in the west that the National Compliance Council does at Washington, D. C.

Workers in the eight western states had $52,918.01 added to their payrolls in April as a result of the operations of NRA, Renshaw stated. The sum represents additional amounts paid to workers who had been receiving less than code minimum wages. The total added to the payrolls of workers in the eight western states since January 2, he said, amounted now to $258,427.06. This sum was paid to 6743 workers, manual, skilled and "white collar."

NRA Approval of Cost Accounting Formula Required

Code authorities or NRA agencies who, through misunderstanding or otherwise, have attempted to enforce cost accounting provisions which have not been specifically approved by NRA have acted without authority it is stated in a letter dated April 10, to all code authorities, state and regional N R A directors and signed by W. A. Harriman, NRA administrative officer.

The letter points out that there are two types of cost formulas or cost systems—those that are mandatory and used in connection with selling - below - cost provisions in codes, and those that are premissive and used for educational purposes only to the extent found practicable.

Only mandatory systems which are integral parts of codes when approved, or those submitted to and specifically approved by NRA, are subject to enforcement, it is stated.

100,000 SEEKING JOB WITH PWA

With more than 100,000 applications for jobs on file, Public Works Administrator Harold L. Ickes has directed that no new applications in the PWA administrative organization be accepted, pointing out that there is no posaibility of giving employment to the thousands of persons whose applications have been on file for months.

Administrator Ickes explained that there will be no material increase in PWA personnel as a result of the new public works and work-relief program. The PWA administrative organization is now composed of a trained force of sufficient size to handle any part of the new program that is delegated to it for execution. Announcement already has been made that the new program will be carried on for the most part through existing Federal agencies

Authority Rules Draftsmen Exempt From Code Hours

Architectural and engineering draftsmen are not subject to the maximum hour provisions of the Construction Code, according to an explanation by the Construction Code Authority.

A practicing architect who is drawing plans for a large building project inquired whether draftsmen in his employ are governed by the hour provision or whether they are exempt.

The applicable regulations as to hours are those contained in Article III, Section 2 B of Chapter I There it is provided that no employee shall be permitted to work in excess of 40 hours per week, with certain exceptions and limitations, from which are exempt "employees engaged in professional, executive or supervisory work."

Explanation No. 34 by the Construction Code Authority follows:

"Architectural and engineering draftsmen in the performance of their accustomed duties when employed by members of the industry rendering professional service shall be deemed to be engaged in professional work and therefore exempt under the provisions of Article III, Section 2 B, 3 (a) from the maximum hours of labor prescribed by the code."

ELECTED

Walter T. Steilberg, architect and structural engineer, was elected to the Berkeley Board of Education at the municipal election Tuesday. Mr. Steilberg will fill the unexpired term of a resigned director.

SHEET METAL WAGE HEARING BY NRA MAY 14

Contractors and Union Submit Area Agreement For Ratification

Public hearing on a collective bargaining agreement for the Sheet Metal Contracting Industry will be conducted by the NRA Regional Compliance Council, May 14, at 10 o'clock, Will J. French, who will preside, announced yesterday. The hearing will be in Room 515, Humboldt Bank Building.

The proposed agreement is similiar to the recently concluded collective bargaining agreements in the Painting, Paperhanging and Decorating and the Plastering and Lathing Industries It will apply only to San Francisco and immediate vicinity, however, instead of being state-wide as is the case with the other two agreements.

It is sponsored by the Sheet Metal Contractors Assn. and Sheet Metal Workers and Roofers Union, Local 110.

The proposed agreement in the sheet metal contracting industry calls for a maximum 40-hour, five-day week and eight-hour day from 8 A. M. to 5 P. M. With a minimum wage rate of $1.10 an hour. Apprentices are to be paid $2.50 a day for the first six months of apprenticeship with 50 cents a day additional for each additional six months period until a five year apprenticeship is concluded, when they will be entitled to the journeyman's rate. Overtime is to be paid at double regular rates.

Suggestions or objections may be submitted to the NRA office, 785 Market St., San Francisco, up to May 11 with a copy forwarded to the NRA Board in Washington, D. C.

When such an agreement is concluded under the authority of the NRA Construction Code, it becomes Federal law and is enforceable by NRA.

VAPOR SPRAY METHOD CLEANS GUARD RAILS

Cleaning of guard rails and other roadside fixtures on Washington's state highways is done by the vapor-spray method, using a "Hypressure Jenny," according to Homestead Valve Mfg. Co. of Coraopolis, Pa., manufacturers of the equipment.

The equipment, including a Hypressure Jenny cleaner, 600-barrel water tank, motor generator and cleaning compound barrels, is mounted on a regular state highway department truck, and requires two men to operate.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
420	Shapiro	Owner	3000
421	Pacific	Owner	1500
422	Nelson	Owner	4000
423	Haase	Williams	3500
424	Pacific	Owner	14000
425	Mohawk	Fisher	1500
426	Roman	Mager	2735
427	Kilpatrick's	Equipment	3000
428	Barbash	Mullen	4800
429	Johnsen	Owner	8000
430	Bottarini	Del Carlo	4300
431	Truman	Anza	4000
432	McCarthy	Owner	3500
433	Romey	Malloch	3000
434	Dubels	Ruegg	4250
435	Galli	Owner	2750
436	Ferranti	Barsotti	2900
437	Protestant	Dinwiddie	47000
438	Dubels	Ruegg	4250
439	Galli	Owner	3500
442	Hallgren	Owner	4000
443	Andres	Sharman	3000
440	Stag	Mullen	7500
441	Raffino	Zinkand	8000
444	Luchi	Moriconi	8875
445	Grulin	Siegrist	1975
446	Lang	Heden	1200
447	Costello	Owner	2500
448	Janke	Grant	6000

DWELLING
(420) NE TINGLEY ST. 30 NW Cayuga. One-story and basement frame dwelling.
Owner—Daniel A. Shapiro, 656 18th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(421) NO. 431 SUTTER ST. Alter store.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by Engineering Dept. of Owner. $1500

DWELLING
(422) SW EIGHTEENTH AVE. AND Ulloa St. One-story and basement frame dwelling.
Owner—A. Nelson, 242 Ocean Avenue, San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(423) 11 MASON ST.; alter for restaurant.
Owner—Arnold Haase, Oxford Hotel, Turk and Mason Streets.
Architect — Albert R. Williams, 251 Post Street.
Engineer—W. Adrian, 417 Market St.
Supervisor of Const. — Williams and Grimes, 251 Post Street. $3500

FACTORY
(424) W NEWHALL 115 N Carroll; Class A special factory, 2nd unit.
Owner—Pacific Can Co., premises.
Engineers—Ellison & Russell, 712 Pacific Bldg. $14,000

SERVICE STATION
(425) SE PINE and MASON STS.; one-story steel service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg.
Architect—F. E. Barton, Crocker Bldg.
Contractor—M. Fisher and Son, 1255 Polk Street. $1500

ALTERATIONS
(426) 1311 28th AVE.; alter dwelling.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—John J. Foley, 770 5th Ave.
Contractor—Mager Bros. & Son, 1359 Fourth Ave. $2735

ALTERATIONS
(427) SE 16th ST and Shotwell; alter bakery.
Owner—Kilpatrick's S. F. Bakery, 255 Shotwell Street.
Engineer—A. Karl Leatherwood, 405 Valencia Street.
Contractor—Equipment Eng. Co., 3123 San Fernando Road, Los Angeles. $3,000

ALTERATIONS
(428) 400 GEARY ST.; alter restaurant.
Owner—Barbash & Bulasky, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $4,800

FLATS
(429) N BAY 155 E Fillmore; two-story frame flats.
Owner—Peder P. Johnsen, 1750 Bay.
Architect—Not Given. $8,000

DWELLING
(430) N EXCELSIOR 25 W London; one - story and basement frame dwelling.
Owner—Louis Bottarini, 1717 Filbert.
Architect—Not Given.
Contractor — Lorenzo Del Carlo, 119 Culebra. $4,300

DWELLING
(431) E 36th AVENUE 150 N Kirkham; 1-story and basement frame dwelling.
Owner—Ramon J. and Grace Morrill Truman, % contractor.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Anza Home Building Co., 1498 36th Ave. $4,000

DWELLING
(432) NW EIGHTEENTH AVE. & Vicente. One-story and basement frame dwelling.
Owner—John E. McCarthy, 1342 Funston Ave., San Francisco.
Architect—D. Jaekle, 126 Post St., San Francisco. $3500

ALTERATIONS
(433) NO. 5411 GEARY ST. Alter market.
Owner — A. J. Romey & Son, 2150 Chestnut St., San Francisco.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $3000

DWELLING
(434) S IRVING ST. 82 W 32nd Ave. One-story and basement frame dwelling.
Owner—L. T. Dubels, % Contractor.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco. $4250

DWELLING
(435) W SEVENTEENTH AVE. 260 S Rivera St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Architect—Not Given. $3750

DWELLING
(436) SE PHELPS AND EGBERT. One-story and basement frame dwelling.
Owner—Pia Ferranti, 1713 McKinnon St., San Francisco.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $2900

DIOCESE HOUSE
(437) SW TAYLOR AND SACRAmento Sts. Two-story concrete Diocese house.
Owner—Protestant Episcopal Diocese of Calif., Premises.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Engineers—T. Ronneberg and R. J. Fisher, Crocker Bldg., S. F.
Contractor — Dinwiddie Construction Co., Crocker Bldg. $47,000

DWELLING
(438) S IRVING ST. 107 W 32nd Ave. One-story and basement frame dwelling.
Owner—L. T. Dubels, % Contractor.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco. $4250

DWELLING
(439) W SEVENTEENTH AVE. 285 S Rivera St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(440) GEARY, KEARNY AND MARket Sts. Alter restaurant.
Owner—Stag Corp., 3 Kearny Street, San Francisco.
Architect—Mullen Mfg. Co., 60 Rausch St., San Francisco. $7500

FLATS
(441) E WEBSTER ST. 102 N Beach St. Two - story and basement frame flats.
Owner—Joseph Raffino, % Architect.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor — Ed. Zinkand & Son, % Architect. $8000

DWELLING
(442) S IRVING ST. 82 E 29th Ave. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(443) SW CROWN TERRACE AND Twin Peaks Blvd. One-story and basement frame dwelling.
Owner—F. O. Andres, % Contractor.
Architect—Not Given.
Contractor—Thos. K. Sharman, 3700 Broderick St., S. F. $3000

FLATS
(444) W FILLMORE ST. 274 S Retiro St. Two-story & basement frame flats.
Owner—Frank Luchi, 1670 Chestnut St., San Francisco.
Architect—R. R. Irvine, % Contractor
Contractor—G. Moriconi, 1670 Chestnut St., San Francisco. $8875

STORES
(445) S ELLIS ST. 137 W Taylor St. Class C stores.
Owner—M. Grulin, 604 Mission Street, San Francisco.
Engineer—Norman B. Green, Sharon Bldg., San Francisco.
Contractor — F. R. Siegrist, 604 Mission St., San Francisco. $1975

ALTERATIONS
(446) NO. 410 MISSISSIPPI ST. Alter dwelling.
Owner—Victor and Natalie Lang, 420 Mississippi St., San Francisco.

Architect—Not Given.
Contractor—Gustaf Heden, 824 Dolores St., San Francisco. $1200

DWELLING
(447) E THIRTY-SECOND AVE. 250 S Lawton St. One-story and basemento frame dewlling.
Owner—Laurence Costello, 382 27th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(448) SE GARCIA AND HERNANdez Sts. One-story and basement frame dwelling.
Owner — W. E. Janke, 64 Graystone Terrace, San Francisco.
Architect—Not Given.
Contractor — Lincoln U. Grant, 658 Third Ave., San Francisco. $6000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
260	Stout	Burke	2950
261	Warren	Owner	3500
263	Haller	Owner	5500
264	McLean	Scott	1350
262	Loustau	Owner	4500
265	Pond	Haulman	3000
266	Pond	Haulman	3000
267	Pond	Haulman	3000
268	Pond	Haulman	3000
269	Ingraffia	Church	5000
270	Sprouse	Burke	2000
271	Jestadt	Owner	1500
272	Bonds	Owner	5000
273	Schwartz	Thrams	4450
274	Batcheller	Armstrong	6250
275	Lunford	Lindgren	7000
276	Dowling	Owner	3500
277	Central	Pickrell	3000
278	Gilmore	Huggard	3000
279	Berkeley	Milton	1600
280	Peel	Owner	3500

DWELLING
(260) NO. 9963 LAWLER AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—Mrs. H. Stout, Premises.
Architect—Not Given.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $2950

DWELLING
(261) NO. 2521 FIFTY-SEVENTH Ave., **OAKLAND.** One-story five-room dwelling.
Owner—Weldon H. Warren, 2802 Fruitvale Ave., Oakland.
Architect—Not Given. $3500

DWELLING
(262) NO. 3341 FERNSIDE BLVD., **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—L. Loustau, 729 Taylor Ave., Alameda.
Architect—Not Given. $4500

DWELLING
(263) 6221 BUENA VISTA Ave., **OAKLAND;** two-story 6-room dwelling.
Owner and Builder—Paul H. Haller, 32 Evirel Place, Oakland.
Architect—Not Given. $5500

ADDITION
(264) 1353 SACRAMENTO ST., **BERKELEY;** addition.
Owner—O. McLean, premises.
Architect—Not Given.
Contractor—G. A. Scott, 685 23rd St., Oakland. $1350

DELLING
(265) NO. 1811 BAL STREET, **ALAMEDA.** One-story 5-room frame and stucco dwelling with tar and gravel roof.
Owner—The Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Oakland. $3000

DWELLING
(266) NO. 1015 BUENA VISTA AVE. **ALAMEDA.** One-story five-room frame and stucco dwelling with tar and gravel roof.
Owner—The Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3000

DWELLING
(267) NO. 1011 BUENA VISTA AVE., **ALAMEDA.** One-story five-room frame and stucco dwelling with tar and gravel roof.
Owner—The Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3000

DWELLING
(268) NO. 1017 BUENA VISTA AVE., **ALAMEDA.** One-story five-room frame and stucco residence with tar and gravel roof.
Owner—The Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $3000

REPAIRS
(269) NO. 1645 EIGHTY-FIRST AVE. **OAKLAND.** Repairs.
Owner—Mrs. Carmeal Ingraffia, Prem.
Architect—Not Given.
Contractor—A. A. Church, 3536 Allendale Ave., Oakland. $5000

ALTERATIONS
(270) NE TWENTY-SECOND AND Adeline Sts., **OAKLAND.** Alterations.
Owner—Sprouse Ritz Co., Premises.
Architect—Not Given.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $2000

DWELLING
(271) NO. 1800 ACTON ST., **BERKELEY.** One-story 3-room frame dwelling and garage.
Owner—B. J. Jestadt, 175 Brighton Ave., San Francisco.
Architect—Not Given. $1500

DWELLING
(272) NO. 465 VASSAR ST., **OAKLAND.** Two-story 6-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $5000

STORE BLDG.
(273) NO. 1845 SOLANO ST., **BERKELEY.** One-story Class C store building.
Owner—Henry Schwartz, 818 Northvale St., Berkeley.
Architect—Ray F. Keefer, 770 Wesley Ave., Berkeley.
Contractor—C. H. Thrams, 28 Home Place, Berkeley. $4450

DWELLING
(274) E CARTER ST., Lot 12 Blk 18, **OAKLAND.** Two-story seven room dwelling.
Owner—C. E. Batcheller, 5818 McAndrew Drive, Oakland
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $6250

ALTERATIONS
(275) NO. 321 HILLSIDE AVENUE, **PIEDMONT.** Alterations.
Owner—Dr. C. J. Lunford, Premises.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland $7000

DWELLING
(276) NO. 2811 OTIS DRIVE, **ALAMEDA.** One-story 5-room stucco dwelling with composition roof
Owner—S. J. Dowling, 2800 Clay St Alameda.
Architect—Not Given. $3500

DWELLING
(277) NO. 509 SANTA CLARA AVE., **ALAMEDA.** Two-story six-room redwood rustic dwelling with shingle roof.
Owner—Central Bldg & Loan Assn Park and Central Ave., Alameda
Architect—Not Given.
Contractor—J. H. Pickrell, 3322 Santa Clara Ave., Alameda. $3000

STATION
(278) NO 3100 LAKESHORE AVE., **OAKLAND.** One-story steel service station.
Owner—Gilmore Oil Co., Premises.
Architect—Not Given.
Contractor — John Huggard, Rialto Bldg., San Francisco. $3000

STATION
(279) NO. 3032 E-TWELFTH ST., **OAKLAND.** One-story brick and concrete service station.
Owner—Berkeley Guaranty Bldg & Loan Assn, 2101 Shattuck Ave., Berkeley.
Architect—R. C. Schuppert, Park Blvd., Oakland.
Contractor — B. Milton, 589 Haddon Road, Oakland. $1600

DWELLING
(280) NO. 30 TUNNEL ROAD, **BERKELEY.** Two-story 5-room frame dwelling.
Owner—M. A. Peel, 10 Oakvale Ave., Berkeley.
Architect—Shaw and McCool, San Francisco. $3500

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
91	Sullivan	Reichel	2458
92	Bell	Voelker	1850
93	Truman	Anza	6120
94	Schmidt	Mattock	6424
95	Schmidt	Raphael	1200
96	Schmidt	Ace	5487
97	Schmidt	Smith	2440
98	Hicks	Bienfield	1086
99	MacDermott	Hanson	166

ALTERATIONS
(91) NO. 88 SIXTH ST. (Delta Hotel) Furnish and install new low pressure firebox steam boiler and other plumbing and electrical work.
Owner—Sullivan Estate Co., Flatiron Bldg., San Francisco.
Architect—Not Given.
Contractor—C. R. Reichel Engineering Co., 743 Clementina St., San Francisco.
Filed May 2, '35. Dated April 23, '35. Steam boiler, water heaters, pumps and receiver and chimney flue delivered and in position $1000
When completed 950
Usual 35 days 500
TOTAL COST, $2450
Bond, $2548. Surety, Fidelity & Deposit Co. of Maryland. Limit, 40 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(92) NO. 476 TURK ST. All work for miscellaneous alterations to store.

Owner—John J. and Thomas F. Bell, Mills Bldg., San Francisco.
Plans by Engineering Dept. of Safeway Stores, Inc., Oakland.
Contractor—Henry Voelker, 805 Winchester Drive, Burlingame.
Filed May 2, '35. Dated April 29, '35.
Floor laid and partitions ready for plaster $462.60
All work roughed in & plastering done 462.50
When completed 462.50
Usual 35 days 462.50
TOTAL COST, $1850.00
Bond, $925. Sureties, E. Denke and Gust Jelm. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

DWELLING
(93) E 36th AVE 150 N Kirkham; 1-story and basement frame dwelling.
Owner—Ramon J. and Grace M. Truman, 1231 17th Ave.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Anza Home Bldg. Co., 1498 36th Ave.
Filed May 3, 1935. Dated April 30, 1935
When roof is on 25%
Brown coated 25%
Completed 25%
Usual 35 days 25%
TOTAL COST $6,120
Limit, 120 working days. Plans and Spec. filed.

ALTERATIONS
(94) SECOND and Bryant Sts.; alterations to offices (general work).
Owner—Schmidt Lithograph Co., 2nd and Bryant Streets.
Structural Engineer—Jesse Rosenwald 525 Market Street.
Contractor — A. F. Mattock Co. 212 Clara Street.
Filed, ... Dated, ...
When completed 75%
Usual 35 days 25%
TOTAL COST, $6,424.00
Bond, $3,212. Sureties, United States Guarantee Co. Limit, May 31, 1935. Plans and specifications filed.

(95) PAINTING ON ABOVE.
Contractor—Raphael Co., 270 Tehama.
Filed, ... Dated, ...
When completed 75%
Usual 35 days 25%
TOTAL COST, $1,200.00
Bond, $600. Owner, U. S. Fidelity and Guaranty Co. Plans and Spec. filed.

(96) HEATING and Ventilating on Above.
Contractor—Ace Sheet Metal Works, 444 Clementina Street.
Filed, ... Dated, ...
When completed 25%
Usual 35 days 25%
TOTAL COST, $5,487
Bond, $2,743.50. Sureties, Standard Accident Ins. Co. Limit, 30 calendar days. Plans and Spec. filed.

(96) ELECTRIC WORK on Above.
Contractor — Smith Electric Co., 975 Howard Street.
Filed, ... Dated, ...
When completed 25%
Usual 35 days 25%
TOTAL COST, $2,440
Bond, $1,220. Sureties, Coast Surety Corp. Plans and Spec. filed.

ADDITION
(98) NO. 549 EL CAMINO del Mar. All work for construction of library on rear of dwelling.
Owner—Emil B. Hicks, Premises.
Architect—Chas. F. Maury, 681 Market St., San Francisco.
Contractor—Daniel L. Bienfield, 666 Mission St., San Francisco.
Filed May 8, '35. Dated May 7, '34.
Roof boards in place $543.00
When completed 271.50
Usual 35 days ..... Balance
TOTAL COST, $1086.00
Bond, $1050. Surety, Maryland Casualty Co. Limit, 35 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(99) NO. 176 BELVEDERE ST. All work for painting exterior woodwork and metal work on front repair roofing of dwelling.
Owner—Mrs. Laura M. MacDermott, Premises.
Architect—Not Given.
Contractor—John E. Hanson.
Filed May 8, '35. Dated Feb. 16, '35.
HOLC Contract .....
TOTAL COST, $166.65
Bond, $166.65. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Specifications only filed.

ALAMEDA COUNTY

24	Lunsford	Pollard	1620
25	Lunsford	Lindgren	7030

(24) 321 HILLSIDE AVE., Piedmont; painting.
Owner—Dr. C. P. Lunsford, 3115 Webster St., Oakland.
Architect—F. E. Barton, 412 Bellevue St., Oakland.
Contractor—W. H. Pollard, Jr., 1006 Hubert Road, Oakland.
Filed, ... Dated, ...
Upon completion 75%
Usual 35 days 25%
TOTAL COST, $1620
Specifications filed.

(25) ALTERATIONS and additions on above residence.
Contractor—Lindgren and Swinerton, Inc., 225 Bush St., San Francisco.
Filed, May 4, '35. Dated, May 3, '35.
Frame up 25%
When plastered 25%
Completion 25%
Usual 35 days 25%
TOTAL COST, $7030
Limit, 50 days. Plans and Specifications filed.

SAN FRANCISCO UNDER $1000

ALTER flats, $50; 53 Guerrero Street; owner, Mrs. Balcera, Prem.; contractor, Roy Lind, 54 Stanton St.
BILLBOARD, $25; S 16th St., Howard to Shotwell St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; NW Folsom and 14th Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER store, $250; 564 Geary St.; owner, H. Levin, Prem.; contractor, E. Rosemont, 176 Duboce Ave.
SIGN, electric, $300; 248 Powell St.; owner, Maxine Menning, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $400; NE Powell and Market Sts.; owner, Owl Drug Co., 657 Mission St.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER dwelling, $150; 1325 Somerset St.; owner, J. P. Jensen, 1329 Goetingen St.
ALTER flats, $200; 2565 Polk St.; owner, Mr. Obertello, Premises.
RETAINING wall, $350; 3276 Market St.; owner, Mrs. Lewis, Prem.; contractor, S. A. Chase, 80 Douglas St.
SIGN, electric, $100; 3459 17th Street; owner, Temple Baptist Church, 3459 17th St.; contractor, Neon Sign Service Co., 1707 Folsom St.
REPAIR fire damage to flats, $500; 2817 24th St.; owner, A. Coleman, % Capital Co., 625 Market St.; contractor, Fred J. Early Jr., 369 Pine St.
ALTER store, $900; 207 Front Street; owner, Kittle Estate, 210 California St.; contractor, Phoenix-Simpton Co., 520 6th St.
ALTER dwelling, $209; 209 Anderson St.; owner, Phillip Landinie, 209 Anderson St.; contractor, Victor Oliva, 2731 24th St.
BILLBOARD, $6.25; S Ellis St. 165 W Larkin St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; SW Market and Eureka Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; SE Union and Buchanan Sts., west wall; owner, Foster & Kleiser Co., 1675 Eddy.
ALTER flats, $100; 1995 Turk Street; owner, Mrs. M. N. Feigenbaum Premises.
SIGN, electric, $100; 1200 Webster St. owner, Eddie Huse, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
SIGN, electric, $200; 220 Stockton St. owner, Atlas Drugs, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $50; NE Third and Townsend Sts.; owner, Continental Lunch, Prem.; contractor, Elec. Prods. Corp.; 255 Golden Gate Ave.
SIGN, $55; 1041 Market St.; owner, Weinstein Co., Premises; contractor, L. Goldberg, 1085 Golden Gate
ALTER flats, $250; 329 Richland St.; owner, Mr. Goldberg, Premises.
ALTER loft building, $375; 149 Mason St.; owner, New England Mutual Life Ins. Co., Flatiron Bldg.; contractor, A. M. Hardy, 736 Clementina St.
ALTER delivery service building, $550 600 Gough St.; owner, United Parcel Service, Prem.; architect, W. D. Peugh, 333 Montgomery; contractor, Paul K. Jones, 666 Mission
ALTER dwelling, $550; 960 Potrero Ave.; contractor, Victor Oliva, 2731 24th St.
FLUES, $100; 266 Waller St.; owner, C. Anderson, Prem.; contractor, General Sheet Metal Works, 1529 Pine St.
ALTER apartments, $500; W Leavenworth St., bet. Filbert and Greenwich Sts.; owner, Bauer & Schweitzer, 669 Sacramento St.
GARAGE, one-story frame private, $150; SE 14th Ave. and Rivera St. owner, N. Dolan, 353 Rivera St.
BILLBOARD, $12.50; NW Valencia & 15th St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; SW Bay Shore and Steuben St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; NE Bay Shore and Industrial St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER store, $500; 1548 Polk Street; owner, Howard Wilson, Premises.
ALTER offices, $500; 315 Montgomery St.; owner, Commercial Union-Ocean Group, Prem.; plans by A. B. Christensen, Premises.
BILLBOARD, $6.25; Gore Monterey and Circular Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $450; 2247 Chestnut St.; owner, F. F. Leitner, 1435 Ulloa St.
BILLBOARD, $6.25; SW Judah St. & 21st Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; W Third St. 150 S Paul St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $500; 203 Clement St.; owner, Mr. and Mrs. J. Budesa, Premises.
BILLBOARD, $12.50; NW Judah and 22nd Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; W Valencia St. 89 N 16th St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

3— CHURCHES

Contract Awarded.
PARISH HALL Cost, $——
LONE PINE, Inyo Co., Calif.
One-story wood frame parish hall (26x 42 feet).
Owner—Trinity United Church (Rev. D. L. Mounts, Pastor).
Architect—Not Given.
Contractor—Charles I. Sumner, Lone Pine.

Excavation Contract Awarded
DIOCESAN HOUSE Cost, $50,000
SAN FRANCISCO. SW Taylor and Sacramento Streets.
Two-story reinforced concrete diocesan house (slate roof, steam heating system, steel sash, etc.)
Owner—Protestant Episcopal Dioceses of California, Premises.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Structural Engineers—T. Ronneberg and R. J. Fisher, Crocker Bldg.
Contractor — Dinwiddie Construction Co., Crocker Bldg.
Grading—Sibley Grading & Teaming Co., 165 Landers St.

Plans Being Figured.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. Divisadero Street near Haight Street.
Alterations to church (alter residence for church auditorium to seat 100).
Owner—Old Westminister Independent (Walter Fairbairne in charge of the construction).
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.

4— FACTORIES & WAREHOUSES

Plans Completed.
FACTORY Cost, $15[illegible]
SAN FRANCISCO. W Newhall 115 N Carroll.
Class A special factory (2nd unit).
Owner—Pacific Can Co., premises.
Engineers—Ellison & Russell, 712 Pacific Building.

Owner Taking Bids.
FACTORY Cost, $12,000
SAN FRANCISCO. NW Bryant and Oak Grove.
Class C industrial building.
Owner—O. J. & L. M. Williams, premises.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.

CONTRACT AWARDED
LOS ANGELES, Cal. — Kubach-Snyder Co., 2225 E. 37th St., Los Angeles, awarded general contract at $262,541 for construction of a one-story walnut storage warehouse (700x 120 feet) on the south side of Fruitland Avenue, between Pacific Blvd. and Soto Street, for California Walnut Growers Association. All work is included in the general contract except the electric wiring and the plumbing, a contract for the latter having been awarded to Lohman Bros., 232 S. Spring St. The electric wiring has not yet gone out for bids. McClintic-Marshall Corporation will furnish and erect the structural steel. Albert C. Martin, 233 Higgins Bldg., architect.

Plans Being Prepared.
DIST. PLANT Cost, $——
STOCKTON, San Joaquin Co., Calif. West Buena Vista N Western Pacific tracks.
Gasoline distributing plant (tanks, pipe lines, office building, pump house, etc.)
Owner—Hancock Oil Co., P. O. Box 810, Long Beach.
Plans by Engr. Dept. of Owner (H. S. Halloway in charge).

Brick Bids Being Taken.
MILK PLANT Cost, $——
ORLAND, Glenn Co, Calif.
Two-story brick and steel milk dehydrating plant (62x102 feet); steel stairways.
Owner—Golden State Creamery Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Constr. — E. W. Perkins, 425 Battery St., San Francisco.
Owner now receiving brick bids.
As previously reported, steel contract awarded to Kyle & Co., Fresno

Contract Awarded.
ALTERATIONS Cost, $6520
SALINAS, Monterey Co., Cal. Market and Mill Streets.
Alterations to distributiing plant.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — J. C. Warrington, 719 19th St., Pacific Grove.

Contract Awarded.
ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Cal. 1060 Mono Street.
Alterations to cannery.
Owner—California Packing Corp., G and Tulare Sts., Fresno
Plans by Engineering Dept. of Owner.
Contractor—F. J. Stone, Mason Bldg., Fresno

Construction Under Way.
ADDITION Cost, $——
ROMA, San Joaquin Co., Cal. Pet. Victor and Lodi.
Addition to Winery.
Owner—Roma Winery.
Architect—Not Given.
Contractor — Louis Franceschi, 2750 Webster St., San Francisco.

5— FLATS

Plans Being Completed.
FLATS Cost, $11,500
SAN FRANCISCO. W Fillmore St. N Chestnut Street.
Two-story and basement frame and stucco residence (2 6-room flats) tar and gravel roof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Mrs. Rose Cincotta
Architect—S. Heiman, 605 Market St., San Francisco
Bids will be asked in about three weeks.

Contract Awarded.
FLATS Cost, $5300
SALINAS, Monterey Co., Cal.
Two-story frame and stucco flats (2 4 room flats); tile and composition roofing, gas hot air heating system, wood sash, tile baths, hard wood floors, etc
Owner—H. F. Foote
Architect — Chas. Butner, 51 Maple St., Salinas.
Contractor—Vincent Moore, Salinas.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. E Webster Street 102 N Beach Street.
Two - story and basement frame and stucco flats.
Owner—Joseph Raffino, % architect.
Architect—A. H. Knoll, Hearst Bldg.
Contractor—Ed Zinkand and Co., 667 36th Avenue.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. W Fillmore St. 274 S Retiro Way.
Two - story and basement frame and stucco flats.
Owner—Frank Luchi, 1670 Chestnut.
Architect—R. R. Irvine, 3431 Market.
Contractor—G. Moriconi, 1670 Chestnut Street.

Sub-Bids Being Taken.
FLATS Cost, $10,000 each
SAN FRANCISCO. E 23rd Avenue 150 N Geary.
Three two-story and basement frame and stucco flats (6 rooms, 2 baths each) tile and composition roofing, canvas walls, wood sash, hardwood floors, tile baths, steam heating systems, etc.
Owner—L. S. Boisson.
Architect—R. R. Irvine, 3431 Market.
Contractor — Miller and McGillis, 527 19th Avenue.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $2,000
SAN FRANCISCO. SE Pine and Mason Streets.
One-story steel service station.
Owner—Mohawk Petroleum Co., Financial Center Bldg.
Architect—F. E. Barton, Crocker Bldg
Contractor—M. Fisher and Son, 1255 Polk Street.

Contract Awarded.
ALTERATIONS Cost, $2588
SACRAMENTO, Sacramento Co., Cal. Twenty-first and Y Streets.
Alterations to service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—L. F. Gould, 1623 O St., Sacramento.

Sub-Contracts Awarded.
ALTER STATION Cost, $——
SANTA ROSA, Sonoma Co., Calif. Johnson and Mendocino Streets.
Alterations to service station (electrical work, plumbing, painting, etc.)
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Concrete—A. M. Hildebrandt, Healdsburg Highway, Santa Rosa.

Electric—H. W. Jacobs, 316 B Street, Santa Rosa.
Plumbing and Piping—P. A. Dont, Sebastopol Road, Santa Rosa.

Contract Awarded.
SERVICE STATION Cost, $4,000
PALO ALTO, Santa Clara Co., Calif 400 High Street.
Service station.
Owner—Peter Mullen, Highway and Alta Mesa Road, Palo Alto.
Lessee — Associated Oil Co, 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco

Sub-Contracts Awarded.
SERVICE STATION Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2943 Broadway.
One-story steel service station.
Owner—Union Service Stations, Inc.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early Jr., 366 40th St., Oakland.
Plumbing — L. J. Kruse, 6247 College Ave., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Electric—T. L. Rosenberg, 411 Webster St., Oakland.

Plans Completed.
ALTERATIONS Cost, $2500
SANTA ROSA, Sonoma Co., Cal. Hinton Avenue.
Alterations to service station (new greasing equipment, etc.)
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $7000
ALAMEDA, Alameda Co., Cal. Webster St. and Buena Vista Ave.
One-story steel and brick service station.
Owner—General Petroleum Corp. Parr Terminal, Oakland.
Plans by Engineering Dept. of Owner.
Contractor—P. C. Stolte, 3455 Laguna Ave., Oakland.

Contract Awarded.
SERVICE STATION Cost, $2,000
OAKLAND, Alameda Co., Cal. 3032 E 12th Street.
One-story brick and concrete service station.
Owner—Berkeley Guarantee Bldg. and Loan Assn., 2101 Shattuck Ave., Berkeley.
Architect—R. C. Schuppert, Park Blvd., Oakland.
Contractor—B. Milton, 589 Haddon Rd. Oakland.

7— FEDERAL BUILDINGS

BIDS OPENED
VISALIA, Tulare Co., Cal.—Neuman Bros., McMinnville, Oregon, at $830 submitted low bid to the Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. post office, Visalia.
Complete bids follow:

Neuman Bros., McMinnville	$ 830
Patterson Bros., Oakland	832
Raphael Co., San Francisco	981
Arthur M. Gelden, Chicago	994
Pittsburg Paint Store, Visalia	1,900
Bids held under advisement.	*

BIDS OPENED
ELKO, Nevada.—Arthur M. Gelden, Chicago, Ill., at $1,044 submitted low bid to Treasury Department for painting the plaster, etc., at the United States Post Office at Elko.
Complete bids follow:

Arthur M. Gelden Chicago	$1,044
W. E. Jarvis, Chicago	1,093
Peterson Bros., Oakland	1,112
Patterson Bros., Oakland	1,112
Bids held under advisement.	*

BIDS WANTED
CANAL ZONE—Until June 29, bids will be received by Chief Quartermaster, Panama Canal, Balboa Heights, Canal Zone, for the construction of the following concrete and wood buildings at Gatun, Canal Zone:
Ten one-family quarters.
23 two-family quarters.
One official-type quarters.
The Panama Canal will furnish all material going into the structures; the contractor will furnish material for forms, scaffolding, etc.
Detailed plans available in the Canal Zone only.
For copies of specifications apply to The Panama Canal at either Balboa Heights, Canal Zone, or Washington, D. C.

BIDS WANTED
MARCH FIELD, Riverside County, Cal.—Until May 10, 10 A. M., bids will be received by the Constructing Quartermaster, March Field, for the construction of covers and ramps to four ordnance magazines at March Field The work involves excavating and backfilling, reinforced concrete walls, floors and canopies, miscellaneous iron and steel and painting.
Plans and specifications obtainable from quartermaster upon deposit of $10.00.

CONTRACT AWARDED
OREGON CITY, Oregon.—Neuman Bros., McMinnville, Ore., at $497.00 awarded contract by Treasury Department, for painting plaster, etc., at the U. S. post office, Oregon City.

PLANNED
SAWTELLE, Los Angeles Co., Cal. —Veterans' Administration this week authorized the expenditure of $3,240,000 for improvements to the Soldiers' Home in Sawtelle. A portion of the funds has been allocated for the following work: Partial replacement of barracks, $1,365,000; alterations to provide administrative space, $80,000 (contract awarded last week); warehouse, $65,000; remodel tuberculosis annex, $200,000; female domiciliary, $185,000. Twelve to fifteen building projects are proposed for the entire Sawtelle improvement program. The administration also authorized the expenditure of $84,000 for improving the veterans' hospital at San Fernando and large sums for hospitals at Tucson, Livermore and Palo Alto. Plans for the buildings will probably be prepared by the Veterans' Administration in Washington, D. C., or in Palo Alto. While it has not been definitely determined how construction will be handled, it is possible that labor will be provided by the SERA or a similar government agency.

Revised Plans Being Completed.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal. D and Third Streets.
One - story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast stone steps, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
On previously bid opening lowest bid was submitted by Wm. Spivock, Hobart Bldg., San Francisco, at $35,500
New bids will be asked shortly.

Bid Opening Date Postponed.
MARE ISLAND, Cal.—Until June 5, 11 A. M., (date postponed from May 22nd) bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing necessary apparatus to equip four boilers, Nos. 11 to 14 inclusive, to natural gas operation and for furnishing (but not installing) the necessary apparatus to equip two boilers, Nos. 9 and 10 for natural gas operation, all in the Central Power Plant, Building No. 121 at the U. S. Navy Yard, Mare Island. Specification No. 7920.
Plans and specifications may be obtained from above office and from the Chief of the Bureau of Yards and Docks, Washington, D. C., upon deposit of $5.00.

Plans Being Prepared.
POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
Three-story and basement Post Office building (80x83 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

8— CLUB BUILDING

Contract Awarded.
LODGE Cost, $4,000
PALO ALTO, Santa Clara Co., Calif. University Ave. and Florence St.
Owner—Palo Alto Masonic Temple Association.
Architect—Henry C. Collins, Deckerock Bldg., Palo Alto.
Contractor—R. W. Follmer, 465 Lytton St., Palo Alto.

Bid Opening Date Postponed Until May 14, 5 P. M.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, NE Valencia and Clinton Park.
Alterations to lodge rooms.
Owner—First Serbian Benevolent Society.
Architect—Dodge Riedy, 821 Market.
Following have procured plans:
Monson Bros., 475 Sixth St.
J. Harold Johnson, 639 Brannan St.
Miller & McGillis, 527 19th Avenue.
M. E. Vukicevich, 666 Mission St.
J. Martinelli, 666 Mission Street.

9— HOSPITALS

Segregated Bids Being Taken.
ADDITION Cost, $14,000
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) asbestos shingle roof; team heating system to connect to main plant, tile and linoleum floors, etc. (90x39 feet).
Owner—Dr. C. W. Weaver, Memorial Hospital (Brigadier W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.

BIDS WANTED
SAN FRANCISCO.—Until May 17, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing steel work for the San Francisco Hospital (unemployment relief).
Work involves:
(1) steel work for porches on fourth floor of T. B. bldg.;
(2) steel work for porches of Ward No. 19, T. B. bldg.;
(3) steel work for windbreak on roof of T. B. bldg.;
(4) 125 pieces of steel sash, 4 ft. 2⅝-in. wide x 4-ft. 8-in. high, 12 lights, 4 wide, 3 high, 12x18 glass, ⅝-in. holes drilled for T-bar connections, 4 each side.
Specifications and proposal blanks may be obtained from above office

10— HOTELS

CONTRACT AWARDED

SAN FRANCISCO — C. R. Reichel Engineering Co., 743 Clementina St., at $2450 awarded contract by Sullivan Estate Company, Flatiron Bldg., for furnishing and installing new low pressure firebox steam boiler and other plumbing and electrical work at the Delta Hotel, 88 Sixth St., San Francisco.

Plans Being Prepared.

ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Eighth and J Streets.
Alterations to Windsor Hotel (new stores on ground floor, offices, etc)
Owner — California - Western States Life Insurance Co.
Architect — George Sellon, California State Life Bldg., Sacramento.

12— POWER PLANTS

TO ASK FUNDS

EL CENTRO, Imperial Co., Cal.—M. J. Dowd, Chief Engineer, has been authorized by the directors of the Imperial Irrigation District to make application to the Public Works Administration for a loan of $13,500,000 to finance the construction of a hydro-electric power system along the All-American Canal.

CONTRACT AWARDED

COOLIDGE, Arizona.—Consolidated Steel Corp., Ltd., 6500 East Slauson Ave., Los Angeles, awarded contract by U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, at $6230.30, for furnishing and erecting structural steel frame work for a building to house a Diesel generating station at the San Carlos Project, near Coolidge, under Bid No. 0165.

BIDS OPENED

COOLIDGE, Arizona.—Bids for furnishing and erecting structural steel frame work for a building to house a diesel generating station at the San Carlos Project, near Coolidge, Ariz., Bid No. 0165, are as follows:

Allison Steel Mfg. Co., Phoenix: (1) $6640 fob cars Phoenix, $6815 fob Coolidge; weight, 117,000 lbs. No discount. Shipment 25 calendar days; Coolidge, within 35 calendar days; (2) $5.85 cwt.; total, $117.00.

Atlas Scraper & Engr. Co.: (1) $7,950 fob cars Bell, Calif., $8470 Coolidge. Delivery, shipping point, 25 calendar days; at Coolidge, 28 calendar days. Weight, 120,000 lbs.; (2) $150. Discount, ½ of 1% 10 days.

Consolidated Steel Corp.: (1) $5980 Los Angeles, $6642 Coolidge. Delivery Los Angeles, 30 calendar days; Coolidge, 30 calendar days. Erected ten calendar days after notice to proceed. Weight 117,000 lbs.; (2) 5c lb.; $100 No discount.

Pennsylvania Iron & Steel Co.: (1) $7657, Los Angeles, $8172 Coolidge. Delivery Los Angeles 25 calendar days Coolidge, 27 calendar days. Wt. 120,000 lbs.; (2) $136.20. Discount, ½ of 1% 10 days.

Truscon Steel Co.: (1) $5842.34 fob Youngstown, Ohio, $6898.34 Coolidge. Delivery Youngstown, 25 calendar days, Coolidge, 35 calendar days. Wt. 120,420 lbs.; (2) $4.754 cwt. Youngstown, $5.634 Coolidge.

Contract Awarded.

ADD POWER PLANT Cont. Price, $21,689
PULLMAN, Washington. University of Washington Campus.
Addition to power plant (steam-turbo alterations, condensers, auxiliaries, switch board and switch gear, steam piping, spray cooling pond, flushing water pipe line and additions to hydraulic laboratory) reinforced concrete foundations, brick walls, 35x50 feet; 2 1250 kw. turbo - generators, concrete and cast iron pipe & other equipment.
Owner—University of Washington.
Engineer — George H. Krueger, 403 Douglas Bldg., Seattle.
Contractor — William Petersen, 2940 Eastlake St., Seattle.
Complete bids published April 8.

BIDS WANTED

COOLIDGE, Arizona.—Until May 17 2:30 P. M., bids will be received by U. S. Indian Irrigation Service, Rm. 524, 751 S. Figueroa St., Los Angeles, for furnishing and erecting corrugated asbestos roof, on steel frame work furnished by government, oil electric generating plant to be located on the San Carlos Project No 261 near Coolidge. Bid No. 0169. Drawings, specifications and forms for submitting bids may be obtained at the above office Note: Bidder's attention is also called to the change of maximum time for erection of the roof. Revised specifications allow for 10 calendar days maximum time instead of five calendar days as originally specified.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

SITE SELECTED

SAN FRANCISCO—Endorsement of Yerba Buena Shoals as the site for an exposition in 1938 to celebrate completion of the San Francisco-Oakland and Golden Gate bridges was voted at a special election. The vote was 79,197 in favor of the Shoals site to 47,719 opposed. Preliminary surveys and estimates on the Exposition have been prepared for the Bridge Exposition board of directors by Geo. Kelham, 315 Montgomery St., and W. P. Day, Financial Center Building.

To Ask Material Bids.

ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Cal.
Alterations and additions to city hall (construct new wing and remodel present building).
Owner—City of Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Mgr. of Constr.—C. W. Wilke, Roseville.
City will purchase lumber, steel and cement in the near future.

Plans Completed.

ALTERATIONS Cost, $——
ROSS, Marin Co., Calif.
Alterations and additions to fire house (add bedrooms, etc.)
Owner—Town of Ross.
Architect—S. Heiman, 605 Market St., San Francisco
Upon approval of plans bids will be asked.

Additional Sub-Contracts Awarded.

COURT HOUSE Total Cost. $1,568,873
OAKLAND, Alameda Co., Cal. Fallon Twelfth, Oak and 13th Streets.
Twelve-story fireproof court house (structural steel frame, reinforced concrete, walls, permanent and earthquake - resistive, plumbing, heating, ventilating, electric work elevators (to house all county offices and courts) three lower floors to be 176x245 ft. and upper floors 116x116 feet.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bdg., Oakland (GLencourt 2902).
Consulting, Mechanical and Electrical Engineer—G. M. Simonson, 20 Loreta Ave., Piedmont.
Contractor—George Wagner, 181 So. Park, and K. E. Parker, 135 South Park, San Francisco, $948,574.
Electrical Work — Roy M. Butcher, 1020 Sherwood Ave., San Jose.
Asphalt, Tile and Cork—L. S. Case, 7th and Daggetts Sts., San Francisco.
Plastering—Wm. Makin, 2111 Livingston St., Oakland
Stack Equipment—M. G. West, 117 Front St., San Francisco.
Marble—Jos. Musto Sons-Keenan Co., 535 North Point St., San Francisco.
Toilet Partitions—Munthe Equipment Co., 7 Front St., San Francisco.
Other awards previously reported.

Material Bids Wanted.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.), auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Joseph Losekann, 1218 W Harding St., Stockton.
Materials are being purchased by the City of Lodi. SERA will furnish labor. Closing date will be announced within a few days.

BIDS OPENED

SAN FRANCISCO — Western Asbestos Co., 675 Townsend St., at $1115 submitted low bid to Department of Public Works for acoustical correction for band practice room No. 10, San Francisco War Memorial. Complete bids follow:

(1) Wrap vertical walls of corner and center piasters Nos. 1, 2, 3, 4 from floor to soffitt of ceiling duct with with ½-inch rockwool. (add).

(2) Apply Quietile to the three ceiling panels of Room 10. (add).

Western Asbestos Co.		$1115
	(1)	95
	(2)	447
Acoustical Engineering Co.		1325
	(1)	120
	(2)	420

Bids held under advisement.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $4,000
ALAMEDA, Alameda Co., Calif. 509 Santa Clara Avenue.
Two-story frame residence (6 rooms) redwood rustic exterior, shingle roof, etc.
Owner—Central Building & Loan Association, Park and Central Ave., Alameda.
Architect—Not Given.
Contractor—J. H. Pickrell, 332 Santa Clara Ave., Alameda.

To Be Done By Day's Work.

RESIDENCE Cost, $4,000
ALAMEDA, Alameda Co., Calif. 2811 Otis Drive.
One - story and basement frame and stucco residence (5 rooms).
Owner & Builder—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $4000
SAN MATEO, San Mateo Co., Calif. No. 605 W. Poplar Avenue.
Alterations to frame residence.
Owner — John C. Storey, 221 Clark Drive, San Mateo.
Architect—Not Given.
Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Plans Being Figured.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Cal. Mt. View and Grand Avenues.
Two-story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfield.
Architect—S. Heiman, 605 Market St., San Francisco.
Date of opening bids will be set within a few days.

Contract Awarded.
REIDENCE Cost, $4000
RICHMOND, Contra Costa Co., Cal. W. 30th St., bet. Roosevelt and Clinton Streets.
One-story frame residence.
Owner—Oscar Holland, El Cerrito.
Architect—Not Given.
Contractor, George S. Tandy, 673 38th St., Richmond.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Cal. No. 3 Seville Way.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Williams Co., 315 Primrose Ave., Burlingame.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $1100
SAN MATEO, San Mateo Co., Calif. No. 12 Tenth Ave.
Alterations to residence.
Owner—Edith Boden, 38 Third Ave., San Mateo.
Architect—Not Given.

Bids Rejected—Plans To Be Revised
RESIDENCE Cost, $5500
SALINAS, Monterey Co., Cal. Maple Park.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floor, tile bath, etc.
Owner—Mr. Foust.
Architect—Chas. Butner, 51 Maple St. Salina.
Bids ran high and were rejected. Plans will be revised and new bids asked in about three weeks.

Contract Awarded.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); tile shake roof, oil burner heating system, wood sash, canvas walls, knotty pine trim, hardwood floors, tile baths, etc.
Owner—W. F. Wallace.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st St., Oakland.

Planned.
RESIDENCES Cost, $4,000 each
SAN MATEO, San Mateo Co., Calif. San Mateo Terrace.
Group of sixty residences.
Owner and Builders—G W Williams Co, 315 Primrose Road, Burlingame
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $3,500
BERKELEY, Alameda Co., Cal. Coventry Road.
Two - story wood frame residence
Owner—Mrs. Lucille Kirwan.
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
ALAMO, Contra Costa Co, Calif.
Two - story wood frame residence (shingle roof).
Owner—Mr. Rusk.
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.
Contractor — Clarence Bradhoff, 911 55th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal.
Two - story and basement frame and brick veneer residence (8 rooms, 4 baths) shake exterior on second story, shingle roof, oil furnace, hardwood floors, tile baths, etc.
Owner—D. Chas. Von Gildern, Medico-Dental Bldg., Sacramento.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—W. B. Ladue, 2319 O St., Sacramento.

Contract Awarded.
ALTER RESIDENCE Cost, $1,000
BERKELEY, Alameda County, Calif. Hawthorne Terrace.
Alterations to residence, new garages, etc.
Owner—Stewart Daggert.
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.
Contractor — Clarence Bradhoff, 911 55th St., Oakland.

Plans Being Figured—Bids Close May 14, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO, Divisadero near Greenwich St.
Two-story and basement frame and stucco residence (7 rooms and 1 bath).
Owner—J. H. Talbott.
Architect—Farr & Ward, 68 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (20 rooms and 9 baths) shake roof, air conditioning hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—George Hotaling.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story and basement brick veneer residence (9 rooms and 4 baths), shake roof, gas furnace, wood sash, hardwood floors, tile baths, etc.
Owner—Arthur Kates.
Architect—Gardner Dailey, 210 Post St., San Francisco
Contractor — R. S. Siverberg, 405 Montgomery St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. 30 Tunnel Road.
Two-story frame and stucco residence (five rooms).
Owner—M. A. Peel, 10 Oakvale, Berkeley.
Architect—Shaw & McCool, 9 Geary St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO, S Irving Street 82 E 29th Avenue.
One - story and basement frame and stucco residence.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO, S Irving St. 107 W Thirty-second Avenue.
One-story and basement frame and stucco residence.
Owner—L. T. Dubels, % Contractor
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco

Contract Awarded.
RESIDENCE Cost, $3500
SAN FRANCISCO, SE Phelps and Egbert Streets.
One-story and basement frame and stucco residence.
Owner—F. Ferranti, 1713 McKinnon St.
Architect—Not Given.
Contractor—Arturo Barsotti, 1499 Quesada St., San Francisco.

Segregated Bids Being Taken.
RESIDENCE Cost, $10,000
APTOS, Santa Cruz Co., Cal.
Two-story and basement frame residence (batting exterior, shake roof, six fireplaces, Colonial type) 10 rooms and 3 baths.
Owner—W. W. Bendell.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.

Plans Being Completed.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. San Lorenzo Street.
One-story and basement frame and stucco residence (5 rooms) wood shingle roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.
Bids will be asked in about 1 week.

Plans Being Figured—Bids Close May 14, 12 Noon.
RESIDENCE Cost, $9500
BAYWOOD, San Mateo Co., Cal.
One and one-half-story frame and stucco residence (8 rooms and 3 baths) shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect — F. F. Amandes, 1879 18th Ave., San Francisco.
Aetna Construction Co., 166 Miramar Ave., San Francisco, is figuring the plans.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO, W 17th Ave. 285 S Rivera.
One - story and basement frame and stucco residence.
Owner and Builder—R F. Galli, 1574 28th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 465 Vassar Street.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given.

Construction Started
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and brick veneer residence (12 rooms, 4 baths) terra cotta shingle roofing, gas fired steam heating system, canvas walls, hardwood floors steel wood sash, tile baths, etc.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor—W. E. Lyons, 354 Hobart Street, Oakland.

Contract Awarded.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1645 Eighty-First Ave.
Alterations to residence.
Owner—Mrs. Carmeal Ingraffia, 1645 81st Ave., Oakland.
Architect—Not Given.
Contractor—A. A. Church, 3336 Allendale Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5175
SACRAMENTO, Sacramento Co., Cal Swanston Park (Unit 2).
Two-story frame residence.
Owner—Chester N. and Lillie-Mae McClanahan,925 Third St., Sacramento.
Architect—Not Given.
Contractor—J. C. Hansen and R. H. Suter, 308 Oakmont Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. SW Crown Terrace and Twin Peaks Blvd.
One - story and basement frame and stucco residence.
Owner—F. O. Andres, % contractor.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700 Broderick Street.

Plans Being Completed.
RESIDENCE Cost, $6,500
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two - story frame and stucco model home (6 rooms, one bath) shingle roof, gas furnace, tile bath, hardwood floors, steel sash, etc.
Owner—Better Housing Campaign Committee.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Bids will be asked in about 2 weeks.

Contract Awarded.
RESIDENCE Cost, $—
MARTINEZ, Contra Costa Co., Cal. Arlington Way.
Two-story frame and stucco residence (7 rooms).
Owner—R. R. Arnold, County Engineer, Martinez.
Architect—Not Given.
Contractor—E. Parsons, Premises.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Calif. 6221 Buena Vista Avenue.
Two - story and basement frame and stucco residence (six rooms).
Owner and Builder—Paul H. Haller, 31 Evirel Place, Oakland.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. 1311 38th Avenue.
Alterations to frame residence.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect—John J. Foley, 770 5th Ave.
Contractor—Mager Bros. & Son, 1359 Fourth Avenue.

Contract Awarded.
RESIDENCE Cost, $6120
SAN FRANCISCO. E 36th Ave. 150 N Kirkham Street.
One - story and basement frame and stucco residence.
Owner—Ramon J. and Grace M. Truman, 1231 17th Ave.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Anza Home Building Co., 1498 36th Ave.

Contract Awarded.
RESIDENCE Cost, $15,000
WATSONVILLE, Santa Cruz Co., Cal.
Two-story frame residence (11 rooms, 3 baths) Colonial style; rustic exterior, wood roof, tile baths, gas hot air heating system, tile sun room, tile kitchen.
Owner—Dr. John Harkins, Watsonville.
Architect—Not Given.
Contractor—Friend & Resh, P. O. Box 743, Watsonville.

May 6, 1935

Contract Awarded.
ALTERATIONS Cost, $7,030
PIEDMONT, Alameda Co., Calif. 321 Hillside Avenue.
Alterations and additions to a frame residence.
Owner—Dr. C. J. Lunsford, 3115 Webster St., Oakland.
Architect—F. E. Barton, Crocker Bldg San Francisco.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. N Excelsior 25 W London St.
One - story and basement frame and stucco residence.
Owner—Louis Bottarini, 1717 Filber*
Architect—Not Given.
Contractor — Lorenzo Del Carlo, 119 Culebra Street.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 1127 W. Elm St., Lake Park.
One-story and basement frame and stucco residence.
Owner—F. P. Dobson, 1150 W. Harding St., Stockton.
Architect—Not Given.
Contractor — F. P. Dobson, 1150 W. Harding St., Stockton.

Preparing Preliminary Plans.
RESIDENCE Cost, $15,000
SAN FRANCISCO. Clarendon Heights.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); tile roof, steam heating system, hardwood floors, tile baths, canvas walls, etc.
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two - story frame and stucco residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Geo. Patton Simonds, 192 Main St., Hayward.

Contract Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner—B. E. Batcheller.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor — J. R. Armstrong, 1131 Fleet Road, Piedmont.

Plans Being Figured—Bids Close May 20, 6:00 P.M.
RESIDENCE Cost, $—
OAKLAND, Alameda Co., Cal. Claremont Pines; Margarido Drive.
Two-story and basement frame and stucco residence (10 rooms and 3 baths); shingle roof, gas furnace, hardwood floors, tile baths, etc.
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th St., Oakland.
Following have procured plans:
A. Cederborg 1455 Excelsior Blvd Oakland.
George Windsor, 928 Kingston Ave Piedmont.
David Nordstrom, 4159 Emerald St. Oakland.
F. C. Stolte, 3155 Laguna Ave., Oakland.
Separate bids on the heating system will be taken at a later date

To Be Done By Day's Work.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 3341 Fernside Blvd.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—L. Loustau, 729 Taylor Ave., Alameda.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal. No. 2020 Waverly Street.
wo-story and basement frame and stucco residence.
Owner—Mrs. Heinrich Schmidt.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433 Palo Alto.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal. Parrott Drive.
Owner—Dr. Mulligan 2957 20th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. J. Herzig, 635 Victoria St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
SALINAS, Monterey Co., Cal.
One-story and basement frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, steel sash, hardwood floor, tile baths, etc.
Owner—I. B. Cornett.
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor—Frank Lawton, Salinas.

Plans Completed.
RESIDENCES Cost, $—
SAN MATEO, San Mateo Co., Aragon Tract.
Two two-story frame residences (six room and 2 baths each).
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Willis Polk Co. (Angus McSweeney, Architect) 604 Mission St., San Francisco.
Construction will start immediately.

Contract Awarded.
RESIDENCE Cost, $3,000
OAKLAND, Alameda Co., Cal. 2963 Lawler Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—Mrs. H. Stout, premises.
Architect—Not Given.
Contractor — C. E. Burks, 4129 Randolph Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Calif. 2521 57th Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—Weldon H. Warren, 2820 Fruitvale Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. SW 18th Avenue and Ulloa Street.
One - story and basement frame and stucco residence

Owner and Builder — A. Nelson, 212 Ocean Avenue.
Architect—Not Given.

Plans Being Figured.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Dr. D. J. Frazier, 532 15th St. Oakland.
Architect — E. L. Snyder, 2102 Shattuck Ave., Berkeley.
Plans are being figured by one contractor only.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
REDWOOD CITY, San Mateo Co., Cal. 432 Alden Street.
Two-story frame duplex (five rooms, two baths).
Owner and Builder—Frank Stollar, 990 Bay St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. Tingley and Cayuga Streets.
One-story and basement frame and stucco residence.
Owner & Builder—Daniel A. Shapiro, 656 18th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,000
ALAMEDA, Alameda Co., Calif. 1811 Bay Street.
One - story and basement frame and stucco residence (5 rooms) tar and gravel roof, gas hot air heating system, hardwood floors, etc.)
Owner—Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded.
RESIDENCE Cost $4,000 each
ALAMEDA, Alameda Co., Calif. 1015 and 1017 Buena Vista Ave.
Owner—Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded.
RESIDENCE Cost, $4,000
ALAMEDA, Alameda Co, Calif. 1011 Buena Vista Avenue.
One - story and basement frame and stucco residence (5 rooms) tar and gravel and tile roof, hardwood floors, gas, heating system, etc.)
Owner—Jessie P. Pond Co., 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded.
RESIDENCES Cost, $——
SAN CARLOS, San Mateo Co., Calif.
Two one-story frame and stucco residences (5 rooms each).
Owner—Withheld
Architect—Not Given
Contractor—F. Butterfield and J. Kappler, San Carlos

Contract Awarded.
ADDITION Cost, $1,000
RICHMOND, Contra Costa Co., Calif. 610 35th Street.
Rear addition to residence and greenhouse.
Owner—W. R. Stuckey, 610 35th St., Richmond.
Architect—Not Given.
Contractor—Pat Pearson, 508 Riverside Ave., Richmond.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
STOCKTON, San Joaquin Co., Calif. 418 East 8th St.
Alterations to frame residence.
Owner—W. B. Prasher, premiscs
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co, Cal. 11th Street near St. James.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—N. Petersen, 255 N 11th St., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co., Cal. 1345 Fremont Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—Ormal W. Dodd 1107 Glen Ave., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Cal. 536 Losse Court.
Two-story frame and stucco residence (7 rooms).
Owner—Fred Thomas, 420 S 14th St., San Jose.
Architect—Not Given.
Contractor—Whiteside Bros., 71 South 19th St., San Jose.

Plans Completed.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Calif. Mt. View and Grand Avenues.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfield.
Architect—S. Heiman, 605 Market St. San Francisco.
Bids will be asked May 8

Preparing Plans.
ALTER RESIDENCE Cost, $- —
BERKELEY, Alameda Co., Cal. Regal Road.
Alterations to residence.
Owner—Mrs. Phillips.
Architect—Ed. A. Nickel, 1852 San Antonio Road, Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO. S El Camino Del Mar 120 E Lake Street.
Two - story and basement frame and stucco residence.
Owner—Harry Allen, 290 Sea Cliff.
Architect — Hyman and Appleton, 69 Post Street.
Contractor—D. A. Bienfield, 666 Mission Street.
Grading—Sibley Grading & Teaming Co., 165 Landers Street.
Concrete — Pacific Coast Aggregates, 85 Second Street.
Cement—Santa Cruz Portland Cement Co., Crocker Bldg.
Lumber—Beronio Lumber Co., Powell and Beach Streets.
Mill Work—National Mill & Lumber Co., 230 California Street.
Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Plastering — Marconi Plastering Co., 1737 Beach St.
Tile—Art Tile & Mantel Co., 221 Oak.
Ornamental Iron — Industrial Ornamental Iron Works, 552 Noe St.
Structural Iron — Judson Pacific Co., 609 Mission St.
Reinforcing Steel—Soule Steel Co. 1750 Army Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
(6697) 1st report April 26, 1935. 14

May 8, 1935

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. W 17th Ave. 260 S Rivera Street.
One-story and basement frame and stucco residence.
Owner and Builder—R. F. Galli, 347 28th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, 4500
SAN FRANCISCO. S Irving St. 82 W 32nd Avenue.
One-story and basement frame and stucco residence.
Owner—L. T. Dubels, % Contractor.
Architect—Not Given.
Contractor—The Ruegg Co., 369 Pine St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal Vernon Street.
Two-story and basement frame and stucco residence (5 rooms and 2 baths); tile and composition roofing, steel sash, gas hot air heating system, hardwood floors, tile baths, etc.
Owner — Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Plans Being Figured—Bids Close May 14.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story wood frame summer home (5 rooms and 2 baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $20,000
HEALDSBURG, Sonoma Co., Cal.
Two-story and basement frame and stucco residence (11 rooms and 5 baths); tile roof, hot air heating system, air conditioning system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—John I. Easterly, 302 Grant St., Healdsburg.

15— SCHOOLS

BIDS WANTED

LOS ANGELES, Cal.—Until May 24, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two one-story, frame and stucco school buildings to be built at the Santa Barbara Avenue School, 3990 S. Western Avenue. Walker & Eisen, 347 S. Hill St., Architect. Cost, $75,-

LOW BIDDERS

LONG BEACH, Los Angeles Co., Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, submitted low bid on general contract (using salvaged materials) to Long Beach Board of Education, at $167,337, for construction of buildings A, E and C at the Alexander Hamilton Junior High School. Low bids on other contracts were: Egge Elec. Co., 2222 E. Fourth St., Long Beach, electric wiring, $12,200; Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $9605, and on plumbing, $19,755. Cecil Schilling, architect and A. Schilling, 145 Linden Ave., Long Beach.

LOW BIDDER

LOS ANGELES, Cal.—J. R. Lippincott, 4311 S. Arlington Ave., submitted low bid to Los Angeles Board of Education, at $39,800 for reconstruction, rehabilitation and strengthening of the main building (less the 1931 addition) at the Burnside Avenue School 415 Burnside Ave. P. P. Lewis, 1063 Westwood Blvd., West Los Angeles, architect, and Grant & Burner, 007 Ferguson Bldg., structural engineer.

LOW BIDDERS

LONG BEACH, Los Angeles Co., Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, submitted low general bid to Long Beach Board of Education at $79,599 for construction of units 1, 2 and 4 at the U. S. Grant School site. Low bidders on other contracts were: Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $4317; E. Willardson, 2407 Tesla Terrace, Los Angeles, plumbing, $7265; B. Hartman, 168 E. Sunset St., Long Beach, electric wiring, $6098. Jas. R. Friend, 210 Laughlin Theatre Bldg., Long Beach, architect.

TO ASK BIDS SHORTLY

TUCSON, Ariz.—University of Arizona will call for bids in less than 30 days for the first two buildings to be erected on the college campus in Tucson as part of a new construction program to be financed by the Public Works Administration. A classroom building and a museum, estimated to cost $300,000 and $65,000, respectively, are to be built at this time. Other improvements will follow later this year. Roy Place, 11 E. Pennington St., Tucson, architect.

LOW BIDDER

LOS ANGELES, Cal.—L. E. Dixon Co., 609 S. Grand Ave., submitted low bid to Los Angeles board of education at $51,742 for reconstruction, rehabilitation and strengthening of the science building at the Benjamin Franklin high school, 820 N. Avenue 54. F. R. Schaefer, 1105 Kerckhoff Bldg., architect.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until May 29, 4 P. M., bids will be received by Walter L. Bachrodt, Secretary, City Board of Education, for heating of the Grant School Building in San Jose.

Plans and specifications are on file in the office of the City Superintendent of Schools.

Sub-Contracts Awarded

SCHOOL Cont. Price, $143,780
SAN FRANCISCO. Kirkham St. bet. 42nd and 43rd Avenues.
Two-story reinforced concrete school building (18 classrooms) tar and gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Wm. Mooser, Monadnock Bldg.; Edward Eames, 353 Sacramento St. and Douglas D. Stone, 110 Sutter St.
Structural Engineer—James H. Smith 251 Kearny Street.
Contractor — Dinwiddie Const. Co., Crocker Building.
As previously reported mechanical work and plumbing awarded to Scott Co., 243 Minna St., at $19,300; electric work to Spencer Electric Co., 233 Monadnock Bldg., at $11,520.
The following sub-contracts submitted with the bid of Dinwiddie Const. Company:
Reinforcing Steel—Soule Steel Co., 1750 Army St., $15,217.
Masonry—Reed & Reed, Hearst Bldg., $4,467.
Terra Cotta—Gladding, McBean & Co. 660 Market St., $8,487.
Pavement—Eaton & Smith, 715 Ocean Ave., $2,131.
Plaster — Marconi Plastering Co., or Leonard Bosch, 1737 Beach Street, $8,600.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $1,792.
Roofing—Alta Roofing Co., 976 Indiana St., $1,267.
Mill Work—Davis Hardwood Co., Bay and Mason Sts., $7,416.
Paint—W. G. Thompson, 336 Church Street, $3,115.
Glass—W. P. Fuller & Co. 301 Mission St., $1,995.
Hardware—Palace Hardware Co., 581 Market St., $3,575.
Dalmo Hardware—Dalmo Sales Co., 511 Harrison St., $1,000.
Toilet Partitions and Metal Windows—Price Building Specialties Co., 683 Howard St., $1,593.
Ornamental Iron and Fence—Anchor Post Fence Co., 460 5th St., $5,019.
Metal Windows—Soule Steel Co., 1750 Army St., $240.
Terrazzo—California Terrazzo Marble Co., 2085 San Bruno Ave., $3,150.
Shades—D. N. & E. Walter Co., 562 Mission St., $384.
Tile—American Art Tile Company, 231 Franklin St., $5,094.
Acoustics—Acoustical Engr. Co., 557 Market St., $2,600.
Linoleum—Royal Floor & Linoleum Co., 475 Sutter St., $3,879.
Blackboard and Cork—American Seating Co., 521 Mission St., $4,085.
Excavation—R. A. Farish, 14 Pinehurst Way, $1,350.
ALT. 1—Marble—Clervi Marble Co., 221 Bayshore Blvd., $1,669.
Following sub-contracts submitted by Spencer Electric Co. with electrical contract:
Fire Alarm — The Autocall Co., 320 Market St., $601.
Telephones—Sierra Equip. Corp., 361 9th St., unit prices.
Switchboards—Meyers Safety Switch Co., 619 Tehama St., $815.
Clocks—Standard Electric Time Co., San Francisco, $697.
Following sub-contracts submitted by Scott Co. on mechanical equipment and plumbing work:
Tank—Breeching — California Products Co., 452 Bay St., $310.
Oil Burner—Ray Burner Co., 401 Bernal Ave., $334.
Temperature Control — Johnson Service Co., Rialto Bldg., $876.
Plumbing—Scott Co., 243 Minna St., $8,457.

Plans Being Revised.

STRENGTHEN SCHOOL Cost $26,000
CENTERVILLE, Alameda Co., Calif.
Strengthen Washington Union High School (steel and wood strengthening, etc.)
Owner—Washington Un. High School District.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Slight revisions will be made in the plans and returned to Sacramento for approval.

Planned.

RECONST. SCHOOL Cost, $——
HAYWARD, Alameda Co., Cal. John Muir Elementary School.
Reconstruction of John Muir Elementary School recently destroyed by fire.
Owner—Hayward School District
Architect—To Be Selected.
Henry Smith, Humboldt Bank Bldg., San Francisco, and E. P. Whitman, Los Gatos, were the architects on the original building.

Plans Completed.

LIBRARY Cost, $350,000
EUGENE, Ore. Campus of University of Oregon.
Three-story and basement library (249x144 ft.) Romanesque style tapestry brick exterior, cast stone tar and gravel roof, some marble, central heating plant, concrete slab floors, acoustical treatment, book conveyors, electric elevator, two fire doors, tile, linoleum, cork and rubber flooring, hollow tile partitions, structural steel, temperature regulators, vault doors, weather stripping, etc.
Owner—State of Oregon.
Architect—Lawrence, Holford & Allyn Failing Bldg., Portland.
Bids will be asked sometime in June.

Plans Awaiting Approval.

ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Upon approval of the plans by State Division of Architecture, bids will be asked.

Structural Engineer Appointed.

SCHOOL Cost, $181,102
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Structural Engineer—Walter Huber, Crocker First Nat'l. Bank Bldg., San Francisco.

Award Approved.

SCHOOLS Cont. Price, $88,040.50
DALY CITY, San Mateo Co., Cal.
Three 1-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson and Crocker units.
Owner—Jefferson School District.
Architect—Albert F. Roller, Crocker First National Bank Building, San Francisco.
Contractor — Meyer Constr. Co., 735 Portola Drive, San Francisco.
The award of contract to Meyer Constr Co., at $88,040.50 has been approved by the PWA.
Complete bids published April 23.

To Ask Lumber Bids Within Few Days.

ADDITIONS Cost, $8500
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort stations, steam rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Rm. 205, 2068 Allston Way, Berkeley.
Excavation and foundation started by the SERA. Other materials will be purchased at a later date.

Preparing Working Drawings.

ADMINISTRATION BLDG. $75,000
FRESNO, Fresno Co., Cal. Mariposa and O Streets.
Two-story reinforced concrete administration building.
Owner—Fresno School District.
Architect—Allied Architects of Fresno
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

LOW BIDDER

LOS ANGELES, Cal.—Pozzo Const. Co., 421 Macy St., submitted low bid to Los Angeles board of education at $149,813 for construction of a new 2-story reinforced concrete Class A administration building (141x160-ft.) at Polytechnic high school, 400 West Washington Blvd. Albert C. Martin, 233 Higgins Bldg., Architect.

Contract Awarded.
ALTER GYM. AND SHOP
Cont. Price, $68,975
CROCKETT, Contra Costa Co., Calif.
High School Campus.
Structural and miscellaneous changes to gymnasium and shops at the High School.
Owner—Crockett School District.
Engineers—Henry D. Dewell & Austin W. Earl, 55 New Montgomery St., San Francisco.
Contractor—Oliver S. Almlie, 60 Sussex St., San Francisco.
Complete bids published April 22.

Awards Approved by PWA
SCHOOL Cont. Price, $143,780
SAN FRANCISCO. Kirkham Street, between 42nd and 43rd Aves.
Two-story reinforced concrete school building (18 classrooms); tar anr gravel roof, steam heating system, etc.
Owner—City and County of San Francisco.
Architects—Wm. Mooser, Monadnock Bldg.; Edward Eames, 353 Sacramento St. and Douglas D. Stone 110 Sutter Street.
Structural Engineer—James M. Smith, 251 Kearny St., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Mechanical Work & Plumbing—Scott Co., 243 Minna St., $19,300.
Electrical—Spencer Electric Co., 233 Monadnock Bldg., $11,520.
Complete bids published April 25.

LOW BIDDERS
LONG BEACH, Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, submitted low general contract bid to the Long Beach board of education at $79,599, for construction of units 1, 2 and 4 at the U. S. Grant school site. Low bidders on other contracts were: Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $4317; E. Willardson, 2407 Tesla Terrace, Los Angeles, plumbing, $7265; B. Hartman 168 E Sunset, Long Beach, electric wiring, $6093. James R. Friend, 210 Laughlin Theater Bldg., Long Beach, architect.

BIDS WANTED
SOUTH GATE, Los Angeles Co., Cal.—Until May 23, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the administration building at South Gate high school, 3351 Firestone Blvd., South Gate. Edgar H. Cline, 543 No. Wilcox Ave., architect, and Ralph A. De Line, 1144 S. Grand Ave., structural engineer. Cost, $82,892.

Plans Approved.
SCHOOL, ETC. Cost, $——
NEWMAN, Stanislaus Co., Cal.
One-story frame and stucco school shop building.
Owner—Newman High School Dist.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be asked immediately.

CONTRACT AWARDED
PASADENA, Cal.—E. F. Wopschall 35 N. Broadway, Pasadena, awarded contract by Pasadena board of education at $86,000 for repairing and strengthening the John Muir Technical high school building. Cyril Bennett, 311 First Trust Bldg., Pasadena, architect. Work will include reinforced concrete, plastering, plumbing, electric wiring, structural steel, sheet metal, gunite, etc. Work will not be started until June 20.

Material Bids Being Taken.
SHOP Cost, $5,000
HUGHSON, Stanislaus Co., Calif.
One-story frame and stucco shop bldg.
Owner—Hughson Union High School District.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Low Bidder
SCHOOL Cost, $60,000
LAKEVIEW, Oregon.
One- and two-story reinforced concrete & brick high school (steam heating system, large auditorium)
Owner—School District No 7, Lakeview.
Architect—Howard R. Perrin, Underwood Bldg, Klamath Falls Ore.
Low Bidder—B. A. Howkins Co., 1182 Market St., San Francisco.
Complete bids will be given shortly.

Contract Awarded.
COMPLETE AUDITORIUM
Cont. Price, $19,590
NORTH SACRAMENTO, Sacramento County, Calif.
Complete gymnasium (work includes painting, plastering, decorating, completing electrical, heating and plumbing systems).
Owner—Grant Union High School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.
Contractor—Azevedo & Sarmento, 920 O St., Sacramento.
Complete bids published April 29.

BOND ELECTION
SAN RAFAEL, Marin Co., Calif.—San Rafael School District will vote June 4 on a proposal to issue bonds in the amount of $50,000, proceeds to finance construction of a new grammar school in San Rafael. Previous bond issue on April 8 was defeated.
Preliminary plans prepared by N. W. Sexton, architect, deYoung Bldg., San Francisco.

BIDS WANTED
PASADENA, Cal.—Until May 28, 11 A. M., bids will be received by the Pasadena board of education for reinforcing and altering the McKinley elementary school, located on Del Mar St., between Oak Knoll and Hudson Aves. Walter C. Folland, 15 S. Fair Oaks Ave., Pasadena, architect.

Lumber Bids Wanted—To Close May 20th, 2:30 P. M.
ADDITION Cost, $8500
WOODLAND, Yolo Co., Calif
Addition to bleachers (frame construction; comfort stations, steam rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Rm 205, 2068 Allston Way, Berkeley.
Bids will be received at the office of L. E. Wraith, President, Woodland High School District, 520 Main Street, Woodland.

LOW BIDDERS
FLAGSTAFF, Ariz.—Geo. Walters, Jr., Flagstaff, submitted low bid to Flagstaff school board at $70,180, for construction of the new 2-story brick southside elementary school building in Flagstaff. Mr. Walters also submitted the low alernate bid on Malapais rock construction, exclusive of the assembly room, at $63,642. Wallingford & Bell, Heard Bldg., Phoenix, architects.

May 8, 1935

BIDS WANTED
LOS ANGELES, Cal.—Until May 28, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the three-story, 18-room, brick annex building (less the third story) at the South Park school, 455 E. Manchester Ave. Edwin Bergstrom, 1136 Citizens' National Bank Bldg., architect. Holmes & Narver, 639 S. Spring St., structural engineers. Cost, $40,681.

CONTRACT AWARDED
LOS ANGELES, Cal.—C. L. Peck, Inc., 720 H. W. Hellman Bldg., was awarded the contract by Los Angeles board of education, at $20,000, for reconstruction, strengthening and rehabilitation of the 1-story, 15-room, Class D brick shop building at the Lafayette junior high school, 1515 E. 14th St. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects and Elliott Lee Ellingwood, H. W. Hellman Bldg., structural engineer.

CONTRACT AWARDED
LOS ANGELES, Calif.—Byerts and Dunn, 1131 N. Orange Grove Avenue, awarded contract by the Los Angeles board of education at $54,763, for reconstruction, strengthening and rehabilitation of the main building (less the auditorium section) at the Eagle Rock elementary school, 2057 Fair Park Ave., Eagle Rock. Mott M. Marston, 517 Douglas Bldg., Los Angeles, architect, and Martin Pohl, 1008 West Adams Blvd., Los Angeles, structural engineer.

Complete bids.
SCHOOL Cost, $60,000
LAKEVIEW, Oregon.
One- and two-story reinforced concrete & brick high school (steam heating system, large auditorium)
Owner—School District No. 7, Lakeview.
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Ore.
Low Bidder—B. A. Howkins, 1182 Market St., San Fancisco.
Complete bids follow:
B. A. Howkins, San Francisco..$72,800
E. P. Brosterhouse, Klamath Falls 75,500
Oscar Wayman, Portland..... 82,611
Bids held under advisement.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, awarded general contractor at $79,188 by Long Beach Board of Education, for construction of units 1, 2 and 4 at the U. S. Grant School site. Awards on other contracts were: Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $4317; E. Willardson, 2407 Tesla Terrace, Los Angeles, plumbing, $7265; B. Hartman, 168 E. Sunset St., Long Beach, electric wiring, $6093. James R. Friend, 210 Laughlin Theatre Bldg., Long Beach, Architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—Pozzo Construction Co., 421 Macy St., awarded contract by Los Angeles Board of Education at $149 813 for construction of a new Class A administration building at Polytechnic High School, 400 W. Washington Blvd. Albert C. Martin, 233 Higgins Bldg., architect.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. R. Lippincott, 4344 S. Arlington Avenue, awarded contract by Los Angeles Board of Education at $39 800 for reconstruction, strengthening and rehabilitation of the main building (less the 1931 addition) at the Burnside Avenue School, 515 Burnside Ave. P. P. Lewis, 1063 Westwood Blvd., West Los Angeles, architect, and Grant & Bruner, 607 Ferguson Bldg., structural engineers.

CONTRACT AWARDED
LOS ANGELES, Cal.—L. E. Dixon Co., 609 S. Grand Ave., awarded con-

tract by Los Angeles Board of Education at $51,712 for reconstruction, rehabilitation and strengthening of the science building at the Benj. Franklin High School, 820 N. Avenue 54. Frank R. Schaefer, 1105 Kerckoff Bldg., architect.

CONTRACTS AWARDED

LONG BEACH, Los Angeles Co., Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded general contract by Long Beach Board of Education, at $38,153 for construction of Unit E, the shop building at the Alexander Hamilton Junior High School site; R. E. Campbell, 711 Central Bldg., Los Angeles, was awarded the cafeteria at $31,876. Other awards on Unites E and C were: Hickman Bros., 910 E. Anaheim St., Long Beach, heating and ventilating, $5626 and on plumbing, $5991; Egge Electric Co., 2222 E. 4th St., Long Beach, electric wiring, $8215. Unit A will not be built at this time. Cecil Schilling, and A. Schilling, 145 Linden Ave., Long Beach, architects.

LOW BIDDER

LOS ANGELES, Cal.—Robt. E. McKee, 1129 Central Bldg., submitted low bid to Los Angeles board of education at $162,200 for the construction of a 2-story reinforced concrete building at the Miramonte school, 1400 E 68th St. Carleton M. Winslow, 1001 Architects' Bldg., architect.

To Ask Bids May 11.
RECONST. SCHOOLS $75,000
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings, at the Sequoia Union High School work involves structural steel, concrete, wood framing and gunite work.
Owner — Sequoia Union High School District.
Engineer — H. J. Brunnier, Sharen Bldg., San Francisco.
Bids will probably be opened June 3.

16— BANKS, STORES AND OFFICES

Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Second and Bryant Streets.
Alterations to offices (install air conditioning system, electrical work, painting, etc.)
Owner—Schmid Lithograph Co., Second and Bryant Streets.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — A. F. Mattock Co., 212 Clara Street.
Painting—Raphael Co., 270 Tehama St., $1,200.
Ventilating—Ace Sheet Metal Works, 444 Clementina St., $5,487.
Electric—Smith Electric Co., 975 Howard St., $2,440.

Plans Being Prepared.
STORE & APTS. Cost, $——
CARMEL, Monterey Co., Calif. NE Ocean and San Carlos St.
Two - story frame and stucco store and apartment building (Spanish style) tile roof, etc.
Owner—Mrs. Mary A. Goold.
Architect—Guy Koepp, Carmel.
Bids will bs asked shortly.

Plans Being Prepared.
ORPHANAGE Cost, $60,000
SAN FRANCISCO. Sunnydale and Hahn Streets.
Group of eight buildings for orphange (frame construction) dormitories, administration building, power plant, etc.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. NE Eddy and Jones Streets.
Alterations to one-story Class C building (modernize exterior and interior, painting, plumbing, plastering, wiring, etc.)
Owner—Withheld
Architect—D. D. Stone, 110 Sutter St., San Francisco.

Preparing Working Drawings.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. No. 115 Valencia Street.
Alterations to brick Salvation Army Quarters (change partitions, new plumbing and ventilating system, painting, plastering, etc.)
Owner—Salvation Army, Premises.
Architect—D. D. Stone, 110 Sutter St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 400 Geary Street.
Alterations to restaurant.
Owner—Barbash & Bulasky, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Contract Awarded.
ALTERATIONS Cost, $——
EUREKA, Humboldt Co., Calif. SE Fourth and E Streets.
Alterations to store building (refrigeration, etc.)
Owner—Teresa's.
Architect—Not Given.
Contractor—Mercer - Fraser Co., Eureka.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 431 Sutter Street.
Alterations to store.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Being Completed.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about ten days.

Plans Being Prepared.
ALTER STORE Cost, $50,000
SEATTLE, Wash. 1520 Third Ave.
Alterations to store building (special lighting fixtures, etc.)
Owner—Century Properties, Inc., John R. Holmes, Director, 814 Second Ave., Seattle.
Lessee—Lerner Stores Corp., New York City.
Architect—McClelland & Jones, Republic Bldg., Seattle.

Plans Being Completed.
STORE & APTS. Cost, $——
TURLOCK, Stanislaus Co., Calif
Two-story reinforced concrete store and apartment building (40x100 feet) composition and part tile roof, concrete floors in store, hardwood floors in apartments, hot air heating system, air conditioning system, etc.
Owner—Andy Thorsen.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded.
ALTERATIONS Cost $4000
SAN FRANCISCO. 541 Geary St
Alterations to market.
Owner—A. J. Romey and Son, 2150 Chestnut Street.
Engineers—Ellison & Russell, Pacific Building.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded.
STORE Cost, $19,213
SACRAMENTO, Sacramento Co., Cal. Thirty-fourth and Folsom Blvd.
Owner—A. N., F. L. and C. L. Arata
Architect—Not Given.
Marshall Way, Sacramento
Contractor — T. Schluckebier, 3140

Planned.
BUILDING Cost, $——
SAN FRANCISCO. Montgomery St., bet. California and Sacramento.
Construct new building or alterations to present four-story structure.
Owner—Louis K. Lurie, 333 Montgomery St., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Further details will be announced at a later date.

Vitrolite Contract Awarded.
ALTERATIONS, ETC. Cost, $7,000
SAN FRANCISCO. 151 Powell Street.
Alterations to grill (new bar, new front etc.) work involves tile work glass, terrazzo, painting, electrical, plumbing, etc.
Owner—Herbert's Grill, premises.
Plans by N. B. Mears, 60 Rausch St.
Contractor—Mullen Manufacturing Co 60 Rausch Street.
Vitrolite—Vitrolite Const. Co., 1490 Mission Street.
Other awards will be made shortly.

BIDS WANTED

OAKLAND, Alameda Co., Cal.—Until May 16, between 8 and 9 P. M., bids will be received by the Oakland City Council for a structural steel frame over the arena area of the auditorium, including furnishing and fabricating 16 new steel wire ropes and connection fixtures required for the strengthening of the building.
Specifications obtainable from above office.

Plans Being Figured—Bids Close May 21, 10 A. M.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

Contract Awarded.
STORE Cost, $10,000
VACAVILLE, Solano Co., Cal.
One-story concrete store building (metal windows, composition roofing, etc.)
Owner—Withheld.
Architect—Albert Roller, Crocker First National Bank Bldg., San Francisco.
Contractor—David Paganini, 519 California St., San Francisco.

Contract Awarded.
STORE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1845 Solano Avenue.
One-story Class C store building
Owner—Henry Schwartz, 818 Northvale St., Berkeley.
Architect—Ray Keefer, 770 Wesley Ave., Berkeley.
Contractor — C. H. Thrams, 28 Home Place, Oakland.

Contract Awarded.
STORES Cost, $2000
SAN FRANCISCO. S Ellis St. 137 W Taylor Street.
One-story Class C store building.
Owner—M. Grulin, 604 Mission Street, San Francisco.
Engineer—Norman B. Green, Sharon Bldg., San Francisco.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $7500
SAN FRANCISCO. Geary, Kearny and Market Streets.
Alterations to restaurant.
Owner—Stag Corporation, 3 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO. Second and Bryant Streets.
Alterations to offices (install air conditioning system, electrical work, painting, etc.)
Owner—Schmidt Lithograph Co., Second and Bryant Streets.
Engineer—Jesse Rosenwald, 525 Market Street.
Contractor — A. F. Mattock Co., 212 Clara Street.
Mill Work—Brannan Street Planing Mill, 560 Brannan Street.
Plumbing—Dowd & Welch, 3558 16th Street.
Acoustical Ceiling—Western Asbestos Co., 675 Townsend St.
Glass—W. P. Fuller & Co., 301 Mission Street.

Sub-Contracts Awarded.
COCKTAIL LOUNGE Cost, $6,000
MONTEREY, Monterey Co., Calif.
Cocktail lounge in Blue Bell Cafe (new bar, decorating, painting furnishings, etc.) Provincial style of architecture.
Owner—J. Butts, Blue Bell Cafe, Salinas.
Architect—Robert Stanton, Carmel.
Contractor—H. C. Geyer, 946 Hellam Street, Monterey.
Plumbing—Phillips Heating & Plbg. Co., Monterey.
Electric Wiring—Tice Electric Shop, Monterey.
Sheet Metal—Pillips Heating & Plbg. Co., Monterey.
Glass—Thomas H. French, Monterey.
Window Shades—Rudolph's Furniture Store, Monterey.
Hardwood Floors—J. W. Shavey, Pacific Grove.
Lumber—Tynan Lumber Co., Monterey.
Hardware—Pierce & Towle, Monterey.
Painting—C. W. Allaire, Monterey.
Finish Material — Work Lumber Co., Monterey.

17— THEATRES

Bid Opening Date Postponed Until May 14, 12 Noon.
ALTEK THEATRE Cost, $75,000
SALINAS, Monterey Co., Cal.
Alterations and addition to Fox Theatre (new projection room, remodel interior, new seats, carpets, furnishing, painting, decorating, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Following will submit bids:
James L. McLaughlin, 251 Kearny St., San Francisco.
Salih Bros., 25 Taylor St., San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
G. P. W. Jensen, 320 Market St., San Francisco.
J. A. Bryant, 1350 11th Ave., San Francisco.

18—WHARVES & DOCKS

SEEK FUNDS
SAN JOSE, Santa Clara Co., Cal.—City of San Jose has filed a formal application with the PWA for $1,750,000 to finance development of the Port of San Jose. Proposed work involves dredging, new roads, terminals, wharves, warehouse, etc.
If application is approved a bond election will be called by the City of San Jose.

BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until May 20, 4:30 P. M., bids will be received by City of Oakland Port Commission for rebuilding of Seventh Street Unit at Outer Harbor Terminal, Oakland. Work involves 720 lin. ft. of apron wharf. Plans and specifications may be obtained from above office upon deposit of $10.

19—MISC. CONSTRUCTION

BIDS REJECTED
MARE ISLAND, Cal. — Navy Department, rejected all bids for resetting boiler No. 10 (1000 hp. edge moor boiler, now installed in Building No. 121) in the Central Power plant, Mare Island Navy Yard. On bid opening lowest bid was submitted by Barrett & Hilp, 918 Harrison St., at $24,996; Complete bids published April 25.

Plans Being Completed.
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.); tile scum gutter.
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simmonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Fancisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Plans will be completed about May 15 and forwarded to the PWA office in San Francisco for approval.

Plans Being Completed.
CONVENIENCE STATION $——
SAN FRANCISCO. Lands End.
One-story reinforced concrete convenience station.
Owner—Board of Park Commissioners, Park Lodge, Golden Gate Park.
Architect—George Kelham, 315 Montgomery St., San Francisco.
New bids will be asked in about 1 week. On previous bid opening lowest bid was submitted by Board of Park Commissioners at $4675.

BIDS WANTED
ALAMEDA COUNTY, Calif.—Until May 14, 2 P. M., bids will be received by John H. Skeggs, District Engineer, Department of Public Works, Division of Highways, 500 Sansome St., San Francisco, for the sale of various buildings located in Oakland and Berkeley. Following structures are to be sold:
Item C-26: 814 Murray Street, Berkeley. Seven-room two-story frame dwelling with 1460 sq. ft. floor space. Sheds 260 sq. ft. Available June 1.
Item C-33: 887-889 Murray Street, Berkeley. Six-room two-story frame dwelling with 2000 sq. ft. floor space. Available June 1.
Item C-37: 905 Murray Street, Berkeley. Eight-room two-story frame dwelling with 1870 sq. ft. floor space. Available June 1.
Item C-39: 3000 Ninth St., Berkeley. Twelve-room 2-story and basement frame school with 10,000 sq. ft. floor space. Sheds 800 sq. ft. Available July 1.
Item A-259: 1892 12th St., Oakland. Five-room stucco frame dwelling with garage underneath, with 1020 sq. ft. floor space. Available June 1.
Item Moss 56: 525 36th St., Oakland. Five-room stucco frame dwelling with 1230 sq. ft. floor space. Detached garage not included in this sale. Available June 20.
Item Moss 58: 513 38th St., Oakland. Five-room stucco frame dwelling with 1230 sq. ft. floor space. Detached garage not included in this sale. Available June 20.
Item Moss 68: 476 Moss Ave., Oakland. Eight-room, two - story frame dwelling with 1800 sq. ft. floor space. Available June 15.
Item Moss 69: 475-477 Moss Avenue, Oakland. Ten-room two-story frame dwelling with 2080 sq. ft. floor space. Available June 20.
Item Moss 71: 471 Moss Avenue, Oakland. Fourteen - room two - story frame dwelling with 2900 sq. ft. floor space. Available June 20.
Item Moss 73: 465 Moss Ave., Oakland. Eight - room two - story frame dwelling with 2100 sq. ft. floor space. Detached garage not included in this sale. Available June 20.
Item Moss 83A: 433 Moss Ave., Oakland. Five-room stucco frame dwelling with 1100 sq. ft. floor space. Available May 15.
Item Moss 83B: 429 Moss Ave., Oakland. Five-room stucco frame dwelling with 1350 sq. ft. floor space. Detached garage not included in this sale. Available May 15.
Item Moss 87: 419 Moss Ave, Oakland. Twelve-room two - story frame dwelling with 2840 sq ft. floor space. Available June 1.
Bidders may make offers for one or more complete items, but must state the price offered for each item, using above street numbers to identify each particular bid.
Bids should be addressed to Jno. H. Skeggs, District Engineer, Division of Highways, 500 Sansome Street, San Francisco, in sealed envelopes plainly marked "Bids for Buildings to be opened 2 P. M., on May 14, 1935."
All sales must be approved by the Department of Finance, which usually requires from one to two weeks.

PLANS COMPLETED
STOCKTON, San Joaquin Co., Cal. —Plans and specifications have been completed by City Engineer Lyle Payton for improvements at the Stockton Municipal Airport, to cost $167,278.
Plans provide for grading and oiling runways, constructing a drainage system, erecting a hangar, installing a lighting system, a water and fire protection system, sanitary sewer and tank, constructing waiting and rest rooms, and fencing the port.
Material and other costs are estimated at $99,097, and labor expenditures at $68,181.
Application will be made for Federal aid.

BIDS WANTED
SACRAMENTO, Cal.—Until May 29, 2 P. M., bids will be received by Geo. B. McDougall, State Architect, Public Works Bldg., 11th and P Sts., Sacramento, for furnishing and installing electrical roll call and page call systems in the Assembly Chamber, California State Capitol, Sacramento. New system will replace present system in the chamber which has been on trial.

Plans and specifications may be obtained from above office upon deposit of $10.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

COALINGA, Fresno Co., Cal.—Hickey Pipe & Supply Co., 6th and Hawthorne Sts., Coalinga, at $3,171.85 submitted low bid and awarded contract by the Coalinga City Council for furnishing 4,500 ft. of 1-in., 2,000 ft. of 3-in., and 4,200 ft. of 4-in. pipe.

Coalinga Kettleman Lumber Co., Polk and Elm Streets, Coalinga, at $911.41 for furnishing 3,650 ft. of 6-inch vitrified sewer pipe, was also accepted.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—Acme Traffic Signal Co., 1716 Naud St., Los Angeles, at $6,475 submitted low bid and awarded contract by the Vallejo City Council for furnishing new semaphore type traffic signals to be installed in the business district.

Ed Pierce Electric Co., Vallejo, at $8,080 submitted the only other bid.

BIDS OPENED

SAN DIEGO, Cal.—Ingle Mfg. Co., Atlantic and Grape Sts., San Diego, submitted the low bid to the 11th Naval District May 9, at $1993, for replacing galley ranges at the Naval Operating Base (Destroyer Base), San Diego; Spec. No. 7930. Barker Bros. submitted the only other bid at $2,305.29. Recommendation was made that the contract be awarded to the low bidder.

CONTRACT AWARDED

SAN FRANCISCO.—M. Greenberg's Sons, 765 Folsom St., at $1,475 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1363, for furnishing fire hydrant repair parts.

BIDS OPENED

SAN FRANCISCO — United Iron Works, 580 2nd St., Oakland, at $0.036 per lb., total $24,842.95 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1362, for furnishing and delivering to the San Francisco Water Department Yard at 639 Bryant St., approximately 690,082 lbs. of iron castings.

The other bids were:

Enterprise Foundry Corp., S. F. $0.0365 per lb., total $25,187.99.

Vernon Foundry, Inc., Hollydale: $0.039 per lb., total $26,913.20.

Bids to be held under advisement.

CONTRACT AWARDED

LOS ANGELES, Calif.—Youngstown Steel Car Corp. was awarded the contract by the Metropolitan Water District May 3 at $15,580 for furnishing 2000 steel ribs, each consisting of two sections with 5-in. 10-lb. standard I-beams, complete with splice plates, base plates, bolts and nuts, Spec. No. 97, fob Niles, Ohio. Discount, 1% 10 days.

BIDS REJECTED

OAKLAND, Alameda Co., Cal.—The Oakland City Council has authorized the Purchasing Agent to buy approximately 36 dozen street lanterns in the open market.

The only bid received by the Council, April 29, that of the Oakland Hardware Co., was not in accordance with specifications and was rejected.

BIDS OPENED

OAKLAND, Alameda Co., Cal.—U. S. Pipe & Foundry Corp., Monadnock Bldg., San Francisco, at $26,126 submitted low bid to the East Bay Municipal Utility District, under Proposal No. L.S. 144, for furnishing 20,900 lin ft. of cast iron pipe as followe:

(1) 8300 lin. ft. 12-inch Class 250 or Class B bell and spigot.
(2) 1500 lin. ft. 10-in. do.
(3) 3100 lin. ft. 8-in. do.
(4) 8000 lin. ft. 6-in. Class 150.

Complete bids follow:

United States Pipe & Foundry Corp., (1) $15,853; (2) $2205; (3) $3255; (4) $5080; total, $26,393; if awarded complete job, $26,126.

Grinnell Co. of the Pacific, S. F., (1) $15,977.50; (2) $2227.50; (3) $3301.50 (4) $5560; total, $26,666.50.

Florence Pipe & Foundry Co., (Utilities Supply Co., Los Angeles): (1) $16,350; (2) $2265; (3) $3317; (4) $5120; total, $27,053.

Pacific States Cast Iron Pipe Co., San Francisco, (1) $16,268; (2) $2250; (3) $3348; (4) $5360; total, $27,226.

American Cast Iron Pipe Co., S. F., (1) $16,600; (2) $2295; (3) $3410; (4) $5120; total, $27,425.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev.—Bids were opened by the Bureau of Reclamation, Denver, Colo., May 3, under Spec. No. 677-D, for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, at the option of the bidder, special drainage fittings; drainpipe leaders and welded fittings; one header with with branches for the Arizona wing and one header with branches for the Nevada wing, consisting of welded plate-steel pipes with flange coupling bolts, gaskets, and blind flanges, for the roof drainage system for the Boulder Power Plant, Boulder Canyon Project. All materials will be installed by the Government.

Total bids follow:

Western Pipe & Steel Co., fob Los Angeles: ((1) and (2) no bids; (3) $8,750; terms, 120 net 10.

Lacy Mfg. Co., fob Los Angeles: (1) $1,550; (2) $490; (3) $7,600; terms, 20/75 net 30.

Associated Piping & Engr. Co., fob Los Angeles: (1) $2,843; (2) $536; (3) $8,886; terms, 40/120 2 10.

California Steel Prod. Co., fob San Francisco: (1) $1,979; (2) $296; (3) $8,897; terms, 40/120 net 30.

Southwest Welding & Mfg. Co., fob Boulder City and Alhambra: (1) and (2) no bids; (3) $9,230.60; terms, 120 ½ of 1% 10.

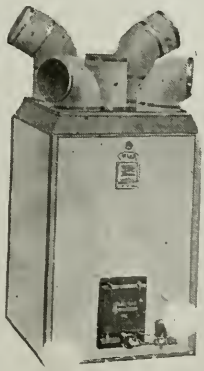
Bids held under advisement.

PURCHASING MATERIALS

OAKLAND, Cal.—East Bay Street Railways, Ltd., 2129 Grove St., Oakland, is purchasing approximately 5,000 redwood ties to be used in the street improvements between and around existing street car tracks of Oakland. Work will be done by the owner's own forces.

Get Your Plaster Wall Board
and Metal Lath from
J. S. GUERIN & COMPANY
720 FOLSOM STREET — PHONE SUTTER 4696

Atlas Economy Gas Fuel Circulating System of Warm Air Heating



The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.
EVERYTHING IN HEATING
557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377
1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until June 5, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 628, for furnishing and delivering fob cars at the shipping point and/or Boulder City twelve 72-in. diameter internal differential needle valves for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project. The gates will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $2.50, not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

CHUCKS, drill, approx 400; East and West Yards. Sch. 4957; May 14.

SHACKLES, galv. screw anchor, 3,300; and 2,100 wire rope thimbles; Mare Island and Puget Sound. Sch. 4956; May 14.

SHEARS, sailmakers', 276 pairs, and 324 pairs tinners shears; Mare Island. Sch. 4949; May 14

DRILLS, hand, 944; Mare Island. Sch 4948; May 14

GRINDERS, 20 pneumatic grinders, Mare Island; 18 pneumatic chipping hammers, Puget Sound; 216 pneumatic hammers, San Diego & Puget Sound. Sch. 4946; May 14

FRAMES, hacksaw, 2436; East & West Yards. Sch. 4943; May 14.

HOISTS, chain; East and West yards Sch. 4937; May 14.

INDICATORS & recorders, and spares East and West yards. Sch. 4959; May 14.

BLADES, hacksaw; Mare Island. Sch. 4952; May 14.

COMPOUND, rust-preventive, 30,000; lbs.; East or West Yards. Sch. 4965; May 17.

VALVES, boiler bottom blow and spares; East & West Yards. Sch. 4962; May 17.

PUMPS, motor-driven and spares; East and West Yards. Sch. 4955; May 17

RAGS, cotton wiping, 150,000 pounds; Mare Island; 75,000 lbs., Puget Sound. Sch. 4999; May 17.

PIPE, wrought iron; East and West yards. Sch. 4971; May 17.

CHISELS, approximately 4,400 pneumatic chisel blanks, 1,400 machinists' hand chisels, 5,600 do; 2,800 pneumatic tool chisels, and 600 do; East and West Yards. Sch. 4976; May 17.

MACHINES, laundry washing, 8; East and West Yards. Sch. 4989; May 17;

LATHE, motor-driven bench precision Mare Island; Sch. 4998; May 17;

SAWS, miter box, band, cross-cut, rip keyhole, and boxes, miter; East and West Yards. Sch. 5005; May 17.

TREADS, metallic ladder, 310; San Diego and Mare Island. Sch. 4984; May 21.

PLUGS, fuse hole for 75-mm. projectiles, 20,000; Mare Island Sch 4997; May 21.

COMPRESSOR, stem-driven air compressor unit; East or West Yards; Sch. 5002; May 21.

SEARCHLIGHTS, electric, 16, and spares; Mare Island Sch 5004; May 24

ELECTRODES, steel welding, 1,500 lbs.; Mare Island. Sch. 5040; May 24.

CHAINS, anchor, die lock, nickel steel Eastern Yards. Sch. 4987; May 24.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St.

CANAL ZONE

PANAMA CANAL ZONE.—Until May 16, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3055, for furnishing miscellaneous supplies and equipment, including:

Steel, reinforcement bars, insulated cable, antennae wire, baggage truck, hospital beds, bedside tables, casket pedestals, electric mixing machine, electric toaster, electric griddle, wood type, twist drills, hand taps, plug taps, axes, manure forks, picks, cross-cut saws, sledge hammers, socket wrenches, ship scrapers, straight edges vitreous Y-branches, pig tin, antimony, hard-rubber rods, rubber gaskets, rubber matting, cocoa or burlap bags, lamp-coloring lacquer and gasoline engine-driven tractor and mower units.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE.—Until May 21, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3054, for furnishing cup greases, lubricant (chain and wire-rope) car and locomotive engine oil, cotton waste, and mixed cotton wiping cloths.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

RECLAMATION BUREAU

JUNTURA, Oregon.—Until May 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo. under Spec. No. 685-D, for furnishing and delivering fob cars at the shipping point and/or Juntura, Ore., roof trusses for outlet works control house outlet works stairways, floors, and walkway, oil tanks, 36-in. needle valve discharge guides, heating plant stack and miscellaneous metal work for the Agency Valley Dam, Vale Project, Oregon. The material will be installed by the Government.

Specifications obtainable from above office without charge to bona fide prospective bidders; to others, $1.25 not returnable.

BOULDER CITY, Nev.—Until May 27, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 687-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, insulated wire and cable for installation in the Boulder Power Plant, Boulder Canyon Project. All materials will be installed by the Government.

Specifications obtainable from above office without charge to bona fide prospective bidders; to others, $1.00, not returnable.

BOULDER CITY, Nev.—Until May 31, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 686-D for furnishing and delivering fob cars at the shipping point and/or Boulder City, one 15-ton gantry crane for turbine draft tube bulkhead gates at Boulder Power Plant, Boulder Canyon Project. The crane will be installed by the Government.

Specifications obtainable from above office without charge to bona fide prospective bidders; to others, $1.50, not returnable.

WAR DEPARTMENT

SAN FRANCISCO—Until May 15, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-35-14, for furnishing and installing one steam turbine for present 200 K.W., D. C. generator in the power plant at Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from the above office.

NATIONAL PARK SERVICE

SAN FRANCISCO.—Until May 13, 2:30 P. M., bids will be received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Bldg., San Francisco, for furnishing portable safety signals, red traffic flags, and sign plates, for various National Parks.

Delivery fob bidder's shipping point.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Cal.—Until May 16, bet. 8 and 9 P. M., new bids will be received by the Oakland City Council for furnishing six automobiles for the Police Department.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until June 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo, under Spec. No. 625, for furnishing and delivering fob cars at the shipping point and/or Boulder City, aluminum and steel pipe railings, aluminum doors, steel doors, and structural and architectural metal work for the Boulder Dam Power Plant and appurtenant works, Boulder Canyon Project. All material will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $3.50, not returnable.

JUSTICE DEPARTMENT

ALCATRAZ, Calif. — Until May 21, bids will be received by U S. Penitentiary, Alcatraz, for furnishing one dishwashing machine with dish washers complete; Circular No. 309.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

1— BRIDGES

ONTEMPLATED

PASADENA, Los Angeles Co., Cal. The estimated cost of constructing new bridge to replace the present Dorado St. viaduct is $450,000 and e cost of dismantling the existing ucture will be $30,000, according to timate furnished City Manager C. Koiner by the state highway commission. An underpass for Linda sta Avenue traffic is included in e project.

DS WANTED

ALAMEDA COUNTY, Cal.—Until ay 16, 10:30 A. M., bids will be reived by the Alameda County Board Supervisors, Court House, Oakland, r furnishing 38,000 lbs. additional uctural steel for the Park Street dge. Estimated cost, $7500. Burnett Hamilton, County Engineer. Specifications obtainable from the unty Clerk's office upon deposit of $5.

DS WANTED

CHELAN COUNTY, Wash. — Until ay 21, 10 A. M., bids will be received L. V. Murrow, Director of Highys, Olympia, for the construction a bridge 263.16 feet long over the enatchee River in Tumwater Canon, Section 1; and a steel girder dge 145 feet long over Chiwaukum eek, in Tumwater Canyan, Section on State Road No. 15, in Chelan unty, Washington, Federal Public orks Project No. 5926, involving out 491 cubic yards of cement conete, 279,000 pounds of structural el and 63,350 pounds of reinforcing el and other items. Plans and specifications obtainable om above office upon deposit of $2.

DS WANTED

SAN FRANCISCO.—Until May 13, 2 M., bids will be received by T. A. ooks, Purchaser of Supplies, Room 0, City Hall, under Bid No. 1374, furnishing and dumping in Yacht arbor, San Francisco Bay, approxitely 10,000 tons of rock. Specifications obtainable from above ce.

DS OPENED

VENTURA COUNTY, Cal.—Silveria Robbins, Inc., and J. P. Immel, P. Box 192, Ventura, at $17,850 subtted low bid to the State Highway gineer, State Bldg., Los Angeles, the construction of a reinforced ncrete girder bridge across Calleas Creek, about 2½ miles south of marillo, Ventura County, consist of one 40-ft. span and two 35-ft. ans on concrete bents and abutnts.

Total bids follow:

(A) Silveria & Robbins, Inc., & J. P. Immel, Ventura $17,850.00
(B) R. R. Bishop Long Beach 19,109.50
(C) Byerts & Dunn, L. A. 21,295.00
(D) Carlo Bonglovanni, Hollywood 21,939.00

Unit bids will be published shortly.

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon.—Tom Lillebo, Reedsport, Oregon, at $31,675 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 2, for the construction of four piers for a bridge over Eagle Creek on the Columbia River Highway, approximately 1½ miles east of Bonneville, U. S. P. W. Project NRH 174-C.

Complete bids follow:

Tom Lillebo, Reedsport	$31,675
MacRae Bros, Seattle	41,440
Kuckenberg-Wittman Co., Portland	41,525
Shattuck & Neland, Portland	45,832

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until May 28, 10:30 A. M., bids will be received by the Alameda County Board of Supervisors, Court House, Oakland, for the completion of the approaches to the Park Street Bridge. Estimated cost, $75,000.

The work involves:

(1) 1200 cu. yds. embankment;
(2) 2870 cu. yds. structural excav.;
(3) 660 ft. creosoted timber piles;
(4) 64,000 sq. ft. 6-in. waterbound macadam base;
(5) 62,000 sq. ft. 6-in. two-course asphalt concrete;
(6) 1490 cu. yds. Portland cement concrete;
(7) 960 lin. ft. balustrade;
(8) 167,000 lbs. reinforcing steel;
(9) 51,000 lbs. structural steel;
(10) 4870 sq. ft. concrete sidewalk;
(11) 1160 lin. ft. concrete curb and gutter;
(12) Lump sum, electroliers and gates;
(13) 115 lin. ft. 8-in. vitrified sewer pipe;
(14) 30 lin. ft. 10-in. vitrified sewer pipe;
(15) 60 lin. ft. 12-in vitrified sewer pipe;
(16) 375 lin. ft. 18-in. vitrified sewer pipe.

Burnett Hamilton, County Engineer. Plans and specifications obtainable from the County Clerk's office upon deposit of $25.

22—DREDGING HARBOR WORKS EXCAVATION

BONDS APPROVED

THE DALLES, Ore—A bond issue of $200,000 to finance construction of two water terminals on the Columbia River at The Dalles was approved at an election April 30, by a vote of 2015 to 338.

PWA funds in the amount of $78,000 will be sought. The first of the terminals will be for river boats, to be converted later for deep-sea vessels. The second terminal will not be started until U. S. Engineers agree to dredge Columbia River between Vancouver and Bonneville Dam.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

CORONADO, San Diego Co., Cal.—Sparkes & McClellan, 23rd and Central, Newport Beach, submitted low bid to the Coronado city council May 6 at $12,480 for dredging in Glorietta Bay, involving deepening the present channel to a depth of 10.5 ft. at mean low water and will be extended to a point in the bay where the water is 10.5 deep. Present channel markers will be moved and two new onea installed. E. A. Ingham, city manager.

Frank Doran, San Diego, was the only other bidder at $15,000.

The bids were taken under advisement until 4 p. m., May 13

23—IRRIGATION PROJ.

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, Edward Hyatt, State Engineer, during the month of April, 1935:

8303 (Siskiyou Co.) W. H. Wescoatt, Occidental, for 3 cfs from Evening Star Creek, tributary to Salmon River. To be diverted for mining and domestic purposes. Est. cost, $700.

8304 (Siskiyou Co.) W. H. Wescoatt, Occidental, for 3 cfs from Evening Star Creek, tributary to Salmon River. To be diverted for power purposes, 46-theo. h.p. to be developed. Est. cost $700.

8305 (Calaveras Co.) Gold Mining & Water Co., 306 Sharon Bldg., San Francisco, for 55 cfs, 5000 ac. ft. per annum from Jesus Maria Creek tributary to North Fork Calaveras River. To be diverted for mining and domestic purposes. Est. cost, $225,000.

8306 (Placer Co.) F. J. Sur, 1172 N Kingsley Drive, Hollywood, for 75 cfs from Middle Fork American River tributary to American River, to be diverted for mining purposes.

8307 (El Dorado Co.) C. S. Stewart, Camino, for 3 cfs from Fleming Creek tributary to Camp Creek, thence Cosumnes River, to be diverted for mining purposes. Est. cost, $100.

8308 (Siskiyou Co.) E. G. Sundfelt, Sawyers Bar, for 5 cfs form Main and Lime Creeks of Eddy's Gulch tributary to North Fork of Salmon River. To be diverted for power, 227 theo. hp. to be developed. Est. cost $750.

8309 (Inyo Co.) Nu-Nah Mining Co., Big Pine, for 3 cfs from Waucoba Creek, tributary to Saline Valley, to be diverted for mining and domestic purposes. Est. cost, $20,000.

8310. Arthur J. Fry, Los Angeles, for 1 cfs from Mahogany Creek and an unnamed creek tributary to Reversed Creek, to be diverted for domestic purposes. Est. cost, $7,000.

8311 (San Benito Co.) Geo. Stickler, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 26 acres. Est. cost, $250.

8312 (San Benito Co.) P. Petersen, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to

be diverted for irrigation purposes on 69 acres. Est. cost, $250.

8313 (San Benito Co.) W. A. Pack, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 100 acres. Est. cost, $250.

8314 (San Benito Co.) L. G. Gadd, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 23 acres. Est. cost, $250.

8315 (San Benito Co.) J. Marcella, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 8 acres. Est. cost, $250.

8316 (San Benito Co.) J. R. Maxwell Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 10 acres. Est. cost, $250.

8317 (San Benito Co.) J. E. Dermody Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River, to be diverted for irrigation purposes on 10 acres. Est. cost, $250.

8318 (San Joaquin Co.) W. E. Harelson, Rt. 5, Box 220, Stockton, for 2 cfs from Middle Fork tributary to San Joaquin River, to be diverted for irrigation of 120 acres. Est. cost, $3750.

8319 (San Bernardino Co.) Valley View Park Mut'l Water Co., Crestline for .055 cfs from springs tributary to Seeley Creek, to be diverted for domestic purposes. Est. cost $1,000.

8320 (San Bernardino County) Roy Staples, Running Springs, for 1 cfs from Chioopee Canyon, tributary to no stream. To be diverted for min- and domestic purposes. Est. cost, $1-500.

8321 (Shasta County) Igo Mining Corp., Redding, for 65 cfs from Boulder, Brandy, Lower Brandy and Kanaka creeks, tributary to Sacramento river to be diverted for mining & domestic purposes.

8322 (Amador County) Roy E. Cole, Woodland, for 1.5 cfs 90 ac. ft. per annum, from Drummondville Creek and two unnamed tributaries, tributary to Arkansas Creek, to be diverted for mining purposes. Est. cost. $750.

8323 (San Bernardino Co.) Cedarpines Park Mutual Water Co., Cedarpines Park, for .05 cfs from a spring tributary to Mojave River, to be diverted for domestic purposes. Est. cost. $500.

8324 (San Bernardino Co.) Cedarpines Park Mutual Water Co., Cedar-Pinea Park, for .05 cfs from springs tributary to Devils Canyon, to be diverted for domestic purposes. Estimated cost, $500.

8325 (Ventura Co.) U. S. Santa Barbara National Forest, Santa Barbara, for .05 cfs from Bear Creek, tributary to Noth Fork of Matilija Creek, to be diverted for recreational and domestic purposes. Est. cost, $1,000.

8326 (Trinity County) U. S. Shasta National Forest, Mount Shasta, for 0.116 cfs from Brush Creek, tributary to Swift Creek, to be diverted for domestic purposes. Est. cost, $300

8327 (Amador Co.) Raymond Silva Sacramento, 270,000 ac. ft. per annum from Cosumnes river, tributary to the Mokelumne river, to be diverted for municipal purposes.

8328 (Amador Co.) Raymond Silva, Sacramento, 270,000 ac. ft. per annum from Cosumnes river, tributary to the Mokelumne river, to be diverted for power purposes, 13360 theo. hp. to be developed.

PERMITS ISSUED

SACRAMENTO, Cal. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, Edward Hyatt, State Engineer, during the month of April, 1935:

4508, Application 8198 (Humboldt County) issued to Robert L. Benson, Willow Creek, Calif., April 3, 1935, for 6800 gallons per day from Bridge Creek for domestic purposes. Estimated cost $500.

4509, App. 7945 (Sierra County) issued to Scales Placer Mining Co., Downieville, Calif., April 3, 1935, for 60 cubic feet per second total from Sawmill, Union, Unnamed No. 1, Benton, Stewart's, Unnamed No. 2 Ruby Adams Happy Hollow and Wahoo Ravines and Canyon Creek for mining purposes. Est. cost $100,000.

4510, App. 8225 (Fresno County) issued to U. S. Sequoia National Forest, Porterville, Calif., April 3, 1935, for 6500 gallons per day from Mill Creek for domestic purposes. Est. cost $2500.

4511, App. 8204 (Trinity County) issued to Henry B. Campbell, Oakland, Calif., April 5, 1935, for 3 cubic feet per second from Little Mule Creek for mining and domestic purposes. Est. cost $150.

4512, App. 8201 (Trinity County) issued to Marion M. and Veslie E. Parmenter, Hayfork, Calif., April 6, 1935, for 0.222 cubic foot per second from McCovy Gulch for domestic purposes and irrigation of 10 acres. Est cost, $200.

4513, App 8183 (San Bernardino Co.) issued to Jack J. Renie, Los Angeles, Calif., April 6, 1935, for 16,000 gallons per day from Saratoga Spring for domestic purposes. Est. cost, $1000.

4514, App. 7952 (Amador County) issued to City of Stockton, Stockton, Calif., April 6, 1935, for 0.004 cubic foot per second from an unnamed creek for power purposes.

4515, App. 8169 (Humboldt County) issued to Laura G. Boyd, et al, Korbel, Calif., April 8, 1935, for 2 cubic feet per second from Mad River for domestic purposes and irrigation of 100 acres. Esti. cost $800.

4516, App. 8213 (Butte County) issued to Alice Phelan Sullivan Corp., et al, San Francisco, Calif., April 9, 1935, for 3 cubic feet per second from Sacramento River for irrigation of 117 acres. Esti. cost $50,000.

4517, App. 8190 (San Luis Obispo County) issued to Security-First National Bank of Los Angeles, Los Angeles, Calif., April 9, 1935, for 0.31 cubic foot per second from 2 wells in Salinas River for irrigation of 77.6 acres. Esti. cost $5000.

4518, App. 8111 (El Dorado County) issued to C. T. Oeste, Youngs, Calif., April 15, 1935, for 2 cubic feet per second from Middle Fork Cosumnes River for power purposes. Est. cost $300.

4519, App. 8226 (Santa Clara County) issued to P. M. Hickok, Los Gatos, Calif., April 18, 1935, for 2.5 cubic ft. per second from Arroyo Calero Creek for irrigation og 55.07 acres.

4520, App. 8230 (Sierra County) issued to Scales Placer Mining Co., Downieville, Calif., April 18, 1935, for 5 cubic feet per second from Rock Creek for power purposes. Esti. cost $3000.

4521, App. 8217 (Mono County) issued to Department of Water and Power of the City of Los Angeles, Los Angeles, Calif., April 18, 1935, for 0.08 cubic foot per second from two unnamed springs for domestic and fire protection purposes. Esti. cost $4500.

4522, App. 8202 (Del Norte County) issued to William D. Walker, Long Beach, Calif., April 24, 1935, for 3.0 cubic feet per second from Moores Gulch for mining and domestic purposes. Esti. cost $100.

4523, App. 8232 (Trinity County) issued to H. A. Dinemore and C. W. Taylor, Fortuna, Calif., April 24, 1935, for 0.25 cubic foot per second from Hudson Gulch for domestic purposes and irrigation of 24 acres. Esti. cost $400.

4524, App. 8251 (Inyo County) issued to Frank H. Long, Pasadena, Calif. April 26, 1935, for 0.05 cubic foot per second from Coulter Spring, for mining and domestic purposes. Est. cost $2000.

4525, App. 8168(Stanislaus County) issued to Nels Hansen, Modesto, Calif. April 26, 1935, for 1.0 cubic foot per second from Lateral 12 of Waterford Irrigation District for irrigation of 15 acres.

4526, App. 8153 (Trinity County) issued to Shasta Hydraulic Gold Company, Inc., Redding, Calif., April 27, 1935, for 5.0 cubic feet per second from Hatchet Creek for mining purposes. Est. cost, $1000.

4527, App. 8214 (Marin County) issued to A. C. and Anna Norton Gollan, Lagunitas, Calif., April 27, 1935 for 7000 gallons per day from an unnamed spring for domestic purposes.

4528, App. 8090 (Riverside County) issued to Idyllwild Mountain Park Co., Los Angeles, Calif., April 29, 193 for 0.04 cubic foot per second from an unnamed spring for recreational purposes. Est. cost $1200.

4529, App. 8093 (Riverside County) issued to Idyllwild Mountain Park Co Los Angeles, Calif., April 29, 1935, fo 0.04 cubic foot per second from an unnamed spring for recreational purposes. Est. cost $800.

4530, App. 8120 (Riverside County issued to Idyllwild Mountain Park Co Los Angeles, Calif., April 29, 1935, fo 0.2 cubic foot per second from Strawberry Creek for recreational purposes

4531, App. 8121 (Riverside County issued to Idyllwild Mountain Park Co Los Angeles, Calif., April 29, 1935, fo 0.2 cubic foot per second from East Fork Strawberry Creek for recreational purposes. Est. cost $1250.

DISTRICT FORMED

KERN COUNTY, Cal.—A proposal to form the Southern San Joaquin Municipal Utility District in the Delano-McFarland area carried at the special election by a vote of 662 to 296. The district will distribute irrigation water and power under the proposed Central Valley water project. Directors of the District are: Ed S. Green, E. L. Borel, E. G. Girard J. E. Regan and M. R. Marshall. E. Smith is the county Clerk.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

ROCKWELL FIELD, Cal. — Until May 20, 10:00 A. M., bids will be received by the Constructing Quartermaster, Rockwell Field, for the installation of a night lighting system at Rockwell Field upon deposit of a certified check for $5, payable to the Treasurer of the United States. Further information may be had upon application to S. B. Massey, Major Q.M.C., Constructing Quartermaster

25—MACHINERY AND EQUIPMENT

BIDS OPENED

PASADENA, Los Angeles Co., Cal. —Bids for furnishing supervisory control equipment for the municipal power department were opened by the city directors May 2. The bids were:

Westinghouse Elec. & Mfg. Co.—(1) furnishing and delivering 4-line equipment complete, for the Lamanda Park substation, $13,500; (2) alternate on a 2-line equipment, $13,500; (3) total charge per day all factory supe

lelon, $35 and traveling expenses; weight 1800 lbs. for dispatchers equipment, 2400 lbs. for substation equipment; 135 calendar days.

General Electric Co.—(1) $12,910; (2) 12,910; (3) $25 per day plus living and traveling expenses; weights 1750 lbs. nd 200 lbs.; 117 calendar days.

BIDS OPENED

SAN LUIS OBISPO, Calif.—Following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation 49774, Req. 916, for furnishing one tractor fob San Luis Obispo:

Smith Booth Usher Co., Los Angeles, $2,245, on a Cletrac "35"; 2% 30 days.

Farmers Hardware and Implement Co., San Luis Obispo: $2,256; 5% 30 days.

J. D. Adams Mchy Co., San Francisco, $2,710 on a McCormick-Deering; 5% 30 days.

Weaver Rye Tractor Co., Sacramento: $2,928.90 on a Caterpillar gas "40"; 2% 30 days.

Bids held under advisement.

CONTRACT AWARDED

BOULDER CITY, Nevada.—Joshua Hendy Iron Works, 206 Sansome St., San Francisco, at $269,459 awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 620, for furnishing and delivering fob Sunnyvale, Calif., twelve 86-in. dia. paradox emergency gates, complete, with hoists, motors, limit switches, conduit linings, and other appurtenances for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project.

CONTRACT AWARDED

BOULDER CITY, Nev.—Judson-Pacific Co., 609 Mission St., San Francisco, at $58,120 awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 617, for furnishing and delivering fob cars, San Francisco, four 4-motor cage-operated, overhead revolving cranes for installation in the intake towers at Boulder Dam, Boulder Canyon Project. Complete bids published April 15.

BIDS OPENED

SAN CARLOS, Arizona — Bids for furnishing 3 raw water circulating pumps, complete with electric motors, for the San Carlos Irrigation Project No. 261, Coolidge, Ariz., under Bid No. 0166, were opened by the U. S. Indian Irrigation Service, Room 524, 751 S. Figueroa St., Los Angeles, May 2. The bids follow:

American Pump Co., Ltd., 931 Santa Fe Ave., Los Angeles, $1076.97 f.o.b. Coolidge. Delivery, 25 days. Total shipping weight, 2550 lbs. Shipping point, Aurora, Ill. Terms, 2% 10 days, 1% 20 days, net 30 days. Efficiency, 78%. U. S. motor.

Byron Jackson Pump Co., 2150 E. Slauson Ave., Huntington Park, $1,215.75 f.o.b. Berkeley. Delivery, 20 days to Berkeley, 23 days to Coolidge. Total shipping weight, 2720 lbs. Terms net. Pump efficiency, 74.5%. K. W. input to motor, 8.41. U. S. motor.

De Laval Steam Turbine Co., 1055 S. Olive St., Los Angeles, $1017.09 f. o.b. Coolidge. Delivery, 28 days. Total shipping weight, 3300 lbs. Efficiency, 76%. K. W. input, 8.32. U. S. motor. Terms net.

Fairbanks, Morse & Co., 423 E. 3rd St., Los Angeles, $836.79 f.o.b. Beloit, Wis., or $1052.79 f.o.b. Coolidge. Total shipping weight, 4140 lbs. Terms net. Efficiency, 82%. K. W. input, 8.08. Fairbanks-Morse motor.

Pacific Pump Works, 5716 Bicket St., Huntington Park, $1182. Delivery, 20 days. Total shipping weight, 3000 lbs. Efficiency, 80%. K. W. input, 9.6. U. S. motor.

Petroleum Equipment Co., Box 60, Arcade Station, Los Angeles, $1017.09 f.o.b. cars Berkeley, Calif. Delivery, 20 days f.o.b. Berkeley or 26 days f. o.b. Coolidge. Total shipping weight, 3450 lbs. Efficiency, 81%. K. W. input, 7.1.

Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles, $1143 f.o.b. Seneca Falls, N. Y., or $1334.10 f.o.b. Coolidge. Delivery, 42 days to Coolidge. Total shipping weight, 5100 lbs. Efficiency, 78%. K. W. input, 8.28. U. S. motor. Terms net.

Worthington Company, Inc., 5075 Santa Fe Ave., Los Angeles, $1054.59 f.o.b. Harrison, N. J. Total shipping weight, 2970 lbs. Terms net. Efficiency, 75%. K. W. input, 8.36. U. S. motor.

BIDS OPENED

SANTA BARBARA, Cal.—Bids for the rental of a gasoline power shovel for use on the Mono Narrows debris dam project were opened by the Santa Barbara City Council. The bids, which were referred to Water Superintendent V. H. Trace and Purchasing Agent Carl Hasse for checking, are:

Harry C. Collins Machinery Co., 1919 Santa Fe Ave., Los Angeles—Rental of Equipment, $50 per day; transportation of equipment, $750.

Western Motor Transfer, Inc., 118 per day; transportation of equipment, $760.

Sam Hunter, 122 W. Valerio St.—Rental of equipment, $50 per day; transportation of equipment, $1250.

James T. Cornwall, Box 57, Hope Ave.—Rental of equipment, $56 per day; transpartation of equipment, $1280.

BIDS OPENED

DEL NORTE COUNTY, Cal.—Identical bids at $2.55 per hour for the rental of one 950-gal. water sprinkler truck, for approximately 320 hours, were received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, May 3, from the following: Wm. Kern, Weott; Garcia Const. Co., Irvington, and K. N. Dewar, Eureka.

BIDS OPENED

MENDOCINO COUNTY, Cal.—Eugene Della Rosa, 1735 Castro Street, Martinez at $2.50 per hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, May 3, for the rental of one 950-gal. water sprinkler truck, for approximately 500 hours, to be used in Mendocino County:

Complete bids follow:

Eugene D. Rosa, Martinez	$2.50
Ashurst Bros., Hopland	2.55
Wm. Kern, Weott	2.55
Garcia Const. Co., Irvington	2.55
K. N. Dewar, Eureka	2.65
Chas. Kuppinger, Lakeport	2.75

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing one 162 KVA, 80% power factor, 2300 volt, 3 phase, 60 cycle A. C. gasoline driven electric generating standby unit:

LeRoi Co., fob Milwaukee: $7,450; delivery in 70 days.

Buffalo Gasoline Motor Co., fob Buffalo: $10,700; alternate, $6,800; 1% 10 days. Delivery in 6 to 8 weeks.

Hall-Scott Motor Co., fob Berkeley: $9,240.

Fairbanks Morse & Co., fob Waukesha, Wis.: $10,366; alt., $9,836; delivery in 6 to 7 weeks.

King-Knight Co., fob Buffalo: $11,-$11,510; 34 days delivery.

225; fob Yellowstone National Park. Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colo., May 2, under Spec. No. 675-D, for furnishing one hydraulic control board for installation in the watermaster's control room in the Boulder Power Plant, and position transmitters for needle valve position indicators for installation on needle valve control stands in the lower tunnel plug operating chambers in the Boulder Dam, Boulder Canyon Project:

Square Co., Inc., f.o.b. Los Angeles, and Boulder City, $5145; 2% discount.

General Electric Co., f.o.b. Schenectady New York, $5234.

Westinghouse Elec. & Mfg. Co., f.o.b. Boulder City, $7142.

Bids held under advisement.

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 49775, Req. 9917, for furnishing one power driven bulldozer f.o.b. San Luis Obispo:

Kay-Brunner Steel Products, Inc., Los Angeles, $1217, on a KC Master; 2% 15 days.

Mack Wooldridge Co., Los Angeles, $1296.25, on a Wooldridge; 5% 15 days.

Smith Booth Usher Co., Los Angeles, $1296.25, on a Wood Isaacson; 2% 30 days.

Brown Bevis Co., Los Angeles, $1,-296.25, on a Wood Isaacson; 2% 30 days.

Weaver Rye Tractor Co., Sacramento, $1524, on a KC Master; 5% 30 days

Gar Wood, $1296.25, on a Wood Isaacson; 2% 30 days.

Crook Co., Los Angeles, $1296.25 on a Wood Isaacson; $1000 on a Mack Wooldridge Demonstrator; 2% 30 days.

Bids held under advisement.

CONTRACT AWARDED

MADERA COUNTY, Cal.—Austin-Western Road Machinery Co., 435 Brannan St., San Francisco, at $1609 with a trade-in allowance of $75 on the old road finisher, awarded contract by the Madera County Board of supervisors, L. W. Cooper, County Clerk, for furnishing one new hand control leaning wheel blade grader, weight 8,230 lbs., 10-ft. blade, spoke type steel tire, etc.

The other bids were:

Jenison Machinery Co., San Francisco, $1,609; allowance, $75.

J. D. Adams Co., Indianapolis, Ind., $1,836.50; allowance, $75.

26—— RAILROADS

BIDS WANTED

BONNEVILLE DAM, Ore. — Until May 21, 3 P. M., bids will be received by the U. S. Engineer Office, Major C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 698-35-612, for the construction of a portion of the relocated line of the O.W.R.R. & N. Co.'s railroad and riprap protection of Ruckel Slide between Railroad mile post 37 and Cascade Locks in the Vicinity of Bonneville.

The work involves:

(1) 55 acres clearing;

(2) 530,000 c.y. solid rock excav.;

(3) 280,000 c.y. unclass. excav.;

(4) 1,627,000 sta. yds. overhaul "A";
(5) 1,808,000 do, Class "B";
(6) 5,665,000 do, Class "C";
(7) 34,000 l.f. track laying;
(8) 27,000 l.f. track removal;
(9) 24,000 c.y. ballasting and surfacing;
(10) 15,000 each creosoted cross ties;
(11) 2,000 each untreated cross ties;
(12) 22 MFBM creosoted switch ties;
(13) 13 do, untreated do;
(14) 300 c.y. Class B concrete;
(15) 62 l.f. 120-in. multiple plate pipe at Ruckel Creek;
(16) 162 l.f. corru. galv. iron pipe, 12-ga., 18-in. dia.;
(17) 186 l.f. do 10-ga., 24-in. dia.;
(18) 36 l.f. do, 10-ga., 30-in. dia.;
(19) 40 l.f. do, 10-ga., 36-in. dia.;
(20) 100 l.f. do, 8-ga., 48-in. dia.;
(21) 475 tons erecting Eagle Creek spans;
(22) 42 MFBM Eagle Creek timber deck in place;
(23) 1 job painting Eagle Creek spans
(24) 1 job painting hand rail on Tanner Creek viaduct;
(25) 1 job bridge removal;
(26) 1,300 rods fencing;
(27) 180,000 c.y. loading, hauling and placing riprap Ruckel Slide;
(28) 10,000 l.f. bulkhead piling below cutoff;
(29) 2,000 l.f. do, above cutoff;
(30) 10 MFBM bulkhead timber in place;
(31) 150 each metal pipe shoes in place
(32) 4,000 lbs. reinforcement.

The work includes grading, concrete structures, bridge and foundation work, road changes, installation or drainage pipes and openings, track laying and ballasting, track removal or shifting, motor car set offs, and all incidental work required for the construction and completion of the O. W. R. R. & N. Co.'s relocated line of railroad between railroad mile posts 37 and 42.

The work is to be completed within 330 calendar days after the date of

Specifications obtainable at 627 Pittock Block, Portland. receipt of notice to proceed. Estimated cost, $1,000,000.

26

29—STREETS AND HIGHWAYS

BIDS WANTED

SANTA BARBARA COUNTY, Cal.—Until May 21, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for about 1.1 miles trees, shrubs and ground cover to be planted in Santa Barbara County between the west city limits of Santa Barbara and Hollister Ave.

Specifications obtainable from above office.

BIDS WANTED

STATE OF WASHINGTON—Until May 21, 10:00 A. M., bids will be received by L. V. Murrow, State Highway Director, Olympia, for highway construction as follows:

Pierce County: Paving with cement concrete and asphaltic concrete about 0.7 miles of State Road No. 1, South Tacoma Way, between South 50th and South 38th Streets in the City of Tacoma, U. S. Public Works Project No. NRM 171-F (1935) in Pierce County, Washington, involving about 6488 square yards of concrete pavement, 669 cubic yards cement concrete pavement, 2572 tons of asphaltic concrete pavement, 3745 lineal feet of sewer pipe and other items.

Lincoln County: Stockpiling about 6500 cubic yards of mineral aggregate (oil rock) materials for State Road No. 2, Wilbur to Telford in Lincoln

LOS ANGELES COUNTY—BRIDGE—(STATE)

LOS ANGELES CO., Calif.—Bodenhamer Const. Co. and Silveria & Robbins, 45 S. California St., P. O. Box 902, Ventura, at $72,166, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, May 2, for constructing a bridge 301 ft. in length across Arroyo de Los Posos and the Pacific Electric Railway Co. tracks at Marengo St., in Los Angeles, consisting of reinforced concrete girder spans on reinforced concrete abutments and piers, involving:

(1) 1 only existing bridge to be removed and disposed of;
(2) 3,100 c.y. structure excavation;
(3) 700 c.y. imported borrow;
(4) 493,000 lbs. bar reinf. steel;
(5) 2,456 c.y. Class A Port. cement concrete (struc.);
(6) 77 c.y. Class E do (railings, posts and pylons);
(7) 1 lot lighting equipment;
(8) 1 lot ornamental iron railing;
(9) 1 lot sewers.

Total bids were:

(A) Bodenhamer Const. Co., and Silveria & Robbins, Ventura, $72,166
(B) Griffith Co., Los Angeles, $72,791.90.
(C) Bannister-Field Co., Ltd. and F. E. Potts Co., $73,788.00.
(D) Bates & Rogers Const. Co., Oakland, $77,875.60.
(E) Byerts & Dunn, Los Angeles, $79,697.00.
(F) Oscar Oberg, Los Angeles, $87,432.00.
(G) R. H. Travers, Los Angeles, $88,844.00.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(A)	$2000	$1.25	$ .75	$.04	$16.00	$50.00	$2000.00	$400.00	$500.00
(B)	2500	1.25	.50	.0358	17.50	37.50	1750.00	300.00	500.00
(C)	2500	2.00	.33	.0375	16.50	41.50	1875.00	380.00	395.00
(D)	1800	2.00	1.50	.0345	18.10	50.50	2050.00	725.00	700.00
(E)	3500	2.00	.50	.04	17.25	43.00	1900.00	350.00	2000.00
(F)	9500	2.00	.60	.038	18.00	60.00	2200.00	750.00	800.00
(G)	1500	4.00	.75	.038	20.00	45.00	1900.00	400.00	800.00

VENTURA COUNTY—BRIDGE—(STATE)

VENTURA COUNTY, Cal.—Silveria & Robbins, P. O. Box 902, or 45 S. California St., Ventura, or 602 Fairmount St., Glendale, at $17,850, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, May 2, for constructing a reinforced concrete girder bridge across Calleguas Creek, about 2½ miles south of Camarillo in Ventura County, consisting of one 40-ft. span and two 35-ft. spans on concrete bents and abutments, involving:

(1) 650 c.y. struc. excavation;
(2) 890 l.f. furnishing reinf. concrete piles, including test piles;
(3) 28 each driving do;
(4) 525 c.y. Class A Portland cement concrete;
(5) 72,000 lbs. bar reinf. steel;
(6) 2,000 lbs. cast steel;
(7) 180 sq. yds. gunite;
(8) 550 sq. yds. plaster;
(9) 1 lot misc. items of work.

Total bids were:

(A) Silveria & Robbins, Ventura, $17,850.
(B) R. R. Bishop, Long Beach, $19,109.50.
(C) Byerts & Dunn, Los Angeles, $21,295.00.
(D) Carlo Bongiovanni, Los Angeles, $21,939.00.

Unit prices follow:

)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(A)	$1.00	$2.50	$50.00	$17.00	$.045	$.145	$1.50	$1.00	$ 300.00
(B)	2.00	1.40	60.00	17.60	.043	.25	2.00	1.25	1000.00
(C)	1.40	1.60	65.00	19.00	.053	.18	4.00	1.40	1600.00
(D)	3.00	2.75	58.00	20.00	.0475	.14	4.00	.85	530.00

SHASTA COUNTY—13.157 Mi. Surfacing — (Govt.)

SHASTA COUNTY, Calif.—Tiffany Const. Co., 535 N. 7th Street, San Jose at $22,070 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 807 Sheldon Bldg, 461 Market St, San Francisco, for placing subgrade reinforcement and bituminous surface treatment (light surface application) on 13.157 miles of Section F of Route 77, the Mt Shasta - Mt Lassen National Forest Highway, Lassen National Forest, Shasta County

Bids were taken as follows:

(1) 15,000 c.y. subgrade reinforcement
(2) 600 M. gals. watering;
(3) 480 tons asphaltic road material, type SC-2;
(4) extra work, detours;
(5) extra work, sanding asph. material;
(6) 170 each culvert markers.

Total bids follow:

(A) Tiffany Const. Co., San Jose, $22,070.00.
(B) C. F. Fredericksen & Sons, and Harold Smith, Lower Lake, $24,380.00.
(C) Chas. Kuppinger, Lakeport, $24,449.90.
(D) A. Teichert & Son, Inc., Sacramento, $24,956.00.
(E) Hanrahan - Wilcox Corp., S. F. $24,975.00.
(F) Sidney Smith, Albert Helwig and Hein Bros. Basalt Rock Co., Petaluma, $26,530.00.
(G) Hemstreet and Bell, Marysville, $29,110.00.
(H) Leo F. Piazza, San Jose, $29,289.50.
(I) Engineer's estimate, $22,640.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .67	$ .90	$ .82	$ .60	$ .91	$ 1.00	$ 1.00	$ 1.05	$ .70
(2)	1.50	2.00	1.50	1.50	1.00	2.00	1.50	1.60	2.50
(3)	21.50	18.00	21.43	29.20	20.00	19.00	25.00	24.20	20.00
(4)	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
(5)	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
(6)	2.00	2.00	1.55	2.00	2.50	3.00	3.00	1.55	2.00

County, Washington, Federal Public Works Project.

FERRY COUNTY: Stockpiling about 960 cubic yards of mineral aggregate (oil rock) materials and crushed stone surfacing material for about 2.8 miles of State Road No. 3, section 1 Addy to Blue Creek and 27.7 miles of State road No. 3, Section 2, Kettle Falls to Laurier, in Ferry County, Washington, Federal Public Works Project.

Pend Oreille County: Stockpiling about 9700 cubic yards of mineral aggregate (oil rock) materials and crushed stone surfacing materials for about 15.7 miles of State Road No. 6, Bear Creek to Rogers Pass, in Spokane & Pend Oreille Counties, Washington, Federal Public Works Project.

LINCOLN and Spokane Counties: Stockpiling about 6730 cubic yards of mineral aggregate (oil rock) materials and crushed stone surfacing material for about 10.9 miles of State Road No. 11, Fishtrap West and Fishtrap to Tyler in Lincoln and Spokane Counties, Washington, Federal Public Works Project.

Plans and specifications obtainable from above office upon deposit of $2.

BIDS OPENED

MULTNOMAH CO., Ore.—Kern & Kibbe, 42 SE Salmon, Portland, at $63,964.90 submitted low bid to the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 2 for 1.01 miles paving on the Foster Road-Flavel St. Section of Eighty-second Ave., Portland. U.S.P.W. Project No. NRM 199-G.

Total bids follow:

Kern & Kibbe, Portland	$63,964.90
Harold Blake, Portland	68,121.50
Jacobsen-Jensen, Portland	69,573.50
Theo. Arenz, Portland	69,882.50
Edlefsen-Weygandt, Portland	71,787.20
United Contr. Co., Portland	84,350.50

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO COUNTY.—Until May 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.1 mile pavement widening and paving with Portland cement concrete and asphalt concrete in the City of San Francisco on Fifth Street between Harrison Street and Bryant Street.

The work involves:

(1) 27,000 sq. ft. street grading;
(2) 300 sq. yds. removing existing asphalt surface;
(3) 1,400 tons crusher run base;
(4) 4,000 sq. yds. asph. paint binder;
(5) 2,200 tons asphalt concrete;
(6) 160 c.y. Class A Portland cement conc. (pavement widening strips)
(7) 325 lbs. bar reinf. steel;
(8) 200 each pavement dowels;
(9) 165 c.y. Class A Portland cement concrete (curbs and sidewalks);
(10) 365 c.y. Class B do (curb backing and ballast);
(11) 548 l.f. removing and resetting stone curbs;
(12) 1,100 each cross walk markers;
(13) 2 ea. moving and resetting street signs;
(14) 7 each moving and resetting side sewer traps;
(15) 6 each removing and resetting manhole frames and covers;
(16) 2 each removing catchbasin covers and frames and placing manhole frames and covers;
(17) 4 each new brick catchbasins;
(18) 4 ea. moving and resetting brick catchbasins;
(19) 330 l.f. 10-in. vitrified clay pipe sewer.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, to be opened in Sacramento on May 22 and in Los Angeles on May 23:

IV-Ala-69-Ber; at Folger Avenue in City of Berkeley, bids to be opened May 22: PLANS (No. of Sheets) 6; (Cost) $1.20; No Cross-Sections; (Total) $1.20.

VII-L.A-4-E, bridge across Newhall Creek at Newhall, to be opened May 23: PLANS (No. of Sheets) 6; (Cost) $.60; No Cross-Sections; (Total $.50.

VII-Ora-174-A, between Anaheim & Miraflores, bids to be opened May 23: PLANS (No. of Sheets) 14; (Cost) $1.40 CROSS-SECTIONS (No. Sheets) 23; (Cost) $2.30; (Total) $3.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

CONTRACT AWARDED

HAYWARD, Alameda Co., Calif.—Jones & King, Jackson St., Hayward, at $824 awarded contract by the Hayward City Council for installation of sewer laterals on Lower Castro St.

SAN FRANCISCO — College Hill Pipe Line — (City)

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $118,967.30 submitted low bid to the Public Utilities Commission, City Hall, under S. F. W. D. Spec. No. 73, for laying the College Hill Pipe Line from the reservoir to Duboce Avenue.

The work involves:

(1) removal and delivering of steel pipe from the Newark-San Lorenzo Pipe Line to San Francisco, 7,770 l.f. of 36-in. dia. pipe;
(2) removal of lining and coating from the steel pipe, 7,770 l.f. of 36-in. pipe;
(3) repairing holes in the 36-in. dia. steel pipe, 15 holes;
(4) relining and recoating of steel pipe with single standard wrapping, 7,770 l.f. of 36-in. pipe;
(5) cleaning of 30-in. dia. cast iron pipe, 150 12-ft. lengths of pipe;
(6) lining, coating, etc., of 30-in. dia. cast iron pipe, 1,800 l.f. of 30-in. pipe;
(7) fabrication, lining and coating of steel pipe with single standard wrapping, 2,610 l.f. of 20-in. pipe;
(8) fabrication of bends, 36 round-about seams from 36-in. dia. steel pipe;
(9) fabrication of bends, 9 round-about seams from 20-in. dia. steel pipe;
(10) excavation and backfill for normal trench, not over 6-ft. below the street surface for 36-in. dia. pipe, 7,460 l.f.;
(11) do, not over 5½-ft. below street surface for 30-in. dia. pipe, 1,760 lin. ft.;
(12) do, not over 4¾-ft. below street surface for 20-in. dia. pipe, 2,[illegible] lin. ft.;
(13) additional excavation and backfill for trench from normal trench depth to 8-ft. below the street surface, 172 c.y.;
(14) do for trench over 8-ft. below the street surface, 152 c.y.;
(15) excavation and backfill for drains normal trench, 68 c.y.;
(16) excavation and backfill for blow-offs, normal trench, 27 c.y.;
(17) additional pavement removal and replacement, 1,750 sq. ft.;
(18) installation of drains, 307 l.f.;
(19) installation of steel pipe, 7,460 l.f. of 36-in. dia. steel pipe;
(20) do, 2,510 l.f. of 20 in. dia. do;
(21) do, 1,760 l.f. of 30-in. dia. cast iron pipe;
(22) making joints for pipe and fittings, 1,730 l.f. bell and spigot joints.
(23) installation of fittings, 71,400 lbs.
(24) repavement, 46,970 sq. ft.

Total bids follow:

(A) Eaton & Smith	$118,967.30
(B) Chas. L. Harney	121,686.12
(C) M. J. Lynch	121,855.20
(D) Sibley Grading & Teaming Company	126,312.16
(E) W. J. Tobin, Oakland	134,907.50
(F) MacDonald & Kahn Co.	144,794.60
(G) Healy - Tibbitts Const. Company	154,302.15
(H) Peninsula Paving Co.	163,782.40

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.00	$ .85	$ 1.50	$ 1.17	$ 1.60	$ 1.24	$ 1.25	$ 1.00
(2)	.60	.70	.70	.74	1.00	.65	.65	1.40
(3)	12.00	12.00	12.00	10.00	10.00	12.20	20.00	15.00
(4)	2.00	1.84	2.00	2.07	2.10	2.05	2.25	2.50
(5)	6.00	5.80	12.50	5.80	8.00	5.80	10.00	6.00
(6)	1.00	1.10	1.00	.6666	.56	1.23	.60	2.00
(7)	5.00	4.00	3.90	4.70	4.30	5.17	5.00	5.50
(8)	40.00	50.00	35.00	25.00	25.00	31.00	35.00	40.00
(9)	25.00	40.00	25.00	20.00	20.00	22.00	30.00	30.00
(10)	3.25	3.66	3.00	3.73	3.00	4.96	5.25	2.65
(11)	3.00	3.25	2.70	3.62	3.00	5.10	4.75	4.65
(12)	2.50	2.50	2.00	2.63	2.15	3.05	4.50	4.15
(13)	8.00	10.00	10.00	6.00	2.00	20.00	8.00	10.00
(14)	10.00	25.00	20.00	10.00	4.00	25.00	16.00	20.00
(15)	3.00	2.40	5.00	10.00	2.00	6.00	11.00	2.50
(16)	3.00	2.40	5.00	8.00	2.00	6.00	10.00	2.50
(17)	.40	.34	.40	.31	.50	.44	.22	.35
(18)	.70	.66	1.00	1.00	.40	1.40	1.75	.50
(19)	1.50	1.60	1.50	1.34	2.80	1.35	1.80	2.00
(20)	1.60	1.65	1.40	1.37	1.80	1.30	1.20	1.50
(21)	2.00	1.76	.50	.55	1.00	.95	1.50	1.50
(22)	.50	.60	.60	.785	1.00	.50	2.00	1.00
(23)	.05	.03	.08	.10	.15	.075	.10	.07
(24)	.22	.23	.26	.26	.225	.26	.22	.22

All bids referred to the City Engineer and the PWA.

CONTRACT AWARDED

HOOD RIVER CO., Oregon.—Babler Bros., 2407 NW 28th, Portland, at $5,240 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 2, for 0.85 mile road mix oil surface treatment on the Jericho Lane Section of Hood River Secondary Highway, U.S.P.W. Project NRS 253.

Northwest Roads Co., Portland, at $5,615 submitted the only other bid.

CONTRACT AWARDED

MOHAVE COUNTY, Ariz.—R. C. Tanner and W. E. Hall Co., 525 Phoenix Title & Trust Bldg., Phoenix, at $55,930 awarded contract by the Bureau of Public Roads, Phoenix, for grading 4.718 miles of Section E of the Federal Lands Highway Project No. 2, Kingman-Boulder Dam Highway in Mohave County.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—V. R. Dennis Constr. Co., 3911 5th Avenue, San Diego, at $16,789.50 awarded contract by the State Highway Commission, Sacramento, for about 1.1 miles widening pavement with asphalt concrete in San Diego County, between Russ Blvd. and Calle Colon in the City of San Diego.

BIDS WANTED

LOS ANGELES, Cal.—Until May 22, 10:00 A. M., bids will be received by the Los Angeles Board of Public Works, City Hall, for grading, paving and otherwise improving San Fernando Road west between Aviation Drive and Goodwin Avenue, involving:

(1) 8641 cu. yds. excav. and 4924 cu. yds. fill, including removal of existing improvements;
(2) 134,395 sq. ft. concrete pavement;
(3) 134,395 sq. ft. asphaltic concrete pavement, 7-in. thick, consistng of 5-in. asphaltic concrete base and 2-in. asphaltic concrete wearing surface;
(4) 134,395 sq. ft. Warrenite-Bitulithic pavement 7-in. thick, consisting of 5-in. asphaltic concrete base and 2-inch Warrenite-Bitulithic wearing surface;
(5) 931 sq. ft. concrete pavement, 6-inch thick;
(6) 1110 sq. ft. concrete pavement 8-inch thick;
(7) 285 linear feet unplastered light curb;
(8) 311 sq. ft. 2-in. one-course sidewalk;
(9) storm drain and appurtenances, complete in place.

COMPLETE BID LISTING

VENTURA COUNTY, Cal.—United Concrete Pipe Corp., 1347 W. 208th Street, Los Angeles, at $24,911.40, submitted low bid to C. H. Purcell, State Highway Engineer, 808 State Building, Los Angeles, May 8, for highway improvement in Ventura County at Harmon Barranca, about 0.06 mile in ength, to be graded and surfaced with plant-mixed surfacing, medium curing type, involving:

(1) 4 stations clearing and grubbing right of way;
(2) 550 M. gallons water;
(3) 27,000 c.y. imported borrow;
(4) 1,000 c.y. struc. excavation;
(5) 4 stations finishing rdwy.;
(6) 220 tons mineral aggregate (plant mixed surfacing);
(7) 12 tons liquid asphalt MC-5 or MC-extra heavy (do);
(8) 2 tons liquid asph. MC-28 (prime coat);
(9) 14,000 lbs. bar reinf. steel (struc.)
(10) 115 c.y. Class A Portland cement concrete (structures);
(11) 10 l.f. 18-in. CMP;
(12) 44 l.f. 24-in. CMP;
(13) 32 l.f. 30-in. CMP;
(14) 108 l.f. 36-in. CMP;
(15) 44 l.f. removing, cleaning and salvaging existing CMP culverts;
(16) 151 l.f. cleaning and relaying existing CMP culverts;
(17) 172 l.f. 135-in. multiplate CMP;
(18) 400 l.f. laminated timber guard railing;
(19) 2.5 M. ft. BM Douglas fir timber;
(20) 1 only removing existing bridge.

The total bids were:

(A) United Concrete Pipe Corp., $24,911.40.
(B) Silveria & Robbins and J. P. Immel, Ventura, $26,278.50.
(C) Basich Bros., Torrance, $31,069.40

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 30.00	$ 25.00	$ 15.00
(2)	.40	.75	.70
(3)	.40	.36	.60
(4)	.60	1.00	.75
(5)	20.00	10.00	10.00
(6)	3.80	3.75	2.80
(7)	16.00	14.00	12.00
(8)	12.00	20.00	12.00
(9)	.06	.05	.05
(10)	18.00	16.00	20.00
(11)	2.00	3.00	1.90
(12)	2.60	3.00	2.60
(13)	3.20	2.50	3.20
(14)	5.50	4.50	5.00
(15)	.50	1.00	.50
(16)	1.00	1.00	.60
(17)	40.00	49.00	43.50
(18)	1.00	1.00	1.25
(19)	60.00	60.00	68.00
(20)	700.00	1500.00	810.00

BIDS WANTED

SAN FRANCISCO.—Until May 15, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, under Spec. No. 18,-859, for the construction of a stairway on Holladay Ave. from Peralta Ave. to Bay Shore Blvd. Estimated cost, $3,000.

The work involves:

(1) 65 c.y. Class B concrete;
(2) 3,000 lbs. bar reinforcing steel;
(3) 350 l.f. 2-pipe railing with concrete posts;
(4) 15 l.f. 6-in. VCP culvert;
(5) lump sum, lighting system installed, complete.

Specifications obtainable from the City Engineer, Room 351, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $22,572 awarded contract by the State Highway Commission, Sacramento, for 2.1 miles grading and surfacing with crusher run base and armor coat applied, in Sacramento County between Ryde and ½ mile east of Steamboat Slough

BIDS WANTED

SAN FRANCISCO.—Until May 15, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, under Spec. No. 18,-760, for the improvement of railroad right of way in Marina Blvd, from Buchanan St. to Lyon St. Estimated cost, $3,200.

The work involves:

(1) 6,400 sq. yds. removing grass, weeds and rubbish;
(2) 2,560 gals. applying weed killer solution;
(3) 1,065 c.y. placing rock ballast.

Specifications obtainable from the City Engineer's office, Room 351, City Hall, upon cash deposit of $10.00.

CONTRACT AWARDED

WASCO COUNTY, Ore.—H. C. Rogers, Yakima, Wash., at $9,995 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, May 2, for furnishing approximately 6,200 cu. yds. of crushed rock in stockpiles on the Maupin-Cow Canyon Section of The Dalles - California Highway, Wasco County.

Complete bids follow:

H. C. Rogers, Yakima	$ 9,995
Chas. H. Hoyt, Silverton	11,866
Saxton & Looney, Corvallis	12,010
Kuckenberg-Wittman Co., Portland	19,995
A. A. Hardesty, Portland	15,045
Babler Bros., Portland	15,130

LOS ANGELES — MINE HOISTS — (MET. DISTRICT)

LOS ANGELES, Cal.—Bids for furnishing electric mine hoists for use at the Potrero and Cabazon Shafts of the San Jacinto Tunnel of the Colorado River Aqueduct, Spec. No. 98, were opened by Metropolitan Water District May 7. The bids were taken as follows:

(1a) one electric mine hoist for Potrero Shaft with single reduction gearing;
(1b) (alternate) with double reduction gearing;
(2a) one electric mine hoist for Cabazon Shaft with single reduction gearing;
(2b) (alternate) with double reduction gearing;
(3) services of an erecting engineer.

The bidders were:

(A) Consolidated Steel Corp., Ltd., fob Los Angeles.
(B) Nordberg Mfg. Co., fob Milwaukee.
(C) Ottumwa Iron Works, fob Ottumwa, Iowa.
(D) Allis-Chalmers Mfg. Co., fob Milwaukee (½ of 1%).
(E) Faulcon Iron Works, fob Wilkes-Barre, Pa. (1%) (Westinghouse equipment).
(F) Faulcon Iron Works, fob Wilkes-Barre, Pa. (Alt.) (1%) General Electric equipment).

The bids were:

	(1a)	(1b)	(2a)	(2b)	(3)	Ship. wt. in lbs.
(A)	$56,040.00	$54,245.00	$54,615.00	$51,855.00	$25.00	257,000*
(B)	33,340.00	32,595.00	32,095.00	29,995.00	15.00	207,000
(C)	45,900.00	44,600.00	45,250.00	42,750.00	15.00	297,000
(D)	51,000.00	48,800.00	48,575.00	45,950.00	22.50	280,000§
(E)	39,330.00	40,804.00	37,460.00	38,960.00	16.00	185,000§§
(F)	39,330.00	40,804.00	38,658.00	39,435.00	16.00	185,600**

*Potrero Shaft equipment, Cabazon, 252,000 lbs.

§Potrero Shaft equipment, Cabazon 270,000 lbs.

§§Potrero Shaft equipment, Cabazon 194,600 lbs.

**Potrero Shaft equipment, Cabazon 198,800 lbs.

Alternate, Ottuma Iron Works: (2a) $43,615, double friction, single reduction hoist, G-E 300-hp., 300-rpm. motor and control (2b) $41,985, double friction drive, double reduction hoist G-E 300-hp., 750-rpm. motor and control. Alternate: (1a) Potrero, $37,550, double friction drive, single reduction hoist, G-E, 500 - hp., 600 - rpm.; (1b) Cabazon, $36,500, double friction drum single reduction hoist, G-E 350-hp., 375-rpm. motor; alternate, Cabazon, $35,400, double friction drum, single reduction hoist, G-E 300-hp., 375-rpm.

IDS WANTED

EL CERRITO, Contra Costa Co., al.—Until May 20, 5 P. M. (to be ened at 8 P. M.) bids will be reeived by the El Cerrito City Coun l. Fred J. Prosser, City Clerk, City all, for the improvement of Cutting lvd. from the westerly limit of the ty of El Cerrito to the westerly line Pablo Avenue.

The work involves:

1) 242 c.y. excavation;
2) 96 c.y. fill;
3) 351 tons crusher run base;
4) 837 gals. paint coat;
5) 245 tons natural rock asphalt;
6) 913 l.f. concrete curb;
7) 79.87 c.y. concrete gutter in driveways;
8) 86 l.f. excavation, remove 16-in. pipe and install 24-in. CMP and backfill;
9) 102 l.f. excavation, remove 16-in. pipe and install 24-in. CMP and backfill;
10) 40 l.f. excavation, and removing 16-in. pipe and backfill;
11) 40 l.f. excavation and removing 24-in. CMP and backfill;
12) 84 l.f. excavation, laying 16-in. CIP and backfill;
13) 52 l.f. redwood headers;
14) 5 reinforced concrete catchbasins complete in place.

Plans and specifications obtainable om the City Clerk's office upon deosit of $5.00.

Harry D. Chapman, City Engineer. Cost is estimated at approximately 4,000.

IDS WANTED

GRANT COUNTY, Ore.—Until May 5, 10 A. M., bids will be received by he Bureau of Public Roads, 316 New ostoffice Building, Portland, for the onstruction of the John Day-Burns econstruction Grading NR-35-A3, Naional Forest Road Project, located ithin the Malheur National Forest, rant County.

The length of the project is approximately 1.021 miles, and the work nvolves:

1) 17 acres clearing;
2) 11 acres grubbing;
3) 163,200 c.y. unclass. excav.;
4) 164,000 sta. yds. overhaul;
5) 4,400 l.f. rounding cut slopes;
6) 310 l.f. 18-in. extra strength reinforced concrete pipe;
7) 410 l.f. 24-in. do;
8) 250 l.f. culverts (alternate).

Plans and specifications obtainable rom the above office upon deposit of 10.00.

IDS OPENED

NAPA COUNTY, Cal. — Harold mith, 1427 Kearny St., Helena, at 7794.75 submitted low bid to the DearTment of Public Works, Division f Highways, Jno. H. Skeggs, Dist. Engineer, State Bldg., San Francisco, or about 0.2 mile to be graded and rusher run base and plant-mixed urfacing (medius curing type) conructed, in Napa County, between ountville and Oakville.

The work involves:

1) 3,650 c.y. rdwy. excav., unclass.;
2) 350 c.y. existing concrete to be removed and stockpiled;
3) 10 sta. finishing roadway;
4) 800 tons crusher run base in place;
5) 375 tons mineral aggregate in place (plant-mixed surf
6) 20 tons liquid asphalt MC-5 or MC-Extra Heavy in place (plant mixed surfacing);
7) 4 tons liquid asphalt MC-2 in place (prime coat);
8) 3 tons liquid asphalt MC-3 do
9) 6 tons liquid asphalt SC-1A, in place;
10) 25 tons screenings in place;
11) 18 guide posts in place.

Total bids follow:

(A) Harold Smith, St. Helena, $7,794.75.
(B) Ransome Co., Emeryville, $8500.10
(C) A. G. Raisch, S. F., $8844.44
(D) Pacific States Constr. Co., San Francisco, $9187.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .79	$ .85	$ .10	$ .95
(2)	2.00	3.00	6.00	3.00
(3)	5.00	5.00	10.00	6.00
(4)	2.50	2.36	3.50	3.00
(5)	3.75	4.30	4.50	4.50
(6)	20.00	21.80	18.00	20.00
(7)	20.00	21.30	18.00	22.00
(8)	20.00	21.30	18.00	22.00
(9)	16.00	14.80	12.49	16.00
(10)	3.00	3.50	4.00	4.00
(11)	3.00	2.00	2.00	4.00

BIDS REJECTED

SAN DIEGO COUNTY, Calif.—All bids received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, April 18, for grading and placing subgrade reinforcement on 6.886 miles of Section C of Route 73, the Lagnua National Forest Highway, Cleveland National Forest, San Diego County, have been rejected.

J. E. Haddock, 3577 Chester Ave., Pasadena, at $137,916.80 submitted the low bid. The engineer's estimate was $122,738.80.

BIDS WANTED

SAN FRANCISCO.—Department of Public Works, S. J. Hester, Chief Deputy Director, plans to improve (expediency) Newhall Street between Carroll Ave. and the southerly line of Williams Ave. produced easterly, where not already improved, including the intersection of Armstrong Ave. and excepting that portion required by law to be paved by the railroad company having tracks thereon. Spec. No. 18,860. Estimated cost, $6,500.

The work involves:

(1) 732 l.f. armored concrete curbs;
(2) 288 l.f. 12-in. VCP sewer in place;
(3) 3 each 12x8-in. "Y" branches in place;
(4) 175 l.f. 8-in. VCP side sewer in place;
(5) 2 each brick manholes complete;
(6) 2 each brick catchbasins complete
(7) 86 l.f. 10-in. VCP culvert in place
(8) 71 sq. ft. 1-course concrete sidewalk;
(9) 20,536 sq. ft. asphalt conc. pavement, consisting of a 6-in. Class F concrete base and a 2-inch asphaltic conc. wearing surface.

CONTRACT AWARDED

SAN FRANCISCO.—Fay Imp. Co., Phelan Bldg., at $5,396.72 awarded the contract by the Department of Public Works, City Hall, for the construction of the roadway on Tenth Avenue between Lawton and Noriega Streets, under Spec. No. 18,856.

BIDS WANTED

ALPINE COUNTY, Cal.—Until May 29, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.8 miles grading and surfacing with untreated crushed gravel or stone and applying road mix surface treatment in Alpine County between the Nevada State Line and 3.4 miles north of Woodfords.

The work involves:

(1) 24 stations clearing and grubbing right of way;
(2) 500 M. gals. water;
(3) 23,000 c.y. rdwy. excav., unclass.;
(4) 1,710 c.y. ditch and channel excavation.
(5) 1,010 cy. structure excavatoin;
(6) 27,000 sta. yds. overhaul;
(7) 147 sta. finishing rdwy.;
(8) 11,100 cu. yds. untreated crushed gravel or stone surfacing;
(9) 170 tons liquid asphalt SC-4 (road mix surface treatment);
(10) 35 tons liquid asph SC-2 (prime coat);
(11) 32,560 sq. yds. preparing, mixing, and shaping road bed;
(12) 74 c.y. Class A Portland cement concrete (structures);
(13) 3,070 lbs. bar reinf. steel (struc.);
(14) 792 l.f. 18-in. CMP;
(15) 532 l.f. 24-in. CMP;
(16) 140 l.f. 36-in. CMP;
(17) 60 l.f. 48-in. CMP;
(18) 46 l.f. existing CMP culverts removed and salvaged;
(19) 0.66 MFBM redwood timber, select, all-heart, structural grade (flash boards);
(20) 30 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until May 20, 10 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Henry A. Pfister, Clerk, for the improvement of the Los Gatos-Almaden Road, and Coleman Road and Redmond Road, in Supervisor Districts Nos. 4 and 5. The work involves 276,280 sq. ft. of pavement.

Plans and specifications obtainable from the above office at a charge of $1.00.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until May 20, 10 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Henry A. Pfister, Clerk, for the improvement of Foothill Road in Supervisor District No. 1. Work involves 139,670 sq. ft. of pavement.

Plans and specifications obtainable from the above office at a charge of $1.00.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—United Concrete Pipe Corp., 1347 W. 208th St. Los Angeles, at $24,911.40 awarded contract by the State Highway Commission, Sacramento, for about 0.06 mile grading and surfacing with plant mixed surfacing, medium curing type in Ventura County at Harmon Barranca.

BIDS OPENED

SAN DIEGO COUNTY, Cal.—Paulsen & March, 8275 Compton Ave., Los Angeles, submitted low bid to the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego May 7, at $4773.60 (or $7.02 ton), for highway construction in San Diego County, in the City of San Diego, between Broadway and the north city limits, about 15.9 miles in length, shoulders to be treated with liquid asphalt, involving:

(1) 680 tons liquid asphalt, SC-2, in place.

The bids were:

Paulsen & March, Los Angeles, $7.02 ton; total $4773.60.
Morgan Bros., Huntington Park, $8.52 ton; total $5793.60.
Lamb's Transfer, Long Beach, $8.625 ton; total $5865.
Gilmore Oil Co., Los Angeles, ton; total $5943.20.
Square Oil Co., Los Angeles, $7.80 plus 2½% sales tax. (Bid irregular).

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until May 21, 2 P. M., bids will be received

by the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego, for planting roadsides in San Diego County, between Encinitas and Oceanside, about 10.1 mile in length, involving:

(1) 435 ground cover plants in place (key No. 1);
(2) 539 shrubs in place (key No. 2);
(3) 348 trees in place (key No. 3);
(4) 598 trees in place (key No. 4);
(5) 282 shrubs in place (key No. 5);
(6) 105 shrubs in place (key No. 6);
(7) 10 trees in place (key No. 7);
(8) 469 shrubs in place (key No. 8);
(9) 1585 ground cover plants in place (key No. 9);
(10) 45 shrubs in place (key No. 10);
(11) 42 trees in place (key No. 11);
(12) 20 shrubs in place (key No. 12).
(13) 30,000 mesembryanthemum edule cuttings in place;
(14) 328 guide posts in place;
(15) 886 tree stakes in place (2-inx2-in.x10 ft.);
(16) 751 shrub stakes in place (2-in.x 2-in.x 4 ft.)

Cash or certified or cashier's check, 10%.

Specifications obtainable from above office.

BIDS OPENED

SAN FRANCISCO. — Fay Improvement Co., 760 Market St., at $2,663.11 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,857, for the reconstruction of Shrader Sreet between 17th St. and line 229 feet south of Carmel Street.

The work involves

(1) 150 l.f. granite curb redressed and reset;
(2) 6420 sq. ft. 6-in. Class E concrete pavement;
(3) 480 sq. ft. remove existing pavement and repave with asphalt concrete pavement, consisting of a 5-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 35 tons asphaltic concrete binder in place;
(5) 7200 sq. ft. 2-inch asphaltic concrete wearing surface;
(6) 2220 sq. ft. 2-in. do to be removed and replaced;
(7) 320 sq. ft. asphaltic concrete conform pavement.

Total bids follow:

(A) Fay Improvement Co.	$2,663.11
(B) Chas. L. Harney	2,798.20
(C) Pacific Pavements Co.	2,941.40
(D) Theo. Cohn	2,982.00
(E) A. G. Raisch	2,988.20
(F) E. J. Treacy	3,040.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$0.80	$0.50	$0.20	$0.50	$1.00	$0.40
(2)	.26	.28	.28	.30	.29	.32
(3)	.315	.30	.35	.30	.30	.30
(4)	4.25	5.00	6.00	5.00	5.00	5.00
(5)	.054	.06	.07	.06	.06	.06
(6)	.078	.07	.09	.09	.09	.07
(7)	.06	.06	.10	.10	.08	.06

Bids held under advisement.

31 — PIPE LINES & WELLS

COMPLETING PLANS

LOS ANGELES, Calif. — Plans and specifications for flood control work in the La Crescenta-Montrose District, estimated to cost approximately $1,000,000, are being completed in the office of C. H. Howell, Chief Engineer of the County Flood Control District. They will be filed with he board of supervisors within the next three weeks and contracts let probably within the next sixty days.

The work proposed includes two debris basins, with their respective channels, and three sections of the Verdugo Wash Channel. They are: Pickens Debris Basin with a channel 6150 ft. in length, and the Hall-Beckley Debris Basin with a channel 8050 ft. in length. These two channels will connect with the Verdugo Channel just above the Oakmont Country Club. The upper section of the Verdugo Channel will be 1700 ft. in length, 43 ft. wide, and 6 to 8 feet in depth; Del Valle St. to Mountain, 6475 ft., 43 ft. wide and 6 to 8 ft. deep; the Kenilworth Ave. to L. A. River Section, 4080 ft. A portion of the latter section, between Concord St. and the River will be 87 ft. wide with an average depth of 6 ft.

Funds for this work will be obtained from the $4,000,000 allotment by the Disaster Relief Corp., a subsidiary of the Reconstruction Finance Corp. By an amendment to the flood control act, voted at the last session of the legislature, the district was permitted to issue bonds to the extent of $4,200,000, without submitting the question to vote. The district pays 4½ per cent interest for the loan.

CONTRACT AWARDED

SEATTLE, Washington. — D. Nygren, Lloyd Bldg., Seattle, at $65,783 awarded contract by Seattle Board of Public Works for the construction of the Landsburg Dam in the Cedar River Valley.

CONTRACT AWARDED

PORTLAND, Oregon.—S. M. Smith, York, Pa., at $1,135,329 awarded contract by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-35-513, for furnishing two 60,000-h.p. and one 5,000-h.p. turbines and governing equipment for same.

CONTRACT AWARDED

PERSHING COUNTY, Nev.—Union Portland Cement Co. has been awarded contract at $34,400 by the Bureau of Reclamation, for furnishing cement for the Rye Patch Dam, Pershing Co.

CONTEMPLATED

ASHTON, Idaho—The Bureau of Reclamation has applied to R. W. Faris, Idaho State Commissioner of Reclamation, for permission to construct an 83 ft. dam on the north fork of Snake River near Ashton. As planned, the dam would form a reservoir of 114,000 acre feet capacity. Estimated cost, $1,300,000.

31 — PIPE LINES & WELLS

BIDS OPENED

OGDEN, Utah — Barnard Curtiss Co., Minneapolis, Minnesota, at $211,810.36 on Schedule 1, and at $399,554.51 with an alternate of $426,422.63 on Schedule 2, submitted low bids to the Bureau of Reclamation, Ogden, Utah, May 2, under Spec. No. 622, for the construction of the Ogden Canyon Conduit, Ogden River Project, Utah.

Bids were taken as follows:

Schedule No. 1: Station 17+60 to Station 120+09, Station 143+55 to Station 148+30, Station 239+28.5 to Station 267+00, and materials only from Station 9+68.3 to Station 17+60.

Schedule No. 2: Station 17+60 to Station 267+00 and materials only from Station 9+68.3 to Station 17+60. Bids were taken for alternatives under band spacing "A" and band spacing "B."

Complete total bids follow:

Barnard Curtiss Co., Minneapolis, Minn.: (1) $211,810.36; (2) $399,554.51 and $426,422.63.

Utah Constr. Co., Ogden, and Morrison-Knudsen Co., Inc., Boise, Idaho: (1) $260,016.33; (2) $491,425.83 and $520,915.23.

Olof Nelson, Logan, Utah: (1) $286,201; (2) $492,149.50 and $520,546.70.

Bids held under advisement.

32—SEWERS & SEWAGE DISPOSAL PLANTS

FUNDS ALLOTTED

PALO ALTO, Santa Clara Co., Cal.—The Veterans' Administration Facility, Washington, D. C., has allotted $32,000 to the Veterans' Administration Hospital at Palo Alto, for sewage disposal.

TO ASK BIDS SHORTLY

SEATTLE, Wash.—Plans for Ballard trunk sewer have been approved by the Board of Public Works and sent to E. R. Hoffman, Washington State PWA Engineer, for approval. The project will include 7800 ft. of 36- to 72-in. sewer pipe. Alternate bids will be taken on monolithic reinforced concrete, vertical and centrifugal cast pipe. A 36-in. inverted siphon, 2,490 feet in length will be laid on the bottom of Lake Washington canal 50 ft. below water and connected with the North Trunk Sewer on south shore of the canal. Alternate bids will be received for welded steel and creosoted wood stave pipe. Bids will be asked shortly. Thomas R. Beeman, city engineer.

PLANS APPROVED

SAN FRANCISCO—Clifton E. Hickok, Northern California District PWA Engineer, has approved plans and specifications for the construction of sewers and appurtenances in Elxin Street from Townsend to the channel. Work includes 947 ft. of reinforced concrete sewer (6 ft.); 73,000 ft. of piles and incidental items.

BIDS WANTED

LAGUNA BEACH, Cal.—Until May 15, 7:30 P. M., bids will be received by the Laguna Beach City Council for constructing sewers in Sanitary Lateral Sewer District No. 1 (Arch Beach), under the 1911 and 1931 Acts. The proposed new system will cover the area between Thalia St. and Cypress Ave., and between the ocean and the city limits on Temple Hill and will involve approximately the following:

(1) 18,044 lin. ft. 8-in. vit. sewer pipe.
(2) 6320 lin. ft. 6-in. do;
(3) 2035 lin. ft. 10-in. do;
(4) 955 lin. ft. manholes;
(5) 10 flushing manholes;
(6) 118 lin. ft. 4-in. C. I. pressure line pipe;
(7) 1 pump station;
(8) 2 centrifugal pumps, including electric appliances;
(9) 6 lin. ft. lamp holes; manhole frames and covers.

Average depth of structure, 10 ft.

A. J. Stead, City Engineer. Certified check or bond, 10%. G. W. Prior, City Clerk. A. S. Monroe, Citizens National Bank Bldg., Los Angeles, is the attorney handling the proceedings.

BIDS WANTED

SAN FRANCISCO.—Until May 22, 2:30 P. M., blds will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,836, for construction of sewers and appurtenances in Sixth St., Section B, from Townsend Street to Channel Street.

The work involves:

(1) 947 l.f. 6-ft. circular reinf. concrete sewer (heavy section);
(2) 3 each manholes on conc. sewer
(3) 1 manhole on vitrified clay pipe sewer;
(4) 947 l.f. 12-inch VCP underdrain covered with concrete or imbedded in broken rock, as directed
(5) 73,000 l.f. piles below cut-off;

(6) 450 l.f. borings;
(7) 35 l.f. 10-in. VCP culvert;
(8) 40 l.f. 12-in. VCP sewer.

The project is financed in part by PWA funds. Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

28 — FIRE EQUIPMENT

BIDS WANTED

TRACY, San Joaquin Co., Cal.—Until May 7, 8 P. M., bids will be received by the Tracy City Council, E. T. A. Barrett, City Clerk, for furnishing 500 ft. of 2½-in. fire hose.

Specifications obtainable from above office.

CONTRACTS AWARDED

SAN FRANCISCO. — Contracts for furnishing garden hose for the Park Department, under Bid No. 1354, have been awarded by T. A. Brooks, Purchaser of Supplies, as follows:

Dunham, Carrigan & Hayden, Kansas and Division Sts.: $0.1448 per ft. for 10,000 ft. (more or less) of 1-inch garden hose.

Quaker City Rubber Co., 168 Second St.: $0.0936 per ft. for 1,000 feet (more or less) of ¾-in 2-braid garden hose, double double.

CONTEMPLATED

MERCED COUNTY, Calif.—County Board of Supervisors is planning to purchase five fire trucks at an estimated cost of $10,000. W. E. Bedesen, county surveyor.

BIDS REJECTED

HEALDSBURG, Sonoma Co., Cal.—All bids received by the Healdsburg City Council, April 15, for furnishing a 1½-ton standard pumper truck, 350 gal. capacity, have been rejected.

The Council decided to purchase a 500-gal. pumper mounted on a Ford chassis, 157 ft. wheelbase, from the American-La France & Foamite Corp. 430 9th St., San Francisco, at $3670.25.

33— WATER WORKS

CONTEMPLATED.

BARSTOW, San Bernardino Co., Cal.—American States Water Service Corp. is planning to erect a new 185,000 gallon electrically welded steel tank, 36-ft. in diameter, and 24-ft. high, with concrete, sand, and oil foundation. John Benson is manager of the plant.

CONTRACT AWARDED

SUNNYVALE, Santa Clara Co., Cal. —Byron Jackson Pump Co., 940 S 1st St., San Jose, at $1,241.10 awarded contract by the Sunnyvale City Council for repairs to present pumps at the city water works. All bids for furnishing one new pump were rejected.

May 9, 1935

TO NAME ENGINEER

NORTH SACRAMENTO, Cal.—City Council has received recommendation of water committee that a consulting engineer be retained to advise on contemplated purchase of water system owned by Public Utilities California Corporation. The company values its properties at $116,234. PWA has allocated funds to the city for construction of a municipal system.

BIDS OPENED

FARALLON ISLAND, Cal. — Scott Co., 243 Minna St., San Francisco, at $4300 submitted low bid to Public Works Officer, Mare Island Navy Yard, for furnishing and installing water distilling plant consisting of boiler, condensing equipment, tanks, pumps, and piping compete for distilling 400 lbs. of sea water per hour at the U. S. Naval Direction Finder Station, Farallon Island, Cal. Specification No. 7886. Complete bids follow:

Scott Company	$4300
James H. Pinkerton	4579
General Engr. & Drydocking Co.	5959

Bids held under advisement.

34— PARKS & PLAY-GROUNDS

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until May 15, 11 A. M., bids will be received by the Regents of the University of California for the construction of tennis courts on the campus of the university at Berkeley. For further information apply to Cashier's Window, No. 1, California Hall, University of California, Berkeley.

Plans and specifications may be obtained from above office upon deposit of $10.00.

BIDS WANTED

SAN FRANCISCO.—Until May 14, 10 A. M., bids will be received by Port Quartermaster, Fort Mason, for erecting wire fence in Warehouse Area of the San Francisco General Depot, Presidio of San Francisco.

Plans and specifications may be obtained from above office upon deposit of $5.00.

Additional Sub-Contracts Awarded.

SAN FRANCISCO — R. S. Silverberg, 405 Montgomery St., awarded the following additional sub-contracts for improvements to McCoppin Square, 22nd Ave. and Taraval St. Work involves resurfacing tennis courts, fencing, baseball backstop, etc. Lewis P. Hobart, 525 Market St., architect. Cost, $5448.

Shower Partitions — Price Building Specialties Co., 683 Howard St.

Roofing—Fisher & Houts.

Plastering — Campbell & King 116 Ashton Ave

BIDS OPENED

SAN FRANCISCO. — Identical bids at $2,242 were submitted by the following to the Public Utilities Commission, Room 282, City Hall, for the construction of woven galvanized steel wire mesh fences supported on galvanized steel posts at shafts in the coast Range Division, Hetch Hetchy Aqueduct, H.H.W.S. Contract No. 154

Work involve:
(1) 1350 l.f. fencing;
(2) 4 corner posts;
(3) 8 end posts and gate posts;
(4) 4 10-ft. swing gates.

Fences to be erected at the following points:
(1) Tesla Overflow Shaft, San Joaquin County;
(2) Thomas Pipe Shaft, San Joaquin County;
(3) Alameda Creek East Overflow Shaft, Alameda County.
(4) Alameda Creek West Overflow Shaft, Alameda County.

A. Soda & Son.
Michel & Pfeffer Iron Works
Western Steel & Wire Co.
Wayne Iron Works.
Kamlan Fence Company.
Standard Fence Company.
Wickwire Spencer Steel Company.
Anchor Post Fence Company.
C. J. Waterhouse Company.

Unit prices follow:
(1) $ 1.427;
(2) $11.73;
(3) $ 8.75;
(4) $49.6575.

George G. Hood, Livermore, submitted a bid at $2,301.92 with unit prices reading as follows:
(1) $ 1.48;
(2) $11.73;
(3) $ 8.75;
(4) $46.75.

Bids held under advisement.

ARISS - KNAPP CO.
CONTRACTORS
STEAM SHOVEL WORK — GRADING
EXCAVATING — MOTOR TRUCKING
Phone Piedmont 0436
961 Forty-first Street - Oakland, Calif.

EMSCO CONCRETE CUTTING CORP.
STREET AND BUILDING DEMOLITION
CONCRETE CUTTING AND DRILLING
Contract or Day Work - *Call Our Estimator*
260 Clementina Street EXbrook 0294

DICKEY Burned Clay Products
Mastertile - Partition Tile - Face Brick - Drain Tile - Fire Brick
Common Brick and Mortar Colors
SAN FRANCISCO OFFICE:
116 New Montgomery Street - Telephone SUtter 4345
Sar Francisco: Seventh and Hooper Streets
OAKLAND OFFICE AND YARD:
First and Jackson Streets - Telephone GLencourt 2027

Section 1353, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

April Building 14% Over March, Survey Shows

Builders' Bid Depositories Open Monday

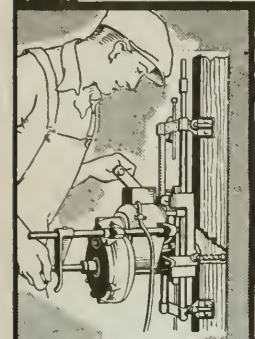
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

MAY 18, 1935

Vol. XVIII—No. 20

WAPPAT Electric TOOLS



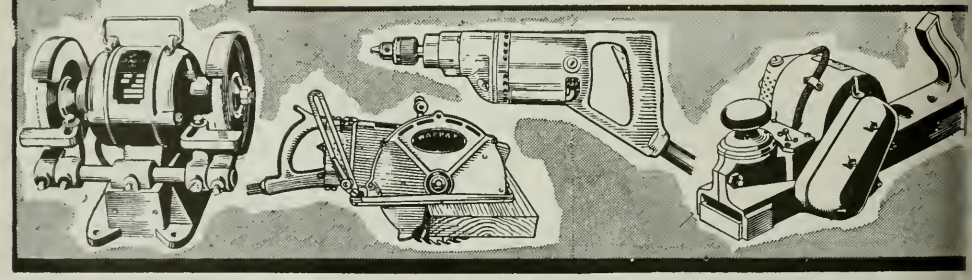
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MAY 18, 1935 No. 20

Building Increased 14% Over March Dun & Bradstreet April Survey Shows

Following the decided upward swing in the building industry in March, a further sharp expansion in permit values was witnessed in April, according to the monthly report compiled by Dun & Bradstreet, Inc. In fact, the total for last month was the largest for any month in over three years, or since November, 1931.

The estimated value of building permitted for in 215 cities of the United States during April, which includes new buildings, additions, alterations and repairs, amounted to $51,637,233, against $45,063,852 for March, and $29,280,666 for April a year ago. This was an increase of 14.6 per cent over March, whereas the normal seasonal gain is about 6.5 per cent. The rise over April of last year was equal to 76.3 per cent.

Rising to the highest level since May of last year, the permit total for the five boroughs of New York City aggregated $12,463,378, compared with $11,447,168 in March, or an increase of 10.4 per cent, while contrast with the $6,575,673 total in April a year ago reveals a gain of 92.3 per cent.

In the 214 cities outside of New York, the volume of permits for April totalled $38,993,855, a rise of 16 per cent over the $33,616,684 figure for March, and an increase of 71.7 per cent, as compared with the $22,704,993 total in April, 1934.

The group totals of building permit values for the 215 cities for April, this year and last, together with percentage changes, are shown in the following table:

New Eng...	$3,820,425	$2,348,001	+ 62.7
Mid. Atl.	16,869,672	10,632,459	+ 58.6
So. Atl.	4,657,205	3,362,625	+ 39.0
E. Ct'l	8,525,632	4,189,160	+103.5
So. Ct'l	4,675,175	2,017,191	+131.8
W. Ct'l	2,713,665	2,756,960	— 1.9
Mountain ..	911,443	425,257	+114.3
Pacific	9,464,016	3,549,013	+166.7
Tot'l U. S.	$51,637,233	$29,280,666	+ 76.3
N. Y. City	$12,643,378	$ 6,575,673	+ 92.3
Outside N. Y. City..	$38,993,855	$22,704,993	+ 71.7

Contrasting April this year with the same month of 1934, the results in percentage form were much larger. Increases of over 100 per cent were shown in the Pacific, South Central, Mountain and East Central groups, while the gains in the South Atlantic, Middle Atlantic and New England sections ranged from 39.0 to 62.7 per cent.

The sharp rise registered since the beginning of this year, especially during March and April, has brought the total estimated cost of building permits for the first four months of 1935 to $151,163,720 compared with $94,937,690 in the same period of 1934, or an increase of 59.2 per cent. Compared with the first four months of 1933, which period witnessed the low point of the depression, the increase in the volume of building permits amounts to 102 per cent. Following is the comparison for April and the first four months of the past 9 years:

	April	Four Months	Chge %
1935 ...	$ 51,637,233	$ 151,163,720	+59.2
1934 ...	29,280,666	94,937,690	+26.9
1933 ...	22,091,417	74,796,606	—55.7
1932 ...	47,741,687	168,707,036	—65.3
1931 ...	152,029,087	486,096,765	—13.2
1930 ...	179,811,014	559,820,744	—56.8
1929 ...	479,483,093	1,294,875,220	+12.7
1928	295,593,198	1,149,292,328	— 3.6
1927	345,222,447	1,182,419,145	.....

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5523	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858
1935	**Permits**	**Value**
January	6413	$7,429,496
February	6460	8,833,638
March	8253	10,546,030
April	9043	12,981,691

TO OPEN BIDS JUNE 5th FOR THREE BRIDGES

Timber and Concrete Spans to Be Contracted By State

SACRAMENTO, May 14.—Construction of three bridges are among four contracts which were advertised today by the State Highway Commission. Bids will be opened here June 5.

Other work to be contracted is the grading and surfacing of two miles in Mono County and paving one mile in the city of Merced.

Following are the brief descriptions of each project. (**Complete list of bid items appears in Advance Report Section**):

Monterey County: Constructing two redwood timber bridges between 33 and 38 miles south of Monterey. One is to be across Pfeiffer Canyon and the other across Toree Canyon.

Sierra County: Constructing reinforced concrete bridge across the North Fork of the Yuba River at Downieville.

Merced County: Grading and paving with asphalt concrete about one mile in the city of Merced between the southerly boundary and "R" street.

Mono County: Grading and surfacing with bituminous treated selected material about 2.1 miles between one mile north of Bodie Rd. and Point Ranch.

Contracts were awarded today as follows: Bodenhamer Construction Co., and Silveria & Robbins Inc., for constructing reinforced concrete bridge at Marengo Street, Los Angeles, $72,166; Silveria & Robbins, Inc., and J. P. Immel for construction of reinforced concrete bridge across Calleguas Creek south of Camarillo, $17,850; Harold Smith, grading and surfacing between Yountville and Oakville in Napa County, $7,804; Paulsen and March, treating shoulders with liquid asphalt in the city of San Diego, $4,773.

New orders for oil burners numbered 15,108 during the first three months of 1935, as compared with 12,533 in the corresponding period last year, according to reports to the Bureau of the Census.

CALL NEW BIDS FOR REBUILDING GIRLS' SCHOOL

Work to Cost $313,000 Authorized By Public Works Board

Six San Francisco projects, cost of which is estimated at more than $313,000, yesterday were authorized for advertising by the Department of Public Works. They included school reconstruction and miscellaneous street and sewer work.

Largest of the projects on which bids are asked is the restoration of the Girls' High School, to cost approximately $215,000. Bids open May 29. All bids for the general contract received April 17 were rejected as too high. At that time the lowest proposal was submitted by Dinwiddie Construction Co. at $244,700. The contract for brick work and terra cotta has been awarded to White and Gloor, who submitted a low bid of $18,789

On May 29 the Department will open proposals for construction of sewers in 18th Street and Folsom Street in the area near their intersection. Cost of the work has been estimated by City Engineer John J. Casey at $52,000. Major bidding items include 564 feet of 7-ft. 6-in. circular reinforced concrete sewer; 100 feet of 6-ft. 3-in. circular reinforced concrete sewer; 713 feet of 18-in. vitrified clay pipe sewer encased in concrete; 49 feet of 15-in. vitrified clay pipe sewer, and others.

Bids for changing the alignment of Sloat Boulevard between 39th and 42nd Avenues also will be opened May 29. The work involves, among others, major items of approximately 90,000 sq. ft. of Class "E" asphalt concrete pavement; 19,000 feet of concrete pavement; 190 tons asphaltic conform pavement; and 40,000 sq. ft. of emulsified asphalt wearing surface. Cost of the work is estimated at $37,000

On May 29 bids will be opened for widening the roadway of Van Ness Avenue South between 21st and 24th Streets, estimated to cost $8,300, and for construction of sewers in Bradford Street near Cortland Avenue, to cost $1,600.

Informal bids for modeling ornamental exterior plastering and cast work at the Marina Junior High School academic building and gymnasium will be opened by the Department May 22.

CODE ELECTION BALLOTS READY

A. C. Rodoni, chairman of the code authority for Heating, Piping and Air-Conditioning Contractors yesterday announced ballots are available for the election of non-association members of the divisional code authority. They may be obtained from the local administrative agency at 413 Tenth St., San Francisco.

Building Contractors' Bid Depositories To Open in California Next Monday

Bid depositories for general building contractors will open throughout the state of California next Monday, the State Administrative Committee for the Building Contractors Subdivisional Code announced yesterday. A depository system operated through local committees has been established for several weeks in preparation for authority from Washington to proceed with bid registration. Yesterday copies of the bid rules which become effective at once were in the mail, directed to every general contractor and architect in the state.

These rules are uniform for the industry throughout the United States. They were approved in final form April 30 by the Construction Code Authority.

Under these regulations general building contractors are required to file with the bid depository designated for that area an exact duplicate of all competitive bids on building construction amounting to $1000 or more, excepting federal building projects and other public building projects for which the proposals are to be opened and read in public.

A fee not to exceed $2 for each bid is to be paid by the bidder at the time of filing his duplicate bid to defray administrative expenses.

Failure to file bids in accordance with the bidding rules is to be considered non-compliance with the General Contractors Code.

Bids filed with the depository are to be opened in the presence of two or more bidders at an hour not earlier than 10 oclock of the morning following the time set by the awarding authority for receiving bids. The awarding authority may learn from the depository whether or not the bidder has complied with bidding regulations, but is not to be informed as to amount of bids.

William E. Hague, secretary of the State Administrative Committee for Building Contractors, said yesterday arrangements were complete in the larger cities of Northern California for opening depositories Monday.

The committee has appointed Philip F. Travers administrator for the code in Northern California and Ralph de Huff in Southern California. They will supervise the local agencies in their respective territories.

San Francisco depository is located at 205 Sharon Building. The San Francisco committee is composed of Geo. E. Greenwood, chairman; R. Walberg, Frank H. Barrett, George Jensen, H. S. Meinberger, William E. Hague, secretary.

Oakland depository is at 354 Hobart street. Oakland committee members are S. G. Johnson, chairman; W. E. Lyons, W. G. Thornally, Wilbur C. Cone.

Other depositories and chairmen are:

Richmond: 248 Fourteenth St., (P. M. Sanford).

San Mateo: 1483 Burlingame Avenue (Theodore Lauman).

Palo Alto: 532 Emerson Street, (Wells P. Goodenough).

San Jose: 201 South Market St., (Frank L. Hoyt).

Watsonville: P. O. Box 964 (P. T. Wallstrum).

Fresno: 1837 Merced St. (Harry W. Shields).

Bakersfield: 1729 Nineteenth St. (G. A. Graham).

Stockton: 242 E. Miner Avenue (L. S. Peletz).

Sacramento: 720 Eye St. (W. C. Keating).

San Rafael: 831 Fourth St. (A. H. Seimer).

Redding: (Charles Akard).

Committees are to be appointed later for Monterey, San Luis Obispo, Modesto, Vallejo, Santa Rosa, Marysville, Napa and Eureka.

HOME LOAN BOND ISSUE IS APPROVED

Assembly Committee Reports Favorably Act Sponsored By Builders

The state home loan bond act, (AB-2410) sponsored by the construction industry, yesterday had been passed through the Assembly Governmental Efficiency committee with a unanimous vote. It is now in the hands of the Assembly Ways and Means committee where favorable action is expected at an early date, according to advices received yesterday from W. E. Hague, secretary of a group of building interests, campaigning in Sacramento for its passage.

Clarke E. Wayland, chairman of the promotion of construction committee formed here to work for the bill, S. G. Johnson, representing general building contractors, and Mr. Hague were present at the hearing conducted by the legislative committee.

The act authorizes a state revenue bond issue of $200,000,000 to establish a fund similar to that operated by the State Veterans Welfare Board for the benefit of veterans from which any citizen may borrow for small home building on long-term notes bearing a low interest rate.

San Francisco Wage-Hour Agreement For Sheet Metal Industry Submitted

An area agreement for the Sheet Metal Contracting Industry in San Francisco County which will increase current wage rates and establish uniform working conditions was concluded yesterday by joint agreement between employers and employes attested before Will J. French, regional labor officer for the National Recovery Administration. The compact is sponsored by the Sheet Metal Contractors' Association of San Francisco and Local 104 of the Sheet Metal Workers International Association. When finally accepted by NRA and approved by the President its provisions become mandatory for every member of the industry in San Francisco.

Wages of $1.10 an hour are provided for an eight-hour day. The work week is limited to five days of eight hours However, if three shifts are worked the second and third shifts are to be seven hours with pay the same as for eight hours. Overtime is to be paid for any time outside the regular hours between 8 o'clock and 12 o'clock and between 1 o'clock and 5 o'clock and for work Saturday, Sundays or holidays. Time and one-half is to be paid for the first four hours and double time for time thereafter.

John L. McGrath, secretary for the contractors, and Geo. A. Weiland, chairman of the code administrative committee, appeared as spokesmen for the employers. J. D. Leary, secretary of the sheet metal workers local, and J. E. Cook agent for the international association, represented employes, both organized and non-organized.

Almost unanimous accord on the part of both employers and employes in San Francisco was reported. Fifty of sixty-eight contractors in the city have signed the agreement Mr. McGrath said. Mr. Leary reported 198 union men and 73 non-union of an estimated 300 sheet metal workers in the city had approved the terms. The agreement will raise wages from a recognized prevailing scale of 90 cents an hour.

No protests were filed and the agreement will be sent to Washington for final approval with only minor changes agreed upon at yesterday's hearing. One of these affects apprentice training. Employers and employes agreed to form a joint committee to work out a program for handling apprentices acceptable to the federal committee on apprenticeship.

The agreement permits employment of apprentices in a ratio of one to each three journeymen, but allowing one apprentice to each shop regardless of the number employed. Wages for apprentices will start at $2.50 a day, increasing each six months by one-ninth of the difference between the starting wage and the minimum for journeymen.

Effective period of the agreement is one year after its acceptance by the President. The area in which it is operative is San Francisco County, including Yerba Buena, Alcatraz and Angel Island and the Farallones.

BIDS OPENED ON L. A. JOBS

LOS ANGELES, May 16.—Bids were opened here today by the State Division of Highways for three contracts in Southern California. Low bids were submitted as follows: Oswald Bros at $116,509 for 4.7 miles widening and paving portions between Monterey Park and Mountain View road; Griffith Co., at $91,119 for constructing a bridge across Tujunga Wash on San Fernando road; Sharp and Fellows Contracting Co., at $86,266 for 3.6 miles grading and surfacing between Lake Hodges dam and Rancho Santa Fe, San Diego county.

U. S. Asking Bids On 665,000-Barrel Purchase of Cement

Bids for furnishing 665,000 barrels of portland puzzolan cement to be used in construction of the main spillway dam at Bonneville are to be opened by the U. S. Engineer at Portland, May 31.

This is the second major cement order to be placed for the Bonneville project. The government bought 300,000 barrels a year ago, the contract being divided between the Oregon Portland Cement Co. and Portland Beaver Cement Co. Nothern California firms were among the bidders.

The contract now advertised is for delivery starting in August and continuing through November, 1936 The maximum requirements will be reached in October this year at 115,000 barrels. The maximum daily demand is placed at 6,000 barrels.

To insure unform grade delivery is to be from the production of not more than two mills. In lieu of delivering the blended product the contractor will be required to provide storage facilities and a blending plant at North Bonneville to be operated during the life of the contract or pay ten cents a barrel to the government to cover cost of blending at Bonneville.

The blended cement is to consist of three parts by weight of portland cement and one part by weight of calcined puzzolan.

CALETTI CO. LOW BIDDER FOR BRIDGES

Highway Commission Opens Proposals on Mendicino and Siskiyou Contracts

SACRAMENTO, May 15.—C. W. Caletti & Co., San Rafael, today submitted the low bid of $148,980 to construct two timber bridges with concrete decks at Red Mountain Creek and McCoy Creek in Mendocino County. The bids were received by the State Highway Commission, which opened figures today also for grading 12.5 miles in Siskiyou county between Cougar and Horse Thief Creek. The low bid on this contract was offered by Guy F. Atkinson Co., San Francisco, at $198,383.

Complete bids for the Mendocino bridges follow:

C. W. Caletti & Co., San Rafael	$148,980
Granfield - Farrar and Carlin, San Francisco	159,371
Hanrahan - Wilcox Corp., San Francisco	196,009

Bids for the Siskiyou county grading contract follow:

Guy F. Atkinson Co., S. F.	$198,383
Morrison-Knudsen Co., L. A.	232,059
A. Teichert & Son, Inc., Sacramento	244,413
N. M. Ball and Larsen Bros., Berkeley	247,534
Granfield - Farrar and Carlin, San Francisco	247,824
Isbell Const. Co., Reno	252,873

This contract was advertised previously a month ago and no bids were received. Failure of contractors to file bids at that time was due to snow and heavy weather that prevented them from inspecting the job.

OPENS OFFICE

Butler S. Sturtevant, member of the American Society of Landscape Architets, has opened offies in San Francisco at 1014 Shreve Building. M. Sturtevant, formerly of Seattle, has moved his headquarters to San Francisco but will maintain a branch office in Seattle.

Landscaping projects under Mr. Sturtevant's supervision include the University of Washington grounds at Seattle, and Principia College at Elsah, Ill., the latter involving the planning of a 2600-acre site. Bernard R. Maybeck is architect for the Principia College buildings.

SHERWIN-WILLIAMS BUSINESS IMPROVED

Sherwin - Williams Company reports business approximately 28 percent greater this year than last year at the same period, the Federal Housing Administration announces. Prospects for the paint business during the remainder of the year are better than ever before, a company official stated.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
449	Blincoe	Owner	3000
450	Young	Owner	1800
451	Nolan	Wagner	4000
452	Furey	Bernhardt	4000
453	Furey	Bernhardt	4000
454	Doelger	Owner	4000
455	Anderson	Owner	4000
456	Heyman	Lindsay	3950
459	Stevenson	Owner	1000
460	Russ	Muller	1730
461	Standard	Owner	3000
462	Fotenos	Rahlmann	2500
463	Salenko	Owner	2000
464	Haslett	Owner	4000
465	Hansen	Faggioni	4000
466	Estate	Capelletti	1500
467	Del Bonta	Zangrando	4177
468	Reliance	Owner	3000
469	Moffat	Rahlman	4000
470	Gebhardt	Anderson	5000
471	Lindner	Horn	3500
472	Christensen	Owner	4000
473	Birdsall	Owner	3000

DWELLING
(449) E THIRTY-SIXTH AVE. 150 N Anza St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave., San Francisco.
Plans by B. K. Dobkowitz, 425 Monterey Blvd. $3000

ALTERATIONS
(450) NO. 365 MARKET ST. Alter cafe.
Owner—Arthur Young, Premises.
Architect—Not Given. $1800

ALTERATIONS
(451) 144 TOWNSEND Street; alter warehouse and offices.
Owner—Frank Nolan Drayage Co., 144 Townsend Street.
Architect—Miller & Pflueger, 580 Market Street.
Contractor—Geo. Wagner, 181 South Park. $4,000

DWELLING
(452) E 25th AVE. 300 S Taraval; one - story and basement frame dwellling.
Owner—Jas. L. Furey, 2027 16th Ave.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Bernhardt & Cowen, 924 Taraval Street. $4,000

DWELLING
(453) E 25th AVE. 275 S Taraval; one - story and basement frame dwellling.
Owner—Jas. L. Furey, 2027 16th Ave.
Architect—C. O. Claussen, 746 46th Avenue.
Contractor—Bernhardt & Cowen, 924 Taraval Street. $4,000

DWELLING
(454) SE KIRKHAM and 33rd Ave., one - story and basement frame dwelling.
Owner—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $4,900

DWELLING
(455) W 15th AVE. 175 N Wawona; one - story and basement frame dwelling.
Owner—S. R. Anderson, 1433 Seventh Avenue.
Architect—H. G. Stoner, 39 Sutter St.
Contractor—[illegible] $4000

DWELLING
(456) E 27th AVE. 100 S Cabrillo; one - story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—R. R. Irvine, 3431 Market.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3,950

ALTERATIONS
(459) NW Powell & O'FARRELL Sts. Alter store.
Owner—Frank C. Stevenson, Prem.
Architect—Brunswick Balke Collender Co., 980 Mission St. $1000

ALTERATIONS
(460) NO. 235 MONTGOMERY ST. Alter offices.
Owner—Russ Building Co., 243 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—A. G. J. Muller, 243 7th St., San Francisco. $1730

DWELLING
(461) E THIRTY-SIXTH AVE. 175 N Taraval St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(462) NO. 1220 HOWARD ST. Alter for meat jobbing plant.
Owner — Fotenos Bros., 1091 Market St., San Francisco.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St. $2500

DWELLING
(463) W RHODE ISLAND ST. 125 S 18th St. One-story and basement frame dwelling.
Owner—J. Salenko, 630 Rhode Island St., San Francisco.
Architect—Not Given. $2000

ALTERATIONS
(464) SE BRANNAN AND SECOND Sts. Alter warehouse.
Owner—Haslett Warehouse Co., 280 Battery St., San Francisco.
Architect—Albert F. Roller, Crocker First Nat'l. Bank Bldg., San Francisco. $400

DWELLING
(465) S HOLLISTER ST. 75 E Ingalls. One-story frame dwelling.
Owner—Chas. O. Hansen, 1625 Ingalls St., San Francisco.
Architect—Not Given.
Contractor—C. A. Faggioni, 1567 Revere St., San Francisco. $4000

REPAIRS
(466) N PACIFIC AVE. 114 W Taylor St. Repair fire damage to flats.
Owner—Estate of Isabella J. Benson, 1130 Pacific Ave., San Francisco.
Architect—Not Given.
Contractor—D. Capelletti, 667 Hampshire St., San Francisco. $1500

DWELLING
(467) NE KIRKWOOD ST. 225 NW Newhall St. One-story and basement frame dwelling.
Owner—Angelo Del Bonta, 1438 Galvez St., San Francisco.
Architect—Not Given.
Contractor — Angelo Zangrando, 725 Grand Ave., South San Francisco. $4177

FENCE
(468) W FOLSOM ST. 140 N 17th St. Fence.
Owner—Reliance Trailer & Truck Co., 2765 16th St., San Francisco.
Engineer—Philip I. Baker, 1750 Army St., San Francisco $3000

ALTERATIONS
(469) SE ARTHUR AND THIRD Sts. Alter meat packing plant.
Owner—H. Moffat Co., Premises.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St., San Francisco. $4000

DWELLING
(470) SE CASTENADA AND SAN Marcos Sts. Two-story frame dwelling.
Owner—Chas. G. Gebhardt, % Contractor.
Architect—F. W. Deakin, 625 Market St., San Francisco.
Contractor—Chas. Anderson, 150 Granville St., S. F. $5000

DWELLING
(471) E THIRTY-THIRD AVE. 225 S Clement St. One-story and basement frame dwelling.
Owner—Eliot I. Lindner, 625 10th Ave. San Francisco
Architect—Not Given.
Contractor—Jesse Horn, 4708 Mission St., San Francisco. $3500

DWELLING
(472) W TWENTY-FIRST AVE. 100 N Quintara St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(473) W TWENTY-SECOND AVE 75 N Lawton St. One-story and basement frame dwelling.
Owner—H. G. and Stella K. Birdsall, 646 47th Ave., San Francisco.
Architect—Not Given. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
281	Bramlett	Scammell	4250
282	Brown	Von Bakkelen	1000
283	Stephens	Mayhew	11000
284	Lapham	Lapham	8200
285	Associated	Independent	1000
286	Lapham	Owner	6700
287	Wood	Walker	10000
288	Firemens	Burror	2000
289	Brachardt	Confer	4950
290	Pierre	Owner	1000
291	Heroux	Owner	5000
292	Cutter	Satten	3100
293	McKean	Parks	1600
294	Guido	Campominosi	6450
295	Standard	Owner	1000
296	Standard	Owner	1000
297	La Rue	MacDonald	1000
298	Gilmore	Huggard	1500
299	Newman	Carlson	10000
300	Anderson	Owner	1000
301	Peters	Owner	1800

DWELLING
(281) NO. 6176 ACACIA AVE., OAKLAND. One-story five-room dwlg.
Owner—C. F. Bramlett, Premises.
Architect—Not Given.
Contractor — J. W. Scammell, 424 Scenic Ave., Piedmont. $4250

REPAIRS
(2882) NO. 3856 BEAUMONT AVE., OAKLAND. Fire repairs.
Owner—L. R. Brown and Gladys Reynolds, 800 Longridge Rd., Oakand

Architect—Not Given.
Contractor—W. K. Von Bakkelen, 354 Hobart St., Oakland. $1000

RESIDENCE
(283) NO. 370 WILDWOOD AVENUE **PIEDMONT.** Two-story nine-room frame residence and garage
Owner—Dr. Bruce M. Stephens, 1812 San Jose Ave., Alameda.
Architect—C. W. Mayhew, 6026 Acacia Ave., Oakland.
Contractor—E. G. Mayhew, 6026 Acacia Ave., Oakland. $11,000

DWELLING
(284) 914 HILLCROFT CIRCLE, **OAKLAND;** two-story 9-room dwelling and 1-story garage.
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor—Theodore H. Lapham, 546 Kenmore Ave., Oakland. $8200

ALTERATIONS
(285) 3014 SAN PABLO AVE., **OAKLAND;** alterations to service station.
Owner—Associated Oil Co., 75 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland. $1,000

DWELLING
(286) 904 TRESTLE GLEN ROAD, **OAKLAND;** 1-story 6-room dwelling and 1-story garage.
Owner and Builder — A. R. Lapham, 947 Hollcroft Circle, Oakland.
Architect—Not Given. $6700

DWELLING
(287) 6318 BULLARD DRIVE, **OAKLAND;** two-story 7-room dwelling.
Owner—Charles M. Wood, Syndicate Bldg., Oakland.
Architect—E. L. Snyder 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $10,000

REPAIRS
(288) 904-36 SEVENTH ST., **OAKLAND;** repairs.
Owner—Firemens' Isurance Fund, San Francisco.
Architect—Not Given.
Contractor — Larry Burror, 642 14th St., Oakland. $2000

DWELLING
(289) NO. 6342 CHELTON DRIVE, **OAKLAND.** One-story 6-room dwelling.
Owner—A. K. Brachardt, 2317 Fruitvale Ave., Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $4950

ALTERATIONS
(290) NO. 1520 TENTH AVENUE, **OAKLAND.** Alterations and repairs.
Owner—Florence St. Pierre, Prem.
Architect—Not Given. $1000

DWELLING
(291) NO. 705 GLENDOME ROAD, **OAKLAND.** Two-story 6-room dwelling.
Owner—F. A. Heroux, 1763 El Cerrito Ave., Oakland.
Architect—Not Given. $5000

LABORATORY
(292) NO. 2545 FOURTH ST., **BERKELEY.** One-story laboratory.
Owner—The Cutter Laboratories, 2545 4th St., Berkeley.
Architect—T. G. Ruegg, 1515 Tyler St., Berkeley.
Contractor—F. J. Satten, 2925 Hillegass Ave., Berkeley. $3100

ADDITIONS
(293) NO. 2235 HEARST AVENUE, **BERKELEY.** Additions.
Owner — Mary E. Parks, 2616 Ashby Ave., Berkeley.
Architect—Not Given.
Contractor—R. F. Parks, 1047 Yosemite Road, Berkeley. $1600

DWELLING
(294) NO. 5816-18 AYALA ST., **OAKLAND.** One-story 8-room dwelling.
Owner—F. Guido, 5822 Ayala Street, Oakland.
Architect—Not Given.
Contractor — E. Campominosi, 6101 Broadway Terrace, Oakland $6450

ALTERATIONS
(295) No. 2601 TELEGRAPH AVE., **BERKELEY.** Alterations.
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Architect—Not Given. $1000

ADDITION
(296) NO. 2601 TELEGRAPH AVE., **BERKELEY.** Addition.
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Architect—Not Given. $1000

ADDITIONS
(297) NO. 2412 CARLTON ST., **BERKELEY.** Additions.
Owner—C. L. LaRue, Premises.
Architect—Not Given.
Contractor—D. B. MacDonald, 1617 Edith St., Oakland. $1060

DISPLAY BLDG.
(298) NO 3400 LAKESHORE AVE., **OAKLAND.** One-story display building.
Owner—Gilmore Oil Co., Oakland.
Architect—Not Given.
Contractor — John Huggard, Rialto Blvd., S. F. $1500

DWELLING
(299) NO. 3920 OAKMORE ROAD, **OAKLAND.** Two-story 6-room dwelling.
Owner—Arthur E. Newman, 954 12th St., Oakland.
Architect—Not Given.
Contractor—Nels E. Carlson, 1381 E-27th St., Oakland. $10,000

DWELLING
(300) NO. 2129-A BYRON STREET **BERKELEY.** One-story 3-room frame dwelling.
Owner—A. T. Anderson, Premises.
Architect—Not Given. $1000

DWELLING
(301) NO. 2927½ HARPER STREET, **BERKELEY.** One-story 8-room frame dwelling.
Owner—F. C. Peters, 708 15th Street, Oakland.
Architect—Not Given. $1800

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
100	Roffina	Zinkand	9480
101	Stanton	Early	6290
102	Spillman	Farris	112
103	Luckenbach	Farris	90

FLATS
(100) E WEBSTER ST. 102 N Beach St. All work for two-story and basement frame flats.
Owner—Joseph and Josephine Roffina.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Ed. Zinkand & Son, 667 36th Ave., San Francisco.
Filed May 13, '35. Dated May 2, '35.
Every 30 days..... 75%
Usual 35 days ..... Balance
TOTAL COST, $9480
Bond, $1740. Surety, United States Guarantee Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

STATION
(101) SE POST AND DIVISADERO Sts. All work for service station (Richfield Oil Co. Type 2-L).
Owner—Alice E. Stanton.
Plans by Richfield Oil Co., 218 Battery St., San Francisco.
Contractor — Fred J. Early Jr. 569 Pine St., San Francisco.
Filed May 15, '35. Dated Mar. 29, '35.
Completion of concrete work and installation of tanks, piping and general grading 25%
Completion of buildings 25%
Completion of Project 25%
Usual 35 days 25%
TOTAL COST, $6290
Bond, $3145. Surety, Christopher M. Jenks. Limit, 50 Calendar days. Forfeit, $5 per day. Plans and specifications filed.

PAINTING
(102) NO. 766 FORTIETH AVE. All work for painting, etc.
Owner—Morris and Beckie Spillman, 766 40th Ave., San Francisco
Architect—Not Given.
Contractor—C. S. Farris, 1400 8th Ave., San Francisco.
Filed May 14, '35. Dated Jan. 28, '35.
HOLC Contract .....
TOTAL COST, $112
Bond, $112. Surety, United States Fidelity & Guaranty Co. Limit, 10 calendar days. Forfeit, plans and specification none.

PAINTING
(103) NO. 1012 DIVISADERO ST. All work for painting exterior of building.
Owner—Margaret Luckenbach, Prem.
Architect—Not Given.
Contractor — C. S. Farris, 1400 8th Ave., San Francisco.
Filed May 14, '35. Dated Mar. 10, '35.
HOLC Contract .....
TOTAL COST, $90
Bond, $90. Surety, United State Fidelity & Guarantee Co. Limit, forfeit plans and specifications, none.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $500; 557 San Bruno Ave.; owner, Mrs. Ella Dorsey, Prem.; contractor, John L. Bothe, 246 Parker Ave.
ALTER dwelling, $150; 567 Monterey Blvd.; owner, E. G. Jaques, Prem.
ALTER flats, $150; 303 Chestnut St.; owner, Mrs. Etna Chodrick, Prem.
BILLBOARD, $6.25; SE San Jose Ave and Tingley St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; SE San Jose Ave and Ottowa St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; Salinas and Crane Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; SW Silver Ave. & Harvard St.; owner, Foster and Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; W San Jose Ave. 45 N Sadowa St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER fence, $15; 1133 Kansas St., owner, Wm. H. Quast, Premises.
ALTER auditorium, $270; 149 Eddy St. owner, B'nai B'rith Hall Assn., Prem.; contractor, Michel & Pfeffer Iron Works, 1415 Harrison St.
BILLBOARD, $6.25; SW Silver Ave. and Bowdoin St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER flats, $100; 1018 Guerrero St owner, P. J. Ruane, Premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contracts Awarded.
REPAIR APTS. Cost, $——
SAN FRANCISCO. 544 Hyde Street.
Repairs to interior and exterior of apartment building (work involves painting, plumbing, electric wiring refrigeration, sheet metal repairs)
Owner—Capital Co., 625 Market St.
Plans by Architectural Department of Lessee.
Roofing—P. E. DePaoli, 2450 Polk St.
Tile—Art Tile & Mantel Co., 221 Oak.
Sheet Metal—Anderson Sheet Metal Works, Quint and Custer Sts.
Hardwod Floors — Roma Hardwood Floor Co., 3539 Market Street.

2— BONDS

BONDS SOLD.
LOS ANGELES, Cal.—The Metropolitan Water District sold to the Reconstruction Finance Corp., May 10 a block of aqueduct bonds in the sum of $11,164,000, part of the $220,000,000 issue voted in 1931. The bonds bear interest at the rate of 5% but under a discount agreement the district will pay only 4%.

3— CHURCHES

Sub-Contracts Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. NW California and Webster Streets.
Alterations to church.
Owner — Congregation Sherith Israel, premises.
Architect — Hyman and Appleton, 68 Post Street.
Engineer—H. Rosenthal, 821 Market.
Contractor—Dinwiddie Const. Co., 210 Crocker Building.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Structural Steel—Western Iron Works, 141 Beale Street.
Glass—Crowe Glass Co., 675 Golden Gate Avenue.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plumbing—E. Sugarman, 3624 Geary.

Sub-Contracts Awarded.
DIOCESAN HOUSE Cost, 250,000
SAN FRANCISCO. SW Taylor and Sacramento Streets.
Two-story reinforced concrete diocesan house (slate roof, steam heating system, steel sash, etc.)
Owner—Protestant Episcopal Dioceses of California, Premises.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Structural Engineers—T. Ronneberg and R. J. Fisher, Crocker Bldg.
Contractor — Dinwiddie Construction Co., Crocker Bldg.
Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave.
Plaster Models—Herman Bosch, 621 Minna St.
As previously reported, grading awarded to Sibley Grading & Teaming Co., 165 Sibley St.

Construction To Start Shortly.
CHURCH Cost, $——
BAKERSFIELD, Kern Co., Cal. Truxton Ave. and E Street.
One-story church building (auditorium to seat 400; Sunday school rooms, etc.) adobe walls, tile roof, linoleum covered cement floors loud speaker system, etc.
Owner — Seventh Day Adventist Church, Bakersfield.
Architect—Clinton Nourse, 1406 Bond St., Los Angeles.
George H. Scott is chairman of the building committee.

Construction To Start Shortly.
CHURCH Cost, $18,000
BAKERSFIELD, Kern Co., Cal. King and Monterey Streets.
Alterations and additions to church (frame construction, brick walls, whitewashed; shingle roofing, structural steel, cement and oak floors, leaded glass, gas steam radiators, etc.
Owner—Church of Jesus Christ of Latter day Saints (J. S. Brunting, President).
Architect—Georgius Y. Cannon, Beaux Arts Bldg., Los Angeles.
Mgr. of Const.—Jackson Brothers-Le-Sage, 547 S Fairfax Ave., Los Angeles.

PLANNED
RIVERSIDE, Calif. — Calvary Presbyterian Church, Riverside, contemplates adding a new unit to the present church. Cost of the building is estimated at $50,000, while an additional $10,000 would be expended for grading the site and furnishings. A campaign is under way to finance the improvements. D. S. Bell is chairman of the board of trustees.

4 — FACTORIES & WAREHOUSES

May 10, 1935

Planned.
WINERY Cost, $——
KINGSBURG, Fresno Co., Cal.
New winery.
Owner—Muscat Co-Operative Winery Association (C. W. Tremper, President).
Architect—Not Given.
Further details will be announced shortly.

Owner Taking Bids.
SHOP Cost, $9000
SAN JOSE, Santa Clara Co., Calif. South First St. near Almaden.
One-story reinforced concrete printing shop (built-up 15-year guarantee roof; concrete floors, steel sash, etc.)
Owner—E. Filice, 1435 S-First St., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.

Plans Being Completed.
RESIDENCES $10,000 to $13,000
SAN FRANCISCO. Twenty-fifth Ave.
Six one-story and basement frame and stucco residences.
Owner and Builder—John Little Bldg. Co., 107 24th Avenue.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Sub-bids will be taken in one week.

Contract Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 144 Townsend St.
Alterations to warehouse and offices.
Owner—Frank Nolan Drayage Co., 144 Townsend Street.
Architect—Miller & Pflueger, 580 Market Street.
Contractor—Geo. Wagner, 181 South Park Street.

Contract Awarded.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 1220 Howard St.
Alterations to meat jobbing plant.
Owner—Fotenos Bros., 1091 Market.
Architect—Not Given.
Contractor—H. E. Rahlman, 251 Kearny Street.

Contract Awarded.
WAREHOUSE Cost, $100,000
SALEM, Oregon. Front and Perry Streets.
Five-story hop warehouse (120x82 ft.) reinforced concrete structure; railroad spur, etc.
Owner—D. J. Fry, Salem.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Lessee—Southern Pacific Co. (H. W. Klein), Portland.
Contractor—Drake Wyman & Voss, U. S. National Bank Bldg., Portland.
Following sub-contracts awarded:
Plumbing—Urban & Sinnott.
Electrical Work—Huenergard Electric Company.
Sprinkler System—Pacific Automatic Sprinkler Service.
Elevator—Portland Elevator Co.
All Portland firms.

Contract Awarded.
ROOFING, ETC. Cost, $450
SANTA ROSA, Sonoma Co., Cal.
Roofing and insulation at winery.
Owner—Grace Bros., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Malott & Peterson, 20th and Harrison Sts., San Francisco.

Contract Awarded.
PACKING PLANT Cost, $30,000
EXETER, Tulare Co., Calif. Santa Fe right-of-way.
One - story fireproof packing house (110x214 ft.) Pumitile walls, cement floor, asbestos roof, etc.)
Owner—Exeter Citrus Assn. (Fred. S. Mayfield, Mgr.) Exeter.
Plans by Mr. Runciman.
Contractor—T. B. Runciman, Route 1, Box 1180, Exeter.

Planned.
WINERY Cost, $——
DIABLO, Contra Costa Co., Calif.
New winery (storage cellars, and fermentation vats, 161x141 ft.) boiler room (80x42 ft.) office building, (20x42 ft.) refrigeration and pasteurization plant, etc.
Owner—C. G. Schuman, et al, % Bear Creek Winery, Ampere, San Joaquin County.
Architect—Not Selected.
Further details will be announced when financing arrangements are completed.

To Be Done By Day's Work.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. SE Brannan and Second Streets.

Owner — Haslett Warehouse Co., 280 Battery Street.
Architect—Albert F. Roller, Crocker First National Bank Bldg.

Brick Contract Awarded.
MILK PLANT Cost, $——
ORLAND, Glenn Co., Calif.
Two-story brick and steel milk dehydrating plant (62x102 feet); steel stairways.
Owner—Golden State Creamery Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner
Mgr. of Constr. — E. W. Perkins, 425 Battery St., San Francisco.
Brick—Daniel Bishop, Modesto.
Plumbing and electrical bids will be taken shortly at Orland.
As previously reported steel contract awarded to Kyle & Co., Fresno.

Contracts Awarded.
FACTORY Cost, $15,000
SAN FRANCISCO. W Newhall St. 115 N Carroll Street.
Class A special factory (2nd unit).
Owner—Pacific Can Co., Premises.
Engineers—Ellison & Russell, 712 Pacific Bldg., San Francisco.
Structural Steel—Herrick Iron Wks., 18th and Campbell Sts., Oakland.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., San Francisco.
Work is being done by day's labor under the supervision of the owner.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. SE Arthur and Third Streets.
Alterations to meat packing plant.
Owner—H. Moffat, premises.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny Street.

5— FLATS

Contract Awarded.
REPAIR FLATS Cost, $2,000
SAN FRANCISCO. N Pacific 114 W Taylor Street.
Repair fire damage to flats.
Owner—Estate of Isabella J. Benson, 1130 Pacific Street.
Architect—Not Given.
Contractor—D. Capelletti, 668 Hampshire Street.

Sub-Bids Being Taken.
FLATS Cost, $10,000
SAN FRANCISCO. N Bay Street W Webster Street.
Two-story and basement frame and stucco flats (6 rooms and 2 baths) tile and composition roofing, canvas walls, steam heating system, wood sash, hardwood floor, tile baths, etc.
Owner and Builder—Peder B. Johnson 1750 Bay St., San Francisco.
Architect—K. R. Irvine, 3431 Market St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $8000
MERCED, Merced Co., Cal.
Steel service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor — John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1000
SANTA CRUZ, Santa Cruz Co., Cal.
Alterations to service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor — John Huggard, Rialto Bldg., San Francisco.

May 10, 1935

Contract Awarded.
SERVICE STATION Cost, $7500
YUBA CITY, Sutter Co., Cal.
One-story steel service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor — John Huggard, Rialto Bldg., San Francisco.

Steel Building Contract Awarded.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. SE Leavenworth and McAllister Streets.
Steel service station.
Owner—Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Owner.
Contractor—F. J. Early, 369 Pine St.
Steel Building—H. F. Oettins, 530 Market Street.
Other awards will be made within one week.

Sub-Contract Awarded.
SERVICE STATION Cost, $6,000
CLOVERDALE, Sonoma Co., Calif.
Frame and stucco service station.
Owner—Gilmore Oil Co., 3rd and 18th Streets, San Francisco.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.
House Moving—E. Anderson & Son, Mountain View.

Planned.
SERVICE STATION Cost, $5000
SANTA CRUZ, Santa Cruz Co., Cal. First and Cliff Streets.
New super service station.
Owner—Noel Patterson, Medical Dental Bldg., Santa Cruz.
Architect—Not Given.

Plans Being Prepared.
ADDITION Cost, $——
BERKELEY, Alameda Co., Cal. Telegraph and Parker Avenues.
Alterations and additions to service station.
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTERATIONS Cost, $1,500
OAKLAND, Alameda Co., Calif. 3014 San Pablo Avenue.
Alterations to service station.
Owner—Associated Oil Co., 75 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland.

Contract Awarded.
GARAGE Cost, $3000
SAN FRANCISCO. SW 15th St. and Albion Street.
One-story Class C concrete public garage (50x100 feet).
Owner—Rentschler Bros., 1767 15th St.
Engineer—Ellison and Russell, Pacific Bldg., San Francisco.
Contractor—Mission Concrete Co., 272 Turk St., San Francisco.

Plans Completed.
SERVICE STATION Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 299 Almaden Ave.
Service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

To Ask Bids Within One Week.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. NW Folsom and Fremont Streets.
One-story service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Contract Awarded
SERVICE STATION Cost, $6,290
SAN FRANCISCO. SE Post and Divisadero Streets.
Steel service station
Owner—Alice E. Stanton.
Lessee—Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Lessee
Contractor—Fred. J. Early, Jr., 369 Pine Street

7— FEDERAL BUILDINGS

LOW BIDDER
HOQUIAM, Wash.—Patterson Bros., 2059 Webster St., Oakland, at $1,240 submitted low bid to Treasury Department, Procurement Division, Public Works Branch, Washington, D. C. for painting the plaster, etc., at the U. S. post office, Hoquiam.

BIDS WANTED
FAIRBANKS, Alaska—As previously reported, bids will be received by the Custodian, U. S. Post Office, Fairbanks, Alaska, for painting plaster, etc., at the Post Office, Fairbanks. Specifications may be obtained from the Custodian and at Room 402, Post Office Bldg., San Francisco.

BIDS WANTED.
WILLOWS, Glenn Co., Cal.—Bids are being received by the Custodian Willows Post Office, for painting and repairs at the U. S. Post Office at Willows.

Bids Wanted—To Close June 17, 1:30 P. M.
POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Calif.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

Bids Wanted—To Close June 20, 1:30 P. M.
POST OFFICE Cost, $568,840
SAN PEDRO, Los Angeles Co., Calif.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

LOW BIDDER
METALINE FALLS, Wash. — Apex Painting & Decorating Co., 1353 Olive Way, Seattle, at $494, submitted low bid to Treasury Department, Procurement Division, Washington, D. C., for painting the plaster, etc., in the U. S. Inspection Station at Metaline Falls.

CONTRACT AWARDED
BENICIA, Solano Co., Cal. — Alta Roofing Co., 976 Indiana St., San Francisco, at $437 awarded contract by Commander, Benicia Arsenal, for roofing guard house building No. 39 and roofing on porch of building No. 45, at the Benicia Arsenal. Complete bids follow:

Alta Roofing Co., S. F.	$437.00
M. Heathorne Roofing Co., Oakland	453.00
Western Roofing Co., Oakland	490.96
City Cornice Co., Oakland	571.00
Pacific Roofing Co., Vallejo	602.55

TO PROCURE SITE
LOS ANGELES, Cal.—Treasury Department will begin court action in a few days to acquire property at Alameda and Macy Sts., owned by the Los Angeles Union Passenger Terminal, as the site for the new postal distributing building. It will be a four-story, Class A structure, costing approximately $2,500,000. Gilbert S. Underwood, a member of the Federal board of architects, and H. S. Rob-

erts, post office engineer, are in San Francisco this week conferring with W. H. Newman, Treasury Department engineer, concerning the structure.

Bids Wanted — To Close June 20, 1 P. M.

POST OFFICE Cost, $568,840
SAN PEDRO, Los Angeles Co., Cal.
Beacon St., bet. 8th and 9th Sts.
Three-story and basement Class A Post Office building (250x100 feet) to house Post Office, Customs Department, immigration and public health service, shipping commission and hydrographic offices.
Owner—United States Government.
Architect—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, and W. Horace Austin, 532 Chestnut Ave., Long Beach.
Plans and specifications may be obtained from above office upon deposit of $15.

Sub-Contracts Awarded.

POST OFFICE Cont. Price, $36,680
ROSEVILLE, Placer Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Vault Doors—Hermann Safe Co., Main and Howard Sts., San Francisco.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Roofing—J. W. Bender Roofing Co., 18th and Bryant Sts., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.
Painting—Patterson Bros., 2059 Webster St., Oakland.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Electric — Spencer Electric Co., Monadnock Bldg., San Francisco.

Bids Wanted—To Close June 17th, 1 P. M.

POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Cal.
Sylvan St., bet. Van Nuys Blvd. and Vesper Street.
One-story reinforced concrete Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specificatione may be obtained upon deposit of $15.

Contract Awarded.

POST OFFICE Cont. Price, $38,390
PITTSBURG, Contra Costa Co., Cal.
Fifth and Cumberland Streets.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Oliver S. Almlie, 60 Sussex St., San Francisco.
Complete bids published Oct. 8, 1934.

Contract Awarded.

P. O. EXTEN. Cont. Price, $84,700
SANTA CRUZ, Santa Cruz Co., Cal.
Extension and remodeling of present Post Office building (stone and terra cotta exterior, tile roof, etc.)
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept. Washington, D. C.
Contractor — K. E. Parker Co., 135 South Park, San Francisco.

Bids Wanted—To Close May 31st, 2 P. M.

UTILITY BLDG. Cost, $70,000
YELLOWSTONE National Park, Wyo.
Reinforced concrete and steel frame.
One-story and part basement utility building (72½x136.8) hollow tile and metal partitions, asbestos shingle roof, steam heating plant.
Owner—United States Government.
Plans prepared by National Park Service, 525 Market St., San Francisco.
Plans and specifications may be obtained from the Superintendent, Roger W. Toll, Yellowstone National Park upon deposit of $10.00.
A copy of the plans and specifications may be inspected by those interested at the National Park Service office, 525 Market St., San Francisco.

BIDS WANTED

FAIRBANKS, Alaska—As previously reported, until June 10, bids will be received by the Custodian, U. S. Post Office, Fairbanks, for painting plaster, etc., at the post office in Fairbanks. Specifications may be obtained from the Custodian and at Rm. 402, Post Office Bldg., San Francisco.

BIDS WANTED

WALLA WALLA, Wash.—As previously reported, until June 4, 2:30 P. M., bids will be received by Veterans Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing ice cream making plant at the Veterans Administration Facility, Walla Walla, Wash. Plans and specifications may be obtained from above office and from the Supervieing Superintendent of Construction, Veterans Administration Facility, Palo Alto. No deposit required for plans.

BIDS OPENED

LONG BEACH, Los Angeles Co., Cal.—J. Kressfeld, Insurance Building Washington, D. C., at $83 submitted low bid to Treasury Department, Washington, D. C., for furnishing directional signs in the U. S. Post Office at Long Beach. Complete bids follow:
J. Kressfeld, Washington, D. C.....$ 83
Commercial Fixture Co., L. A..... 85
Theo. A. Beyer Corp., L. A..... 112
Public Bldg. Contractors, Bronx, New York City..... 437

BIDS OPENED

SAN DIEGO, Cal.—Charles and F. W. Steffgen, 2015 Bay Front Street, San Diego, at $664 submitted low bid to Eleventh Naval District, San Diego, for removal of dolphins at Marine Railway at the Naval Operating Base (Destroyer Base), San Diego. Specification No. 7929. Only other bids were submitted by Emmett C. Lipscomb, San Diego, at $675.
Bids held under advisement

BIDS OPENED

CORVALLIS, Ore. — As previously reported Newman Bros., McMinnville, Ore., at $797 submitted low bid to the Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. Post office building at Corvallis. Only other bid was submitted by Patterson Bros., Oakland, at $925.

BIDS OPENED

MARE ISLAND, Calif.—San Francisco Elevator Co., 860 Folsom Street, San Francisco, at $295.00 submitted only bid to Public Works Officer, Mare Island Navy Yard, for furnishing and installing three elevator safety gates to replace those now in use on elevators in the Medical Supply Depot, Building No. 229, at the Mare Island Navy Yard; Spec. No. 7928.
Bid held under advisement.

CONTRACT AWARDED

MARCH FIELD, Riverside Co., Cal. —De Camp-Hudon Co., 1277 W 24th St., Los Angeles, awarded contract by Constructing Quartermaster at $3,849, for the construction of covers and ramps to four ordnance magazines at March Field. The work involves excavating and backfilling, reinforced concrete walls, floors and canopies, miscellaneous iron and steel and painting. Other bids were: Cresmer Mfg. Co., $4250; T. C. Pritchard, $4894.

LOW BIDDER

CORVALLIS, Oregon — Newman Bros., McMinnville, Oregon, at $797 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office Building at Corvallis, Oregon.

BIDS WANTED

PETALUMA, Sonoma Co., Calif.—Until June 4 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Petaluma. Specifications may be obtained from above office and from the Custodian of the building at Petaluma.

BIDS WANTED

WALLA WALLA, Wash. — Until June 4, 2:30 P. M., bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing ice cream making plant at Veterans' Administration Facility, Walla Walla.

BIDS OPENED

ASTORIA, Ore.—G. J. Inman, Danville, Ill., at $1,303 submitted the low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office in Astoria.
Complete bids follow:
G. J. Inman, Danville, Ill.....$1,303
Neuman Bros., McMinnville, Ore. 1,370
Apex Painting & Decorating Co. Seattle 1,994
Astoria Painting Co., Astoria..... 3,250
J. A. Hoff, Astoria..... 4,478
Bids held under advisement.

BIDS WANTED

SAN DIEGO, Cal.—Until May 17, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, San Diego, for alterations to CO2 Fire Protection System at the Naval Operating Base (Air Station), San Diego; Spec. No. 7935.
The present CO2 fire protection system is a bank of eleven cylinders, each containing 50 pounds of liquid CO2 gas (actuated by rate of temperature rise), with operating mechanism consisting of cutter valves, loop, manifolds, fastenings, etc., installed in a wire enclosure. The work consists in general of (a) the removal of the present operating mechanism and the furnishing and installing of a new type of operating mechanism, including cutter valves, loop, manifolds, fastenings, etc., installed in a new steel enclosure; and (b) the furnishing and installing of a scale and necessary appurtenances to permit the weighing of individual cylinders without removing them from the bank or putting the system out of operation. Bidding data may be obtained from above office upon deposit of $10.00.

To Ask Bids Shortly.

POST OFFICE Cost, $130,900
SANTA MONICA, Los Angeles Co.
One-story and basement reinforced concrete Post Office building (13,500 sq. ft. floor space) steel trusses, wood and composition roofing, tile and marble toilets, tile lobby floor, wood paneling, cast concrete ornamentation, waste molds, steam heating, ornamental iron, etc., (Mexican style of architecture).
Owner—United States Government.

rchitect—Henry Carlton Newton and Robert Dennis Murray, 602 Architects Bldg., Los Angeles.

— CLUB BUILDING

RE LOSS
STRATHMORE, Tulare Co., Cal.—re destroyed the Strathmore County ub. Damage estimated at $15,000 illiam Horner, proprietor.

ow Bidders.
LTERATIONS Cost, $15,000
AN FRANCISCO. NE Valencia and Clinton Park.
terations to lodge rooms.
wner—First Serbian Benevolent Society.
rchitect—Dodge Riedy, 821 Market.
w Bidder—M. E. Vukicevich, 666 Mission Street.
Miller & McGillis submitted second w bid, and Monson Bros., third low. Bids held under advisement.

— HOSPITALS

lans Being Figured—Bids Close June 3, 10 A. M.
LTERATIONS Cost, $—
ANTA BARBARA, Santa Barbara County, Calif.
terior changes to first and second floors of county detention home.
wner—County of Santa Barbara.
rchitect—L. A. Cooke, 423 E. Victoria St., Santa Barbara.

gregated Bids Being Taken.
DDITION Cost, $14,000
EALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
ne-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant, tile and linoleum floors, etc.; 90x 39 feet.
yner—Dr. C. W. Weaver, Memorial Hospital (Brigadier W. G. White, Supt.) Healdsburg.
chitect—John I. Easterly, 302 Grant St., Healdsburg.
Bids are being received on the following items:
(1) Carpentry;
(2) Lumber;
(3) Mill Work;
(4) Brick and Masonry;
(5) Plumbing;
(6) Heating;
(7) Painting.

ONTRACT AWARDED
MADERA, Cal. — F. J. Reilly, 6350 ilton St., San Francisco, at $1125 arded contract for extra work to e Madera County Hospital. Work olves installation of water pipe stem for the new building.

ONTRACT AWARDED
SANTA BARBARA, Cal.—Air Conioning Co., 2308 W. 7th St., Los geles, awarded contract for installg an air conditioning system in nsum clinic at Cottage Hospital, nta Barbara.

REPARING PLANS
SAN LUIS OBISPO, Calif. — Archiets A. R. Walker and P. A. Elsen, 8 Pacific Commerce Bldg., Los Anles, are preparing plans and specifications for extensive alterations and ditions to the San Luis Obispo unty hospital. Work will consist of modeling the maternity ward, kitch- alterations and additions to the uth and center wings. Construction ll be reinforced concrete. The orig- al buildings were erected in 1927.

REPARING PLANS
SAN LUIS OBISPO, Calif. — Archiets A. R. Walker and P. A. Elsen, 8 Pacific Commerce Bldg., Los Angeles, are preparing plans for a tuberculosis hospital to be erected on a site near the San Luis Obispo county hospital for San Luis Obispo County. The hospital will have a central building, with accommodations for 30 patients, containing 15 private rooms, wards, treatment rooms, screened porches and sun rooms. There will be a second building housing a children's ward with 10 bed and nurses' rooms. They will be reinforced concrete structures with wood roof construction, tile roofing, steam heat, etc.

PREPARING PLANS
SAN LUIS OBISPO, Calif. — Architects A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., Los Angeles, are preparing plans for a nurses home and superintendent's residence to be built at the San Luis Obispo county hospital. It will be a Spanish style structure, containing 30 rooms with communicating baths, and will have concrete walls.

PREPARING PLANS
SAN LUIS OBISPO, Calif. — Architects A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., Los Angeles, are preparing plans for an old ladies' home to be built on the San Luis Obispo county hospital grounds. It will be a one-story, Class C structure with accommodations for 20 patients; brick walls, tile roof, steam heat from existing plant, etc.

10— HOTELS

PLANS BEING FIGURED
SANTA BARBARA, Calif. — Architects A. R. Walker and P. A. Elsen, 708 Pacific Commerce Bldg., Los Angeles, have prepared plans and are taking bids for extensive alterations and additions to the Mar Monte hotel in Santa Barbara for Pacific States Savings & Loan Co. Work will include an addition to the dining room, 50x60 ft, in area, a grill room and modification of the ground floor and lobby; redwood interior finish, tile work, metal and plate glass windows, parquet flooring, etc.

PLANS BEING PREPARED
PHOENIX, Ariz.—Arthur H. Zieske resident manager of the Southwest Cotton Co., Phoenix, announces that plans are being prepared for additions and improvements to the Wigwam Guest Inn at Litchfield Park, west of Phoenix. The additions will include a new lounge, extension of the present dining room, a new four-room "wickup" with four bathrooms, kitchen additions and a new approach to the inn, the latter involving 12 blocks of paving. Two of the existing cottages will be completely remodeled. Cost, $40,000. Mr. Zieske will supervise construction.

12— POWER PLANTS

BIDS WANTED
SAN FRANCISCO.—Until May 20, 2 P. M., bids will be received by Dr. M. J. White, Custodian, U. S. Marine Hospital, 14th Ave. and Lake St., for furnishing and installing combination gas and oil burner units on four 100-hp. Scotch marine boilers as installed in the power house of the Marine Hospital, 14th Ave. and Lake St., San Francisco.
For additional information apply to the Materiel Officer at the hospital.

CONSTRUCTION STARTED
COOLIDGE, Arizona — Work has been started on a $261,000 standby Diesel electrical generating plant for the United States Indian Irrigation Service, 1½ miles north of Coolidge just west of the Southern Pacific tracks and north of the Florence Coolidge highways. The Nordberg Manufacturing Company of Milwaukee, Wis., has been awarded a contract for furnishing Diesel engines and accessories, including generators, at an approximate cost of $164,000. The present installation will have a capacity of 2600 horsepower, and will be capable of expansion as needed. The building will contain 6560 square feet of floor space and excavation for the basement will require removal of 2200 cubic yards of earth. This plant will be used primarily for standby service during the peak irrigation season for the operation of deep well pumps, to augment the supply of water delivered to project lands from the San Carlos reservoir.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BOND ELECTION
EUREKA, Humboldt Co., Cal.—City of Eureka will vote on June 17 on a proposal to issue bonds in amount of $65,000, proceeds to finance the construction of a civic auditorium in Eureka. Preliminary plans prepared by Frank Georgeson and Newton Ackerman, Eureka.

TO ASK BIDS
BAKERSFIELD, Kern Co., Cal.—Kern County Supervisors will ask bids immediately for plastering and roofing with tile(the Social Welfare adobe building in Bakersfield. E. J. Symmes, Haberfelde Bldg., Bakersfield, architect.

NEW BIDS WANTED.
SAN FRANCISCO. — Until May 22, 2:30 P. M., new informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, City Hall, for acoustical correction in band practice Room No. 10 San Francisco War Memorial Building. Work involves wrapping vertical walls and center plasters Nos. 1, 2, 3, and 4 from floor to soffit of ceiling with ½-in. rockwool. Estimated cost $1,100. Arthur Brown, Jr., 251 Kearny St., architect.
Previous bids received were rejected. Lowest bid submitted by Western Asbestos Co., 675 Townsend Street at $1,115.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $5.

SEEK FUNDS
LOS ANGELES, Cal.—Los Angeles County Supervisors May 7, made formal application to PWA for a loan of $15,500,000 to finance construction of proposed courthouse in the block bounded by Broadway and First, Hill and Temple Sts. The application was accompanied by a sketch of the structure prepared by Architect Gilbert Stanley Underwood.

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until May 23, 11 A. M., bids will be received by F. E. Smith, County Clerk, Bakersfield, for plastering the interior of the Social Welfare Building located on the corner of Twenty-Sixth and M Streets, Bakersfield.
Plans and specifications may be obtained from Architect E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.

TO SEEK FUNDS
SANTA BARBARA, Calif. — Santa Barbara county supervisors have authorized the county planning commission to make formal application to the Public Works Administration for funds to finance construction of the following building projects: Addition to county hospital, $23,000; service building addition to courthouse, $100,-

000; amphitheater, $60,000; airport, $100,000; branch county buildings and veterans' memorial at Solvang, $27,000; branch county buildings and veterans' memorial at Carpinteria, $3,000; office building and veterans' memorial at Lompoc, $87,000; addition to branch county hospital at Santa Maria, $60,000.

Sub-Contracts Awarded.
HALL OF RECORDS
Contract Price, $215,190
FRESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.
Three-story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)
Owner—County of Fresno.
Architects—Allied Architects of Fresno (composed of W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson), 304 Rowell Building Fresno
Structural Engineers—F. W. Kellberg and Clarkson Swain, 520 Market St., San Francisco.
Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
Contractor—Wm. Spivock 544 Golden Gate Ave., San Francisco.
Excavation—Thompson Bros., 2150 G St., Fresno.
Aggregates—Thompson Bros., 2150 G St., Fresno.
Sheet Metal—Z. Z. Dowd, 4335 Illinois Ave., Fresno.
Lumber—Valley Lumber Co., P. O Box 1341, Fresno.
Plastering—M. E. Summers, 2417 Belmont Ave., Fresno.
Terra Cotta—Gladding, McBean and Co., 660 Market St., San Francisco
Electric—Westinghouse Electric Co., 1 Montgomery St., San Francisco.
Travitine—Sculpture Work Shop, 121 Fourth St., San Francisco.
Tile—Albert Cook, 334 Claremont Blvd., San Francisco.
Painting—D. Zelinsky, 165 Grove St., San Francisco.
Rubber Floors—Van Fleet Freear Co. 557 Howard St., San Francisco.
Venetian Blinds—Bates Carpenter and Co., 604 Mission St., San Francisco.
Marble—Elsele & Dondero, 2895 3rd St., San Francisco.
As previously reported, mechanical work awarded to Barrett-Hicks Co., 1031 Broadway, Fresno; electrical work to Wessell Electric Co., Rt. 2, Box 173, Fresno.

14— RESIDENCES

Contracts Awarded.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Calif.
One-story wood frame summer home (five rooms and two baths) shake roof, electric heating system, stone pavement, plank flooring, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Carpentry—Albert Haskell, 255 Ridgeway, Oakland, $3,302.
Plumbing—Scott Co., 113 Tenth St., Oakland, $623.
Painting—H. C. Lovett Painting Co., 4400 Broadway, Oakland, $375.
Electrical contract will be awarded shortly.

Contracts Awarded.
RESIDENCE Cost, $8,000
SAN FRANCISCO. Forest Hill, Castenada and San Marcus.
Two-story and basement wood residence (7 rooms, 2 baths) Colonial type) terra cotta tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—F. W. Dakin, 625 Market.
Contractor—Chas. Anderson, 150 Granville Way.
Plumbing—Frank J. Klimm, 456 Ellis.
Electric—Harry Tattenham, 35 Marston Avenue.
Tile Work—Superba Tile Company.
Painting—Blechman & Blechman, 830 Broderick Street.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. 952 Hilldale Avenue.
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Roofing—Marshall Shingle Co., 3729 Telegraph Ave., Oakland.
Plumbing—Suendermann Plbg. Co. 921 University Ave., Oakland.
Electric Wiring—James Anderson, 96 Zinn Drive, Oakland.
Heating and Sheet Metal — Aladdin Heating Corp., 5107 Broadway, Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Concrete—Ed. Johnson, Berkeley.
Reinforcing Steel—Boormann Steel Co. 25 8th St., Oakland.
Hardwood Floors—Castle and Carlson, 273 Mather St., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Hardware—Berkeley Hdwe. Co., 2154 University Ave., Berkeley.
Painting—Blomgren Bros., 1927 Russell St., Berkeley.
Lathing and Plastering—Scott & Speer 1431 Northside, Berkeley.
Finish Material—Tilden Lbr. Co., foot of University Ave., Berkeley.
Brick—W. H. Wisheropp, 3749 Quigley St., Oakland.

Low Bidder.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Cal. Vendome Tract.
One-story and basement frame and stucco residence (6 rooms and 2 baths), Spanish style; tile roof, gas hot air heating system, electric refrigeration, hardwood floors, tile baths, etc.
Owner—W. F. Runge.
Architect—W. E. Higgins, 19 North Second St., San Jose.
Low Bidder—C. F. Kessling, 788 Coe St., San Jose.

To Ask Bids Within One Week.
RESIDENCE Cost, $15,000
FRESNO, Fresno Co., Cal. ....
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred Reimers, 233 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Holliister St. 75 E Ingalls St.
One-story and frame and stucco residence.
Owner — Chas. O. Hansen, 1625 Ingalls St., San Francisco.
Architect—Not Given.
Contractor—C. A. Faggioni, 1567 Revere St., San Francisco.

Contract Awarded.
RESIDENCE Cost $5000
SAN FRANCISCO. Kirkwood and Newhall Streets.
One - story and basement frame and stucco residence.
Owner—Angelo Del Bonta, 1438 Galvez.
Architect—Not Given.
Contractor—Angelo Zangrando, 725 Grand Ave., South San Francisco.

Contract Awarded.
RESIDENCE Cost, $700
OAKLAND, Alameda Co., Calif. 5816 5818 Ayala Street.
One - story and basement frame and stucco residence (8 rooms).
Owner—F. Guido, 5822 Ayala Street Oakland.
Architect—Not Given.
Contractor — E. Campominosi, 640 Broadway Terrace, Oakland.

Contract Awarded.
RESIDENCE Cost, $10,00
OAKLAND, Alameda Co., Calif. 892 Oakmore Road.
Two - story and basement frame and stucco residence (8 rooms).
Owner—Arthur E. Newman, 954 12t St., Oakland.
Architect—Not Given.
Contractor—Nels E. Carlson, 1381 F 27th St., Oakland.

Plans Being Figured—Bids Close Ma 24th, 4 P. M.
RESIDENCE Cost, $6,50
STOCKTON, San Joaquin Co., Calif Oxford Manor.
Two - story frame and stucco mod home (6 rooms, one bath) shingl roof, gas furnace, tile bath, hard wood floors, steel sash, etc.
Owner—Better Housing Campaig Committee.
Architect—Jos. Losekann, 1218 We Harding St., Stockton.
Following have procured plans t date:
Frank P. Guyon, 1211 East Main St Stockton.
T. E. Williamson, P. O. Box 9 Stockton.
Ecker Bros., Rt. L, Box 15, Stocl ton.
C. I. Carlson, 807 N. Madison St Stockton.
I. Cotter, care architect.
J. Hildebrand, care architect.

To Ask Bids Shortly.
RESIDENCE Cost, $20,00
BROCKAWAY, Placer Co., Calif. New summer house.
Owner—Leslie Hills, 2 Harrison S San Francisco.
Architect—Withheld.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $15,0
SARATOGA, Santa Clara Co., Calif.
One - story frame and stucco res dence (9 rooms, 3 baths) Spani style; tile roof, stucco walls, har wood floors, tile baths, etc.
Owner—Withheld.
Architect—A. A. Cantin, 222 Kear St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $50
SAN FRANCISCO. W 15th Aven 175 N Wawona Street.
One-story and basement frame a stucco residence.
Owner and Builder—S. K. Anders — 1433 Seventh Avenue.
Architect—H. G. Stoner, 39 Sutter

Plans Being Completed.
RESIDENCES Cost, $5000 ea
OAKLAND, Alameda Co., Cal. Claremont Woodlands.
Four one- and two-story frame a stucco residence (5 and 6 roon shingle roofs, gas hot air heati system, wood sash, hardwo floor, tile baths, etc.
Owner and Builder—M. P. Bras 1600 Mountain Blvd., Oakland.
Plans by W. W. Dixon, 1844 5th A Oakland.

Plans Being Figured—Bids Close N 27, 12 Noon.
RESIDENCE Cost, $—
HILLSBOROUGH PARK, San Ma Co., Calif.
Two-story and basement frame

stucco residence (11 rooms and 4 baths) Provincial French type wood shake roof, gas hot air heating system, harwdood floors, tile baths, etc.
wner—George Taylor.
rchitect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Following will submit bids:
A. F. Mattock, 212 Clara St., San rancisco.
Jacks & Irvine, 620 Market St., San rancisco.
George J. Maurer, 50 York Drive, iedmont.
E. Shaver, 2600 Easton Drive, Bu ngame.

lans Completed.
ESIDENCE Cost, $6,000
ERKELEY, Alameda Co., Cal. Thousand Oaks.
wo-story and basement frame and stucco residence (7 rooms and 2 baths); shake roof, gas hot air heating system, wood sash, tile bath, hardwood floors, etc.
wner and Builder—Hans Christensen, 2726 Grove St., Berkeley.
lans by Owner.

wner Taking Bids.
ESIDENCE Cost, $——
AKLAND, Alameda Co., Cal. Lakeshore Highlands.
ne-story frame and stucco residence (four rooms) tile and composition roof, tile floor in bath, hot air furnace, hardwood floors, etc.
wner—H. F. Carlsen, 47 Baywood Court, San Francisco.
lans by Owner.

onstruction To Start Immediately.
ESIDENCE Cost, $7,500
AKLAND, Alameda Co., Cal. Piedmont Pines.
wo-story frame and stucco residence (6 rooms and 2 baths).
wner and Builder—Christ Dietz, 2530 8th Ave., Oakland.
rchitect—Chester Treichel, 696 Cleveland, Oakland.

lans Being Figured—Bids Close May 29th, 7 P. M.
ESIDENCE Cost, $——
ERKELEY, Alameda Co., Cal. Claremont.
hree - story frame and stucco residence (18 rooms, 7 baths) shingle tile roof, gas hot air heating system, wood sash, hardwood floors, tile bathe, etc.
wner—Bartlett B. Heard.
rchitect—W. W. Wurster, 260 California St., San Francisco.
Bids are being received from a sected list of contractors only.

ontract Awarded
ESIDENCE Cost, $——
ERKELEY, Alameda Co., Cal. Santa Barbara Road.
wo - story and basement frame and brick veneer residence (8 rooms, 3 baths) shake roof, gas hot air heating system, steel sash, etc.
wner—Orville Adams.
rchitect—E. S. Snyder, 2101 Shattuck Ave., Berkeley.
ontractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

o Be Done By Day's Work.
ESIDENCE Cost, $2000
ICHMOND, Contra Costa Co., Cal. E Western Drive and Harrison St.
ne-story frame residence.
wner & Builder—M. Terek, 305 Harrison St., Richmond.
rchitect—Not Given

ontract Awarded.
ESIDENCE Cost, $5000
TOCKTON, San Joaquin Co., Calif. 1830 Ransome Avenue.
One-story frame and brick veneer residence (5 rooms).
Owner—Herbert N. Pond, 1330 West Rose St., Stockton.
Architect—Not Given.
Contractor—Wirt M. West, 1411 No. Commerce St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
BELL HAVEN CITY, San Mateo Co.
One-story frame residence.
Owner and Builder—A. Meier, 580 El Camino, San Bruno
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
MILLBRAE San Mateo Co. Calif. Barclay and Poplar Ste.
One-story frame and stucco residence
Owner—J. F. Barthelmess.
Architect—Not Given.
Contractor—W. C. Akard, 33 Cervantes Blvd., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3,641
PETALUMA, Sonoma Co., Calif. Melvin Street.
1½-story frame and stucco residence.
Owner—R. F. Anderson, Petaluma.
Architect—Not Given.
Contractor—Vogenson Const. Co., Petaluma.

Contract Awarded.
RESIDENCE Cost, $3,500
SAN MATEO, San Mateo Co., Calif. Bayshore Highway.
One-story frame and stucco residence
Owner—George Cascinal.
Architect—Not Given.
Contractor—Robert E. Broderick, 130 12th Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $7,000
SAN FRANCISCO. North Point and Buchanan Streets.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) tile and composition roofing, gas hot air heating system, canvas walls, hardwood floors, tile baths, wood sash, etc.
Owner—Dr. Porter.
Architect—D. E. Jaekle, 126 Post St.
Contractor—J. W. McCabe, 716 Ulloa Street.

Plans Being Figured—Bids Close May 20th.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence.
Owner—Matthew Wahrhaftig.
Architects—H. A. Schary, 605 Market St. and W. I. Garren, 233 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
BURLINGAME, San Mateo Co., Calif. Concord Road.
One - story and basement frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito, San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN MATEO, San Mateo Co., Calif. Spruce St., Half Moon Bay.
One-story frame residence.
Owner—Pat Cardoza, Main Highway, San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. Seville Way.
One - story and basement frame and stucco residence.
Owner—Thos. F. Wiseman, 121 Sycamore, San Mateo.
Contractor—Leadley & Wiseman, 207 Second, San Mateo.

Contract Awarded.
RESIDENCE Cost, $4,500
BURLINGAME, San Mateo Co., Calif. Paloma Avenue.
One - story and basement frame and stucco residence.
Owner—Hanz Murray.
Architect—Not Given.
Contractor — M. Sorensen, 1118 Bancoft, Burlingame.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. 113 Seville Way.
One - story and basement frame and stucco residence.
Owner—C. W. Rogers.
Architect—Not Given.
Contractor—Dean Mitchell, 1044 Paloma Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $——
VALLEJO, Solano Co., Cal. Vista de Vallejo.
Two-story frame residence (English type).
Owner—Ed. L. Enos, 17 Hams Ave., Vallejo.
Architect—Jas. Narbett, 474 31st Ave. Richmond.
Contractor—Will F. Bishop, Rt. 1, Box 1376, Napa.

Plans Being Completed.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Hilgard near Leroy Street.
Two-story frame and stucco residence (9 rooms, 2 baths) asbestos shingle roof, oil hot air heating system, hardwood floors, etc.
Owner—Mr. Von Ellsworth.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.
Bids will be asked in about two weeks.

RESIDENCE Cost, $4000
SAN JOSE Santa Clara Co., Cal. No. 200 Clayton Avenue.
(5 rooms).
One-story frame and stucco residence
Owner — Albert P. Albertson, 209 Clayton Ave., San Jose.
Architect—Not Given.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Plans Being Completed.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Geo. Patton, Simonds, 192 Main St., Hayward.
Bids will be asked in two or three weeks.

Construction Under Way.
BUNGALOW Cost, $8000
SAN FRANCISCO. S Jefferson St. W. Webster Street.
One-story and basement frame and stucco bungalow (6 rooms); tile roof, gas hot air heating system, hardwood floors, tile bath, etc.
Owne and Builde—Ben Liebman, 1555 Fancisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN FRANCISCO.Twenty-ninth Ave. and Irving Street.

One-story and basement frame and stucco residence (5 rooms) composition and tile roof, wood sash, tile bath bath, hardwood floors, etc.
Owner and Builder—August Hallgren, 1595 29th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Low Bidder.
RESIDENCE Cost, $3000
LAFAYETTE, Contra Costa Co., Cal.
One-story and basement frame and stucco residence (4 rooms).
Owner—Withheld.
Architect — William C. Ambrose, 244 Kearny St., San Francisco.
Low Bidder — T. D. Courtright, 349 61st St., Oakland.

Contract Awarded.
RESIDENCE Cost $5000
OAKLAND, Alameda Co., Cal. No. 6342 Chelton Drive.
One-story frame and stucco residence (6 rooms).
Owner—A. R. Brachardt, 2317 Fruitvale Ave., Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
San Francisco. E Thirty-sixth Ave. 175 N Taraval St.
One-story and basement frame and stucco residence.
Owner and Builder—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $11,000
PIEDMONT, Alameda Co., Cal. 370 Wildwood Avenue.
Two-story and basement frame and stucco residence (9 rooms).
Owner—Dr. Bruce M. Stephens, 1812 San Jose Ave., Alameda.
Architect—C. W. Mayhew, 6026 Acacia Ave., Oakland.
Contractor — E. G. Mayhew, 6026 Acacia Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 705 Glendome Road.
Two-story frame and stucco residence (6 rooms).
Owner and Builder — F. A. Heroux, 4763 El Centro Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. SE Kirkham St. and 33rd Ave.
One - story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, 320 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
FRESNO, Fresno Co., Cal. No. 1117 Vegedes Street.
One-story and basement frame and stucco residence.
Owner—August Haar.
Architect—Not Given.
Contractor—D. W. Doss, 240 N-Sierra St., Fresno.

Plans Completed.
RESIDENCE Cost, $5,000
SAN FRANCISCO. W 15th Ave. 175 N Wawona Street.
One - story and basement frame and stucco residence.
Owner—S. R. Anderson, 1433 Seventh Avenue.
Architect—H. G. Stoner, 39 Sutter St.

Preparing Plans.
RESIDENCE Cost, $25,000
SAN FRANCISCO. (Location Withheld).
Two-story and basement frame and stucco residence (9 rooms and baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Preparing Plans.
RESIDENCES $10,000 to $13,000
SAN FRANCISCO. Twenty-fifth Ave.
Six one-story and basement frame and stucco residences.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Ave., San Francisco
Architect—Masten & Hurd, 233 Post St., San Francisco.
(6848) 1st report May 10, 1935.* 14

Plans Being Figured—Bids To Close May 21, 6 P. M.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story and basement frame and stucco residence (6 rooms and 2 baths); shingle roof, oak plank floors, gas heating sytem, colored tile bath, etc.
Owner—F. A. Naylor.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being received from a selected list of contractors only.

Plans Being Figured—Bids Close May 20, 2:00 P. M.
RESIDENCE Cost, $17,000
SAN RAFAEL, Marin Co., Cal. Mt View and Grand Avenues.
Two-story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, hot air heating system, thermostatic control, canvas walls and ceilings, tile baths, hardwood floors and trim, etc.
Owner—Max Blumfield.
Architect—S. Heiman, 605 Market St., San Francisco.
Following will submit bids:
J. Harold Johnson, 639 Brannan St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Jacks & Irvine, 620 Market St., San Francisco.
G. P. W. Jensen, 320 Market Street, San Francisco.
A. L. Siemer, 341 San Anselmo Ave. San Anselmo.
J. Dawson, 1507 Lincoln St., Berkeley.
Leibert & Trobock, Albert Building, San Rafael.

Segregated Bids Being Taken.
RESIDENCES Cost, $5000 each
BERKELEY, Alameda Co., Cal Spruce Street.
Two 1-story and basement frame and stucco residence.
Owner—N. B. Douglass, 28 Domingo St., Berkeley.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.
Concrete—G. Johnson, Premises.
Segregated bids are being taken on plumbing, mill work, etc.
As previously reported, lumber contract awarded to Oakland Lumber Co., 6901 E. 14th St., Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. 30 Tunnel Road.
Two-story frame and stucco residence (five rooms).
Owner and Builder—M. A. Peel, 10 Oakvale, Berkeley.
Architect—Shaw & McCool, 9 Geary St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 914 Hillcroft Circle.
Two - story and basement frame and stucco residence (9 rooms).
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor—Theodore H. Lapham, 54 Kenmore Ave., Oakland. 4

Plans Being Figured—Bids Close May 17, 5 P. M.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif.
One and one-half-story and basement frame and stucco residence (eight rooms, 3 baths) shake roof, air conditioning system, tile baths, steel sash, hardwood floors, etc.
Owner—Withheld.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Following will submit bids. Local contractors only:
E. J. Schmalling, 863 Melville Ave., Palo Alto.
C. W. Kemper, 125 Bryant St., Palo Alto.
Ralph Knight, 595 Bailey Avenue, Mountain View.
Harry Engman, 244 Rinconada St., Palo Alto.

Plans Being Prepared.
ALTERATIONS Cost, $15,000
PALO ALTO, Santa Clara Co., Calif Campus of Stanford University.
Alterations to sorority house (stucco exterior, plumbing, painting, wiring, etc.)
Owner — Delta Gamma, 544 Lasuen Stanford University, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.

Plans Being Prepared.
RESIDENCE Cost, $25,000
SAN FRANCISCO (Location Withheld).
Two-story and basement frame and stucco residence (9 rooms and baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—John Little Bldg Co., 107 24th Ave., San Francisco
Architect—Masten & Hurd, 233 Post St., San Francisco.
Sub-bids will be taken in about two weeks.

Plans Being Completed.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Location Withheld).
Two-story and basement frame and stucco residence (9 rooms and baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—John Little Bldg Co., 107 24th Ave., San Francisco
Architect—Masten & Hurd, 233 Post St., San Francisco.
Sub bids will be asked in two weeks

Contract Awarded.
ALTERATIONS Cost, $15
SAN FRANCISCO. 410 Mississippi St
Alterations to residence.
Owner—Victor and Natalie Lang, 4 Mississippi Street.
Architect—Not Given.
Contractor—Gustaf Heden, 824 Dolores Street.

To Be Done By Day's Work.
RESIDENCE Cost, $4,0
SAN FRANCISCO. E 32nd Aven 250 S Lawton Street.
One - story and basement frame a stucco residence.
Owner — Laurence Costello, 382 27 Avenue.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,
SAN FRANCISCO. 365 Market Stre

Alterations to cafe.
Owner—Arthur Young, Premises.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7,000
SAN FRANCISCO. SE Garcia and Hernandez.
One - story and basement frame and stucco residence.
Owner—W. E. Janke, 64 Graystone Terrace.
Architect—Not Given.
Contractor—Lincoln U. Grant, 658 3rd Avenue.

Sub-Bids Being Taken.
RESIDENCES Cost, $——
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two two-story frame residences (six rooms and 2 baths each).
Owner and Builder—G. W. Williams Co., 215 Primrose Road, Burlingame.
Architect—Willis Polk Co. (Angus McSweeney, Architect), 604 Mission St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 36th Ave. 150 N Anza Street.
One - story and basement frame and stucco residence.
Owner and Builder—C. O. Blincoe, 2663 15th Ave.
Plans by B. K. Dobkowitz, 425 Monterey Blvd.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 6176 Acacia Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—C. F. Bramlett, Premises.
Architect—Not Given.
Contractor — J. W. Scammell, 424 Scenic Ave., Piedmont.

Contract Awarded.
ADDITION Cost, $1086
SAN FRANCISCO. No. 549 El Camino del Mar.
Add library to rear of dwelling.
Owner—Emily B. Hicks, Premises.
Architect—Chas. F. Maury, 681 Market St., San Francisco.
Contractor—Daniel L. Bienfield, 666 Mission St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Cal. Proctor Drive and Austin Way.
Two-story and basement frame and stucco residence (6 rooms); shake roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Santa Rosa Better Housing Campaign Committee.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa

Contract Awarded.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E 25th Avenue S Taraval Sreet.
Two one - story and basement frame and stucco residences.
Owner—Jas. L. Furey, 2027 16th Ave.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Bernhardt & Cowen, 924 Taraval Street.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 27th Avenue 100 S Cabrillo.
One - story and basement frame and stucco residence.
Owner—Heyman Bros., 742 Market St.
Architect—R. R. Irvine, 3431 Market.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Plans To Be Prepared.
RESIDENCE Cost, $7,000
SAN RAFAEL, Marin Co., Calif. El Camino Terrace.
New residence.
Owner—Dr. F. M. Cannon, 510 B St., San Rafael.
Architect—H. H. Winner, Wordsworth Ave., Ross.
Further details will be announced shortly.

Contract Awarded.
RESIDENCE Cont. Price, $3,665
BERKELEY, Alameda Co., Calif.
One - story wood frame residence (3 rooms).
Owner—Wallace Kenbrook.
Architect—Shaw & McCool, 704 Market St., San Francisco.
Contracor—Walter Sorensen, 2940 Piedmont Ave., Berkeley.
Conatruction will start shortly.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 904 Trestle Glen Road.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 6318 Bullard Drive.
Two - story and basement frame and stucco residence (7 rooms).
Owner—Charles M. Wood, Syndicate Bldg., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $4,000
PALO ALTO, Santa Clara Co., Calif. 659 Salvatierra Street.
Alterations and additions to residence
Owner—F. E. Terman, 659 Salvatierra Palo Alto.
Architect—Not Given.
Contractor—R. C. Knight, 595 Bailey Ave., Mountain View.

Preparing Plans.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Location Withheld.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.

15— SCHOOLS

Contracts Awarded.
SCHOOL Cost, $45,000
DALLAS, Oregon.
One - story grammar school (12 classrooms).
Owner—Dallas School District.
Architect — C. N. Freeman, Concord Bldg., Portland.
Contractor—Barham Brothers, Salem, Oregon, $34,500.
Heating and Plumbing—H. H. Rich, Dallas, $5,833.
Electric—Tice Electric Co., 932 SE 12th St., Portland, $1,381.

Plans Completed.
ADDITION Cost, $28,000
SHAFTER, Kern Co., Calif. Shafter High School Campus.
Addition to high school (new shop building and study hall).
Owner—Shafter High School District.
Architect—Edwin J. Symmes, Haberfelde Bldg., Bakersfield.

Upon approval of plans by the State Division of Architecture bids will be asked.

FUNDS ALLOTTED
STEWART, Nevada —PWA allotted $150,000 for the rebuilding of the boys' dormitory at the Carson Indian School at Stewart which was destroyed by fire recently.

Bids Opened.
SCHOOL Cost, $——
SANDY, Oregon.
Two - story brick and concrete school bldg. (large auditorium and gymnasium).
Owner—School District No. 2, Clackamas County (W. Oren Sanger, Clerk).
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Low Bidder—A. A. Hunt, Boring, Ore.
Complete bids follow:

A. A. Hunt, Boring	$61,327
Malarkey & Kallander, Portland	64,600
Allen & Powers, Portland	65,690
Shattuck & Neland, Portland	65,748
Robertson, Hay and Wallace, Portland	70,850

Preparing Working Drawings.
ADDITION Cost, $8,000
BRENTWOOD, Contra Costa Co., Cal.
Brick addition to grammar school (add two classrooms).
Owner—Brentwood-Deer Valley Grammar School District.
Architect—F. L. Reimers, 233 Post St., San Francisco.
Bids will be asked about June 5.

BIDS WANTED
LOS ANGELES, Cal.—Until May 28 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 San Pedro St., for reconstruction, rehabilitation and strengthening the 1927 addition at the Thomas A. Edison junior high school. Walker and Eisen, 708 Pacific Commerce Bldg., architects, and Murray Erick, 811 W 7th St., structural engineer. Cost, $70,000.

CONTRACT AWARDED
LOMA LINDA, San Bernardino Co. Cal.—L. C. Haystad, 3700 Vantage Ave., North Hollywood, awarded a contract for erection of two new laboratory buildings at Loma Linda for the College of Medical Evangelists. Reinforced concrete foundations and basements, steel and wood frame construction, stucco exteriors, composition roofing, steel sash, tiled toilet rooms, linoleum or asphalt tile floor covering, steam heat from existing central plant. Clinton Nourse, 1406 Bond St., Los Angeles, architect.

BIDS WANTED
LONG BEACH, Cal.—Until May 29, 4 P. M., bids will be received by the Long Beach board of education for construction of the Los Cerritos elementary school at San Antonio Drive and Lexington Place. Plans and specifications may be obtained from the business manager of the board, 25th St. and Chestnut Ave., upon deposit of $25. Certified or cashier's check or bond for 5% must accompany each bid. H. A. Anderson, 30 Pine Ave., Long Beach, architect. Bids received for this project on Jan. 30 were rejected.

CONTRACT AWARDED
SANTA BARBARA, Cal.—California Electric Co., 30 E. Victoria St., Santa Barbara, awarded contract by Santa Barbara board of eduction at $3461.17 for installing a loudspeaker system in the Santa Barbara high school auditorium. Other bids were: Santa Barbara Music Co., $3582.11; Santa Barbara Electric Co., $3961.03.

Plans being Completed.

ADMIN. BLDG. Cost, $80,000
TAFT, Kern Co., Calif. (Taft Union High School Campus).
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows)
Owner—Taft Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans will be forwarded to Sacramento for approval in about 1 week.

TO MAKE NEW SURVEY

BERKELEY, Alamda Co., Calif.—State Division of Architecture will make a new survey of LeConte, Whittier, Emerson and Franklin grammar schools in Berkeley to determine their safety.

Construction Under Way.

ADDITION Cost, $60,000
LOS GATOS, Santa Clara Co., Calif.
Three-story addition to Alma College (20 dormitory rooms, classrooms)
Owner—Alma College (Society of Jesus Thealogate).
Architect—Edward Eames, 353 Sacramento St., San Francisco.
Contractor—H. C. Miller, 1313 Franklin St., Santa Clara.

TO PURCHASE

SANTA BARBARA, Cal. — Santa Barbara Bd. of Education this week authoized the purchase of stage curtains for the McKinley School auditorium.

LOW BIDDER

LOS ANGELES, Cal. — Monolith Construction Co., 1698½ Cordova St., submitted low bid to Los Angeles Bd. of Education at $95,444 for construction of two 1-story frame and stucco school buildings at the South Park School, 455 East Manchester Ave. Edwin Bergstrom, 1129 Citizens' Nat'l. Bank Bldg., Architect.

BIDS WANTED

LOS ANGELES, Cal.—Until May 31, 1:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for reconstruction, strengthening and rehabilitation of the administration and home economics buildings at the Garden High School, Normandie Ave. and Gardena Blvd., Gardena. Farrell & Miller, 731 N. Marguerita Ave., Alhambra, architects & Daniel Noice, 5436 Carlton Way, structural engineer.

Plans Being Prepared.

SHOP, WAREHOUSE, ETC $10,000
FRESNO, Fresno Co., Cal. Ventura and Eighth Streets.
Shop, warehouse and maintenance building for school.
Owner—Fresno School District.
Architect—Allied Architects of Fresno

CONTRACT AWARDED

LOS ANGELES, Cal.—Robt. E. McKee, 1129 Central Bldg., awarded contract by Los Angeles board of education at $162,200 for construction of a new building at the Miramonte school, 1400 E 68th St. Carleton M. Winslow, 1001 Architects' Bldg., architect.

LOW BIDDER

LOS ANGELES, Calif. — Richards-Neustadt Const. Co., 5500 S. Boyle Ave., submitted low bid to the Los Angeles board of education at $34,026 for the reconstruction, rehabilitation and strengthening of Bldg. No. 2 at the Hammel Street school, located on the west side of Marianna Ave. between Hammel St. and Dozier Ave. Lyle Nelson Barcume, 5369 Wilshire Blvd., architect, and C. G. DeSwarte, structural engineer.

Plans Being Figured—Bids Close June 3rd, 7:30 P. M.

RECONST. SCHOOLS Cost, $75,000
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings at the Sequoia Union High School (work involves structural steel, concrete, wood framing and gunite work).
Owner — Sequoia Union High School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Plans and specifications will be available May 14 from H. J. Brunnier upon deposit of $25. Bids will be opened in the library at the Sequoia Union High School.

Plans Being Figured—Bids Close May 22nd, 2:30 P. M.

REPAIR SCHOOL Cost, $75,000
SAN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market Street.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, upon deposit of $25.00.
Bids are being taken on a general contract and one unit price for grout required to fill voids, per cu. yd.

Material Bids Being Taken.

SCHOOL Cost, $——
LOWER LAKE, Lake Co., Calif.
One-story brick grammar school bldg. (three classrooms) tar and gravel floor, hot air heating system, Oregon pine floors, plaster interior.
Owner—Lower Lake Grammar School District.
Architect—John I. Easterly, 302 Grant Street, Healdsburg.
Foundations have been started by SERA. Materials being purchased on the following items:
(1) Framing lumber;
(2) Mill work;
(3) Electrical supplies;
(4) Plumbing supplies;
(5) Paint materials;
(6) Hardware.

Planned.

ADDITION Cost, $——
BRENTWOOD, Contra Costa Co., Cal.
Addition to grammar school (add two classrooms).
Owner—Brentwood-Deer Valley Grammar School District.
Architect—Fred. L. Reimers, 233 Post St., San Francisco.

LOW BIDDER

LONG BEACH, Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, submitted low bid to the Los Angeles board of education at $65,349, for reconstruction, rehabilitation and strengthening of the main building (1919-24 portion) at the Point Firmin school, San Pedro. P. J. Duncan, architect; S. B. Barnes, engineer.

CONTRACT AWARDED

FLAGSTAFF, Ariz.—Geo. Walters, Jr., Flagstaff, awarded contract by Flagstaff school board at $61,000, for construction of the new two-story southside elementry school building (60x135-ft.) in Flagstaff. Wallingford & Bell, Heard Bldg., Phoenix, architects.

BIDS WANTED

LOS ANGELES, Cal.—Until June 5, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story, 22-room, Class A reinforced concrete administration bldg. to be built at the LaFayette junior high school, 1240 Naomi Ave. John and Donald B. Parkinson, 808 Title Insurance Building, architects. Cost, $111,000.

Bids Wanted — To Close June 4, 8 P. M.

SCHOOL RECON. Cost, $79,000
PITTSBURG, Contra Costa Co., Cal.
Reconstruction of the intermediate and Junior High Schools (to comply with State Earthquake safety act).
Owner—Pittsburg School District.
Architect—Louis Stone, 785 Market St., San Francisco.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Plans and specifications may be obtained from the architect or from the engineer upon deposit of $25.
Bonds in the amount of $79,000 were recently voted to finance construction.

Bids Opened.

ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School, brick construction, composition roofing, extension of present steam heating system, wood floors, etc.
Owner—Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Complete bids follow:

H. Lawrence	$17,894
Wm. C. Keating	19,585
C. J. Hopkinson	20,181
F. H. Betz	20,840

All bidders of Sacramento.

LOW BIDDER

LOS ANGELES, Cal.—W. W. Petley and C. Matcham, 205 Mills Fraser Bldg., Santa Monica, submitted low bid to Los Angeles board of education at $148,436, for new buildings A, B and C to be built at the Miles Avenue School, located on the east side of Miles Ave. between Saturn and Zoe Aves., Huntington Park. Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect.

BIDS WANTED

HERMOSA BEACH, Los Angeles Co., Cal.—Until June 3, 8 P. M., bids will be received by the Board of Public Reconstruction for new auditorium building to be erected at the Pier Ave. school, Hermosa Beach, for the Hermosa Beach City School Dist. Separate bids will be taken for the general work and for the mechanical work. Plans and specifications may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25.00. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect, and Paul Jeffers, Architects' Bldg., Los Angeles, structural engineer.

BIDS WANTED

MARTINEZ, Contra Costa Co., Cal.—Until May 28, 7 P. M., bids will be received by E. P. Fraga, Clerk, Martinez Elementary School District, for electrical work on Bldg. No. 2, of the Martinez Elementary School.
Plans and specifications may be obtained from the District Superintendent on the high school building at Martinez upon deposit of $5.00.

BIDS WANTED

SAN FRANCISCO—Until May 22, 1:30 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, 251 City Hall, for modeling of ornamental exterior plastering and cast work at the Academic Building and

ymnasium of the Marina Junior)gh School.
Plans and specifications may be ob-ined from Chas. Sawyer, City Ar-ıitect, City Hall. No deposit re-ıired.

ids Wanted — To Close May 29, 2:30 P. M.
CHOOL Est. Cost, $215,000
AN FRANCISCO. Geary and Scott Streets.
estoration of a portion of Girls' High School.
wner—City and County of San Fran-cisco.
rchitect—H. A. Minton, 525 Market Street.
ssociated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market St.
ructural Engineer—L. H. Nishkian, 525 Market Street.
Plans and specifications may be ob-ined from Chas. Sawyer, City Ar-ıitect, upon deposit of $25.
On previous bid opening lowest bid as submitted by the Dinwiddie Con-ruction Co., Crocker Bldg., at $244,-0.
As previously reported, brick and rra cotta contract awarded to White Gloor, at $18,789.
Complete bids published April 18.

ontract Awarded.
CHOOLS Cont. Price, $88,040.50
ALY CITY, San Mateo Co., Calif.
hree 1-story frame and stucco ele-mentary schools (six classrooms, principal's office, lunch room, etc.) Jefferson, Woodrow Wilson, and Crocker units.
wner—Jefferson School District.
rchitect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
ontractor — Meyer Construction Co., 735 Portola Drive, San Francisco.

6— BANKS, STORES AND OFFICES

lans Being Figured—Bids Close May 21, 10 A. M.
LTERATIONS Cost, $——
ACRAMENTO, Sacramento Co., Cal.
K and Tenth Streets.
lterations to store building.
wner—Joseph Cronan.
rchitect — Harry Devine, California State Life Bldg., Sacramento.
Following will submit bids:
Charles Unger, 2426 7th Ave., Sac-mento.
William Keating, 325 Forum Bldg., ıcramento.
Campbell Constr. Co., 800 R Street, ıcramento.
Harry Robertson, 3001 F Street, ıcramento.
Azevedo Constr. Co., 920 O St., Sac-mento.
P. J. Walker Co., 607 Sharon Bldg. ın Francisco.
Cahill Bros., 206 Sansome St., San rancisco.
Jacks & Irvine, 620 Market Street. ın Francisco.
Dinwiddie Constr Co., Crocker Bldg. ın Francisco.

ontract Awarded
LTERATIONS Cost, $2000
AN FRANCISCO. No. 235 Mont-gomery St., San Francisco.
rchitect—Not Given.
ontractor—A. G. J. Muller, 243 7th St., San Francisco.

eing Done By Day's Work.
LTERATIONS Cost, $2,500
RESNO, Fresno Co., Calif. Fulton and Tulare Streets.
lterations to offices (partitions, etc.)
wner—T. W. Patterson Building.
Lessee—Shell Oil Co., Shell Bldg., San Francisco.
Plans by Engineering Dept. of Owner. Work will be done by force account under the supervision of the lessee.

Additional Sub-Contracts Awarded.
ALTERATIONS Cont. Proco, $14,799
ALTERATIONS Cont. Price, $14,799
Alterations and repairs to building
Owner—The Misses Barbara and May Bridges and Mrs. Marjorie Bridges Farquhar.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor — Dinwiddie Construction Co., Crocker Bldg., S. F.
Glass—W. P. Fuller & Co., 301 Mis-sion Street.
Metal Partitions—Dwan & Co., 126 Post Street.
Tile—Art Tile & Mantel Works, 211 Oak Street.
Sheet Metal—Morrison & Co., 74 Du-boce Avenue.
Wood Floors — Western Hardwood Floor Co., 425 Bosworth St.
As previously reported, structural steel awarded to Judson Pacific Co., 609 Mission St.; heating to E. Sugar-man, 3624 Geary St.; plumbing to J. E. O'Mara, 2720 McAllister St.; plaster-ing to Jas. F. Smith 271 Minna St.; mill work to Davis Hardwood Co., Bay and Mason Streets.

Plans Being Figured.
OFFICE BLDG. Cost, $6,000
SAN FRANCISCO. Bayshore Blvd.
One - story frame and stucco office building (flat roof, wood floors)
Owner—Bodinson Mfg. Co., 2401 Bay-shore Blvd.
Architect—W. H. Weeks, 525 Market.

Contract Awarded.
STORE Cost, $8500
OAKLAND, Alameda Co., Cal. North Grand Ave. 140 E Perkins Street.
One - story reinforced concrete store building.
Owner—A. C. Oppenheimer, 700 Grand Ave., Alameda.
Architect—Kent and Hass, 525 Market St., San Francisco.
Lessee—Hagstrom Food Stores, Inc., Oakland.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Contract Awarded.
STORE Cost, $——
RIVERBANK, Stanislaus Co., Calif. Santa Fe Street.
One-story brick store building (25x50)
Owner—O. E. MacDonald, Riverbank.
Architect—Not Given.
Contractor — Jack Robertson, River-bank.

Plans Being Prepared.
ADDITION Cost, $——
PALO ALTO, Santa Clara Co., Calif. 355 University Avenue.
Addition to department store (add new drug store, etc.)
Owner—G. B. Walster, 355 University Ave., Palo Alto.
Architect—Henry C. Collins, Decker-oak Bldg., Palo Alto.

Plans Being Prepared.
ALTERATIONS Cost, $25,000
SAN FRANCISCO. Kearny Street at Maiden Lane.
Alterations to department store bldg.
Owner—Weinstein Co. (Isador Wein-stein, president).
Architect—Hyman & Appleton, 68 Post Street.
Bids will be asked in about 30 days.

LOW BIDDER
SANTA BARBARA, Cal. — Nels Oakeson, 3137 Calle Fresno, Santa Barbara, submitted low bid to Santa Barbara County Supervisors at ap-proximately $22,000, for remodeling a building at 112 W. Cabrillo Blvd., Santa Barbara. The low bid was held under advisement. The building, the former Ambassador ballroom, is to be converted into a Veterans' Memorial building. Windsor Soule and John Frederic Murphy, 116 E. Sola Street, Santa Barbara, Architects.

Low Bidders.
ALTERATIONS Cost, $——
SAN FRANCISCO. 955 Market St.
Alterations to Hewes Bldg. (work in-volves plastering in lobbies, all terrazzo floors, etc.)
Owner—California Western State Life Insurance Co., care architect.
Architect—Hertzka & Knowles (W. S. Hertzka, architect) 982 Bryant.
Plastering—Geo. MacGruer, 266 Te-hama Street.
Terrazzo Refinishing—California Ter-razzo Co., 2085 San Bruno Ave.
Linlie Floors (in main lobby only)—Van Fleet Freear Co., 557 Howard.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN ANSELMO, Marin Co., Calif.
Alterations to garage (offices, etc.) plate glass display windows, etc.
Owner—Henry Schlosser Company.
Architect—Carl Gromme, Masonic Bldg., San Rafael.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. NW Powell and O'Farrell Streets.
Alterations to store building.
Owner—Frank C. Stevenson, Prem
Architect—Not Given.
Lessee — Brunswick Balke Collender Co., 980 Mission St., San Fran-cisco.

Plans Being Prepared.
TELEPHONE BLDG. Cost, $100,000
WALLA WALLA, Washington.
Two-story and basement Class A steel frame, fireproof telephone build-ing (cable vault below portion of first floor).
Owner — Pacific Telephone and Tel-egraph Company.
Architect—A. H. Albertson and Joseph W. Wilson and Paul Richardson, Northern Life Tower, Seattle, Washington.
Installation of equipment will cost approximately $300,000.

Sub-Contracts Awarded.
ADDITION Cost, $30,000
SAN FRANCISCO. W Sansome 114 N Vallejo Street.
One- and two-story loft building (re-inforced concrete construction).
Owner—Sunset Press, 1045 Sansome.
Engineer—T. Ronneberg, Crocker Building.
Contractor—Cahill Bros., 206 Sansome.
Elevator—Westinghouse Elec. Eleva-tor Co., 1 Montgomery Street.
Plumbing, Heating and Sprinklers—James H. Pinkerton, 927 Howard.
Electric Wiring—Alta Electric & Me-chanical Co., 467 O'Farrell St.
Steel Forms — Steelform Contracting Co., 131 Perry St.
Lumber—Loop Lbr. Co., Central Basin.
Reinforcing Steel—Soule Steel Co. 1750 Army Street.

Construction To Start Immediately.
ALTERATIONS Cost, $25,00
STOCKTON, San Joaquin Co., Calif. No. 417 Main Street.
Alterations to store bldg. (new dis-play windows, partition work, etc.)
Owner—Hickinbotham Brothers.
Architect—Bernard J. Joseph, 74 Nev Montgomery St., San Francisco.
Mgr. of Constr.—Frank Eyre, 735 S Sutter St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $3000
STOCKTON, San Joaquin Co., Calif. No. 348 No. El Dorado Street.
Remodel store building.
Owner—Anna C. and Albino Milco, 807 No. El Dorado St., Stockton.
Architect—Not Given.
Contractor—J. C. Nunley, 744 Yale St., Stockton.

Sub-Contracts Awarded.
STORE Cost, $6056
OAKLAND, Alameda Co., Calif. East 14th Street and First Avenue.
One-story frame store building.
Owner—Nettl Webb Ponpaye.
Architect—Arthur H. Hemmler.
Contractor — Albert A. Haskell, 255 Ridgeway, Oakland.
Roofing—City Cornice Co., San Pablo Ave., Oakland.
Concrete—Nat Lena, 19th St., Oakland.
Wood Sash—Loop Lumber Co., Alameda.
Steel Sash — Michel and Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Sheet Metal—City Cornice Co., San Pablo Ave., Oakland,
Glass—W. P. Fuler & Co., Tenth and Alice Sts., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Hardware—Maxwell Hdwe. Co., 14th and Washington Sts., Oakland.
Lathing and Plastering—Frank Clausen, 3124 Chestnut St., Oakland.
Grading—J. Catucci, E 12th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. 11 Mason Street.
Alterations to restaurant.
Owner—Arnold Haase, Oxford Hotel, Turk and Mason Streets.
Architect—Williams and Grimes, 251 Post Street.
Engineer—W. Adrian, 417 Market St.
Contractor—Walter Mfg. Co., 5875 Mission Street.
Electrical contract will be awarded within a few days.

Contract Awarded.
STORE Cost, $28,621.50
SAN FRANCISCO. Sixteenth Street near Mission.
Two-story, basement and mezzanine floor Class A store and office bldg. (asphalt and gravel roofing, steam heating system, steel sash, tile work, etc.)
Owner—Wm. F. Schosser.
Architect—J. E. Krafft & Sons, Architects and Engineers, Phelan Building.
Contractor—H. L. Petersen, 731 Treat Avenue.
Heating—E. A. Cornely, Inc., 1452 Bush Street.
General contract includes carpentry, mill work, lathing and plastering, sheet metal, glass, tile, painting and hardware.

Contract Awarded.
ALTERATIONS Cont. Price, $7580
SAN FRANCISCO. No. 215-221-229 Golden Gate Avenue.
Alterations to offices (film vaults Sprinkler system, etc.)
Owner—Warner Bros., Inc., Premises.
Architect — Albert Schroepfer, 211 Kearny St., San Francisco.
Contractor—Wm. Martin, 666 Mission St., San Francisco.

Sub-Contracts Awarded.
STORE Cost, $10,000
VACAVILLE, Solano Co., Calif.
One-story concrete store bldg. (metal windows, composition roofing etc.)
Owner—Solano County Grocery Co.
Architect—Albert Roller, Crocker First National Bank Bldg., San Francisco.
Contractor—David Paganini, 519 California St., San Francisco.
Structural Steel — W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Lumber—Diamond Match Co., Vacaville.

17— THEATRES

CONSTRUCTION STARTED
WESTWOOD, Los Angeles Co., Cal. —The SERA has started work on the construction of an open air theatre at the University of California at Los Angeles. The work will consist principally of grading and excavating, cement work, etc. The structure will have a seating capacity of 12,600 persons and will be of concrete construction, concrete slab floor, wood and iron seats, etc. The SERA has appropriated $204,000 for the work. Allison & Allison, 1014 Edison Bldg., Los Angeles, Architects.

Plans To Be Refigured.
ALTER THEATRE Cost, $75,000
SALINAS, Monterey Co., Calif.
Alteration and addition to Fox Theatre (new projection room, remodel interior, new seats, carpets, furnishing, painting, decorating, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be re-figured by Salih Bros., 25 Taylor St., San Francisco, and Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont, low bidders.

18—WHARVES & DOCKS

Sub-Contracts Awarded.
APRON Cont. Price, $18,741
SAN FRANCISCO. Pier No. 43.
New car ferry apron at Pier No. 43 (steel construction to replace the present apron).
Owner — State of California (Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor—Louis C. Dunn, Monadnock Building.
Castings & Forgings—Enterprise Foundry, 2902 19th Street.
Lumber—San Francisco Lumber Co., Beach and Powell Streets.
As previously reported, structural steel awarded to Ingals Iron Works, Encinal Ave., Alameda.
Other awards will be made within ten days.

BID OPENING DATE POSTPONED
OAKLAND, Alameda Co., Cal.—Until May 27, 4:30 P. M. (date postponed from May 20) bids will be received by City of Oakland Port Commission for rebuilding of the Seventh Street Unit at Outer Harbor Terminal, Oakland. Work involves 720 linear feet of apron wharf.
Plans and specifications may be obtained from above office upon deposit of $10.

19—MISC. CONSTRUCTION

BIDS WANTED
PORTLAND, Ore.—Until May 17, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, Major C. F. Williams District Engineer, under Bid No. 698-35-616, for drydocking, painting and repairing the U. S. Dredges "Multnomah" and "Wahklakum" and certain attendant plant.
Specifications obtainable from above office.

Preparing Plans.
HOTEL Cost, $—
COALINGA, Fresno Co., Calif.
Two-story Class C hotel building (4 guest rooms, cafe, store rooms etc.) concrete walls, air conditioning system, refrigeration, etc., to replace structure recently destroyed by fire.
Owner—George Clark, Atascadero.
Architect—A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles.

PLANNED
PALO ALTO, Santa Clara Co., Cal. —City of Palo Alto is considering installing a sprinkler system in the new Civic Theatre in Palo Alto. The total cost is estimated at $2,926.
Further details will be announced when the financing arrangements are completed.

Planned.
OBSERVATORY Cost, $—
SACRAMENTO, Sacramento Co., Cal. Sacramento Junior College Campus.
Astronomical observatory.
Owner—Sacramento Junior College.
Architect—Not Given.
Application has been filed with the SERA to furnish labor.

Plans Being Figured—Bids Close May 22, 12 Noon.
CONVENIENCE STA. Cost, $—
SAN FRANCISCO. Lands End.
One-story reinforced concrete convenience station.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park.
Architect—George Kelham, 315 Montgomery Street.
Plans and specifications may be obtained from the architect upon deposit of $25.00.
On previous bid opening lowest bid was submitted by the Board of Park Commissioners at $4,675.

Contract Awarded.
LABORATORY Cost, $40
BERKELEY, Alameda Co., Cal. N 2545 Fourth Street.
One-story laboratory.
Owner — The Cutter Laboratories Premises.
Architect—Theo. Ruegg, 1515 Tyler St., Berkeley.
Contractor—F. J. Satten, 2925 Hillegass St., Berkeley.

To Be Done By Day's Work.
GRANDSTAND Cost, $10,0
SAN JOSE, Santa Clara Co., Cal Willow and Mastic Streets.
New grandstand.
Owner—San Jose Recreation Commission, San Jose.
Architect—Not Given.

Plans Completed.
NATATORIUM Cost, $75,
HAYWARD, Alameda Co., Cal. H ward Memorial Park.
Reinforced concrete natatorium (60 wide, 33½ meters long; childre pool, 60x60 ft.); tile scum gutte
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st Richmond, and Geo. P. Simor 192 Main St., Hayward.
Structural Engineer — Walter Hut Crocker First National Bank Bl San Francisco.
Mechanical Engineer—Leland & I ley, 58 Sutter St., San Francis

BIDS OPENED
ALAMEDA COUNTY, Cal.—Following are high bids received by J. Skeggs, District Engineer, Department of Public Works, Division of Highways, 500 Sansome Street, San Francisco, for the sale of vari

buildings located in Oakland and Berkeley:

Item C-26: 814 Murray Street, Berkeley. Seven-room two-story frame dwelling with 1460 sq. ft. floor space. Sheds 260 sq. ft. Available June 1. Earl Horton, $30.50.

Item C-33: 887-889 Murray Street, Berkeley. Six-room two-story frame dwelling with 2000 sq. ft. floor space. Available June 1. Atalick Bros., $55.

Item C-37: 905 Murray Street, Berkeley. Eight-room two-story frame dwelling with 1870 sq. ft. floor space. Available June 1. Atalick Bros., $35.

Item C-39: 3000 Ninth St., Berkeley. Twelve-room 2-story and basement frame school with 10,000 sq. ft. floor space. Sheds 800 sq. ft. Available July 1. Atalick Bros., $165

Item A-259: 1892 12th St., Oakland. Five-room stucco frame dwelling with garage underneath, with 1020 sq. ft. floor space. Available June 1. Symon Bros., $125.

Item Moss 56: 525 36th St., Oakland. Five-room stucco frame dwelling with 1230 sq. ft. floor space. Detached garage not included in this sale. Available June 20. Joe Villa, $603.

Item Moss 57: 519 38th St., Oakland. Five-room stucco frame dwelling. Andre Moglia, $618.

Item Moss 58: 513 38th St., Oakland. Five-room stucco frame dwelling with 1230 sq. ft. floor space. Detached garage not included in this sale. Available June 20. Andre Moglia, $618.

Item Moss 68: 476 Moss Ave., Oakland. Eight-room, two-story frame dwelling with 1800 sq. ft. floor space. Available June 15. M. Walker, $175.

Item Moss 69: 475-477 Moss Avenue, Oakland. Ten-room two-story frame dwelling with 2080 sq. ft. floor space. Available June 20. Earl Horton, $76.

Item Moss 71: 471 Moss Avenue, Oakland. Fourteen-room two-story frame dwelling with 2900 sq. ft. floor space. Available June 20. Dr. L. Walter, $300.

Item Moss 73: 465 Moss Ave., Oakland. Eight-room two-story frame dwelling with 2100 sq. ft. floor space. Detached garage not included in this sale. Available June 20. Patrick Gaynor, $201.

Item Moss 83A: 433 Moss Ave., Oakland. Five-room stucco frame dwelling with 1100 sq. ft. floor space. Available May 15. Patrick Gaynor, $236.

Item Moss 83B: 429 Moss Ave., Oakland. Five-room stucco frame dwelling with 1350 sq. ft. floor space. Detached garage not included in this sale. Available May 15. Anna Pedemonte $180.

Item Moss 87: 419 Moss Ave, Oakland. Twelve-room two-story frame dwelling with 2840 sq ft. floor space. Available June 1. C. F. Roberts, $77.

Bids held under advisement

Commissioned To Prepare Plans.

EXPOSITION BLDGS. Cost, $——

YERBA BUENA SHOALS, San Francisco Bay.

Exposition buildings.

Owner—San Francisco Bay Exposition 818 Financial Center Bldg., San Francisco (Leland W. Cutler is president).

Architect—W. P. Day, Financial Center Bldg., San Francisco.

Kenneth R. Kingsbury is the Director of Finance.

CONTEMPLATED

ONTARIO, San Bernardino Co., Cal. —E. R. Bradley, exchange manager, Associated Telephone Co., Ltd., has announced the company will change over its telephone equipment in Ontario and Upland to the dial system, the change involving an expenditure of $150,000. The cable will require over 3,000,000 ft. of copper wire and cable laid in vitrified tile conduits. A new building on D St., Ontario, is being built to house the new equipment.

20—MISC. SUPPLIES AND MATERIALS

BIDS REJECTED

SAN FRANCISCO.—H. M. Shauzer at $2,010 submitted the only bid, which was rejected by T. A. Brooks, Purchaser of Supplies, City Hall, May 10, under Sale No. 125, for the sale of miscellaneous equipment, supplies and materials from the Hetch Hetchy Project. Items offered for sale include miscellaneous electrical and plumbing equipment and materials; automobiles, trucks and parts; Hetch Hetchy railroad equipment and supplies, etc.

CONTRACT AWARDED

SAN FRANCISCO. — Van Arsdale-Harris Lumber Co., Fifth and Brannan Sts., at $15 per M. off list price, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1345 for furnishing Spruce lumber.

BIDS OPENED

ALTURAS, Modoc Co., Calif.—Following bids received by the Department of Agriculture, Division of Purchase, Sales & Traffic, Washington, D. C., May 3, under Proposal No. 874, for furnishing 1,490 telephone poles:

(1) fob works; (2) delivered.

B. J. Carney & Co., Minneapolis: (1) $3,141.50; (2) $4,646.50.

J. H. Baxter & Co., San Francisco: (1) $3,377.50.

L. D. McFarland Co., Milwaukee: (1) $3,276.10; (2) $4,083.70.

Cook Cedar Co., St. Maries, Ida.: (1) $2,913; (2) $4,277.83.

Page & Hill, Minneapolis: (1) $3,-636.20.

S. H. Swanson, White Pine, Mont.: (1) $3,136.50.

National Pole & Treating Co., Minneapolis: (1) $4,580.50; (2) $5,929.

Michigan Pole & Pine Co., Newberry, Mich.: (1) $3,350.50; (2) $5,310.

Fox Lumber Co., Portland: (1) $2,-915.50; (2) $4,492.50.

Sullivan Lumber Co., Portland: (1) $3,737.50; (2) $4,529.50; 2%.

Hitchner & Hitchner, Sand Point, Ida.: (1) $2,808.50 and add $107.50; (2) $4,492.50.

Schaefer-Hitchock Co., Sand Point, Ida.: (1) $3,000; (2) $4,353.50.

Neidermeyer Martin Lumber Co., Portland: (1) $3,750; 2%.

Naugle Pole & Tie Co., Chicago: (1) $2,280.

Nebraska Bridge & Supply Co., Omaha: (1) $3,367.50; (2) $4,821.50; 2%.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO—Dalziel Moller Co., 1666 Mission St., at $6.05 per 100 ft., total $3025, 2% 10 days on mill value, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1356, for furnishing 50,-000 lin. ft. ¾-in. standard wrought steel galvanized water pipe.

CONTRACTS AWARDED

SAN FRANCISCO.—Mendelson and Bauer, at $167.50 submitted high bid and awarded contract under Sale No. 126, Lot 1, for 1,520 school desks; and the Standard Iron Metal Yards, at $80.50 submitted high bid and awarded contract under Sale No. 126, Lot 2, for scrap materials. The bids were opened by T. A. Brooks, Purchaser of Supplies, City Hall, May 10.

CONTRACT AWARDED

BOULDER CITY, Nev.—Associated Piping & Engineering Co., 1915 East 51st St., Los Angeles, at $22,638 was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 677-D, for furnishing special drainage fittings, drainpipe leaders and welded fittings, one header with branches for the Arizona wing and one header with branches for the Nevada wing, consisting of welded plate-steel pipes with flange coupling bolts, gaskets and blind flanges, for the roof drainage system for the Boulder Power Plant.

Delivery fob Los Angeles.

BIDS OPENED

LOS ANGELES, Cal.—The following firms submitted identical bids to D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, May 13, at $.1195 lb., for furnishing 90,000 lbs. black copper rod f.o.b. department's warehouse, Slauson Ave. and Long Beach Blvd., under Specification No. 1659. The bidders were:

John A. Roebling's Sons Co. of California, Anaconda Wire & Cable Co. of California, Phelps-Dodge Copper Products Co. and General Cable Corp. Terms net.

BIDS OPENED

LOS ANGELES, Cal.—The following firms submitted identical bids, May 13, to D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing lead covered paper insulated cable, f.o.b. cars or trucks, 257 E. 3rd St., under Specification No. 1662, as follows:

(1) 10,000 ft. 500,000 CM. 5000 volt, 3 conductor, lead covered, paper insulated cable;

(2) 10,000 ft. 500,000 CM, 5000 volt, 3 conductor, lead covered, paper insulated cable;

(3) 10,125 ft. 500,000 CM, 5000 volts, 3 conductor, lead covered, paper insulated cable;

(4) 21,000 ft. No. 4/0 AWG, 600 volt, one conductor, lead covered, paper insulated cable;

(5) 10,000 ft. No. 1/0 AWG, 600 volt, one conductor, lead covered paper insulated cable;

(6) 30,000 ft. No. 4 AWG, 600 volt, one conductor, lead covered, paper insulated cable;

(7) 20,000 ft. No. 6 AWG, 600 volt, conductor, lead covered, paper insulated cable.

The bidders were:

Oakniae Callender Co., John A. Roeblings Sons Co. of Calif.; General Electric Co., Habirshaw Cable & Wire Corp., Columbia Steel Corp., Anaconda Wire & Cable Corp., General Cable Corp., American Elec. Works.

The bids were:

(1) $1850, (2) $1850, (3) $1850, (4) $273, (5) $165, (6) $106, (7) $81; discount ½% 10 days.

CONTRACT AWARDED

OAKLAND, Calif.—U. S. Pipe and Foundry Corp., Monadnock Building, San Francisco, at $26,126 awarded the contract by the East Bay Municipal Utility District, under Proposal No. L. S. 144, for furnishing 20,900 l.f. of cast iron pipe.

CONTRACT AWARDED

PETALUMA, Sonoma Co., Calif.—Westinghouse Electric Supply Co., 260 Fifth St., San Francisco, at $0.193 per l.f., discount ½ of 1%, 10 days, delivery in 35 days, awarded contract by the Petaluma City Council, Gladys V. Roberts, City Clerk, for furnishing approximately 3,000 l.f. No. 8 B&S gauge Hazard 3500-volt cable, solid single conductor, rubber covered and lead encased, to be used in the widening of Main Street from the south side of Washington Street to points on the east and west sides of Main

Street near its intersection with 3rd Street.

Complete bids follow:

Westinghouse Electric Supply Co., San Francisco: $0.103 pe l.f.; ½ of 1%, 10 days; delivery in 35 days.

Lavenson & Savasta, San Francisco: $0.103 per l.f.; ½ of 1% 10 days; delivery in 45 days.

John A. Roeblings' Sons Co., S. F.: $0.103 per l.f.; ½ of 1%, 10 days; delivery in 45 days.

Crescent Electric Co., San Francisco $0.0911 aver. wall lead; delivery in 26 days.

Cline Electric Co., Petaluma: $0.115 per l.f.; delivery in 26 days.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Rm. 740, 207 S. Broadway, May 9, for furnishing tunnel steel I-beam sets under Specifications No. 1673. The items were:

(1) for furnishing and delivering 1000 tunnel steel I-beam sets complete, including all necessary bolts, f.o.b. department's trucks at bidder's fabricating plant for a price per set of:

(1a) 500 sets f.o.b. department's West Portal Camp at a price per set;

(1b) 500 sets f.o. b. department's East Portal Camp at a price per set;

(2) Total.

The bidders were:

(A) Youngstown Steel Car Corp. — Discount, 1% 20 days. Fabricating plant location, Niles, Ohio. Shipping weight, $34,200.

(B) Pacific Iron & Steel Co., Ltd.—Terms net. Fabricating plant location, Los Angeles. Shipping weight 34,315 lbs.

(C) Consolidated Steel Corp., Ltd.—Terms net. Fabricating plant location, Los Angeles. Shipping weight, 34,000 lbs.

(D) Commercial Sheaving & Stamping Co.—Discount, ½ of 1% 20 days. Fabricating plant location, Youngstown. Shipping weight, 33,600 lbs.

The bids were:

	(1)	(1a)	1b)	(2)
(A).....	$....	$14.59	$14.59	$14,590.00
(B).....	13.50	14.88	14.88	14,880.00
(C).....	12.80	14.12	14.12	14,120.00
(D).....	8.30	....	....	8,300.00

BIDS OPENED

OAKLAND, Cal.—Following bids received by the East Bay Municipal Utility District, John S. Kimball, Secretary, Oakland, under Proposal No. L. S. 146, for furnishing 2,913 cast iron bell and spigot water pipe fittings in sizes 4- to 20-in.

(1) elbows;
(2) tees and crosses;
(3) sleeves, nipples and plugs;
(4) reducers and covers.

The bids were:

Vernon Foundry Co.: lump sum bid, $10,149.74.

American Cast Iron Pipe Co.: (1) and (2) no bid; (3) $1,682.30; (4) $2,-108.25.

United Iron Works: (1) $1,861.66; (2) $4,759.19; (3) $1,688.30; (4) $2,-198.95; total, $10,507.95; if awarded the complete job, lump sum bid, $10,400.

Phoenix Iron Works: (1) $1,847.19; (2) $5,650.98; (3) $1,598.42; (4) $2,-267.30; total, $11,363.89; if awarded the complete job, lump sum bid, $11,-072.50.

Santa Fe Foundry: (1) $2,178.10; (2) $5,301.61; (3) $1,891.80; (4) $2,424.20; total, $11,795.72.

U. S. Pipe & Foundry: (1) and (2) no bid; (3) $1,439.50; (4) no bid.

Bids held under advisement.

TO ASK BIDS

SACRAMENTO, Cal.—City Council plans the installation of traffic lights at 16th and Y Streets, at an estimated cost of $1,400. H. H. Jaqueth is city traffic engineer.

Bids will be asked in about 2 weeks.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif. — Trojan Powder Co., Crocker Bldg., San Francisco, awarded contract by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 2412, for furnishing 25 cars of dynamite, each to contain not less than 20,000 lbs.

BIDS OPENED

WASHINGTON, D. C.—The following bids received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., May 7, under Schedule No. 4801, for furnishing 8,000,000 barrels of fuel oil and Diesel oil for the West Coast:

Texas Oil Co. of California, Los Angeles, delivery at Los Angeles; for 500,000 barrels.: $0.874; $0.894; $0.914; $0.934.

General Petroleum Corp., Los Angeles, delivery at San Pedro: 750,000 barrels, $0.878; 250,000 bbls., $0.908.

Rio Grande Oil Co., Los Angeles, delivery at Channel No. 2, Long Beach 800,000 barrels, $0.925.

Sunset Oil Co., delivered at Channel No. 2, Long Beach: 500,000 bbls., $0.925.

Hancock Oil Co. of California, Long Beach, delivered at Slip No. 1, Wilmington: 500,000 barrels, $0.925.

Union Oil Co. of Calif., Los Angeles, delivered at berth 215, Terminal Island, Los Angeles Harbor: 2,000,000 bbls., $0.938.

Petrol Oil Co., Los Angeles, delivered at berths 150 and 151, Los Angeles Harbor: 900,000 bbls., $0.94.

Richfield Oil Co. of Calif., Los Angeles, delivered at Long Beach Harbor: 350,000 barrels, $0.95.

Standard Oil Co. of California, San Francisco, delivered at San Pedro or Long Beach: 1,000,000 barrels, $0.95.

Shell Oil Co. of Calif., San Francisco delivered at San Pedro: 900,000 barrels, $0.95.

Associated Oil Co., San Francisco, delivered at Wilmington, $0.9275.

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . . it is highly decorative . . it is dampproof . . . . it economical

GUNN, CARLE & CO.

20 Potrero Ave. UNderhill 5480 San Francisco

Atlas Economy Gas Fuel Circulating System of Warm Air Heating

The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-557 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

SAN FRANCISCO.—Until May 28, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC 2772 Truck, Fageol, 3½ yard, hydraulic dump, pneumatic tires, Mod. 445—1928.

CHC 3595 Truck, Fageol 1½-2-ton chassis, pneumatic tires, Model. 135—1930.

The above equipment may be inspected at the Division of Highways' Yards at 1045 Derby Ave., Fruitvale, Oakland.

One only Well Drilling Rig, consisting of one 2-cyl. 12-h.p. standard gas engine, hoist, drums and gears and "A" frame all mounted on a wooden chassis with two steel tired wheels in rear, together with an assortment of drill tools for drilling an 8-in. diameter well. This may be inspected at the Highways' Maintenance Yard in Hayward.

One only Wedgewood coal and wood Range No. 124 with warming oven at back of range and 1-in. water back; top 43x45-in., fire box 12x13x21-in.; oven 24x24x16-in. high; three bids over fire box. This may be inspected at the Highways' Maintenance Station at Boulder Creek.

One lot, approximately 2858, 5-gal. empty paint buckets; these buckets may be inspected at the Division of Highways' Yards situated at the following places and are distributed approximately as listed below: Petaluma, 332; Burlingame, 1250; San Jose 23; San Rafael, 125; Gilroy, 80; Napa, 60; Hayward, 450; Pacheco, 20; Geyserville, 150; Rodeo, 350; Watsonville, 18.

The above equipment may be inspected at the Division of Highways' Yards as shown above on any working day between the hours of 8:30 A M. and 4:30 P. M

SACRAMENTO, Cal.—Until May 28, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, Division of Highways, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 3710—Truck, Moreland, two-ton chassis, Model R.R. 7-1931;

CHC 157—Grader-Tractor, Austin McCormick - Deering, dual drive, pneumatic dual tired, 10-ft. blade, front scarifier;

CHC 150—Kettle, asphalt, Alco 65-gal. with geared hand pump, two wheels, S.R.T.;

CHC 156—Kettle, asphalt, Spearwell, 110-gal. with geared hand pump, two wheels, S.R.T.;

CHC 176—Kettle, asphalt, Alco, 75-gal. with geared hand pump, two wheels, S.R.T.;

CHC 177—Kettle, asphalt, Alco 75-gal. with geared hand pump, two wheels, S.R.T.;

CHC 191—Kettle, asphalt, Chausser, 110-gal. with geared hand pump, Mod. F2, two wheels, S.R.T.;

CHC 57 — Mowing Machine, McCormick-Deering Big Six 5-ft. sickle.

CHC 72 — Mowing Machine, McCormick-Deering Big Six 5-ft. sickle.

CHC 56—Roller, Acme, Gas, 6-ton., 3-wheel, with scarifier.

The above equipment may be inspected at the Division of Highways Yard at 1805 34th St., Sacramento, on any working day between hours of 8 A. M. and 4:30 P. M., except Kettles CHC 150 and 156, also Mowers CHC 57 and 72, which may be seen at 1144 S. Wilson Way, Stockton.

WAR DEPARTMENT

BONNEVILLE DAM, Oregon—Until May 31, 3 P. M., bids will be received by the U. S. Engineer Office, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694-35-9, for furnishing Portland Puzzolan cement for the construction of the main spillway dam and appurtenant structures of the Bonneville Power-Navigation Project

Bids will be taken as follows:

(1) 660,000 barrels of Portland Puzzolan cement in bulk

(2) 5,000 barrels do in paper sacks.

The contractor may furnish the cement from not more than two mills. In case the cement contractor furnishes cement from two mills, he shall either:

(1) Provide at North Bonneville, adjacent to the cement unloading tracks, suitable silos for the storage of unblended cement, one silo of 4,000 barrels capacity for the product of each mill; also proper blending and conveying machinery. He shall, throughout the life of this contract, receive the unblended cement from the receiving silos where it will have been placed by the contractor engaged in constructing the main spillway dam, blend same in the proportions stated below, and deliver the homogeneous product to silos provided by the main spillway dam contractor;

(2) Pay the United States ten cents (10c) per barrel, being the estimated cost to the United States of having the blending operation performed by the main spillway dam contractor, or

(3) Properly blend the cement from two mills at some place other than North Bonneville, Wash. The cement shall be blended in the proportions stated and delivered to the United States fob railroad cars, contractor's railroad shipping point. The cost of blending under options (1) or (3) shall be paid by the contractor and included in his bid price.

In case the cement contractor proposes to furnish cement from two mills under option (1) or (3) above, the cement furnished at the storage silos provided by the main spillway dam contractor under option (1), or the cement furnished fob railroad cars at contractor's railroad shipping point under option (3) shall be a homogeneous product resulting from properly blending the cement from the two mills in the same proportions as stated in the bid to be furnished from said mills. A tolerance of not to exceed five per cent will be permitted in the blended product.

Quotations are requested fob cars at North Bonneville, Wash. However, shipments will be made from bidder's shipping point to North Bonneville on Government bills of lading. The cost of such equipment will be paid by the United States and will be deducted from the price bid. The resulting price fob cars at bidder's shipping point will be the invoice price to the Government.

Specifications obtainable from above office

SAN FRANCISCO—Until May 22, 10 A. M., date postponed from May 15, 10. A. M., previously reported, bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-35-14, for furnishing and installing one steam turbine for present 200 K.W., D. C. generator in the power plant at Letterman General Hospital, Presidio of San Francisco.

Specifications obtainable from above office.

FORT MASON, Cal.—Until May 23, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-35-261, Rep. No. QM 388-161-35A, Memo. 6580, for furnishing 1000 lbs. jute twine; 1000 packing boxes; 40,000 lbs. excelsior; 40,000 excelsior pads; 20,000 lin. yds. jute burlap, etc.

Specifications obtainable from above office.

Berkeley School District

BERKELEY, Alameda Co., Calif.—Until May 29, 4 P. M., bids will be received by Clark F. Andrews, Secretary, Berkeley Board of Education, for furnishing paint materials and paper towels to the Berkeley School District.

Specifictions may be obtained from the Secretary, Room 203, Administration Building, 2325 Milvia St., Berkeley.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until June 4, 2:00 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing frequency changers under Spec. No. 1676.

BERKELEY CITY

BERKELEY, Alameda Co., Cal.—Until May 28, 10 A. M., bids will be received by the Berkeley City Council, City Hall, for furnishing 1000 tons of emulsified asphalt. Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until May 20, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, as follows:

BID No. 2460, f.o.b. Los Angeles: (1) 570 ft. C.M.P. culvert; (2) 18 band couplings.

BID No. 2461, f.o.b. bidder's shipping point and/or Porterville: 100 an-

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until May 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 622 for furnishing 2,000 barrels of Portland cement, high early strength.

Specifications obtainable from above office.

OAKLAND, Cal.—Until May 22, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Proposal L. S. 147, for furnishing 120,000 feet of 4- 6- 8- 12- and 20-in. diam. cast iron pipe.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

DOWNIEVILLE, Sierra Co., Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $1,975 plus $25 additional for painting, awarded the contract by the Sierra County Board of Supervisors, Downieville, for furnishing and erecting an 80-ft. steel truss span bridge across the North Fork of the North Fork of the Yuba River at Downieville.

The otber bids were:

Moore Dry Dock Co., Oakland: $2,-179; plus $50 additional for painting.

The bid of the Judson Pacific Co., San Francisco, at $1,853, plus $50 additional for painting, was received too late to be considered.

CONTRACT AWARDED

PIERCE COUNTY, Wash. — Joseph Warter, Sr., 631 N. Fife, Tacoma, at $87,813 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, draining and paving with Portland cement concrete and constructing an undercrossing under the Northern Pacific Railway on about 0.4 mile of State Road No. 1, Lakeview Undercrossing, U.S.P.W. Project NRH 171-G, in Pierce County.

The other bids were:

Warren - Northwest, Inc., Portland, $92,714.

L. Coluccio & Co., Tacoma, $94,965.

Paine & Gallucci, Tacoma, $101,294.

Macri & Steffensen, Seattle, $103,-751.

Elliott & Co., Inc., Seattle, $104,597.

Acme Const. Co., Seattle, $109,185.

Guthrie - McDougall Co., Portland, $109,814.

Lidal Const. Co., Seattle, $109,901.

D. Nygen, Seattle, $115,487.

MacRae Bros., Seattle, $118,065.

Siems-Spokane Co., Spokane, $135,-289.

BIDS WANTED

CHELAN COUNTY, Wash. — Until May 28, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for grading, surfacing with crushed stone and constructing a reinforced concrete arch bridge 373.34 feet long over the Wenatchee River, on about 0.3 mile of State Road No. 15, Leavenworth vicinity, Federal Public Works Project No. 7176, in Chelan County. The work involves about 3 acres of clearing, 19,240 cubic yards of excavation, 1,-570 cubic yards of crushed stone surfacing on roadway from stockpiles, 980 lineal feet of cable guard rail, 1,-462 cubic yards of concrete, 160,000 lbs. of steel reinforcing bars, 120 lin. ft. of pipe culverts, and other items.

Plans and specifications obtainable from above office upon deposit of $2.

BONDS VOTED

SALINAS, Monterey Co., Cal.—A bond issue of $140,000 was authorized at a special election May 10, proceeds to be used in acquisition of right-of-way for an underpass separating railway and highway grades at the north entrance to the city. The vote was 2104 to 144. Underpass will be constructed by State Division of Highways at an estimated cost of $250,000.

CONTEMPLATED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Council has adopted plans and specifications prepared by City Engineer George A. Kneese, 2382 Broadway, Redwood City, for extensions to the Colma Creek Drainage Canal. Plans include highway bridges at Orange, Chestnut and Oak Aves.; a railroad bridge for the Southern Pacific Company, and six seepage canals in the California Water Service pumping area. Estimated cost, $190,000.

The ecity will probably apply for SERA aid in financing.

BIDS WANTED

SIERRA COUNTY, Cal.—Until June 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across the North Fork of the North Fork of Yuba River at Downieville, Sierra County, consisting of two 40-foot, two 31-foot and two 9-foot spans on concrete piers, and grading road approaches.

The work involves:

(1) 1.3 acres clearing and grubbing right-of-way;
(2) 210 M. gals. water;
(3) 8800 cu. yds. roadway excavation (unclass.);
(4) 1490 cu. yds. struc. excav.;
(5) 126,000 sta. yds. overhaul;
(6) 67,500 lbs. bar reinf. steel;
(7) 455 cu. yds. Class A Portland cement concrete (structure);
(8) 12 cu. yds. Class F Portland cement concrete (railing);
(9) 150 cu. yds. Class A Portland cement concrete (footing blocks);
(10) 62 lin. ft. 18-in. C.M.P.;
(11) 95 cu. yds. sacked conc. riprap;
(12) 1200 cu. yds. selected stone embankment;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until June 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two Redwood timber bridges in Monterey County, between 33 and 38 miles south of Monterey. One is to be across Pfeiffer Canyon, consisting of one 76-foot and one 57-foot deck truss span, and nine 19-foot trestle spans; and the ther is to be across Torre Canyon, consisting of one 126-foot deck truss span and approximately 288 feet of trestle spans.

The work involves:

(1) 1250 cu. yds. roadway excav.;
(2) 2150 cu. yds. struct. excav.;
(3) 635 cu. yds. Class A Portland cement concrete;
(4) 32,000 lbs. bar reinf. steel;
(5) 174,000 lbs. structural metal;
(6) 344 MFBM redwood timber, dense select, all heart struct. grade;
(7) 148 MFBM redwood timber, select, all heart, structural grade;
(8) 470 lin. ft. 8-in. CMP;
(9) 1 lot bridge drainage equipment;
(10) 1 lot misc. items of work.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Silveria & Robbins, Inc., and J. P. Immel, P. O. Box 902, 45 S California St., Ventura, at $17,850 awarded contract by State Highway Commission, Sacramento, for constructing a reinforced concrete girder bridge across Calleguas Creek, about 2½ miles south of Camarillo in Ventura County, consisting of one 40-ft. span and two 35-ft. spans on concrete bents and abutments.

May 15, 1935

CONTRACT AWARDED

LOS ANGELES, COUNTY, Cal.—Bodenhamer Constr. Co. and Silveria & Robbins, Inc., P. O. Box 67, Oakland, at $72,166 awarded contract by the State Highway Commission, Sacramento, for construction of a bridge 301 ft. in length across Arroyo de Los Posos and the Pacific Electric Railway Company tracks at Marengo St. in Los Angeles, consisting of reinforced concrete girder spans on reinforced concrete abutments and piers.

BIDS OPENED

MENDOCINO COUNTY, Calif. — C. W. Caletti & Co., P. O. Box 243, San Rafael, at $148,980 submitted low bid to the State Highway Commission, Sacramento, for the construction of two timber bridges with concrete decks and about 0.7 mile of grading and surfacing with creek run gravel base and road mix surfacing at Red Mountain Creek and McCoy Creek in Mendocino County.

The work involves:

(1) 1 lot moving private improvements;
(2) 0.15 mile moving and resetting fences;
(3) 1 only removing timber bridge;
(4) 8.5 acres clearing and grubbing right of way;
(5) 595 M. gallons water;
(6) 96,800 c.y. rdwy. excav., unclass.
(7) 1,550 c.y. struc. excav.;
(8) 150 c.y. ditch and channel excav.
(9) 196,000 station yards overhaul;
(10) 32 stations finishing rdwy.;
(11) 675 c.y. untreated screened gravel (surfacing);
(12) 4,400 c.y. creek run gravel base;
(13) 800 c.y. mineral aggregate (road mix surfacing);

CAPITAL CITY TITLE COMPANY

J. C. PALEN.
Manager

914 Seventh Street
Sacramento :: California

4) 75 tons liquid asphalt ROMC 4 (road mix surfacing);
5) 50 c.y. stone screenings (seal coat);
6) 6 tons liquid asphalt RCMC 3 (seal coat);
7) 20 tons liquid asphalt SC-2 (prime coat and shoulders);
8) 65,600 lbs. bar reinf. steel;
9) 122 c.y. Class A Portland cement concrete (footing blocks);
0) 216 c.y. do (structures);
1) 430 c.y. do (bridge deck);
2) 173 MFBM redwood timber, dense select, all-heart structural grad
3) 151 MFBM do, select, all-heart, structural grade;
4) 1,486 l.f. timber (bridge railing).
5) 700 l.f. 36-in. virgin logs;
6) 2,000 l.f. 12-in. virgin logs;
7) 84,000 lbs. structural metal;
8) 1 lot misc. bridge items;
9) 130 l.f. 8-in. CMP;
0) 76 l.f. 12-in. CMP;
1) 190 l.f. 18-in. CMP;
2) 5 spillway assemblies;
3) 400 l.f. 8-in. perf. metal pipe underdrains;
4) 85 c.y. rock backfill (underdrains)
5) 6 each culvert markers;
6) 24 each guide posts;
7) 20 each monuments complete in place.

Total bids follow.

A) C. W. Caletti & Co., San Rafael, $148,980.00.

B) Granfield-Farrar & Carlin, San Francisco, $159,37'.05.

C) Hanrahan - Wilcox Corp., San Francisco, $196,009.00.

Unit bids follow:

	(A)	(B)	(C)
1)	$ 692.00	$ 250.00	$ 500.00
2)	200.00	400.00	300.00
3)	850.00	300.00	700.00
4)	500.00	250.00	300.00
5)	1.00	1.25	2.60
6)	.58	.75	1.05
7)	1.00	2.00	1.70
8)	1.50	1.00	1.70
9)	.01	.01	.01
10)	10.00	6.00	10.00
11)	2.00	1.50	2.20
12)	2.50	1.25	1.50
13)	3.00	4.25	3.00
14)	23.00	26.00	33.00
15)	3.00	3.00	4.70
16)	23.00	30.00	38.00
17)	20.00	20.00	28.00
18)	.06	.045	.05
19)	10.00	15.00	20.00
20)	10.00	20.00	23.00
21)	20.00	15.50	17.00
22)	90.00	110.00	120.00
23)	90.00	100.00	100.00
24)	1.00	1.05	1.00
25)	5.00	1.30	3.50
26)	2.00	.50	.60
27)	.10	.12	.10
28)	1000.00	300.00	1200.00
29)	1.00	1.00	.90
30)	1.50	1.50	1.25
31)	2.00	2.00	1.80
32)	25.00	15.00	14.00
33)	1.00	1.10	.93
34)	4.00	3.50	2.00
35)	5.00	2.00	2.00
36)	5.00	1.75	1.75
37)	5.00	3.00	3.00

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until June 3, 10 A. M., bids will be received by the San Joaquin County Board of Supervisors, Court House, Stockton, for the construction of a 104-ft. steel drawbridge over Honker Cut, connecting King Island and the Empire tract, consisting of one 187-ft. and one 85-ft. approach spans, protection work for the draw span and construction of a temporary ferry landing to be used during construction of the bridge. Estimated cost, $55,000.

Bids will be taken as follows:

Schedule 1

(1) 5445 lin. ft. concrete piles;
(2) 325 lin. ft. test piles;
(3) 7740 lin. ft. timber piles, treated
(4) 287 cu. yds. Class A concrete.
(5) 29.2 MFBM untreated Douglas Fir timber.
(6) 10.3 MFBM treated Douglas Fir timber;
(7) 29.7 MFBM Redwood timber;
(8) 7 tons reinforcing steel;
(9) 184 tons structural steel;
(10) 60 lin. ft. drain pipe (2½-in. galvanized water pipe);
(11) 612 lin. ft. ⅝-in. cable, for dolphins;
(12) 544 lin. ft. Page highway guards, or equal.

Schedule 2

(1) 5445 lin. ft. concrete piles;
(2) 325 lin. ft. test piles;
(3) 7740 lin. ft. timber piles, treated
(4) 487.8 cu. yds. concrete;
(5) 3 MFBM untreated Douglas Fir timber;
(6) 8.3 MFBM treated Douglas Fir timber;
(7) 10.7 tons reinforcing steel;
(8) 6125 sq. ft. wire mesh;
(9) 239.5 tons structural steel;
(10) 108 lin. ft. drain pipe (2½-inch galvanized water pipe);
(11) 612 lin. ft. ⅝-in. cable, for dolphins.

Plans and specifications obtainable from County Surveyor Julius B. Manthey, 111 S. Sutter St., Stockton, upon deposit of $10.

BIDS OPENED

GOVERNMENT ISLAND, Calif.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2440, for furnishing two structural steel bridge towers, 38-ft. 9-in., complete with all structural steel, bolts for field connections, etc., for the Somes Bar Bridge, approximately 100 miles northeast of Eureka:

Golden Gate Iron Works, fob San Francisco, $2,400.

Herrick Iron Works, fob Oakland, $2,848.

Judson Pacific Co., fob San Francisco, $2,983.

Moore Dry Dock Co., fob Oakland, $3,599.

Pacific Coast Steel Corp., fob Alameda, $3,250.

Minneapolis Steel & Machinery Co., fob Eureka, $3,150.

Bids held under advisement.

22—DREDGING HARBOR WORKS EXCAVATION

BIDS OPENED

LOS ANGELES, Cal.—Pan - Pacific Piling & Construction Co., Wilmington, submitted low bid on Sec A, Item (1), to the Los Angeles harbor department May 8, at $10,975.77, for creosoted piles for wharf extension at Berths 145 and 155, Los Angeles Harbor, and for maintenance; Specification No. 941. American Lumber & Treating Co. submitted the low bid at 09565.40 on Item (2). Bids were taken as follows:

Sec. A (alternate to Section B).

(1) 18,762 lin. ft. Douglas fir bearing piles with 16-lb. creosoted treatment;
(2) 19,180 lin. ft. Douglas fir fender piles with 12-lb. creosoted treatment;

Sec. B (alternate to Section A).

(3) 18,762 lin. ft. Southern pine bearing piles with 22-lb creosoted treatment;-
(4) 19,180 lin. ft. Southern pine fender piles with 16-lb. creosote treatment.

Sec. C, 56,852 board feet creosoted sawn Douglas fir.

The bids follow:

Pan-Pacific Piling & Construction Co., (1) 58½c, $10,975.77, (2) 52c, $9972.60; (c) $3183.71.

Consolidated Lumber Co., (1) 59c, $11,069.58; (2) 53c, $10,165.40; (c) $2729.96.

American Lumber & Treating Co., (1) 60c, $11,257.20; (2) 49.87c, $9565.40 (c) $2806.66.

Chas. R. McCormick Lumber Co., (1) 61c, $11,441.82; (2) 55c, $10.549; (c) $2842.60.

J. H. Baxter & Co., (1) 62c, $11,632.44; (2) 55c, $10,549, (c) $2899.45.

No bids were submitted on Section B. The bids were referred to the general manager and engineer of the department.

BIDS OPENED

SAN FRANCISCO.—Healy - Tibbitts Const. Co., 64 Pine St., at $0.20 per ton for furnishing and dumping approximately 10,000 tons of rock in Yacht Harbor with no charge for equipment, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1374.

Complete bids follow:

(1) per ton for rock;
(2) equipment.

Healy-Tibbitts Const. Co.: (1) $0.20 (2) no charge.

Daniel Contr. Co.: (1) $1.95; (2) $300.

Hutchinson Co.: (1) $2.10; (2) $495.

Blake Bros. Co.: (1) $2.12; (2) $500.

Basalt Rock Co.: (1) $2.12; (2) $650.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing and placing 500 tons of stone around the site of the proposed lighthouse at the end of the breakwater in Los Angeles Harbor were opened by the U. S. Engineer office, 751 S. Figueroa St., May 13. The bids were taken as follows:

(1) For furnishing plant consisting of floating derrick and towboat, each manned and fully equipped;
(2) For furnishing and placing 500 tons of stone.

The bids were:

Merritt, Chapman & Scott, (1) $18.00 per hour; (2) $2.85 per ton. Freight rate 95c per ton.

San Francisco Bridge Co., (1) $27.50 per hour; (2) $5.96 per ton. Freight rate 96c per ton.

E. L. Scofield, (1) $55.00 per hour; (2) $3.25 per ton. Freight rate 90c per ton.

Kohl-Connolly Co., (1) $30.00 per hour; (2) $2.40 per ton. Freight rate 60c per ton.

Hull, Smale & Ramage, Inc., (1) $27.50 per hour; (2) $3.30 per ton. Freight rate 90c per ton.

BIDS OPENED

SAN RAFAEL CREEK, Marin Co., Cal.—American Dredging Co., 255 California St., San Francisco, at $.0774 per cu. yd., total $8057.49 submitted low bid to the U. S. Engineer Office, 401 Custom House, under Proposal No. 35-40, for dredging 104,102 cu. yds. of material from San Rafael Creek.

Complete bids follow:

(A) American Dredging Co., $.0774 per cu. yd.; total, $8057.49.
(B) San Francisco Bridge Co., $.0795 per cu. yd.; total, $8276.11.
(C) Franks Contracting Co., $.094 per cu. yd.; total, $9785.59.
(D) Engineer's Estimate, $.0957 per cu. yd.; total, $9962.01.

23—IRRIGATION PROJ.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—Ed Erickson, R. F. D. 4, Box 744, Modesto, at $18,663.75 awarded contract by the Board of Directors of the Modesto Irrigation District, C. S. Abbott, Secretary, for canal lining, concrete

pipe line, concrete structures, furnishing concrete pipe and screw gates, etc., for work to be done in Improvement District No. 6. The work cannot commence until after October 1, when the irrigation season is over.

FUNDS ALLOTTED

SANPETE, Utah.—The Federal Public Works Administration has announced an additional allotment of $75,000 to the Bureau of Reclamation for the construction of the Ephriam and Spring City units of the Sanpete Irrigation Project. The allotment was made from old PWA funds.

24—STREET LIGHTING SYSTEMS

May 13, 1935

BIDS WANTED

MARCH FIELD, Riverside Co., Cal.—Until May 24, 10 A. M., bids will be received by the Construction Quartermaster, March Field, for additions to night lighting system at March Field. Certified check for 10% must accompany each bid. Plans and specifications may be procured by prospective bidders from the Constructing Quartermaster, March Field, upon deposit of $5.

BID CALL CANCELLED

SAN FRANCISCO.—Port Quartermaster, Fort Mason, has cancelled call for bids for erecting wire fence in warehouse area of the San Francisco General Depot, Presidio. Bids were scheduled to be opened May 14, 10:00 A. M.

CONTRACT AWARDED

SAN FRANCISCO—Kamlan Fence Co., 351 Bryant St., at $2242 awarded contract by Public Utilities Commission, for construction of woven galvanized steel wire mesh fences supported on galvanized steel posts at shaft in the coast range division, Hetch Hetchy Aqueduct, H.H.W.S. Contract No. 154.

Work involves:
(1) 1350 lin. ft. fencing;
(2) 4 corner posts;
(3) 8 end posts and gate posts;
(4) 4 10-ft. swing gates.

Fences to be erected at the following points:
(1) Tesla Overflow Shaft, San Joaquin County;
(2) Thomas Pipe Shaft, San Joaquin County;
(3) Alameda Creek East Overflow Shaft, Alameda County;
(4) Alameda Creek West Overflow Shaft, Alameda County.

25—MACHINERY AND EQUIPMENT

CONTRACTS AWARDED

BOULDER CANYON, Nevada—Following contracts awarded by Bureau of Reclamation, Denver, under Spec. No. 601, for furnishing main control equipment; battery charging sets; switchboards; 460-v. and 115-v. control equipment, and miscellaneous switching equipment for the Boulder Canyon Project:

Schedules 1 and 2: Westinghouse Electric Mfg. Co., $216,160; fob East Pittsburgh, Pa.

Schedule 3: Graybar Electric Co., $21,720.70; fob Boulder City.

Schedule 4: Cutler Hammer Co., $126,686; fob Milwaukee.

Schedule 5: Wolfe & Mann Mfg. Co., $10,291; fob Boulder City.

Complete bids published Jan. 30.

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Calif. — Smith Booth Usher, Shepherd Tractor & Equipment Co., Austin-Westein Road Machinery Co., and J. D. Adams Co., submitted identical bids at $1,434, less 2% 30 days, to the State Purchasing Agent, Sacramento, under Quotation 50890, Req. 7264, for furnishing a motor grader fob North Hollywood.

CONTRACT AWARDED

SAN FRANCISCO.—H. T. Guerin, 2145 20th Ave., at $6.85 per hour for 48 hours, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. U R 1370, for the rental of one 8-ton Plymouth gas-driven locomotive, 2-in. narrow gauge to be used by the SERA on the Lake Merced Unit No. 4 project.

CONTRACT AWARDED

SAN CARLOS, Arizona—Petroleum Equipment Co., Box 60, Arcade Station, Los Angeles, has been awarded contract by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, at $1017.09 plus freight charges, for furnishing 3 raw water circulating pumps, complete with electric motors, for the San Carlos Irrigation Project No. 261, Coolige, Ariz., under Bid No. 0166. The bids were opened May 2. The following bids were submitted:

Petroleum Equipment Co., Box 60, Arcade Station, Los Angeles, $1017.09 f.o.b. cars Berkeley, Calif. Delivery, 20 days f.o.b. Berkeley or 25 days f.o.b. Coolidge. Total shipping weight 3450 lbs. Efficiency, 81%. K. W. input, 7.1.

American Pump Co., Ltd., 931 Santa Fe Ave., Los Angeles, $1076.97 f.o.b. Coolidge. Delivery, 25 days. Total shipping weight, 2550 lbs. Shipping point, Aurora, Ill. Terms, 2% 10 days, 1% 20 days, net 30 days. Efficiency, 78%. U. S. motor.

Byron Jackson Pump Co., 2150 E. Slauson Ave., Huntington Park, $1,215.75 f.o.b. Berkeley. Delivery, 20 days to Berkeley, 23 days to Coolidge. Total shipping weight, 2720 lbs. Terms net. Pump efficiency, 74.5%. K. W. input to motor, 8.41. U. S. motor.

De Laval Steam Turbine Co., 1055 S. Olive St., Los Angeles, $1017.09 f. o.b. Coolidge. Delivery, 28 days. Total shipping weight, 3300 lbs. Efficiency, 76%. K. W. input, 8.32. U. S. motor. Terms net.

Fairbanks, Morse & Co., 423 E. 3rd St., Los Angeles, $836.79 f.o.b. Beloit, Wis., or $1052.79 f.o.b. Coolidge. Total shipping weight, 4140 lbs. Terms, net. Efficiency, 82%. W. K. input, 808. Fairbanks-Morse motor.

Pacific Pump Works, 5716 Bicket St., Huntington Park, $1182. Delivery, 20 days. Total shipping weight, 3000 lbs. Efficiency, 80%. K. W. input, 9.6. U. S. motor.

Smith Booth Usher Co., 2001 Santa Fe Ave., Los Angeles, $1143 f.o.b. Seneca Falls, N. Y., or $1334.10 f.o.b. Coolidge. Delivery, 42 days to Coolidge. Total shipping weight, 5100 lbs. Efficiency, 78%. K. W. input, 8.28. U. S. motor. Terms net.

Worthington Company, Inc., 5075 Santa Fe Ave., Los Angeles, $1054.59 f.o.b. Harrison, N. J. Total shipping weight, 2970 lbs. Terms net. Efficiency, 75%. K. W. input, 8.36. U. S. motor.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water ad Power Bureau, Room 740, 207 S. Broadway, for furnishing and delivering one only 24-in. by 18-ft. heavy duty lathe, selective gear head type, motor driven, "apron controlled," unde Spec. No. 1670.

The items were:
(a) fob cars bidder's factory;
(b) fob cars or trucks department's warehouse, 1630 N. Main Street, Los Angeles.

The bidders were:

(1) Smith Booth Usher Co.: shipping point, Cincinnati, Ohio. Shipping weight, 13,000 lbs. Type, American, 24-in. by 18-ft. H. D.

(2) Axelson Mfg. Co.: shipping point Los Angeles. Shipping weight, 13,600 lbs. Type, Axelson, 55-E-7-L, 24-in. by 18-ft.

(3) Axelson Mfg. Co.: Alternate bid same as (2) less chip pan.

(4) Axelson Mfg. Co.: Alternate bid lathe with 20-ft. bed.

(5) Pratt & Whitney Co.: Shipping point, Cincinnati, Ohio. Shipping wt., 15,800 lbs. Type, Boye & Emmes, 24-in. by 18-ft.

(6) Eccles & Davies Machinery Co.: Shipping point, Cincinnati, O. Shipping weight, 15,000 lbs. Type, RK. LeBlond.

(7) Herberts Machinery Co., Ltd.: Shipping point, Sidney, Ohio. Shipping weight, 13,800 lbs. Type, Monarch.

(8) Harron, Rickard & McCone Co.: Shipping point, Cincinnati, O. Shipping weight, 14,390 lbs. Type, Lodge & Shiple.

All bids were net:
They follow:

	(a)	(b)
(1)	$6092.00	$6554.00
(2)	5394.90	5394.90
(3)	5078.90	5078.90
(4)	5554.90	5554.90
(5)	3785.00	6338.00
(6)	6756.23	7281.23
(7)	5732.10	6216.10
(8)	6471.24	.....

BID CALL CANCELLED

FORT MASON, Cal.—The Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, has cancelled a call for bids to have been opened May 15, 10 A. M., under Bid No. 928-35-235, Req. QM 671-161-35, Memo 5974, for furnishing two centrifugal pumps for shipment to the Philippine Islands.

CONTRACT AWARDED

SAN FRANCISCO.—Transbay Construction Co., Mather, Calif., and Pier 24, San Francisco, has awarded a contract to A. L. Young Machinery Co., 26 Fremont Street, San Francisco, for furnishing one Lima shovel, Model 601 diesel - powered, combination shovel, dragline, clamshell and crane to be used at O'Shaughnessy Dam site, Tuolumne County.

BIDS OPENED

MENDOCINO COUNTY, Cal.—Chas. Kuppinger, Lakeport, at $3.50 per hour, submitted low bid to the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the rental of one 2350-ga. tank truck, for approximately 200 hours, to be used in hauling road oil at Boonville, Mendocino County.

Complete bids follow:

Chas. Kuppinger, Lakeport, $3.50.

Hayward Bldg. Material Co., Hayward, $4.00.

Albert Helwig, Sebastopol, $4.00.

Tieslau Bros., Berkeley, $4.50.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the East Bay Municipal Utility District, John S. Kimball, Secretary, Oakland, under Proposal No. 615, for furnishing one hydraulically-operated trailbuilder or angle bulldozer:

American Tractor Equipment Corp., Oakland: $1,261.77.

Robinson Tractor Co., Oakland, $1,261.77.

Oar Wood Industries, $1,315.99.

Edward R. Bacon Co., San Francisco, $1,525.

Bids held under advisement.

IDS OPENED

DEL NORTE, Humboldt, Lake and endocino Counties, Cal.—Following ds received by the Department of ublic Works, Division of Highways. W. Vickrey, District Engineer, Eu-ka, for the rental of 3-yard dump ucks for use at locations as follows:
) 3 for approx. 500 hours each to be used in the vicinity of Eureka;
) 3 for approx. 500 hours each to be used in the vicinity of Garberville;
) 3 for approx. 500 hours each to be used in Mendocino and Lake Counties;
) 4 for approx. 500 hours each to be used in the vicinity of Crescent City.

Complete bids follow:
Henry C. Artana, Inc., San Jose:) $2.50; (2) $2.50; (3) $2.50.
Ashurst Bros., Hopland: (2) $2.70;) $2.70.
J. P. Barrett, Colusa: (1) $2.40; (2) 40; (3) $2.40; (4) $2.40.
M. E. Beckstrom, Trinidad: (1) $2.33) $2.33; (3) $2.33; (4) $2.33.
Chas. W. Beguhl, Lomita Park: (1) 55; (2) $2.55; (3) $2.55; (4) $2.55.
Charles Burnside and Asa Moran, endale: (1) $2.33; (2) $2.33; (3) $2.33.
Wm. Colbert, San Francisco: (1) 33; (2) $2.33; (3) $2.33; (4) $2.33.
Eugene Della Rosa, Martinez: (1) 43; (2) $2.43; (3) $2.43.
C. N. Dewar, Eureka: (1) $2.33; (2) 33; (3) $2.33; (4) $2.33.
Daniel Gallagher, San Francisco, (1) 33; (2) $2.33; (3) $2.33; (4) $2.33.
Garcia Const. Co., Irvington: (1) 13; (2) $2.33; (3) $2.33; (4) $2.75.
Clayton Hanifer, Pleasanton: (1) $3; $3.00; (3) $3.00; (4) $3.00.
C. Mankel, Sacramento: (1) $3.50;) $3.25; (3) $3.25; (4) $3.50.
C. Mullineaux, Oakland, (1) $2.87.
Thos. O'Brien, San Francisco: (1) 33 (2) $2.33; (3) $2.33; (4) $2.60.
Rock & Gravel Trucking Co., Oakd: (1) $2.33; (2) $2.33; (3) $2.33; $2.33.
Gary R. Starkenburg, Los Angeles: $2.55.
Starkenburg, Los Angeles: (1) 33.
S. Tolhard, Willow Creek: (1) 3; (2) $2.43; (3) $....; (4) $2.43.
M. Taylor, San Bernardino: (1) 5; (2) $2.55; (3) $2.55 (4) $2.55.
V. K. Walker, Crescent City: (1) 5; (2) $2.75; (3) $2.75; (4) $2.75.
ids held under advisement.

S OPENED

AN FRANCISCO. — Bids for furhing one 300-ampere electric weldgenerator, driven by a gasoline or, and mounted on skids, were ned by the U. S. Forest Service, T. Forster, Procurement Engi-. 85 Second St., under Contract 579

ds were taken as follows:
Type of equipment; (2) Bid price; (3) Fob point; (4) Delivery time; (5) Terms; (6) Weight.
mplete bids follow:
obinson Tractor Co., Oakland: (1) CO, 6-cylinder Waukesha; (2) $1-(3) Oakland; (4) 7 days; (5) 5% ays; (6) 2,000 lbs.
obinson Tractor Co., Oakland (Alate): (1 Ford V-8; (2) $1,012.50; Oakland; (4) 7 days; (5) 5% 10 ; (6) 2,000 lbs.
nerican Tractor Equipment Corp. ATECO, Waukesha (2) $1,125; (3) and; (4) 7 days; (5) 5%; (6) 2,-bs
nerican Tractor Equipment Corp.): (1) Ford V-8; (2) $1,012.50; (3) and; (4) 5%; (5) 2,000 lbs.
rfield & Co., San Francisco: (1) CO, Ford V-8; (2) $1,012.50; (3) Francisco; (4) 7 days; (5) 5%; ,000 lbs.

Lincoln Electric Co., San Francisco (1) Lincoln; (2) $1,145; (3) Willows; (4) 20 to 30 days; (5) net; (6) 2,650 pounds.

Roberts Equipment Co., San Francisco: (1) Hobart - Chrysler (2) $1,-245; (3) San Francisco; (4) 30 days; (5) Net; (6) 2,200 lbs.

Roberts Equipment Co., San Francisco: (1) Hobart - Chrysler (2) $1,-255; (3) Willows; (4) 30 days; (5) (5) Net; (6) 2,200 lbs.

Edward R. Bacon Co. San Francisco (1) Schramm; (2) $1,300; (3) Willows (4) 14 days; (5) Net; (6) 2,950 lbs.

Universial Power Corp., Cleveland: (1) 6-cylinder Chrysler motor; (2) $1-323.10; (3) Willows; (4) 15 days; (5) Net; (6) 3,000 lbs.

Victor Welding Equip. Co., S. F.: (1) Not specified (2) $1,324.70; (3) Willows; (4) 3 days; (5) Net; (6) 2,-925 lbs.

Harnischfeger Sales Corp., Milwaukee: (1) Not specified; (2) $1,329.85; (3) Willows; (4) 10 days; (5) Net; (6) 2,320 lbs.

Air Reduction Sales Co., Emeryville (1) Not specified; (2) $1,372.15; (3) North Bergen, N. J.; (4) 45 days; (5) Net; (6) $2,500 lbs.

Air Reduction Sales Co., Emeryville: (1) Not specified; (2) $1,421.15; (3) Willows; (4) 45 days; (5) Net; (6) 2,500 lbs.

General Electric Supply Corp., San Francisco: (1) Not specified (2) $1,-410.20; (3) Freight allowed from factory to Willows; (4) 42 days; (5) Net; (6) 3,200 lbs.

Herberts - Moore Co.: (1) Flexarc-Buda; (2) $1,423.89; (3) Willows; (4) 6 weeks; (5) Net; (6) 2,900 lbs.

Bids held under advisement

BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR 1370, for the rental of one 7- or 8-ton Plymouth gas driven locomotive, 2-in. narrow gauge, to be used by the SERA on the Lake Merced Unit No. 4 project:

H. T. Guerin, 2145 20th Ave., $6.85 per hour for 48 hours, 8-ton.

Chas. L. Harney, Call Bldg., $9.00 per hour for 5 days, 8-ton.

United Commercial Co., 234 Steuart St., alternative bid: $600 outright purchase price for a 3½-ton Plymouth.

Bids held under advisement.

26—— RAILROADS

PLANNED

SAN FRANCISCO.—The Market St. Railway Company has asked the State Railroad Commission to approve the purchase by the company of eight new trackless trolley buses to be used on its Harrison Street Line. 26

28 — FIRE EQUIPMENT

DISTRICT FORMED

STANISLAUS and Merced Counties, Cal.—A proposal to form the Montpellie Joint County Fire Protection District in Merced and Stanislaus Counties, carried by a vote of 32 to 0 at a special election held May 7. C. C. Reber and J. E. Anderson were elected district commissioners.

ELECTION CARRIED

ESPARTO, Yolo County, Cal.—A proposal to purchase a new fire truck at a cost not to exceed $4000 was carried at a special election in the Esparto Fire Protection District, May 8, by a vote of 70 to 15. The truck probably will be purchased within 30 days. A. Medley, Esparto, president of the Board of Fire Commissioners

ELECTION CARRIED

MADISON, Yolo Co., Cal.—A proposal to purchase a new fire truck at an estimated cost of $3,000 was carried in Madison Fire Protection District at a special election May 10, by a vote of 70 to 15. W. A. Stites is head of the district. 3

DISTRICT FORMED

TWAIN HARTE, Tuolumne County, Cal.—A proposal to form the Twain Harte Fire Protection District carried at a special election May 10. Fire commissioners elected for the district were: Arthur L. Nevins; Raymond D. Eproson; John Burger; Eugene O. Mathews and Jas. O. White.

29—STREETS AND HIGHWAYS

BIDS OPENED

SAN FRANCISCO—C. L. Harney, 443 Call Bldg., at $3539.68 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,858, for the reconstruction of 23rd St., bet. Hoffman Ave. and Diamond St.

The work involves:
(1) 300 lin. ft. granite curb redressed and reset;
(2) 2000 sq. ft. remove existing asphalt concrete wearing surface where directed;
(3) 190 tons asphaltic concrete binder in place;
(4) 39,250 sq. ft. 2-in. asphaltic concrete wearing surface;
(5) 1360 sq. ft. asphaltic concrete conform pavement;
(6) 400 sq. ft. reset basalt blocks where directed;
(7) 100 each Type No. 1 galvanized sheet iron pedestrain cross walk markers in place;
(8) 900 sq. ft. one-course concrete sidewalk.

Total bids follow:
(A) Chas. L. Harney, $3539.68.
(B) A. G. Raisch, $3594.35.
(C) Fay Improvement Co., $3734.80.
(D) Theo. Cohn, $3848.
(E) Pacific Pavements Co., Ltd., $3,-964.85.

All bidders of San Francisco.
Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .40	$ .65	$ .40	$ .50	$1.00
(2)	.025	.06	.048	.05	.15
(3)	4.25	4.50	4.38	5.00	6.00
(4)	.058	.055	.06	.06	.057
(5)	.063	.06	.06	.06	.06
(6)	.10	.07	.09	.12	.12
(7)	.25	.30	.25	20	.20
(8)	.15	.14	.13	.16	.12

All bids referred to City Engineer.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $14,054 submitted the only bid received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, for about 3.7 miles grading shoulders, constructing selected borders, and super-elevating curves with selected material base and plant-mixed surfacing (medium curing type) in Humboldt County bet. Ferndale and Fernbridge.

BID CALL WITHDRAWN

EL CERRITO, Contra Costa Co., Cal.—El Cerrito City Council has withdrawn a call for bids, to have been opened May 20, 8 P. M., for the improvement of Cutting Blvd., from the westerly limit of the City of El Cerrito to the westerly line of San Pablo Ave.

The job will be re-advertised under revised specifications.

REJECTION RECOMMENDED

MONO COUNTY, Cal.—Rejection of all bids received May 14, for grading 6.823 miles of Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

BIDS OPENED

SAN FRANCISCO.—A. Soda & Son, 1077 65th St., Oakland, at $3,473.95 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,859, for the construction of a stairway on Holladay Ave. from Peralta Ave. to Bay Shore Blvd.

The work involves:

(1) 65 c.y. Class B concrete;
(2) 3,000 lbs. bar reinforcing steel;
(3) 350 l.f. 3-pipe railing with concrete posts;
(4) 15 l.f. 6-inch VCP culvert;
(5) lump sum, lighting system installed, complete.

Total bids follow:

(A) A. Soda & Son, Oakland....$3,473.95
(B) Love & Haun, S. F..... 3,870.00
(C) M. J. Lynch, S. F..... 3,898.00
(D) C. C. W. & H. H. Haun, San Francisco 3,980.00
(E) San Bruno Ave. Feed and Fuel Co., S. F..... 4,057.00
(F) M. E. Vukicevich, S. F..... 4,106.70
(G) Chas. L. Harney, S. F..... 4,172.50
(H) Eaton & Smith, S. F..... 4,682.50
(I) R. S. Silverberg, S. F..... 7,044.50
(J) DeLuca & Son, Inc., S. F. 8,798.25
(K) Leo Epp, San Francisco.. 9,670.00

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)
(A)	$30.17	$0.07	$1.15	$2.16	$ 868.00
(B)	32.00	0.05	3.00	1.00	575.00
(C)	35.00	0.06	1.50	1.00	908.00
(D)	35.00	0.05	2.00	.80	843.00
(E)	24.80	0.06	3.00	1.00	1200.00
(F)	33.40	0.0646	2.18	.38	975.00
(G)	35.00	0.06	2.75	2.00	725.00
(H)	37.50	0.06	3.00	1.00	1000.00
(I)	74.00	0.06	2.97	1.00	1000.00
(J)	99.00	0.0475	3.50	3.05	950.00
(K)	112.00	0.05	3.50	1.00	1000.00

All bids referred to the City Engineer.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge details sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on May 29.

IV-S.F-68-S. F., Fifth Street in the City of San Francisco, between Harrison and Bryant Sts.: PLANS: (No. of Sheets) 3; (Cost) $0.30; CROSS-SECTIONS (No. of Sheets) none; (Total) $0.30.

X-Alp-24-D, between Nevada State Line and three and four-tenths miles north of Woodfords: PLANS (No. of Sheets) 9; (Cost) $0.90; CROSS-SECTIONS (No. of Sheets) 97; (Cost) $9.70; (Total) $10.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways ,and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

SANTA CLARA COUNTY—ALMADEN ROAD—(DIST

SANTA CLARA COUNTY, Cal.—Carl N. Swenson Co., 355 Stockton Ave., San Jose, at $31,325.90 submitted low bid and recommended for award of contract by the Board of Directors of the Santa Clara Valley Water Conservation District, Leroy Anderson, Secretary, Grant Bldg., San Jose, for the construction of the Almaden Road, replacing the existing road through the Almaden reservoir. The length of the road is approximately 1.5 miles.

Bids were taken as follows:

(1) 6.5 acres clearing and grubbing;
(2) 52,500 c.y. roadway excavation;
(3) 120 l.f. 8-in. 16 gauge CMP;
(4) 270 l.f. 12-in. gauge CMP;
(5) 410 l.f. 18-in. 16 gauge CMP;
(6) 30 l.f. 24-in. 14 gauge CMP;
(7) 110 l.f. 30-in. 14 gauge CMP;
(8) 140 l.f. 42-in. 14 gauge CMP;
(9) 90 l.f. 48-in. 14 gauge CMP;
(10) 90 l.f. 60-in. 12 gauge CMP;
(11) 14,000 sq. yds. rolling rdwy.;
(12) 1.5 miles three-line barbed wire fence;
(13) 4 MFBM redwood lumber guard posts;
(14) 250 c.y. footing excavation;
(15) 290 c.y. reinforced concrete;
(16) 50,000 lbs. reinforcing steel;
(17) remove and rebuild existing power line for the lump sum $2000;
(18) premium on 50% surety and performance bonds.

Total bids follow:

(A) Carl N. Swenson, San Jose, $ 325.90.
(B) Poulos & McEwen, Sacramen $34,839.94.
(C) Earl W. Heple, San Jose, $ 588.
(D) A. Teichert & Son, Inc., Sac mento, $39,899.
(E) Granfield, Farrar & Carlin, Francisco, $42,728.
(F) A. J. Raisch, San Francisco, $ 173.
(G) Bayshore Constr. Co., San Fr cisco, $49,319.
(H) Engineer's Estimate, $29,000.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	$ 50.00	$ 110.00	$ 150.00	$ 200.00	$ 150.00	$ 150.00	$ 75.00	$ 100.00
(2).....	.28	.28	.40	.55	.47	.45	.62	.20
(3).....	1.00	1.00	1.10	1.00	1.00	1.00	.95	1.00
(4).....	1.18	1.35	1.35	1.50	1.25	1.25	1.20	1.50
(5).....	1.60	1.85	1.90	2.00	1.80	1.75	1.70	2.00
(6).....	2.57	2.85	3.25	3.00	2.50	2.50	5.50	3.00
(7).....	2.97	3.40	3.65	3.50	3.00	3.00	4.10	3.50
(8).....	5.04	4.60	4.60	5.00	4.25	4.00	5.00	5.00
(9).....	6.00	5.70	5.20	6.50	5.00	5.00	5.70	6.20
(10).....	8.81	12.00	8.10	9.00	9.00	7.50	12.00	10.00
(11).....	.09	.18	.15	.15	.18	.30	.07	.12
(12).....	400.00	450.00	400.00	420.00	300.00	360.00	450.00	500.00
(13).....	110.00	100.00	90.00	96.00	90.00	95.00	90.00	75.00
(14).....	1.50	2.50	3.00	4.50	1.75	1.50	1.25	1.50
(15).....	18.50	23.00	19.55	26.00	22.00	25.00	18.00	20.00
(16).....	.045	.045	.04	.042	.045	.035	.04	.04
(17).....	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
(18).....	472.00	345.44	400.00	430.00	625.00	463.00	750.00	772.00

Fred H. Tibbetts, Engineer of the District, 1320 Alaska Commerce Bldg., San Francisco.

SISKIYOU COUNTY—12.5 MILES GRADING—(STAT

SISKIYOU COUNTY, Cal.—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco, at $198,383 submitted low bid to the State Highway Commission, Sacramento, for about 12.5 miles grading in Siskiyou County, between Cougar and Horst Thiel Creek.

The work involves:

(1) 65 acres clearing and grubbing highway right of way (inside slope lines);
(2) 130 acres clearing highway right of way (outside slope lines);
(3) 200,800 c.y. rdwy. excav., unclass.
(4) 937,000 sta. yds. overhaul;
(5) 800 c.y. ditch and channel excav.
(6) 88,000 c.y. imported borrow;
(7) 900 c.y. struc. excav.;
(8) 659 stations finishing rdwy.;
(9) 11,600 lbs. bar reinf. steel (structures);
(10) 162 c.y. Class A Portland cement concrete (structures);
(11) 76 l.f. 12-in. CMP;
(12) 1,116 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 108 l.f. 48-in. CMP;
(16) 40 l.f. 60-in. CMP;
(17) 92 each monuments complete in place.

Total bids follow:

(A) Guy F. Atkinson Co., San Fr cisco, $198,383.
(B) Morrison-Knudsen Co., Los geles, $232,059.
(C) A. Teichert & Son, Inc., Sa mento, $244,413.
(D) N. M. Ball and Larson B Berkeley, $247,534.
(E) Granfield-Farrar & Carlin, Francisco, $247,824.
(F) Isbell Constr. Co., Reno, $252

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(
(1)	$150.00	$300.00	$180.00	$200.00	$150.00	$20
(2).....	50.00	100.00	100.00	50.00	125.00	1
(3).....	.57	.65	.83	.90	.80	
(4)	.005	.01	.01	.005	.01	
(5).....	1.88	1.00	1.00	1.00	1.50	
(6).....	.47	.50	.33	.30	.40	
(7)	2.50	1.50	1.50	1.00	2.00	
(8).....	12.00	5.00	5.00	7.00	6.00	
(9).....	.06	.07	.06	.06	.06	
(10).....	24.00	30.00	24.00	30.00	30.00	
(11).....	2.00	1.50	1.50	1.50	1.25	
(12).....	2.50	2.00	2.00	2.00	1.75	
(13).....	4.00	3.00	3.00	3.00	3.00	
(14).....	6.00	4.00	4.00	4.00	4.00	
(15).....	8.00	8.50	8.00	7.00	8.00	
(16).....	14.00	12.00	12.50	12.00	12.50	
(17).....	3.00	3.00	4.00	3.00	3.00	

BIDS OPENED

MONO COUNTY, Cal.—Gibbons & Reed, 221 E. San Fernando, Burbank, at $158,716.50 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading 6.823 miles of Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

Bids were taken as follows:

(1) 27 acres clearing;
(2) 133,400 c.y. unclass. excav.;
(3) 1,700 c.y. do for structures;
(4) 29,600 c.y. do for borrow;
(5) 255,000 sta. yds. overhaul;
(6) 16,200 c.y. mi. borow haul;
(7) 6.812 miles finishing earth graded road;
(8) 19 c.y. Class A concrete;
(9) 53 c.y. Class B concrete;
(10) 95 c.y. Class D concrete;
(11) 20,530 lbs. reinforcing steel;
(12) 307 c.y. cement rubble masonry;
(13) 238 l.f. 8-in. CGMP;
(14) 704 l.f. 18-in. do;
(15) 1,502 l.f. 24-in. do;
(16) 394 l.f. 30-in. do;
(17) 80 l.f. 36-in. do;
(18) 9 each spillway inlets;
(19) 2 each steel gates for 18-in. drop inlets;
(20) 8 each steel gates for 24-in. drop inlets;
(21) 87 c.y. hand-laid riprap;
(22) 400 l.f. log guard rail;
(23) 150 l.f. log rail for bridge;
(24) 120 l.f. log stringers;
(25) 2,650 l.f. protection ditch;
(26) 102 each culvert markers;
(27) 26 each right of way monuments;
(28) extra work, log parking area separations;
(29) extra work, cleanup of refuse dumps;
(30) extra work, remove and stockpile duff and topsoil.

Total bids follow:

(A) Gibbons & Reed, Burbank, $158,716.50.
(B) Isbell Const. Co., Reno, $177,205.30.
(C) Hanrahan-Wilcox Corp., S. F., $197,393.50.
(D) Engineer's estimate, $115,095.30.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$500.00	$300.00	$300.00	$300.00
(2)....	.70	.86	1.00	.50
(3)....	2.50	2.00	2.00	1.60
(4)....	.39	.42	.33	.30
(5)....	.02	.02	.02	.01
(6)....	.20	.15	.12	.20
(7)....	450.00	850.00	500.00	300.00
(8)....	33.00	30.00	39.00	30.00
(9)....	33.00	30.00	35.00	28.00
(10)....	37.00	35.00	37.00	24.50
(11)....	.07	.07	.10	.06
(12)....	15.00	19.00	27.00	14.00
(13)	1.50	1.25	1.30	1.00
(14)....	2.20	2.25	2.50	1.90
(15)	3.20	3.25	4.00	3.00
(16)....	4.20	3.75	5.00	3.70
(17).	7.00	8.00	8.00	6.00
(18)....	20.00	18.00	20.00	15.00
(19)....	30.00	25.00	33.00	15.00
(20)....	30.00	28.00	45.00	16.00
(21)....	4.00	4.50	3.30	3.00
(22)....	1.00	1.50	1.00	1.25
(23)....	1.50	2.00	3.00	3.00
(24)....	1.50	2.00	2.50	1.50
(25)....	.40	.20	.20	.10
(26)....	3.00	3.00	4.00	2.00
(27)....	3.00	3.50	4.00	3.00
(28)....	100.00	100.00	100.00	100.00
(29)....	100.00	100.00	100.00	100.00
(30)....	500.00	500.00	500.00	500.00

All bids held under advisement.

BIDS WANTED

SANTA CLARA COUNTY Cal.—Until May 27, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Henry A. Pfister, Clerk, for the construction of 110,650 sq. ft. of oil macadam pavement on Allendale Avenue.

Plans and specifications obtainable from above office at a charge of $1.

Robert D. Charndel, County Surveyor.

CONTRACT AWARDED

NAPA COUNTY, Cal. — Harold Smith, 1427 Kearny St., St. Helena, at $7801 awarded contract by the State Highway Commission, Sacramento, for about 0.2 mile grading and crusher run base and plant-mixed surfacing (medium curing type) constructed, in Napa County, between Yountville and Oakville.

BIDS WANTED

MERCED CO., Calif.—Until June 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about one mile grading and paving with asphalt concrete in the City of Merced between southerly and "R" Street.

The work involves:

(1) 100 M. gals. water;
(2) 2,550 c.y. rdwy. excav., unclass.;
(3) 2,750 c.y. selected material;
(4) 1,700 c.y. struc. excav.;
(5) 565 c.y. concrete removed and disposed of;
(6) 6,000 sq. yds. subgrade preparation;
(7) 5,300 tons asphalt concrete;
(8) 2,600 lbs. bar reinf. steel (structures);
(9) 32 c.y. Class A Portland cement concrete (structures);
(10) 122 l.f. 12-in. CMP;
(11) 2,464 l.f. 18-in. CMP;
(12) 122 l.f. 36-in. CMP;
(13) 309 l.f. existing culverts removed, cleaned and salvaged;
(14) 425 c.y. Class A Portland cement concrete (curbs, gutters and sidewalks);
(15) 24,000 sq. yds. asphaltic paint binder;
(16) 2 each steel covers Type A (curb inlets);
(17) 6 each steel covers Type B (do);
(18) 2 each steel grates, Type A;
(19) 6 each steel grates, Type B;
(20) 25 ea. cast steel frames and covers for drop inlets.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

MONO COUNTY, Cal.—Until June 5, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.1 miles grading and surfacing with bituminous treated selected material in Mono County between one mile north of Bodie Rd. and Point Ranch.

The work involves:

(1) 12 acres clearing and grubbing right of way;
(2) 1,100 M. gals. water;
(3) 6,700 c.y. rdwy. excav., unclass.;
(4) 5,000 sta. yds. overhaul;
(5) 490 c.y. struc. excav.;
(6) 650 c.y. ditch excav.;
(7) 23,700 c.y. Type A imported borrow;
(8) 10,000 c.y. Type B do;
(9) 1,300 c.y. rock slope protection;
(10) 110 stations finishing rdwy.;
(11) 55 tons liquid asph. SC-2 (prime coat);
(12) 4,400 c.y. selected material (surfacing);
(13) 206 tons liquid asphalt SC-3 (bituminous treatment);
(14) 2.22 miles mixing, shaping and compacting bituminus treated surfacing;
(15) 20 tons liquid asphalt MC-3 (seal coat);
(16) 150 c.y. screenings (seal coat);
(17) 400 lbs. bar reinf. steel;
(18) 13 c.y. Class A Port. cem. conc. (structures);
(19) 406 l.f. 24-in. CMP;
(20) 142 l.f. cleaning and relaying C M P culverts;
(21) 236 l.f. cleaning and salvaging C M P culverts;
(22) 14 each culvert markers;
(23) 58 each guide posts;
(24) 43 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SOUTH SAN FRANCISCO. — Until June 3, 8 P. M., bids will be received by South San Francisco City Council, Daniel McSweeney, City Clerk, for pavement repairs on Grand Ave. between Mission Road and Linden Ave.; on Linden Ave. between Armour Avenue and Railroad Ave., and on Railroad Ave. between Linden Ave. and a point 500 ft. westerly therefrom. Estimated cost, $6,500. Bids will be taken on alternative schedules for asphalt concrete or natural rock asphalt concrete pavement.

Bids will be taken as follows:

SCHEDULE NO. I

(a) 24,400 sq. ft. broken wearing surface to be removed;
(b) 16,150 sq. ft. broken base pavement to be removed;
(c) 290 tons asphalt concrete wearing surface 2-in. thick to be laid;
(d) 480 tons asph. concrete base pavement 5-in. thick to be laid;
(e) 10,000 sq. ft. corrugated area to be burned;
(f) 37 tons asphalt concrete wearing surface approx. 5-in. thick to be placed on burned areas.

SCHEDULE NO. II

(a) 24,400 sq. ft. broken wearing surface to be removed;
(b) 16,150 sq. ft. broken base pavement to be removed;
(c) 265 tons natural rock asphalt concrete wearing surface 2-in. thick to be laid;
(d) 440 tons natural rock asphalt concrete base pavement. 5-in. thick to be laid;
(e) 10,000 sq. ft. corrugated area to be burned;
(f) 34 tons asphalt concrete wearing surface approx. 5-in. thick to be placed on burned areas.

Plans and specifications obtainable from City Engineer Geo. A. Kneese, 2382 Broadway, Redwood City, at a charge of $2, not returnable.

The work will be financed by the city's share of gas tax funds.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Paulsen & March, 8275 Compton Avenue, Los Angeles, at $4773.60 awarded contract by the State Highway Commission, Sacromento, for treating shoulders with liquid asphalt on about 15.9 miles in the City of San Diego, bet. Broadway and the north city limits.

BIDS WANTED

SANTA CLARA COUNTYfi Cal.—Until May 27, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Henry A. Pfister, Clerk, for the construction of 521,100 sq. ft. of oil mix pavement on Storey Road.

The work will involve construction of a waterbound macadam base; applying 1100 cu. yds. of Saratoga waste (furnished by the County f.o.b quarry) to the road bed; applying ½ gal. of 60-70 road oil per sq. yd of surface; and a successive application of ½ gal. per sq. yd. of surface of 94% asphaltic road oil; and covering

the entire surface with not less than 5 lbs. per sq. ft. of rock screenings.

Specifications obtainable from above office at a charge of $1.

Robert D. Chandler, County Surveyor.

*

RECOMMENDATION APPROVED.

SANTA CLARA CO., Calif.—Clifton Hickok, Northern California Engineer for the PWA, has approved recommendation of the Santa Clara Valley District that contract for the construction of the Almaden Road, replacing the existing road through the Almaden Reservoir, a length of 1.5 miles, be awarded Carl N. Swenson, 355 Stockton Ave., San Jose, at $31,323.90. 6

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Chas. A. Power, E 27 8th, Spokane, at $98,697 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and draining and paving with Portland cement concrete about 1.4 miles of State Roads Nos. 3 and 2, in the City of Spokane, on Elm Street between 20th Ave. and 7th Ave., and on State Road No. 2 between Cannon and Oak, Unit 3 of NRM 201-A and Unit 1 of NRM 156-F.

The other bids were:

J. H. Collins & Co., Walla Walla, $99,817.

Norris Bros., Burlington, $102,538.

Goetz & Brennan, Seattle, $102,885.

AWARD RECOMMENDED

TEHAMA COUNTY, Calif.—C. F. Fredericksen & Sons, Lower Lake, at $17.42 per ton, total $8,187.40, submitted low bid and recommended for award by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for bituminous treatment (light surface application) on 16.208 miles of Sections A, B, C, D, and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County. The work requires 470 tons liquid asphaltic road material, Type SC-2.

Complete bids follow:

(A) C. F. Fredericksen & Sons, Lower Lake: (1) $17.42 per ton; (2) total, $8,187.40.

(B) E. F. Hilliard, Sacramento: (1) $19.19; (2) $9,019.30.

(C) Albert Helwig, Sebastopol: (1) $19.43; (2) $9,132.10.

(D) Chas. Kuppinger, Lakeport: (1) $19.85; (2) $9,329.50.

(E) A. Teichert & Son, Inc., Sacramento: (1) $21.80; (2) $10,246.

(F) Tiffany Const. Co., San Jose: (1) $22.75; (2) $10,692.50.

(G) Oilfields Trucking Co. Bakersfield (1) $22.77; (2) $10,701.90.

(H) Hayward Building Material Co., Hayward: (1) $26; (2) $12,220.

(I) Engineer's estimate: (1) $20; (2) $9,400. *

CONTEMPLATED

NAPA, Napa Co., Cal.—City Council to grade and pave Jefferson Street from the Jefferson Street Bridge to Hays Street. Work will include grading and a 5-inch pavement at an estimated cost of $18,350, or grading and a 3½-inch pavement, at an estimated cost of $11,855, under alternative specifications prepared by City Engineer H. A. Harold.

The work will be financed in part by the city's share of gas tax funds.

BIDS WANTED

STATE OF WASHINGTON.—Until May 28, 10 A. M., bids will be received by L. V. Murrow, State Director of Highways, Olympia, for highway improvement as follows:

DOUGLAS CO.: Grading, surfacing with crushed stone and constructing deflection cribs and channel widening and deepening on about 3.1 miles of State Road No. 2, Orondo-Pine Canyon, Federal Public Works Project No. 7757, in Douglas County, involving about 17,600 cu. yds. of excavation, 3,460 cu. yds. of crushed stone surfacing, 6,080 cu. yds. of heavy loose riprap and other items.

SPOKANE and Whitman Counties: Paving with Portland cement concrete about 0.5 mile of State Road No. 3, Spokane-Rosalia Paving Gaps, Federal Public Works Project No. 6719, in Spokane and Whitman Counties, involving about 5,547 sq. yds. of cement concrete pavement, 2,387 lin. ft. of cable guard rail and other items.

WHITMAN CO.: Grading and surfacing with crushed stone about 5.4 miles of the Inland Empire Highway-Eastern Route, Garfield to Oakesdale, Federal Public Works Project No. 7747, in Whitman County, involving about 94,080 cu. yds. of excavation, 35,650 cu. yds. of crushed stone surfacing, 154 cu. yds. of concrete, 1,086 lin. ft. of pipe culverts, and other items.

GRAYS HARBOR CO.: Constructing a light bituminous surface treatment on about 17.4 miles of State Road No. 9, Hoquiam to Humptulips, in Grays Harbor County, and on about 13.3 miles of State Road No. 13, Cosmopolis to Pacific County Line, in Grays Harbor County, Federal Public Works Project, involving about 4,502 barrels of bituminous cement and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

SAN FRANCISCO.—Fay Imp. Co., 760 Market St., at $2,663.11 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,857 for the reconstruction of Shrader Street between 17th St. and line 229 feet south of Carmel St.

CONTRACT AWARDED

ELKO COUNTY, Nevada.—W. W. Clyde & Co., Springville, Utah, at $62-102.64 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Elko County between 25 miles north of Currie and 25 miles south of Wells, Route 13, Section B, a length of 11.33 miles.

Utah Const. Co., Ogden, at $62,210.38 submitted second low bid

Complete bids will be published shortly. *

CONTRACT AWARDED

NYE and Esmeralda Counties, Nev.—Gibbons & Reed, 165 E. 4th South, Sale Lake City, at $146,322.39 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Nye and Esmeralda Counties, between Beatty and three miles north of Springdale, and between six miles south of Stonewall Pass and Goldfield, Routes 5 and 3, Sections H1, K2 and K3, A1 and 2, B, a length of 42.01 miles

W. W. Clyde & Co., Springville, Utah, at $155,930.34 submitted second low bid.

BIDS OPENED

SAN JOSE, Cal.—Bids were received at the office of City Engineer Wm. I. Popp for improvement of Shasta Avenue under private contract. Bids were taken from a selected list of contractors as follows:

Union Paving Co., 624 Call Bldg., San Francisco, $8647.89.

Raisch Improvement Co., San Jose $8710.41.

Earl W. Heple, San Jose, $9369.91.

The work involves:

(1) 29,430 sq. ft. pavement;
(2) 28,030 sq. ft. gutter;
(3) 1411 sq. ft. curb;
(4) 6124 sq. ft. sidewalk;
(5) 2 storm inlets;
(6) 3 manholes;
(7) 28 lin. ft. 8-in. storm drain;
(8) 960 lin. ft. 4-in. sanitary house lateral;
(9) 822 lin. ft. 6-in. sanitary sewer;
(10) 13 inlets;

BIDS OPENED

SAN FRANCISCO—Chas. L. Harne, 443 Call Bldg., at $2887.25 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,760 for the improvement of railroad right-of-way in Marina Blvd from Buchanan St. to Lyon St.

The work involves:

(1) 6400 sq. yds. removing grsss weeds and rubbish;
(2) 2560 gals. applying weed killer solution;
(3) 1065 cu. yds. placing rock ballast.

Complete bids follow:

Chas. L. Harney, (1) $0.09; (2) $0.05 (3) $2.05; (4) total, $2887.25.

R. S. Silverberg, (1) $0.059; (2) $0.09 (3) $2.31; (4) $3068.15.

Eaton & Smith, (1) $0.05; (2) $0.12 (3) $2.43; (4) $3215.15.

Theo. Cohn, (1) $0.09; (2) $0.10; (3 $2.35; (4) $3234.75.

M. Bertolino, (1) $0.05; (2) $0.15; (3 $2.50; (4) $3366.50.

J. T. Tobin, (1) $0.18; (2) $0.10; (3 $1.95; (4) $3484.75.

Fay Improvement Co., (1) $0.25; (2 $0.425; (3) $2.75; (4) $5616.75.

All bidders of San Francisco.

All bids referred to the City Engineer. *

BIDS OPENED

SAN FRANCISCO—M. Bertolino, 3 Shotwell St., at $0.24 per sq. ft. submitted low bid to the Department of Public Works, City Hall, under Spec No. 18,839, for the construction of sidewalks on Columbus Ave., Taylor St., Stockton St. ,and other streets. The work involves construction of 10,600 sq. ft. of one-course concrete sidewalk.

D. C. McCabe, at $0.25 per sq. ft submitted the only other bid received.

Bids referred to the City Engineer.

BIDS WANTED

SAN FRANCISCO.—Until May 29 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Specification No 18,862, for widening the roadway of Van Ness Ave. South between 21st and 24th Sts. Estimated cost $8,303.

The work involves:

(1) 3400 l.f. granite curb, redressed and reset;
(2) 12 catchbasins, complete;
(3) 3 do existing gratings to be used
(4) 15 concrete curb inlets;
(5) 174 l.f. 10-inch VCP culvert, in place;
(6) 360 sq. yd. remove existing asphalt conc. pavement, consisting of a 6-in. concrete base and an asphalt conc. wearing surf. where directed;
(7) 10,200 sq. ft. 8-in. Class E concrete pavement;
(8) 210 tons asphalt conc. form pave
(9) 9800 sq. ft. one-course concrete sidewalk;
(10) 300 sq. ft. asphalt-macadam sidewalk, consisting of a 4-in. macadam base and a 1½-in. asph concrete wearing surface;
(11) 9 street signs, reset;
(12) 60 type No. 1 galv. sheet iron pedestrian cross walk markers in place;

) 220 cross walk markers removed and reset;
) 10,200 sq. ft. 1-in. asph. concrete wearing surface to be removed by burning, where directed;
) 100 sq. ft. 6-in. Class E concrete base.

Plans and Specifications obtainable m the office of City Engineer John Casey, Room 351, City Hall, upon h deposit of $10..

DS WANTED

SAN FRANCISCO.—Until May 29, 0 P. M., bids will be received by partment of Public Works, Wm. Worden, Director, Room 251, City ll, under Spec. No. 18,798, for nging the alignment of Sloat Blvd. ween 39th and 42nd Avenues. Es- ated cost, $37,000.

'he work involves:
) 2,000 c.y. excavation;
) 7,500 c.y. embankment;
) 90,000 sq. ft. Class E asphalt-concrete pavement;
) 19,000 sq. ft. 8-in. Class E concrete pavement:
) 190 tons asphaltic conform pavement;
) 40,000 sq. ft. emulsified asphalt wearing surface:
) 1,400 c.y. macadam shoulders, 12 inches thick;
) 120 l.f. 12-in. vitrified clay pipe sewer:
) 45 l.f. 10-in. do;
) 2,300 l.f. redwood headers;
) 1,600 l.f. barbed wire fence, 6-ft. high, 7 strands;
) reconstructing lighting system, lump sum;
) moving 20-in. water main 1,200 ft. long, lump sum.

pecifications obtainable from City ngineer John J. Casey, Room 351, y Hall, upon cash deposit of $10.

S OPENED

AN JOSE, Cal.—Bids were receiv- at the office of City Engineer Wm. Popp, for improvement of Emery eet and Garden Drive under private ract. Bids were taken from a ected list of contractors as follows: on Paving Co., 624 Call Bldg., San Francisco, $8992.03.
ch Improvement Co., San Jose, $9046.46.
W. Heple, San Jose, $9676.51.

he work involves:
35,330 sq. ft. pavement;
38,084 sq. ft. gutter;
1932 lin. ft. curb;
7457 sq. ft. sidewalk;
t concrete inlet;
t manhole;
21 lin. ft. 8-in. conc. storm drain;
134 lin. ft. 10-in. conc. storm drain
2600 sq. ft. 5-in. concrete driveway.

(—RESERVOIRS & DAMS

CTRACT AWARDED

WALLA WALLA, Wash.—Pitts- h-Des Moines Steel Co., Rialto k., San Francisco, at $8,895 sub- ed low bid and awarded contract laf L. Olson, Director of Finance, a Walla State Penitentiary, for ishing a 100,000-gal. water tank, et high, 24-ft. in diameter, and ted on a base 100 ft. from the nd.

cago Bridge & Iron Works, San ncisco, at $9,225, submitted the other bid.

VARDS RECOMMENDED.

EREKA, Humboldt Co., Calif.—T. onnolly Co., 461 Market St., and ahan Co., Hobart Building, San ncisco, at $487,145 for Headworks n and American Concrete & Steel P Corp., 4635 Firestone Boulevard, ngate, at $621,360.08 for Pipeline n, recommended by Eureka City Council for award of contracts to construct portions of the Mad River Water Supply System. Recommended all bids received for Terminal Reservoir Unit be rejected due to insufficient funds.

Recommendations will be forwarded to State PWA Engineer A. D. Wilder.

Award for Headworks Unit omitting inlet tower structure (Items 30-35 in Bid Schedule) with a deduction of $16-000 from total of low bid ($503,145) is advised.

An increased grant from PWA, savings in contingent costs during construction and balance on hand are relied on to provide funds for Terminal Reservoir to be constructed under separate contract at a later date. Low bid for this unit also was submitted by American Concrete and Steel Pipe Corp. at $72,070.

C. C. Kennedy, Call Building, San Francisco, is consulting engineer. E. D. Gardner, city engineer.

BIDS WANTED

FORT PECK DAM, Montana—Until May 31, 11 A. M., bids will be received by the U. S. Engineer Office, Missouri River Division, 707 Postal Telegraph Bldg., Kansas City, Mo., Captain Theodore Wyman, Jr., Assistant to the Division Engineer, for the construction of sheet pile retaining walls for the closure section of the Fort Peck Dam. The work involves:

Schedule 1 Priority 1 (Lower Walls)

(1) 335,000 sq. ft. furnishing and driving steel sheet piling (straight web type);
(2) 12,000 sq. ft. furnishing and driving steel sheet piling (arch web type);
(3) Furnishing and driving 13,000 lbs structural steel beams;
(4) 7800 ft. of wood piling;
(5) 70 MFBM structural timber;
(6) 15 cu. yds. concrete;
(7) 20,000 lbs. structural steel;
(8) 20,000 lbs. hardware.

Schedule 2 Priority 2 (Upper Walls)

(1) 410,000 sq. ft. furnishing and driving steel sheet piling (straight web type);
(2) Furnishing and driving 25,000 lbs. structural steel beams;
(3) 500 lbs. structural steel;
(4) 200 lbs. hardware.

Specifications obtainable from above office.

CONTRACT AWARDED

BOULDER CANYON, Nev. — Kinnear Mfg. Co., Columbus, Ohio, at $38-000 awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 651-D, for furnishing rolling, vertical folding, and swing doors for the Boulder Dam Power Plant.

BIDS WANTED

PUENTE, Los Angeles Co., Cal.—Until May 24, 9:00 A. M., bids will be received by the Whittier Extension Mutual Water Co., Puente, Calif., for constructing a reinforced concrete storage reservoir, 156 ft. in diameter, with a capacity of 2,000,000 gallons. Plans may be obtained at the office of the company (between 8 and 12 A. M.), and at the office of the consulting engineer, Edward R. Bowen, 1132 Central Bldg., Los Angeles, upon payment of $15. H. P. Gable, Secretary.

31 — PIPE LINES & WELLS

BIDS WANTED

YELLOWSTONE NATIONAL PK., Wyo.—Until May 24, 2 P. M., bids will be received by the National Park Service, Roger W. Toll, Superintendent, care Frank A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing all pipe, pipe connections and materials, the transportation, placing and welding of the pipe, and the connections with existing pipe lines, valves, fittings, etc., including all backfill and restoration of the ground surface, for a hydro-electric plant being constructed in the vicinity of Mammoth Hot Springs, Yellowstone National Park. Trench excavation will be done by the National Park Service by its own forces.

Also to expedite the work and to eliminate uncertain features, and features which might complicate the interrelation of contractors, the Park Service with its own forces will construct by day labor completely, a by-pass pipe of standard size, and permanently placed, which will carry the water around the proposed reservoir.

A separate contract will be let for construction of the storage reservoir.

A 300-hp. gasoline driven power unit is being installed as a standby and to provide power during the short intervals while new connections are being made.

Bids will be taken as follows:

(1) 5500 l.f. furnishand install 28-in. inside diameter pipe, ¼-in. plate thickness as herein specified;
(2) 1050 l.f. furnish and install 28-in. diameter pipe, ⅜-in. plate thickness as herein specified;
(3) 500 l.f. furnish and install 28-in. inside diameter ⅜-inch plate thickness as herein specified;
(4) 2500 l.f. furnish and install 20-in. inside diameter pipe 10-gauge plate thickness as herein specified;
(5) 500 l.f. furnish and install 12-in. inside diameter air vent conduit as herein specified;
(6) 2800 l.f. furnish and install 8-in. inside diameter lapwelded plain & standard wrought steel water pipe, as herein specified (subject to 50% increase or decrease)
(7) furnish and install Dresser type couplings as shown on plans, as follows:
(a) 10 each for pipe shown, Bid Item 1;
(b) 3 each do, Bid Item 2;
(c) 3 each do, Bid Item 3;
(d) 2 each do, Bid Item 5;
(e) 3 each do, Bit Item 6;
(8) 2300 l.f. removing present 26-in. dia. penstock from present reservoir to power house, and relaying same in Govt. trench, and backfilling of same;
(9) 10 c.y. furnishing in place all reinforced concrete anchors; with angle iron collars welded on pipe, as shown on plans and in specifications;
(10) extra force account work, if and when requested by written order of the superintendent, will be performed at actual cost for labor and materials plus 15 per cent thereof, said percent to cover profit, overhead, use of tools, equipment, etc., and including workmen's compensation and liability (this percentage must not be changed);
(11) if fabricated material is shipped on Govt. Bill of Lading from factory to destination, the following reduction in the aggregate bid price will be allowed from factory at ..... to Gardiner, Mont. Approx. wt. .....;

ALTERNATE ITEMS

(12) 1100 l.f. furnish and install 18-in. inside diameter pipe, 10 gauge plate thickness as herein specified;
(13) 6600 l.f. furnish and install 15-in. inside diam. pipe, 10 gauge plate thickness as herein specified;
(14) 3 each furnish and install Dresser type couplings as shown on plans, for above Bid Item No. 13
(15) 50 c.y. removing present manholes and replacing with new

reinforced concrete manholes, as shown on plans and specifications.

NOTE: Above items 12, 13, 14 and 15 for auxiliary pipe and enlarged manholes on Swan Lake Flats, are subject to cancellation within Sixty (60) days after award of contract, and the materials therefor shall not be ordered by the contractor until he is specifically notified in writing by the Government that funds are available therefor.

The town of Gardiner, Montana, at the north entrance to the Park, is the terminus of a branch line of the Northern Pacific Railway. The haul from Gardiner to the site of the work will be 5 to 10 miles of good highway, the work being located over a distance of five miles.

Plans and specifications obtainable from the Superintendent, Yellowstone National Park, Wyoming, or from the Chief Engineer, 409 Underwood Bldg., San Francisco. A copy of the plans and specifications is on file at the office of PACIFIC CONSTRUCTOR.

RECOMMENDATION APPROVED.

SAN FRANCISCO.—Clifton Hickok, Northern California Engineer for the PWA, has approved recommendation of the Public Utilities Commission, that contract for laying the College Hill Pipe Line from the reservoir to Duboce Ave., under S. F. W. D. Spec. No. 73, be awarded Eaton & Smith, 715 Ocean Ave., at $118,967.30.

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith 715 Ocean Ave., at $118,967.30 awarded contract by the Public Utilities Commission, City Hall, under W. D. Spec. No. 73, for laying the College Hill Pipe Line from the reservoir to Duboce Avenue.

PROJECT DEFEATED

TULARE COUNTY, Cal.—Proposal to form the Central Counties Municipal Utility District incorporating cities of Porterville, Lindsay, Tulare and Corcoran to construct a natural gas supply and distributing system was defeated at a special election May 10. The issue was favored by voters in Lindsay and Tulare, lost by three votes in Corcoran and by a vote of 292 to 545 in Porterville. Mayor Chas. F. Burr of Lindsay, proponent of the project, and others will meet to consider future action.

Preliminary estimates of construction costs have been prepared as follows:

CORCORAN: $32,025 for seven miles of the general system, one-half mile of four-inch mains, six and a half miles of two-inch mains, 400 services, 400 meters and regulators and a 5% contingency fund.

LINDSAY: $96,140, for 18 miles of the general system, one mile of six-inch mains, four miles of four-inch mains, thirteen miles of 2-inch mains, 1,200 services, 1,200 meters and regulators, and 5% contingency fund.

PORTERVILLE: $116,195, for 24½ miles of the general system, ½-mile of six-inch mains, four miles of four-inch, twenty miles of two-inch, 1,300 services, 1,300 meters and regulators and 7% contingency fund.

TULARE: $132,680, for twenty-nine miles of the general system, one mile of six-inch mains, four miles of four-inch, twenty-four miles of two-inch, 1,400 services, 1,400 meters and regulators and 7% contingency fund.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until July 2, 3:30 P. M., bids will be received by County Sanitation Dist. No. 2, 202 Law Bldg., 139 N. Broadway, for the construction of that portion of Unit 1 of the Joint Outfall Sewer extending from the District Joint Sewage Disposal Plant near Harbor City to the ocean shore line near White Point, west of San Pedro, in accordance with plans prepared by A. K. Warren, Chief Engineer, as follows:

The construction of a reinforced concrete lined tunnel approximately 31,115 ft. in length, horseshoe shape, in section and approximately 8 ft. in diameter between the interior finished lines of the concrete lining; also the construction of approximately 960 ft. of reinforced concrete conduit, approximately 8 feet in interior diameter; also the construction of reinforced concrete manhole structure, reinforced concrete transition and valve chamber connecting the tunnel to the ocean outfall pipes and also the installation of approximately 120 ft. of a double line of 60-in. cast iron pipe. The work has been divided into schedules as follows:

No. 1—1.72 miles in length;
No. 2—2.66 miles in length;
No. 3—1.72 miles in length.

The estimated cost is $1,850,000.

Bids may be submitted on any or all schedules or any combination of the schedules. The time limit set for completion is two years from date of award of contract.

Plans and specifications will be ready for contractors on May 20 and not before. Copies may be obtained after that date from the office of the Chief Engineer, A. K. Warren, 202 Law Bldg., upon payment of $5, not returnable. Bids must be accompanied by a bid bond for 10%. A. S. Soule, Secretary.

The schedules and items follow:

SCHEDULE NO. 1

Construction of that portion of Unit No. 1 of the Joint Outfall Sewer between Station 49 plus 78 and Station 140 plus 50.

(1) tunnel access work, lump sum;
(2) 34,000 c.y. excavation for tunnel section;
(3) 200 c.y. excavation for tunnel enlargement;
(4) 120 l.f. double line of 60-in. C.I. pipe (installing ocean outfall pipes complete in place);
(5) constructing manholes and transition and valve chamber and installing 60-in. valves and nipples complete in place (lump sum);
(6) does not apply here;
(7) 13,000 c.y. concrete in tunnel;
(8) 280 tons furnishing and erecting steel support in tunnel;
(9) 525 M. ft. B. M. furnish and place permanent timbers in tunnel;
(10) 1,402,000 lbs. furnishing and placing reinf. steel in tunnel conc.;
(11) 125 c.y. gunite coating of rock in tunnel;
(12) 5000 l.f. drilling grout holes;
(13) 1000 connections for grouting;
(14) 660 c.y. mixing and placing grout.

SCHEDULE NO. 2

Construction of that portion of Unit No. 1 of the Joint Outfall Sewer between Station 140 plus 50 and Station 281 plus 00.

(1) tunnel access work, lump sum;
(2) 50,000 c.y. excavation for tunnel section;
(3) 300 c.y. excavation for tunnel enlargement;
(4) does not apply here;
(5) does not apply here;
(6) does not apply here;
(7) 19,100 c.y. concrete in tunnel;
(8) 365 tons furnishing and erecting steel support in tunnel;
(9) 1000 M. ft. B. M. furnish and place permanent timbers in tunnel;
(10) 2,207,000 lbs. furnishing and placing reinf. steel in tunnel conc. tunnel;
(11) 125 c.y. gunite coating of rock in tunnel;
(12) 5000 l.f. drilling grout holes;
(13) 1000 connections for grouting;
(14) 700 c.y. mixing and placing grout.

SCHEDULE NO. 3

Construction of that portion of Unit No. 1 of the Joint Outfall Sewer between Stations 281 plus 00 and 372 plus 02.

(1) tunnel access work, lump sum;
(2) 28,000 c.y. excavation for tunnel section;
(3) 100 c.y. excavation for tunnel enlargement;
(4) does not apply here;
(5) does not apply here;
(6) 960 l.f. constructing reinf. conc. conduit complete in place;
(7) 10,200 c.y. concrete in tunnel;
(8) 105 tons furnishing and erecting steel support in tunnel;
(9) 800 M. ft. B. M. furnish and place permanent timbers in tunnel;
(10) 1,289,000 lbs. furnishing and placing reinf. steel in tunnel conc. tunnel;
11) 50 c.y. gunite coating of rock in tunnel;
(12) 500 l.f. drilling grout holes;
(13) 100 connections for grouting;
(14) 50 c.y. mixing and placing grout

BIDS WANTED

SAN FRANCISCO—Until May 29 2:30 P. M., bids will be received by the Department of Public Works, W. H. Worden, Director, Room 251, City Hall, under Specifications No. 18,778 for construction of sewers and appurtenances in Bradford Street, between Cortland Ave. and a point 160 feet northerly from the northerly line of Jarboe Street. Estimated cost $1600.

The work involves:

(1) 410 lin. ft. 8-in. vitrified clay pipe sewer;
(2) 28 each "Y" branches on V.C.P. sewer;
(3) 2 each brick manholes.

Specifications obtainable from City Engineer John J. Casey, Room 351 City Hall, upon cash deposit of $10.

BIDS WANTED

SAN FRANCISCO.—Until May 29 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, under Specification No. 18,797, for construction of sewers and appurtenances in the area adjacent to the crossing of 18th and Folsom Streets. Estimated cost, $52,000

The work involves:

(1) 564 l.f. 7-ft. 6-in. circular reinforced concrete sewer;
(2) 100 l.f. 6-ft. 3-in. do;
(3) 713 l.f. 18-in. VCP sewer incased in concrete;
(4) 49 l.f. 15-in. VCP sewer;
(5) 4 manholes on concrete sewer;
(6) 3 manholes on VCP sewer on piles;
(7) 1 manhole on VCP sewer;
(8) 50 18x8-in. Y or T branches;
(9) 1 reinforced concrete taper connection;
(10) 36 l.f. 10-in. VCP culvert;
(11) 713 l.f. 6-in. VCP underdrain covered with concrete or imbedded in brocken rock, as directed;
(12) 664 l.f. 12-in. VCP do.
(13) 11,100 l.f. piles, below cutoff;
(14) 600 l.f. borings;
(15) 400 l.f. 8-in. VCP side sewers.

Plans and Specifications obtainable from the office of City Engineer John J. Casey, Room 351, City Hall, upon deposit of $10.

FUNDS ALLOTTED

ROSEBURG, Ore. — Federal Public Works Administration has announced allotment of $35,000 to the Veterans Administration to furnish sewage di

posal for the Veterans' Facility at Roseburg.

The allotment, which was made from old PWA funds, is a contribution to the City of Roseburg as the Government's share of the cost of constructing connecting sewers and a sewage disposal plant to serve the Veterans' Facility at that place.

The allotment is made subject to a satisfactory agreement between the Federal Government and the City of Roseburg which already has received a loan and grant of $72,000 for the construction of a sewage disposal plant.

BIDS WANTED

LOS ANGELES, Cal.—Until June 5, 10 A. M., bids will be received by the Los Angeles board of public works, City Hall, for constructing vitrified clay pipe sanitary sewer and appurtenances in Inglewood Blvd., between Victoria Ave. and Venice Blvd., and portions of other streets and alleys in the Mountain View Ave. and Venice Blvd. Sewer District (1911 Act).

The work involves:

(1) lump sum sanitary sewer complete not including house connections, chimney pipe or resurfacing, including:
- 6054.07 l.f. 8-in. standard strength vit. clay sewer pipe, including 198 8x6-in. wyes;
- 6429.17 l.f. 8-in. extra strength vit. clay sewer pipe, including 236 8x6-in. wyes and five 8x6-in. tees;
- 34 standard manholes "B" (Plan No. 27935);
- 2 standard junction chambers "F" (Plan No. 27937);
- 3 standard drop manholes "S" (Plan No. 27965);
- 4 standard flushing manholes "E" (Plan No. B-1611);
- 1 standard Maddox flushing tank "C" (Plan No. B-743);
- 22 standard manholes "F & C" (Plan No. B-1742);
- 22 do. (Plan No. B-1743);
- 12 l.f. concrete reinf. "X" for 8-in. pipe (Plan No. B-1681);

(2) 146 l.f. 6-in. vit. clay house connection sewers, includ. 15 6-inch ¼th bends;
(3) 55 vert. ft. 6-in. chimney pipe (Plan 27951), includ. five 6x6-in. wyes;
(4) 1109 sq. ft. Class A resurfacing;
(5) 26,380 sq. ft. Class AA do;
(6) 92 sq. ft. Class C do.

TO ASK BIDS

MEDFORD, Oregon.—Medford City Council has set June 12 as the tentative date for receiving bids for the construction of a sewage disposal plant estimated to cost $100,000. Plans are being completed by Greeley and Hansen, Sanitary Engineers, Chicago, Ill. F. W. Scheffel, City Engineer.

Work will be financed in part by PWA funds.

33— WATER WORKS

BIDS OPENED

OAKLAND, Calif.—Kennedy Valve Mfg. Co., Iowa Valve Co., Rensselaer Valve, Grinnel Co. of the Pacific, A. P. Smith Mfg. Co., Oakland Plumbing & Supply Co., Rich Mfg. Co., Pacific States Cast Iron Pipe Co., and the Crane Company submitted identical bids to the East Bay Municipal Utility District, John S. Kimball, Secretary, Oakland, under Proposal L.S. 145, for furnishing gate valves.

The bids were:
(1) 150 4-in. valves, $1,930.50;
(2) 300 6-in. valves, $6,437.00;
(3) 25 8-in. valves, $828.75.
TOTAL, $9,194.25.

Bids held under advisement.

CONTEMPLATED

SANTA CRUZ, Santa Cruz Co., Cal. The Water Department contemplates the laying of new 16-inch water main on Davis Street in the west side. Estimated cost, $20,000.

CONTRACT AWARDED

WALLA WALLA, Wash. — Valley Iron Works, Inc., Yakima, Wash., at $6650 awarded contract by the Veterans' Administration, Washington, D. C., for deep well pump and pump house at the Veterans Administration Facility, Walla Walla, Wash.

CONTRACT AWARDED

SAN FRANCISCO. — San Francisco Water Dept., at $10,331.50 awarded contract by T. A. Brooks, Purchaser of Supplies, under Bid No. 1362, for furnishing 400 6-in., 50 12-in., and 36 16-in. gate valves.

BIDS WANTED

JACKSONVILLE, Ore. — Until May 27, bids will be received by the Jacksonville City Council for waterworks improvements, including the construction of a 6x8-ft. tunnel approximately 200-ft. long, with portals; furnishing and installing about 8,500 feet of 6-in., and about 1330 ft. of 8-in. water pipe with necessary connections, fittings, valves, specials, and other accessories. All materials are to be furnished fob Jacksonville.

Separate contracts will be let for:
(1) Tunnel;
(2) Furnishing materials;
(3) Labor;
(4) Installing pipe and fittings.

Plans by Engineer D. T. McDonough, City Hall, Medford.

Work will be financed in part by PWA funds.

BONDS DEFEATED

KLAMATH FALLS, Ore. — A proposal to issue $1,500,000 in bonds to finance construction or purchase of a municipally owned water system was defeated at an election May 3.

Willis E. Mahoney, mayor.

TO ASK BIDS

TACOMA, Wash.—Final plans for the construction of the third unit of the Green River Gravity water line have been approved by the PWA and bids will be asked shortly.

The work will involve: 13,490 ft. of 42- and 550 ft. of 58-in. steel or concrete pipe; 1136 ft. of 42- and 5,698 ft. of 48-in. steel pipe, and construction of a new gravity control system at J Street standpipe.

City Water Superintendent W. A. Kunigk, prepared the plans. Work will be financed by a PWA allotment of $317,000 and local funds in amount of $150,000.

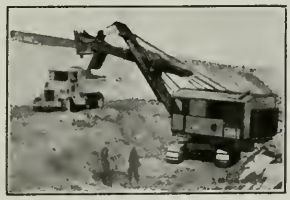
34— PARKS & PLAYGROUNDS

May 16, 1935

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Ransome Co., 4039 Hollis Street, Emeryville at $4,016.92 (4 tennis courts), and at $6,202.04 (6 tennis courts) submitted low bid to the Regents of the University of California for constructing tennis courts on the campus of the University of California, Berkeley. Only other bid was submitted by W. H. Larson, Berkeley, at $4,657 (four tennis courts and $7,727 (six tennis courts). Bids held under advisement. (6778) 1st report May 3, 1935. * 34

Office Phones, DO. 4790, DO. 2895 - Residence Phone, SK. 0651



ROSENBERG BROS.

Hauling and Grading

50 MERLIN STREET
SAN FRANCISCO, CALIF.

50- 70- 75-h.p. Firebox Boilers

125- and 150-lb. W. P., A.S.M.E. Code built at Taft; Coalinga and San Francisco. Write for Details.

OCEAN SHORE IRON WORKS
MA rket 0462 - 550 Eighth Street - San Francisco

DICKEY Burned Clay Products

Mastertile - Partition Tile - Face Brick - Drain Tile - Fire Brick
Common Brick and Mortar Colors

SAN FRANCISCO OFFICE:
116 New Montgomery Street - Telephone SUtter 4345
Sar Francisco: Seventh and Hooper Streets
OAKLAND OFFICE AND YARD:
First and Jackson Streets - Telephone GLencourt 2027

Section 435½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

$3,031,000 Allotted East-bay Army Air Field

Four Carmel Highway Bridges Advertised

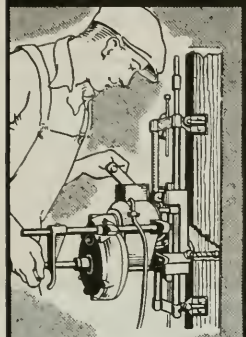
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

AY 25, 1935

Vol. XVIII—No. 21

WAPPAT Electric TOOLS



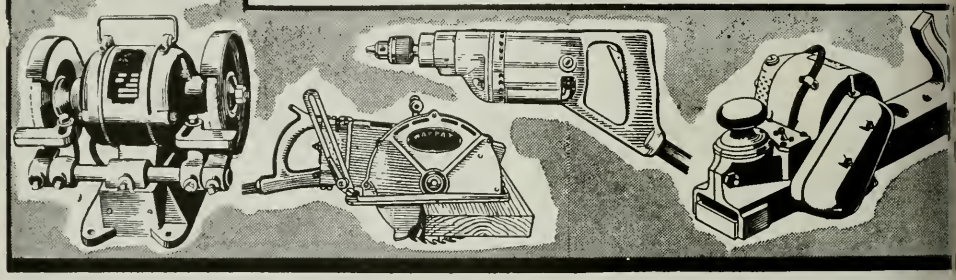
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., MAY 25, 1935 No. 21

$3,031,000 FOR BENTON FIELD WORK APPROVED

Plans Ready For $2,500,000 Building at Alameda Army Base

Completion of Benton Field, Alameda, was among the federal projects approved yesterday for immediate construction with an appropriation of $3,031,195 from the new work-relief fund, according to dispatches from Washington. Work will start as soon as the money is available, Captain Leander Larsen, constructing quartermaster, said.

Improvements, principally buildings, have been planned to cost about $2,500,000. This includes supply buildings, airplane machine shop, hangars, administration building, quartermaster's warehouse, fire station, dispensary, fuel storage and handling facilities. The appropriation amount indicates other work, possibly reclamation of additional tidelands to extend the field area is considered.

Benton Field is on the western waterfront of Alameda, between San Francisco Bay Airdrome and Alameda Airport. When completed it will be come the central supply base for the Army Air Corps in the Pacific region. About $500,000 has been spent to date in reclaming and grading the site.

TREASURY DISCONTINUES DEPOSIT FOR PLANS

Change in the rules of the Treasury Department regarding issuance of plans to general contractors for federal building is effective, permitting a contractor to borrow two sets of drawings without deposit. The plans must be returned immediately after bids have been submitted.

Contractors requiring additional sets may obtain them by purchase at a cost of $15 per set, which will not be returned. Plans will not be furnished to contractors free who consistently fail to submit bids after having requested them.

SPARKS LOW ON ORANGE PAVING

LOS ANGELES, May 23.—C. O. Sparks, 2309 East Ninth St., Los Angeles, today submitted the low bid to the State Highway Engineer here for about 1.4 miles grading and paving with Portland cement concrete in Orange County between Anaheim and Miraflores. Griffith Co of Los Angeles was second bidder at $39,544 for asphalt concrete pavement and $40,145 for cement concrete. Sparks did not bid on the asphalt concrete alternate.

For widening four 30-ft. spans on a reinforced concrete girder bridge across Newhall Creek at Newhall, Los Angeles County, R. R. Bishop, 5017 East Broadway, Long Beach, submitted a low proposal of $13,780.

Eleven CCC Camps In Local District To Cost $200,000

Construction of 11 new camps for the Civilian Conservation Corps in the Sacramento district, which includes the San Francisco area, will be started shortly, according to Major C. E. McCarthy, district commander.

Cost of the new units is estimated at $200,000.

Five of the camps are to be in Nevada, one at Tahoe City, one in El Dorado County, one in Solano County and three in the bay area.

The camps are as follows: Nevada—Camp Reno; Camp Walker River, near Yerington; Camp Hawthorne No. 2; Camp Newlands, near Fallon, and Camp Lovelock. California: Camp Tahoe City; Camp Alpine Lake, near Fairfax, Marin County; Camp Wild Cat Canyon, near Berkeley, and Camp Fort Scott, San Francisco. The locations of the Solano and El Dorado County camps have not been selected.

April shipments of electric industrial trucks and tractors, as reported by ten leading manufacturers, totaled 75, as compared with 72 in April 1934 and 12 in April 1933, according to the Bureau of the Census.

FOUR BRIDGES ADVERTISED ON CARMEL ROUTE

Commission Sets Date For Bids On Two More Timber Spans in Monterey

SACRAMENTO, May 21.—Bids for construction of two timber bridges on the Carmel-San Simeon route will be received by the State Highway Commission at Sacramento, June 12. The structures are to be located 38 and 43 miles south of Monterey, one across Limekiln Creek and the other across Vicente Creek.

The commission last week advertised two other bridges on the same route for bids to be received June 5. They are to be constructed of timber also and are located in the same vicinity, one across Pfeiffer Canyon and the other across Toree Canyon.

Bids will be opened also June 12 for surfacing with plant mixed asphalt in Madera county, 7.8 miles between Coarse Gold and Oakhurst.

The Monterey and Madera contracts include the only new work authorized today by the commission.

SAN MATEO COUNCIL NAMES PLAN BOARD

San Mateo City Council has appointed a new city planning commission, after declaring vacant all positions in the board because a definite term was not fixed in 1929 when the board was established. Members of the new commission are:

A. W. Deuel, for a term of four years; R. H. Hamilton three years; N. T. Ole, two years; H. D. Oscher, two years; Mrs. Elsa S. McGinn, one year, and V. O. Davis, one year. Serving with them in an ex-officio capacity will be Councilman C. K. Cheney, City Manager E. P. Wilsey, and City Attorney E. A. Wilson.

HEAD COMMISSION

O. F. Campbell of Palo Alto has been elected chairman of the Santa Clara County Planning Commission. The board voted to retain Hugh R. Pomeroy as secretary and advisor

LOWELL SCHOOL RECONSTRUCTION BIDS RECEIVED

H. L. Petersen Low Bidder on Rebuilding; Open Proposals For Sewer Section

Bids for repairing fire damage to Lowell High School and for construction of sewers in Sixth Street between Townsend and Channel were opened yesterday by the San Francisco Department of Public Works.

H. L. Petersen, 731 Treat Ave., submitted a low proposal of $140,-382. The only other bid received for this contract was that of O. Monson, at $141,500. Specifications for the work were prepared by L. H. Nishkian, consulting engineer.

Healy-Tibbitts Construction Co., 64 Pine Street, was low bidder tor the Sixth Street sewers, with a proposal of $81,370. Peninsula Paving Company submitted second low bid at $98,573.

The work involves 947 feet of 6-foot circular reinforced concrete sewer, the same length of 12-inch vitrified clay pipe underdrain, 73,-000 feet of piles, and other items.

Total bids were as follows:

Healy-Tibbitts Const. Co.	$ 81,370
Peninsula Paving Co.	98,573
Clinton Const. Co.	99,594
MacDonald & Kahn Co., Ltd.	111,711
Chas. L. Harney	113,383
Union Paving Co.	114,340
Merritt, Chapman & Scott	118,984
M. J. Lynch	128,492
Eaton & Smith	133,619
C. C. W. and H. H. Haun	139,997

SERA to Build San Luis Obispo County Projects

San Luis Obispo county supervisors have prepared applications to SERA for labor to complete the county court house on which construction has been started by S E R A workers.

The county now is asking $217,-570 for completion of the building, including $30,852 for the manufacture of brick and tile at a San Luis Obispo manufacturing plant which SERA has rehabilitated.

Plans for the court house, prepared by Architects Walker and Eisen, Los Angeles, provide for 54,-190 square feet of floor space. The building will house all county offices as well as courts and the basement will be fitted as a hall for the use of veterans' organizations.

In anticipation of an expanded SERA program the board of supervisors has directed Architects Walker and Eisen to prepare plans for a nurses' home, tubercular sanitarium and home for the aged to be added to the county hospital plant.

Contract System Mandatory for Rebuilding Schools

Reconstruction of public buildings in Southern California damaged by the 1933 earthquake must be done by the contract system if the work is financed with loans obtained through the State Board of Public Building Reconstruction.

Attorney-General U. S. Webb has so advised the board in response to an inquiry as to whether SERA labor could be employed in the rehabilitation. The ruling affects principally public school buildings which are being rehabilitated with money obtained on long-term loans from a special federal appropriation which is administered by the Board of Public Building Reconstruction of the State Department of Education.

Mr. Webb's letter to the board stated:

"You have asked the advice of this office as to whether the Board of Public Building Reconstruction, created by Chapter 602 of the Statutes of 1933, may reconstruct or replace school buildings by what is, in effect, day labor, by purchasing materials, renting equipment, employing a superintendent of construction and using SERA labor.

"I find no authority in said Chapter 602 for such action. I do find in Sections 9 and 10 of said chapter a provision to the effect that all contracts by the Board of Public Building Reconstruction for the construction of the whole or partial reconstruction of any building shall be let by the said board to the lowest responsible bidder, who shall give such security as the board may require. * * *

"I am of the view that this Chapter 602 does not contemplate the construction or reconstruction or replacing of school buildings by any method other than by the letting of contracts after the calling for bids, as provided for in said statute."

Highway Engineer Appointed Nevada State PWA Head

J. L. Vandiver, who has been division highway engineer at Elko, is to be state PWA engineer for Nevada, it was announced yesterday. He has submitted his resignation to State Highway Engineer R. A. Allen effective June 1.

A. M. Smith, who has been acting PWA engineer since Mr. Allen was appointed to the state office, is to become Nevada state engineer succeeding George W. Malone. Mr. Malone has tendered his resignation to Governor Kirman effective May 25.

CURRENT WAGES TO PREVAIL ON WORK PROJECTS

Pay Rates Unchanged on Contract Portion of U. S. Program

Contract construction work financed from the Federal work-relief appropriation apparently will be done at current wage rates on the basis of the Presidents order fixing rates of pay. Dispatches from Washington reported express exemption of all classes of work generally done by contract.

The exemptions include PWA projects, which may be expected to cover all major municipal and state work, highway construction, grade crossing elimination and Federal buildings.

State highway departments are to retain the right to fix wages for their projects, subject to the U. S. Bureau of Public Roads approval, while prevailing wages are to be paid on Federal building construction. PWA Administrator Ickes is reported to have approved continuance of the present wage rates for PWA projects, which in Northern California are $1.10 an hour maximum and 45 cents an hour minimum.

The Presidents pay scale on work-relief projects other than those exempted in Region 1, including the state of California, Nevada, Arizona and other western states, follows:

For unskilled work—In counties in which the 1930 population of the largest municipality was over 100,-000, $55 a month; from 50,000 to 100,000, $52 a month; from 25,000 to 50,0000, $48; from 5,000 to 25,000 $44; under 5,000, $40.

For intermediate work in the same respective population classes —$65, $60, $55, $50 and $45.

For skilled work—$85, $75, $70, $63 and $55.

For professional and technical work—$94, $83, $77, $69 and $61.

Dispatches yesterday stated that the 40-hour week would prevail in the new construction program. Presumably this order will affect all projects, whether done by contract or by day-labor. The 40-hour week instead of the 30-hour week has been advocated by contractors generally as permitting more efficient operations as well as increasing the earnings of individual workers. If it is extended to all classes of projects it is expected to improve working conditions materially.

REDWOOD TO ADOPT UNIFORM CODE

Pacific Coast Building Officials uniform building code has been approved for adoption in Redwood City. The city council has directed the city attorney to prepare an ordinance enacting the code by reference. It will be introduced at an early meeting.

Treasury Has $4,110,000 From Previous Allotments For California Buildings

California projects to cost approximately $4,110,000 are planned by the Treasury Department under the combined emergency program and regular building program, according to the latest progress report of the department. The present program does not include any appropriation from the new work-relief fund.

Three projects, estimated to cost $683,240 are now out for bids; four, to cost about $333,300, are in the specification stage and should be ready for advertising in the near future; and sites have been selected and plans ordered for sixteen others, for which $3,094,315 has been allotted, including the $1,225,00 San Francisco mint building.

The following projects are now out for bids:

San Pedro	$568,840
San Gabriel	57,200
Van Nuys	57,200
Total	$683,240

California projects now in the specification stage include:

Claremont	$ 51,700
San Rafael	64,900
Santa Monica	130,900
Ventura	85,800
Total	$333,300

Among the projects for which sites have been selected and plans partially completed are:

Anaheim	$120,000
Alhambra	178,415
Lodi	55,000
Madera	50,600
Montebello	45,100
North Hollywood	61,700
Redding	79,200
Salinas	83,000
San Diego (Coast Guard Air Station)	280,000
San Diego	410,000
San Francisco (Mint)	1,225,000
South Pasadena	63,800
Whittier	71,500
Hayward	89,000
Pasadena	215,000
Tracy	67,000
Total	$3,094,315

Western States Receive $79,000,000 Federal Highway Construction Grant

Eleven western states will receive a total of $79,488,032 for street and highway construction and grade separation structures from the first allotment of half a billion dollars to this type of work recommended by the President's public works board from the new work-relief fund. California's share will be $11,714,031 for highways and $7,486,362 for grade separations, a total of $19,200,393.

The initial allottment from the $800,000,000 portion of the appro-priation earmarked for highways and grade crossings has been recommended as $200,000,000 for highways, $200,000,000 for grade crossings and $100,000,000 to the 1936 federal aid highway program.

HIGHWAYS

Allotments in the following table include each sate's share of the new work-relief money and the Hayden-Cartwright federal aid program for 1936:

Arizona	$ 3,908,808
California	11,714,031
Colorado	5,138,266
Idaho	3,361,490
Montana	5,561,283
Nevada	3,394,252
New Mexico	4,342,247
Oregon	4,587,549
Utah	3,133,499
Washington	4,579,367
Wyoming	3,363,011
TOTAL	$53,083,803

The distribution to states from which the west's share has been computed to be in excess of $79,000,000 is based on the formula for allocations prescribed by the act, the factors being population, road mileage and railway mileage.

So far as is known the first allotment does not provide for any national forest and park road construction, carried on directly thru the U. S. Bureau of Public Roads. Provision for this work is expected to be announced shortly. It will bring several million dollars more to California, Nevada and other western states for highway work.

Although the allotment recommended by the works board is expected to be made available at once for contracting by state highway departments it appears that at least sixty days will expire before any of it is obligated. Federal authorities have not indicated what wage and hour provisions will be established governing its expenditure. Several weeks undoubtedly will elapse between the determination of these and other contract regulations and the time work can be advertised, even though the engineering has been completed.

GRADE SEPARATIONS

Allotments of federal work-relief funds for grade separation structures and protection devices from the initial $200,000,000 appropriation:

Arizona	$ 1,256,099
California	7,486,362
Colorado	2,631,567
Idaho	1,674,479
Montana	2,722,327
Nevada	887,260
New Mexico	1,725,286
Oregon	2,334,204
Utah	1,230,763
Washington	3,095,041
Wyoming	1,360,841
TOTAL	$26,404,229

S. P. TO BUILD $100,000 DEPOT AT SAN JOSE

Plans Ready for New Building; Work Above Foundation To Be Contracted

Southern Pacific Company will let a contract within a few weeks for construction of a new station building at San Jose to cost more than $100,000, it was announced at the company's offices here Saturday. Plans for the building have been filed with City Building Inspector R. V. Lotz. The building was designed by Architect J. H Christie.

It is to be located at the foot of San Fernando street on the west side track realignment which is being completed by the company. The company' forces have started excavation and will construct the concrete foundations under supervision of E. C. Morrison, district engineer. The building will be completed by contract.

Similar in design to the new stations in Sacramento and Stockton, the building will be 256 ft. in length and 80 ft. in width. It will be two stories in height. The passenger lobby will be 80 by 40 feet. This will open on a glass enclosed concourse on the train side, 36 by 118 feet. Passenger ramps and subways will serve three track platforms.

Space will be provided for district passenger and freight offices, baggage room, telephone and telegraph exchanges.

The building will be of steel frame with tile roof. Walls will be of brick with stucco exterior finish.

Railway Express Agency is to construct a smaller building of similar design adjoining the station.

EDDY ELECTRIC ENLARGES STORE

Eddy Electric & Mechanical Co. of Stockton formally opened their enlarged and remodeled store at 309 East Weber avenue.

The store has been remodeled and the floor space doubled.

Eddy Electric Company was started in 1918 by E. W. Suplick and in 1928 Rollin Goold entered parnership with him. The company recently has expanded its activities to include electrical and mechanical contracts on many Northern California buildings.

Mechanical work now being done by the company includes plumbing, heating and electrical equipment in the Trinity county courthouse at Weaverville; kitchen, dining room and boiler plant at the new Camarillo State Hospital; electrical work at Turlock postoffice; high pressure underground water system and overhead sprinkler system at the Port Stockton Grain Terminal, Inc., and electrical equipment at Lumber Distributors, Inc., at the deep water port

MATERIAL CODE AWARD PROTEST HELD INVALID

General Contractors Win Dispute Over Nevada Highway Job Jurisdiction

Protest of the code authority for the Bituminous Road Material Distributing Industry against award of two highway construction contracts has been over-ruled by R. A. Allen, Nevada state highway engineer, on advices from Washington that the protest was invalid. The code authority objected to the awards to Gibbons & Reed and W. W. Clyde & Co., low bidders, on the ground they had not complied with the bituminous road material code.

Jurisdiction of the bituminous material distributors code and that of the highway contractors sub-division of the General Contractors' Code is in dispute due to lack of a final ruling from NRA. Upon appeal to the California State Administrative Agency for General Contractors, a telegraphic opinion was obtained from Washington, upon which the Nevada awards were confirmed.

Harry J. Kirk, manager of the highway division, Associated General Vontractors, advises the agency that general contractors should make no payments to the bituminous code authority.

"Advise highway officials to take stand they will not recognize contractors complying with Construction Code as in violation of Bituminous Code until so notified by N R A compliance Officer, Washington," Mr. Kirk wired. "In line with former decisions on Rock and Gravel Code we predict NRA will hold the bituminous work is incidental to highway contractors' operations as shown in definition Chapter II-C, approved by President subsequent to his approval of Code 530."

DURKEE HEAD OF HOTEL COMPANY

S. C. Durkee, former Nevada state highway engineer, is president of Sierra Securities Company, which has purchased the Overland Hotel, one of Reno's largest hosteiries, and will operate it, Reno dispatches state. John P. Rowson, formerly with the state highway department in the Reno office, is to manage the hotel, it is reported.

PACIFIC BRIDGE CO. OPENS HEADQUARTERS

Pacific Bridge Company has established field offices and headquarters at the west approach to Dumbarton Bridge for their contract to construct the submarine section of Bay Crossing Pipe Line No. 2. Jack Graham is job superintendent. An office is being maintained at 1114 Balfour Bldg., San Francisco, in charge of Philip Hart.

ORINO LOW ON TRACK REMOVAL

PORTLAND, Ore., May 21.—Low bid for relocating 6 miles of the O. W. R. R. & N. Co. tracks in the vicinity of Bonneville dam site was submitted today by San Orino, Spokane. His bid to U. S. Engineers here was $793,191. Second low bid was submitted by Siems Spokane Co. at $808,889; third low by Paul J. Tyler, Oroville, Cal., $835,183.

HARBOR PLAN FIRST ON NEW PWA DOCKET

San Jose Request For $450,000 Federal Aid Received By Wilder

First formal application for funds for a Northern California project under the new Federal program was received this week by PWA Engineer A. D. Wilder when the city of San Jose applied for a grant of $450,000 to aid in financing construction of a deep water harbor on San Francisco Bay, to cost approximately $1,750,000.

The harbor will be located at the mouth of Guadaloupe river. A deep water channel 300 feet wide and 27 feet deep will be dredged from Dumbarton Point to mouth of the river, a distance of 6,000 ft. The project also will include construction of a turning basin at "Port San Jose," a wharf, warehouse, highway and belt railroad.

James J. Walsh of San Francisco is consulting engineer for the San Jose Harbor Project.

DESIGN VALVE FOR CONVECTOR RADIATOR

A gate valve especially built for convector radiators recently has been placed on the market by the American Radiator Company. It is designed to offer a compact straightway valve that can be used conveniently within the restricted dimensions found in enclosures, according to the manufacturer.

The new valve has a female union on one end to facilitate installation when a bottom connection is used on radiators of this type. A male thread on the other end screws directly into the convector before the latter is set in position. The union connection then is screwed down over the stub after the radiator has been placed, and the operation is complete. The product is known as the No. 375 Ideal Convector Gate Valve.

ALLOCATIONS TO LOCAL PROJECTS CHANGED BY PWA

Increase Allowed in Grants To Meet Higher Costs; $150,000 For Carson School

Announcement of several changes in Federal Public Works Administration allotments to California projects, together with a new allocation of $150,000 to the Carson Indian School at Carson, Nev., for rebuilding the boys' dormitory recently destroyed by fire, has been made in Washington by Administrator Harold L. Ickes.

A loan and grant of $216,000 for a high school building in Albany has been changed to a grant of $11,000. Original plans called for construction of a new 3-story building, but revised plans call for constructing and equipping an addition to the existing building.

The grant of $202,000 allotted to the Stockton Port District for harbor improvements has been increased to $204,300, due to increased cost of the work.

Loans and grants for school building and reconstruction in Long Beach totaling $3,486,900 have been increased to $3,596,000 due to increased costs. A loan of $402,000 allotted to the Sisters of Charity of the Incarnate Word in Long Beach for a five-story hospital building and a one-story service building, including purchase and installation of equipment, has been reduced to $300,000 because plans have been modified and now calls for constructing and equipping a four-story and basement hospital building.

A loan and grant of $43,000 for an addition to a Tehachapi school building has been increased to $47,500 because the completed project has cost more than estimated when the allotment was made.

A loan and grant of $75,000 for a swimming pool in Hayward has been changed to a $21,400 grant.

The dormitory at the Carson Indian School, which has been allotted $150,000, accommodated 100 boys. Reconstruction is imperative, it is reported, as there are no other facilities at the school or nearby which can be used to house the students.

ANNOUNCE NEW AIR VELOCITY METER

A new type air velocity meter, known as the Boyle Velometer, has been placed on the market by the Illinois Testing Laboratories, Inc. It is a direct reading meter, and no mathematical caculations or stop watches are necessary to determine the velocity reading, the manufacturer states. Information may be obtained by writing the laboratories at 420 North La Salle Street, Chicago, Ill.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
474	San Francisco	Owner	18000
475	Anza	Owner	4000
476	Kern	Petterson	2000
477	Heyman	Lindsay	3000
478	Heyman	Lindsay	3000
479	Lurie	Cahill	40000
480	Hackett	San Francisco	200
481	Alcutt	Steiger	1500
482	McCarthy	Owner	1200
483	Connor	McCormick	1800
484	Sommer	McLaughlin	3000
485	Stanton	Early	5000
486	Jorgensen	Owner	8000
487	Jorgensen	Owner	8000
488	Stanton	Early	1000
489	Coles	Owner	4000
490	General	Cahill	14000
491	Stelss	Owner	13000
492	Bauer	Owner	3000
493	Crocker	Coburn	30000
494	Shainwald	Johnson	2475
495	Stag	Mullen	7500
496	Sommer	Owner	1500
497	Old	Lindberg	1900
498	Readymix	Rahlmann	2000
499	Lassalle	Owner	4900
500	Hallgren	Owner	4000
501	Donovan	Anza	3000

AMUSEMENT BLDG.
(474) BLOCK BOUNDED BY JERrold, Toland, Upton and McKinnon Sts. One-story frame amusement building.
Owner—San Francisco Stadium, Inc., 200 Bush St., San Francisco.
Architect—Gardner A. Dalley and Geo. E. Ellinger, 210 Post St., S. F.
Segregated Sub-Contracts. $18,000

DWELLING
(475) W THIRTY-SECOND AVE. 100 S Anza St. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 1198 36th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(476) NO. 46 DIVISADERO STREET Alter dwelling.
Owner—G. J. Kern, Premises.
Architect—E. G. Bolles, Monadnock Bldg., San Francisco.
Contractor—G. Petterson & Son, 1036 14th St., San Francisco. $2000

DWELLING
(477) W DUNSMUIR ST. 60 N Silver Ave. One-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St., San Francisco.
Architect—R. R. Irvine, % Owner.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3000

DWELLING
(478) W DUNSMUIR ST. 85 N Silver Avenue. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—R. R. Irvine, % Owner.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3000

BANK & STORES
(479) SW WEST PORTAL and Ulloa; Class B and C bank & stores.
Owner—The Lurie Co., 333 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros. $40,000

ALTERATIONS
(480) 1269 FLORIDA; alter dwelling.
Owner—Wm. L. Hackett, 2648 Bryant.
Architect—Not Given.
Contractor—San Francisco Building & Construction Co., 2212 Polk Street. $2,000

ALTERATIONS
(481) 213 UPPER TERRACE; alter dwelling.
Owner—Miss A. P. Alleutt, 770 California Street.
Architect—Not Given.
Contractor—H. Steiger, 1555 Haight Street. $1500

ALTERATIONS
(482) 3225 PIERCE ST.; alter beauty parlor.
Owner—Chas. McCarthy, premises.
Architect—Not Given. $1200

ALTERATIONS
(483) NO. 3235 TWENTY-FIRST ST. Alter dwelling.
Owner—Mrs. R. Connor, Premises.
Architect—Not Given.
Contractor—Thos. McCormick, 75 Hill St., San Francisco. $1800

RETAINING WALL
(484) NO. 737 BUSH ST. (rear) Retaining wall.
Owner—Herman Sommer and Harry M. Shane, Premises.
Architect—Not Given.
Contractor — James L. McLaughlin Co., 251 Kearny St. $3000

STATION
(485) SE POST AND DIVISADERO St. One-story steel service station.
Owner—Alice E. G. Stanton, % Contractor.
Plans by Richfield Oil Co.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $5000

FLATS
(486) N JEFFERSON ST. 150 E Fillmore St. Two-story and basement frame flats.
Owner—M. P. Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

FLATS
(487) N JEFFERSON ST. 175 E Fillmore St. Two-story and basement frame flats.
Owner—M. P. Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $8000

REST ROOM
(488) SE POST AND DIVISADERO St. One-story steel restroom.
Owner—Alice E. G. Stanton, % Contractor.
Plans by Richfield Oil Co.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(489) W TWENTY-SEVENTH 100 N Santiago St. One-story and basement frame dwelling.
Owner—W. P. Coles, 1359 32nd Ave., San Francisco.
Architect—C. O. Clausen, % Owner. $4000

SERVICE BLDG.
(490) SE NEWHALL & CARROLL Sts. Two-story Class C service building.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., S. F. $14,000

DWELLING
(491) W SANTA RITA ST. 166 N Mesa St. Two-story and basement frame dwelling.
Owner — Dr. Charles E. Stelss, 24 Sotelo St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco. $13,000

DWELLING
(492) E CORBETT AVE. 240 S Romain St. One-story and basement frame dwelling.
Owner—Addie Bauer, 729 Corbett Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(493) POWELL AND GEARY STS. (Hotel St. Francis). Alter hotel.
Owner — The Crocker Hotel Co., % Contractor.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor — Ira W. Coburn, 2048 Market St. $30,000

ALTERATIONS
(494) NO. 3728 JACKSON ST. Alter dwelling.
Owner—Richard Shainwald, Premises.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, 639 Brannan St. $2475

ALTERATIONS
(495) GEARY, KEARNY AND MARket Sts. Alter store.
Owner—Stag Corp., 3 Kearny Street, San Francisco.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco. $7500

ALTERATIONS
(496) NW JACKSON ST. AND VAN Ness Ave. Alter commercial bldg.
Owner—S. Sommer, Premises.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francisco. $1500

ALTERATIONS
(497) NO. 286 DIVISADERO STREET Alter church.
Owner — Old Westminster Independent, % Contractor.
Architect—Not Given.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $1900

WAREHOUSE
(498) S EIGHTEENTH ST. 50 E Carolina St. One-story frame warehouse.
Owner—Readymix Concrete Co., 18th and Carolina St., San Francisco.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St., San Francisco. $2000

ALTERATIONS
(499) NO. 1500 CASTRO ST. Alter laundry.
Owner—P. Lassalle, Premises.
Architect—Not Given. $1900

DWELLING
(500) E TWENTY-NINTH AVE. 75 S Irving St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco. $4000

DWELLING
(501) W THIRTY-SECOND AVE. 175 N Moraga St. One-story and basement frame dwelling.
Owner — J. E. and Bertha Donovan, 1498 36th Ave., San Francisco.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1198 36th Ave., S. F. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
302	Walker	Owner	2400
304	Hammerberg	Owner	7500
305	Nielsen	Roth	1000
306	Wilkinson	Wallin	6000
307	Adelson	Ungaretti	5000
308	Haller	Owner	6000
309	Pleitner	Watson	3850
310	Dawson	Baker	1000
311	Berkeley	Netherby	4000
312	City	Kitchen	169770
313	Van Lehn	Owner	1300
314	Sexton	Owner	5000
315	Byrne	Norris	5500
316	Syndicate	Courtright	3780
317	Traters	Lynn	1800
318	Syndicate	Bernard	4000
319	Crouch	Cederborg	1900
320	Syndicate	Bernard	4000
321	Wehn	Haulman	2000
322	Baumann	Owner	1800
323	Tiny's	Bristol	2000
324	Bardwell	Owner	8450
325	Snyder	Rose	1000

DWELLING
(302) NO. 776 GRIZZLY PEAK BLVD. **BERKELEY.** One-story 4-room frame dwelling and garage.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $2400

DWELLING
(304) NO. 2530 HILGARD ST., **BERKELEY.** Two-story ten-room frame dwelling and garage.
Owner — A. Hammerberg, 2340 Le Conte St., Berkeley.
Architect—Not Given. $7500

REPAIRS
(305) NO. 2250 SANTA CLARA AVE. **ALAMEDA.** Repair fire loss to frame dwelling.
Owner—H. P. Nielsen, Premises.
Architect—Not Given.
Contractor—Conrad Roth, Central Ave. at Willow St., Alameda. $1000

DWELLING
(306) 4826 ALLENDALE AVENUE, **OAKLAND;** 1-story 6-room dwelling.
Owner—L. H. Wilkinson, premises.
Architect—Not Given.
Contractor—Folke Wallin, 2150 50th Ave., Oakland. $6000

DWELLING
(307) 551 VALLE VISTA AVE., **OAKLAND;** two-story 7-room dwelling.
Owner—Geo. Adelson, 683 Rand Ave., Oakland.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.
Contractor—Charles Ungaretti, 1727 Foothill Blvd., Oakland. $5000

DWELLING
(308) 6081 MARGARIDO DR., **OAKLAND;** two-story 6-room dwelling.
Owner and Builder—Paul H. Haller, 32 Evirel Place, Oakland.
Architect—Not Given. $6000

DWELLING
(309) 1208 97th AVE., **OAKLAND;** one-story 5-room dwelling.
Owner—H. A. Pleitner, 4021 E 14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland. $3850

DWELLING
ALTERATIONS
(310) 981 APGAR ST., **OAKLAND;** alterations and repairs.
Owner—E. L. Dawson, 3939 Market St., Oakland.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland. $1000

DWELLING
(311) 425 SPRUCE ST., **BERKELEY;** two-story 6-room frame dwelling and garage.
Owner — Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland. $4000

WHARF
(312) OUTER HARBOR and Terminal, foot of 14th St., **OAKLAND;** concrete wharf.
Owner—City of Oakland, Grove Street Pier, Oakland.
Plans by Port Dept. of Owner.
Contractor—A. W. Kitchen, 110 Market St., San Francisco. $169,770

DWELLING
(313) 2515 HUMBOLDT AVE., **OAKLAND;** one-story 3-room dwelling.
Owner and Builder—Elmer Van Lehn, 2519 Humboldt Ave., Oakland.
Architect—Not Given. $1300

DWELLING
(314) 4333 HARBOARD DR., **OAKLAND;** two-story 6-room dwelling.
Owner & Contractor—J. Sexton, 6100 Taft Ave., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $5000

DWELLING
(315) 5891 BUENA VISTA AVENUE, **OAKLAND;** two-story six - room dwelling.
Owner—Geo. Byrne, 359 17th Street, Oakland.
Architect—H. G. Thursby, Los Angeles.
Contractor—Ralph E. Norris, 359 17th St., Oakland. $5500

DWELLING
(316) W CHABOT DRIVE, bet. Thorn & Mouuntain Blvd., **OAKLAND.** Two-story 5-room dwlg.
Owner — Syndicate Merriewood Co., 1410 Broadway, Oakland.
Architect—Earl MacDonald.
Contractor — T. D. Courtright, 349 51st St., Oakland. $3780

ALTERATIONS
(317) NO. 742 CRAGMONT AVE., **BERKELEY.** Alterations.
Owner—E. W. Traters, Premises.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $1800

DWELLING
(318) SE CHABOT DRIVE LOT 640, **OAKLAND.** One-story five-room dwelling.
Owner — Syndicate Merriewood Co., Ltd., 410 Broadway Bldg., Oakland
Architect—Frederick L. Confer.
Contractor—W. V. Bernard, RFD Box 18E, Berkeley. $4000

ALTERATIONS
(319) NO. 6157 TREMONT STREET, **OAKLAND.** Alterations and additions.
Owner—Frank L. Crouch, Prem.
Architect—Not Given.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. $1900

DWELLING
(320) SE CHABOT DRIVE LOT 636, **OAKLAND.** One-story five-room dwelling.
Owner — Syndicate Merriewood Co., Ltd., 410 Broadway Bldg., Oakland
Architect—Frederick L. Confer.
Contractor—W. V. Bernard, RFD Box 18E, Berkeley. $4000

ALTERATIONS
(321) NO. 1629 ALAMEDA AVENUE, **ALAMEDA.** Remodel present dwelling into two flats.
Owner—E. Wehn, 1629 Alameda Ave., Alameda.
Architect—Not Given.
Contractor — Royal Haulman, 1243 Broadway, Alameda. $2000

ALTERATIONS
(322) NO. 596 FIFTY-EIGHTH ST., **OAKLAND.** Alterations and additions.
Owner — Joseph Baumann, 596 58th St., Oakland.
Architect—Not Given. $1800

ALTERATIONS
(323) NO. 1762 BROADWAY, **OAKLAND.** Alterations.
Owner—Tiny's Waffle Shop, Premises.
Architect—Not Given.
Contractor — Mark Bristol Co., 1038 McKinley Ave., Oakland. $2000

DWELLING
(324) NO. 1160 CLARENDON CRESCENT, **OAKLAND.** Two-story 9-room dwelling and one-story garage.
Owner — Chas. E. Bardwell Jr., 794 Calmar Ave., Oakland.
Architect—Not Given. $8450

REPAIRS
(325) NO. 444 LEE ST., **OAKLAND.** Fire repairs.
Owner—Kent Snyder, Premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
104	Uschmann	Quandt	126
105	Schosser	Peterson	28621
106	Emporium	Paulsen	.....
107	Gebhardt	Anderson	5000
108	Emporium	Paulsen	—

REPAIRS
(104) NO. 1119 BAYSHORE BLVD. Exterior painting and plumbing repairs to dwelling.
Owner—Frank T. and Tiliv L. Uschmann, Premises.
Architect—Not Given.
Contractor — A. Quandt & Sons, 374 Guerrero St., San Francisco.
Filed May 16, '35. Dated April 4, '35.
HOLC Contract .....
TOTAL COST, $126
Bond, $126. Surety. Indemnity Insurance Co. of North America. Limit, forfeit, plans and specifications, none.

BUILDING
(105) N SIXTEENTH ST. 60 W Mission St., All work for completion of two-story and basement Class A building with sub-sidewalk area and with part mezzanine floor.
Owner—Wm. F. Schosser.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.
Filed May 16, '35. Dated May 13, '35. On 1st and 15th of each month 75% Usual 35 days..... Balance
TOTAL COST, $28,621.50
Bond, $28,621.50. Surety, Inland Bonding Co., South Bend, Indiana. Limit, Sept. 10, 1935. Forfeit, $25 per day. Plans and specifications filed.

DRILLING WELL
(106) 357 JESSIE ST.; boring water well in basement of power house building.
Owner—The Emporium, 835 Market.
Architect—Not Given.
Contractor—A. Paulsen, San Carlos, Calif.
Filed May 18, '35. Dated, May 2, '35. Payments Not Given.
TOTAL COST, $.....
Bond, $2,500. Sureties, Hartford Accident & Indemnity Company.

DWELLING
(107) SE CASTENADA AND SAN Marcos Sts. All work for two-story and basement frame dwelling.
Owner—Charles G. Gebhardt, % Contractor.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor — Chas. Andersen, 150 Granville St., San Francisco.
Filed May 20, '35. Dated May 11, '35.
Frame erected $1250
Brown coat plaster on..... 1250
When completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 working days. Forfeit, $5 per day. Plans and specifications filed.

WELL
(108) NO. 357 JESSIE ST. All work for boring well in basement of power house building.
Owner — The Emporium, 835 Market St., San Francisco.
Architect—Not Given.
Contractor — A. Paulsen, San Carlos Calif.
Filed May 20, '35. Dated May 3, '35.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $11 per ft. of depth below a line 18 ft. above basement floor.
Bond, limit,, forfeit, plans and specifications, none.

ALAMEDA COUNTY

26	Crouch	Cederborg	2100
27	Mills	Frost	2456
28	Same	Rigney	4032
29	Gilmore	MacDonald	11367
30	Sawyer	Cederborg	——

ALTERATIONS
(26) NO. 6547 TREMONT ST., Oakland. All work for alterations to dwelling.
Owner—Frank L. Crouch, 6447 Tremont St., Oakland.
Architect—Gwynn Officer, 2328 Warring St., Berkeley.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland.
Filed May 20, '35. Dated May 17, '35.
On 10th of each month..... 90%
Usual 35 days..... 10%
TOTAL COST, $2100
Bond, limit, forfeit, none. Plans and specifications filed.

ROOFING
(27) SEMINARY AND CAMDEN Sts., Oakland. All work for roofing to college buildings.
Owner—Mills College, Premises.
Architect—W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor—C. L. Frost, 3169 El Camino Real, Palo Alto.
Filed May 21, '35. Dated Apr. 24, '35.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2456
Bond, $2456. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

(28) TILE WORK ON ABOVE.
Contractor—Thomas F. Rigney, 3012 Harrison St., Oakland.
Filed May 21, '35. Dated Feb 26, '35
Payments same as above.
TOTAL COST, $4032
Bond, $4032. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

DWELLING
(29) NO. 1138 HIGH COURT, Berkeley. All work for two-story and basement frame dwelling.
Owner—Wm. W. Gilmore, 1134 High Court, Berkeley.
Architect—J. W. Plachek, Mercantile Bldg., Berkeley.
Contractor—S. A. MacDonald & Son, 2912 Deakin St., Berkeley.
Filed May 21, '35. Dated May 21, '35.
On 1st each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,367
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(30) LOT 24 AND POR LOT 25, Wildwood Garden, Piedmont. All work for residence.
Owner—Kent A. Sawyer.
Architect—Albert Farr, 68 Post St., San Francisco.
Contractor—Axel Cederborg, 1455 Excelsior Ave., Oakland.
Filed May 22, '35. Dated May 21, '35.
27th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $——
Bond, $8736. Surety, U. S. Guarantee Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER apartments, $7; 4131-B 19th St.; owner, F. Bellmer, Premises.
BILLBOARD, $6.25; SW Third St., Newhall and Jerrold Sts.; owner, Foster & Kleiser Co., 1675 Eddy
BILLBOARD, $6.25; W Ninth St. 25 S Bryant St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; NE Fell and Stanyan Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER apartments, $900; SE Divisadero and Geary Sts.; owner, Mr. and Mrs. E. Lantz, Prem.; contractor, State Constr. Co., 649 27th Ave.
BILLBOARD, $12.50; SW Van Ness Ave. and O'Farrell St.; owner, Foster & Kleiser Co., 1675 Eddy
GARAGE, one-story frame, $375; S Anza St. 75 E 12th Ave.; owner, Mrs. Meyer, 25 Capra Way.
FLUES, $60; E San Jose Ave. 167 N Ocean Ave.; owner, C. O. Blincoe, 2567 15th Ave.; owner, Standard Heat Co., 1241 9th Ave.
FLUES, $20; SE Baker and Vallejo; owner, Percy Roberts, Prem.; contractor, Standard Heat Co., 1241 9th Ave.
ALTER restaurant, $500; 3309 Fillmore St.; owner, Cervette Bros., Prem.; contractor, S. F. Constr. Co., 2530 Lombard St.
SIGN, electric, $150; 2801 California St.; owner, California Pharmacy, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
BILLBOARD, $6.25; SE Lombard and Steiner Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $18.75; S Turk St. 62 W Hyde St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; SE Geary St. and Fifth Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, 16.25; S Monterey 100 W Forester St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $850; 4507 Anza St. owner, J. C. Bateman, 2303 Bush.
ALTER studios, $500; Montgomery and Filbert Sts., The Shadows; owner, Carl W. Rebmann, Premises.
BILLBOARD, $6.25, SE Fell and Octavia Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER dwelling, $200, 62 Divisadero St.; owner, V. Morabito, Premises
ALTER dwelling, $250; 1369 Sanchez St.; owner, P. Magee, 2160 15th Street.
FLUES, $60; 2731 Baker St.; owner Anza Home Bldg Co., 36th Ave and Kirkham St.; contractor, Standard Heat Co., 1241 9th Ave
ALTER theatre, $300; 949 Market St owner, Fox West Coast, Prem contractor, Phoenix-Simpton Co., 520 6th St.
ALTER dwelling, $350; 730 30th Ave owner, C. A. Orlsmendi, Prem.; contractor, Anchor Fence Post Co. of Calif., 460 5th St.
BILLBOARD, $12.50; N Ellis St. 60 E Polk St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER apartments, $25; 130 Cole; owner, J. F. Wilken, Premises.
ALTER store, $386; 3310 Mission St owner, John Catto, % Contractor; contractor, Barrett & Hilp, Harrison St.
ALTER dwelling, $20; 10 and 12 Appleton St.; owner, Rose M. Richle, 10 Appleton St.
FLUES, $105; S Santiago St. 32 E 14th Ave.; owner, Mrs. Anna Sutkamp 2329 Funston Ave.; owner, Lowell Davison, 375 Monterey Blvd.
ALTER dwelling, $450; 104 Silliman St.; owner, A. A Speizer, Prem.; contractor, Fred J. Mesher, 2122 Broderick St.
BILLBOARD, $150; NE 33rd Ave. and Geary St.; owner, Associated Oil Co., 79 New Montgomery St.
BILLBOARD, $6.25; E Tenth St. 275 S Bryant St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; W Bay Shore 125 S Woolsey St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $200; 438 Hill St.; owner, Milton F. Bergst, Prem.; contractor, John Lohman, 2174 15th Street.
ALTER dwelling, $150; 1236 Chestnut St.; owner, Edna Kruger, Prem.; contractor, B. W. Demarais & Sons, 732 Page St.
ALTER dwelling, $165; 328 Stanyan St.; owner, S. P. Doyle, Prem.; contractor, N. Hallstrom, 34 Fountain St.
ALTER restaurant, $50; 659 Larkin St.; owner, Marie Foss, Prem.
ALTER dwelling, $200; 2615 Clement St.; owner, Mrs Nellie Moriarity, Premises; contractor, Victor Oliva 2731 24th St.
SIGN, electric, $175; 611 Geary St.; owner, Ed. Dunn, Prem.; contractor, Wonderlite, 170 Otis St.
BARBER pole, $50; 32 Montgomery, owner, Umbsen Kerner & Stevens 28 Montgomery St.; contractor, Bertrand Elec Co., 600 California
ALTER dwelling, $25; 318 London St. owner, Rosalina Cancilla, Prem.
ALTER dwelling, $100; 364 Parnassus Ave.; owner, Thos. F. Finn, 364 Parnassus Ave.; contractor, R. A. McAfee, 125 Cervantes St.
BILLBOARD, $12.50; N Ellis St. 110 E Polk St.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; SW Balboa and 43rd Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
REPAIR fire damage to dwelling, $490; 27 Bartlett St.; owner, Mr. Day, % Contractor: contractor, L. Salomon, 1734 Broderick St.
ALTER flats, $400; 1101 O'Farrell St.; owner, Realty Investment Corp., 891 Post St.; contractor, G. Folati 2229 Union St.
BILLBOARD, $6.25; NW 19th Ave. and Taraval St.; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
APARTMENTS Cost, $25,000
SALINAS, Monterey Co., Calif.
Two-story frame and stucco apartments (ten 3-room apts.) steam heating system, hardwood floors, tile roofing, tile baths, etc.
Owner—Wm. Carpenter.
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor — Sam Trondhjem, 45 Gell St., Salinas.

CONTRACT AWARDED
LOS ANGELES, Calif. — Willard-Brent Co., 254 E. 27th St., awarded contract for repairing fire damage to the Voltaire aparments at 1424 Crescent Heights Blvd. fo Dave Yedor. The building, a 7-story, Class A structure, will have a new slate roof, tile work, and refrigeration equipment and will be redecorated. Cost, $50,000. S. W. Finley, engineer.

Ta Ask Bids Within Few Days.
ALTERATIONS Cost, $——
SAN FRANCISCO. McAllister and Gough Streets.
Alterations to frame apartment building (painting, etc.)
Owner—Mrs. Twomey.
Architect — Leonard H. Ford, 2022 Berkeley Way, Berkeley.

Plans Being Prepared.
APARTMENTS Cost, $52,000
SACRAMENTO, Sacramento Co., Cal. Twenty-first and W Streets.
Three-story frame and stucco apartment building (80x150-ft.) 21 2- and 3-room apts.; composition roofing, steam heating system, hardwood floors, tile baths, steel sash, ec.
Owner—Chas. M. Mackarell.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.

2— BONDS

BONDS SOLD
REDWOOD CITY, San Mateo Co., Cal.—Sequoia Union High School District sold bonds in the amount of $75,000 on May 20. Proceeds to finance construction of eight school buildings in the Sequoia Union High School at Redwood City for which bids are now being taken, to be opened June 3.

3— CHURCHES

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. Divisadero Street near Haight Street.
Alterations to church (alter residence for church auditorium to seat 100).
Owner—Old Westminister Independent (Walter Fairhairne in charge of construction).
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.

Plans Being Figured.
CHURCH Cost, $——
BAKERSFIELD, Kern Co., Cal. Truxton Ave. and E Street.
One-story church building (auditorium to seat 400; Sunday school rooms, etc.) adobe walls, tile roof, linoleum covered cement floors, loud speaker system, etc.
Owner — Seventh Day Adventist Church, Bakersfield.
Architect—Clinton Nourse, 1406 Bond St., Los Angeles.
George H. Scott is chairman of the building committee.

BIDS OPENED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at $1,115 submitted low bid to Department of Public Works for acoustical correction in band practice room No. 10, San Francisco War Memorial Bldg.
(1) Alternate proposal involving wrapping vertical walls and center pilasters Nos. 1, 2, 3 and 4 from floor to soffit of ceiling with ½-in. rockwood, Arthur Brown, Jr., 251 Kearny St., architect.
Complete bids follow:
Western Asbestos Company.....$1,115
.....(1) 93
Jacks & Irvine.....$1,259
.....(1) 127
Bids held under advisement.

4 — FACTORIES & WAREHOUSES

Owner Still Taking Bids.
FACTORY Cost, $12,000
SAN FRANCISCO. NW Bryant and Oak Grove Streets.
Class C industrial building.
Owner — O. J. ad L. W. Williams, Premises.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.

Sub-Contracts Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 144 Townsend St.
Alterations to warehouse and offices.
Owner—Frank Nolan Drayage Co., 144 Townsend Street.
Architect—Miller & Pflueger, 580 Market Street.
Contractor—George Wagner, 181 So. Park Street.
Plumbing—James H. Pinkerton, 927 Howard Street.
Electric—Central Elec. Co., 179 Minna.
Lumber—J. H. McCallum, Bryant and and Oak Grove Streets.
Mill Work—Pacific Manufacturing Co. 464 Montgomery Street.

Contract Awarded.
MILL Cost, $15,000
RICHMOND, Contra Costa Co., Calif. Ninth and Ohio Avenue.
Brick and steel frame wood working mill (100x175-ft.) steel trusses, etc.
Owner—Millradt & Son, 9th and Ohio, Richmond.
Architect—Not Given.
Contractor—Elmer J. Freethy, 1301 Roosevelt Ave., Richmond.

Contract Awarded.
SERVICE BLDG. Cost, $15,000
SAN FRANCISCO. SW Newhall and Carroll Streets.
Two-story Class C service building.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.

Contract Awarded.
TERMINAL Cost, $——
RICHMOND, Contra Costa Co., Cal. Outer Harbor.
Oil terminal and tanks.
Owner—Camas Oil Co. (F. O. Fletcher and S. Skillern).
Architect—Not Given.
Contractor—Elmer J. Freethy, 1301 Roosevelt Ave., Richmond.

Contract Awarded.
WAREHOUSE Cost, $2500
SAN FRANCISCO. S Eighteenth St. 50 E Carolina St.
One-story frame warehouse.
Owner—Readymix Concrete Co., Prem.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St., San Francisco.

Plumbing Contract Awarded.
MILK PLANT Cost, $——
ORLAND, Glenn Co., Calif.
Two-story brick and steel milk dehydrafting plant (62x102 feet); steel stairways.
Owner—Golden State Creamery Co., 425 Battery St San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Constr. — E. W. Perkins, 425 Battery St., San Francisco.
Plumbing—C. E. Abbott, 403 5th St., Orland.
Electrical bids are being taken at Orland.
As previously reported, brick contract awarded to Kyle & Co., Fresno.

To Be Done By Day's Work.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 1500 Castro Street.
Alterations to laundry.
Owner—P. Lassalle, Premises.
Architect—Not Given.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $10,000 each
SAN FRANCISCO. N Jefferson St. E Fillmore Street.
Two one-story and basement frame and stucco flats.
Owner and Builder—M. P. Jorgensen, 2225 North Point St., S. F.
Architect—Not Given.

Sub-Contracts Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. W Dolores St. 33 N. Jersey Street.
Two-story and basement frame and stucco flats (2 5-room flats) Pabco roofing, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—C. Renner, % Contractor.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.
Roofing—James Reilly, 20 Isabel St.
Plumbing — Security Plumbing Co., 1657 Market St.
Electric Wiring—Bert Doherty, 1725 Church St.
Concrete—D. O. Connor & Son, 1367 25th Avenue.
Wood Sash — Eureka Mill Co., 1715 Mission St.

Lumber—Sudden Lumber Co., Evans and Quint Streets.
Painting—A. W. Stoneback, 476 8th Avenue.
Lathing and Plastering—James Patt, 36 Day St.

Contract Awarded.
ALTERATIONS Cost, $2500
ALAMEDA, Alameda Co., Cal. No. 1629 Alameda Avenue.
Alterations to residence for flats.
Owner—E. Wehn, Premises.
Architect—Not Given.
Contractor — Royal Haulman, 1213 Broadway, Alameda.

6—GARAGES & SERVICE STATIONS

Plans Being Figured—Bids Close May 28, 3 P. M.
GARAGE Cost, $15,000
HOLLISTER, San Benito Co., Calif.
One-story reinforced concrete garage (100x100-ft.) tile and composition roof, concrete floors, etc.
Owner—Tiffany Motor Co., Hollister.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Following will submit bids:
Lyman Young, R. F. D., Hollister.
C. B. Younger, 840 Washington St., Hollister.
J. C. Graf, P. O. Box 741, Hollister.
Jos. A. Lechleiter, 230 Rodrequez St., Watsonville.

Contract Awarded.
ALTER SERVICE STATION $——
BERKELEY, Alameda Co., Cal. Park St. and Telegrpah Ave.
Alterations to service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Leslie E. Alley 1621 Encinal Ave., Alameda.

Sub-Contracts Awarded.
SERVICE STATION Cost, $9,500
OAKLAND, Alameda Co., Cal. Trestle Glen and Lakeshore Blvd.
Steel service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.
Electric—Paramount Elec. Co., 4216 Telegraph Ave., Oakland.
Steel Bldg.—Independent Iron Works, 821 Pine St., Oakland.
Concrete—T. A. Ryan, 5215 Fleming Ave., Oakland.

Sub-Contracts Awarded.
SERVICE STATION Cost, $4000
PALO ALTO, Santa Clara Co., Calif. No. 400 High Street.
Service station.
Owner — Peter Mullen, Highway and Alta Mesa Road, Palo Alto.
Lessee — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Glass—West Coast Glass Co., 516 High St., Palo Alto.
Plumbing and Sheet Metal—Chritensen & Anderson, 247 High Street, Palo Alto.
Electric—Erskine Electric Co., Middlefield Road, Redwood City.
Miscellaneous Steel—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Mixed Concrete—Urban Brothers, 96 Homer Ave., Palo Alto.

Sub-Contracts Awarded.
SERVICE STATION Cost, $7,000
DALY CITY, San Mateo Co., Calif.
Steel service station.
Owner—Mr. Concl.
Architect—Not Given.
Contractor—John Huggard, Rialto Bldg., San Francisco.
Steel Bldg.—Independent Iron Works, 821 Pine St., Oakland.
Plumbing—Daly City Peninsula Plbg. Service, Daly City.

PLANS PREPARED
SANTA BARBARA, Cal.—Architect G. B. Kaufmann, 610 Union Bank Bldg., Los Angeles, has prepared the plans for two garages, chauffeur's quarters and a wall to be erected on a 10-acre estate at Toro Canyon and Foothill Roads, Santa Barbara, for R. G. Wilbur. The garages and quarters will be wood frame and stucco structures.

Concrete Bids Being Taken.
SERVICE STATION Cost, $7000
SAN FRANCISCO, NW Folsom and Fremont Streets.
One-story service station.
Owner — Standard Oil Co., Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO, Eighth Ave. and Judah Street.
Alterations to service station (Steel work, etc.)
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Independent Iron Works, 821 Pine St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $10,000
SAN FRANCISCO, Tenth and Mission Streets.
Steel service station.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Sub-contracts will be awarded in about two weeks.

Sub-Contracts Awarded.
SERVICE STATION Cost, $6290
SAN FRANCISCO, SE Post and Divisadero Streets.
Steel service station.
Owner—Alice E. Stanton.
Lessee — Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Lessee
Contractor—Fred J. Early, Jr., 369 Pine Street.
Steel Buildings—H. T. Gettins, 830 Market Street.
Electric—Collonan Electric & Mfg. Co. 3201 Mission St.

7—FEDERAL BUILDINGS

Contract Awarded
POST OFFICE Cont. Price, $39,760
TURLOCK, Stanislaus Co., Calif.
One-story and basement concrete post office bldg. (cement finish, composition roof, steam heating system, etc.; 80x60-ft.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor—K. E. Parker Co., 135 So Park, San Francisco.
Complete bids published Jan. 11, 1935.

BIDS OPENED
HOQUIAM, Wash—As previously reported, Patterson Bros., 2059 Webster St., Oakland, at $1240 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office, Hoquiam, Wash. Only other bid was submitted by Ralph Berglund, 2732 Pacific Ave., Hoquiam, at $1935.

BIDS WANTED
SAN YSIDRO, San Diego Co., Cal.—Until June 6, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Inspection Station at San Ysidro, Calif.
Specifications may be obtained from the above office and from the Custodian of the building at San Ysidro.

Plans Being Prepared.
POST OFFICE Cost, $145,000
SANTA BARBARA, Cal. Anacapa and Canon Perdido Streets.
New Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Consulting Architect — Reginald D. Johnson, 707 Architects Bldg., Los Angeles.

Bids Wanted—To Close July 1st, 1 P. M.
POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Bldg.
Owner—United States Government.
Plans by Supervising Architect, Washington, D. C.
Plans and specifications may be obtained from above office.

BIDS WANTED
PRESCOTT, Ariz.—Until June 10th, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. post office and court house at Prescott. Specifications may be obtained from the above office and from the Custodian of the building at Prescott.

BIDS WANTED
PORTERVILLE, Tulare Co., Cal.—Until June 14, 10 A. M., bids will be received by the Treasury Department, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Porterville.
Specifications may be obtained from above office and from the Custodian of the building at Porterville.

Sub-Contracts Awarded
POST OFFICE Cont. Price, $33,830
SEBASTOPOL, Sonoma Co., Cal.
One-story Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Robt. McCarthy, 1363 14th Ave., San Francisco.
Roofing—C. L. Frost, Palo Alto.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St.
Tile Work—American Art Tile, 231 Franklin St.
Steel Sash — Soule Steel Co., 1750 Army St.
Structural Steel—Judson Pacific Co., 609 Mission St.
Glass—W. P. Fuller & Co., 301 Mission St.
Hardware—Yale & Towne Mfg. Co., 7 Front St.
Lathing and Plastering — M. J. King, 231 Franklin St.
Vault Doors—Herring Hall Marvin Safe Co., 214 California St.
Ornamental Iron Work—Peerless Ornamentel Iron Works, 1528 Folsom St.

FUNDS ALLOTTED
BENTON FIELD, Alameda, Cal.—The sum of $3,031,195, work-relief funds, has been appropriated for the completion of Benton Air Field. Work involves construction of machine shop, warehouse, administration building, dispensary, hangars, fire station, fuel tanks, additional road work and possible reclamation of tidelands to increase landing field area.

Plans have been completed in the office of the Constructing Quartermaster, Leander Larsen, Benton Field, Alameda. *

Complete Bids.
INSPECTION STATION Cost, $66,000
NACO, Arizona.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—T. H. Johnson and W. M. Martin, P. O. Box 654, Dallas Texas, $52,200.
Complete bids follow:
T. H. Johnson and W. M. Martin, Dallas, Texas, $52,800.
Robert E. McKee, El Paso, Texas, $55,550.
Murch Bros. Constr. Co., St. Louis, $55,834.
M. M. Sundt Constr. Co., Tucson, Ariz., $60,436.
MacDonald Constr. Co., St. Louis, Mo., $61,317.
Bids held under advisement.

LOW BIDDER
LOS ANGELES, Cal.—A. J. Bayer Co., 2300 E. Slauson Ave., Los Angeles, at $6,990 submitted low bid to the Veterans' Administration, Washington, D. C., for furnishing and installing complete, metal cubicle partitions in Buildings Nos. 162 and 164 at the Veterans Administration Facility, Los Angeles.
It was previously reported that Theo. A. Beyer Const. Co., Los Angeles, was low, which was in error.

BIDS OPENED
SAN DIEGO, Cal.—Emil Brown and Co., 300 E Ninth St., Los Angeles, submitted the low bid to National Park Service for sheet metal work for alterations and restoration of the existing lighthouse and building at Cabrillo National Monument, San Diego.
The bids follow:
Emil Brown & Co., (1) steel $673; (2) copper, $846.
California Sheet Metal Works, (1) $729.14; (2) $953.63.
Ingle Mfg. Co., (1) $954; (2) $1170.
Gulfoy Cornice Works, (1) $997; (2) $997.
California Cornice Works, (1) no bid; (2) $1150.
Main Cornice Works, (1) $1600; (2) $1800.

SPECIFICATIONS BEING WRITTEN
CALIFORNIA, ETC.—Treasury Department reports the following Post Office projects in the specification stage: Claremont, $51,700; Marshfield, Ore., $92,400; San Rafael, $64,900; Santa Monica, $130,900; Ventura, $85,800; Denver Colo., mint, $350,000; Flagstaff, Ariz., $137,000; Grants Pass, Ore., $150,000; Ketchikan, Alaska, $300,000.

Low Bidder.
INSPECTION STATION Cost, $66,000
NACO, Arizona.
United States Inspection Station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—T. H. Johnson and W. M. Martin, P. O. Box 654, Dallas, Texas, $52,200.
Complete bids will be given shortly.

BIDS WANTED
MERCED, Cal.—Until June 14, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Merced. Specificationa may be obtained from above office and from the Custodian of the Building, at Merced.

8— CLUB BUILDING

Sub-Contracts Awarded.
LODGE Cost, $4,000
PALO ALTO, Santa Clara Co., Calif. University Ave. and Florence St.
Owner—Palo Alto Masonic Temple Association.
Architect—Henry C. Collins, Deckeroak Bldg., Palo Alto.
Contractor—R. W. Follmer, 465 Lytton St., Palo Alto.
Plumbing—John Ingram, Palo Alto.
Electric Wiring—Stanford Elec. W'ks. Palo Alto.
Tile Work—P. Buthman, Redwood City.
Concrete—Fevioli & Bettini, Redwood City.
Steel Sash — Soule Steel Co., 1750 Army St., San Francisco.
Structural Steel—Soule Steel Co.
Glass—West Coast Glass Co., Palo Alto.
Hardwood Floors—Inlaid Floor Co., 600 Alabama St., San Francisco.
Lumber—Gray Thorning Lumber Co., Redwood City.
Hardware—Palo Alto Hardware Co., Palo Alto.
Painting—Otto Hertig, Palo Alto.
Lathing & Plastering—Ira T. Bridges, Palo Alto.
Finish Materials—Palo Alto Planing Mill, Palo Alto.

Sub-Bids Being Taken.
LODGE BLDG. ETC. Cost, $25,000
DALY CITY, San Mateo Co., Cal. Mission and Hillcrest Drive.
Two-story frame lodge and store building (cement plaster exterior, cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.); lodge rooms, banquet hall and offices on second floor with stores on the ground floor.
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Mgr. of Constr.—A. C. Anderson, 666 Mission St., San Francisco.
All sub-bids are being received by the manager of construction at 666 Mission Street.

9— HOSPITALS

BIDS OPENED
SAN FRANCISCO. — Schrader Iron Works, 1247 Harrison St., at $1,580 submitted low bid to Purchasing Department, for furnishing steel work for the San Francisco Hospital.
Work involves:
(1) steel work for porches on fourth floor of T. B. Bldg.;
(2) steel work for porches of Ward No. 19, T. B. Bldg.;
(3) steel work for windbreak on roof of T. B. Bldg.;
(3a) total of Items 1, 2 and 3;
(4) 125 pieces of steel sash, 4 ft. 2⅝-inches wide, x 4 ft. 8 in. high, 12 lights, 4 wide, 3 high, 12x8 glass, ⅜-in. holes drilled for T-bar connections, 4 each side.
Complete bids follow:

Schrader Iron Works	(1)	$ 340
	(2)	600
	(3)	640
	(3a)	.....
	(4)	1580
Western Iron Works	(1)	$ 315
	(2)	531
	(3)	790
	(3a)	1636
	(4)	500
Fair Mfg. Co.	(1)	369
	(2)	691
	(3)	855
	(3a)	1915
	(4)	500
Golden Gate Iron Works	(1)	375
	(2)	870
	(3)	700
	(3a)	1945
	(4)	.....
Patterson & Koster	(1)	373
	(2)	698
	(3)	1003
	(3a)	500
California Steel Prod. Co.	(1)	435
	(2)	860
	(3)	796
	(3a)	2091
	(4)	.....
Judson Pacific Company	(1)	564
	(2)	864
	(3)	1094
	(3a)	2504
	(4)	.....
Soule Steele Company	(4)	500
Michel & Pfeffer Iron W'ks.	(4)	500

Bids held under advisement. *

PLANNED
CALISTOGA, Sonoma Co., Cal.—Dr. J. W. Sooy, Fitzhugh Bldg., San Francisco, has purchased the Geysers Hotel at Calistoga and plans to establish a health center. Further details will be announced in about one week.

May 17, 1935

CONTRACTS AWARDED
SAN RAFAEL, Marin Co., Calif.—Marin County Supervisors awarded the following contracts for the materials for the construction of an addition to the Marin County Tuberculosis Hospital:
Paint—J. B. Rice, 216 Toll Road, San Rafael, $181.59.
Hardware—Scott Co., 8336 4th St., San Rafael, $61.50.
Lumber—Henry Hess Lumber Co., 229 3rd St., San Rafael, $3,904.22.
Roofing—Cheda Co., 214 Toll Road, San Rafael, $418.68.
Plumbing—E. Ongaro, 47 Scenic Rd., Fairfax, $800.
Electric Fixtures—Vogle Electric Co., San Rafael, $2,193.
Cement—McPhail Co., 917 C St., San Rafael, $307.50.
Sheet metal bids held under advisement. *

BIDS WANTED
VENTURA, Cal.—Until June 7, 10 A. M., bids will be received by the Ventura county supervisors for following work in connection with the construction of an isolation ward bldg at Ventura county hospital:
(914) general work;
(916) plumbing work;
(917) electric wiring and fixtures;
(918) painting;
(919) heating;
(920) special equipment.
Plans and specifications may be obtained from Architect Harold E. Burket, 435 E. Main St., Ventura, upon deposit of $15. Guaranty of 10% must accompany each bid.

PLANNED
RIVERSIDE, Cal.—Riverside County Supervisors have appointed Howard E. Slack, 3845 W. Fourth St., Riverside, superintendent of construction for the east wing of the new Riverside County Hospital to be erected in Arlington, an SERA project. It will be a three-story and basement, steel and concrete structure, providing 101 beds. The county has funds on hand for the purchase of part of the materials. G. Stanley Wilson, Mission Inn, Riverside, architect.

Contract Awarded.
HOSPITAL Cost, $6491
BEKESFORD, San Mateo Co., Calif. County Road.
One-story frame and stucco hospital.
Owner—Charles Bennett, 2901 South El Camino Real, San Mateo.
Architect—Leslie I. Nichols, 529 Quinda St., Palo Alto.
Contractor—H. T. Holcher, 325 Elm St., San Mateo.

Bids Opened.

ATTENDANT QTRS. Cost, $150,000
CAMARILLO, Ventura Co. Cal. Camarillo State Hospital.
Four one- and two-story reinforced concrete attendant quarters buildings (tile roof, steam heating system to connect to main plant etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Complete bids follow:
(1) deduct for omitting unit A.

General Work

Louis A. Geisler, 6912 Middleton St., Huntington Park $128,250
(1) 3,438
Engineer's estimate 96,622

Heating

Scott Co., 113 10th St., Oakland $6,872
(1) 395
M. J. Reeves Heating Co., San Francisco $7,124
(1) 221
Johnson & Reeves, Glendale $7,569
(1) 285
J. Hokom, Los Angeles $7,822
(1) 277
Munger & Munger, Pasadena $8,900
(1) 300
Engineer's estimate $7,584

Plumbing

Scott Co., 243 Minna St., S. F. $12,787
(1) 754
J. A. Fazio, Oakland $14,759
(1) 1,040
M. J. Reeves Heating Co., San Francisco $14,875
(1) 1,305
Chas. H. Warren, Compton $15,750
(1) 1,108
Munger & Munger, Pasadena $17,687
(1) 950
J. Hokom, Los Angeles $20,722
(1) 1,145
Engineer's estimate $16,580

Electrical Work

H. H. Walker, 1323 Venice Blvd. Los Angeles $7,427
(1) 140
American Electric Const. Co., San Francisco $7,681
(1) 221
Seaside Electric Co., Ventura $7,815
(1) 158
Moore Electric Co., L. A. $8,325
(1) 100
Newberry Electric Co., L. A. $8,787
(1) 250
H. O. Bauerle, Los Angeles $8,986
(1) 75
MacFarlane Electric Co., Santa Ana $9,777
(1) 200
Allen R. Ochs, Coalinga $10,099
(1) 218
Engineer's estimate $9,051
Bids held under advisement.

10— HOTELS

To Ask Bids Within A Few Days.

ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Eighth and J Streets.
Alterations to Windsor Hotel (new stores on ground floor, offices etc.)
Owner—California-Western States Life Insurance Company.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Bids will be taken on a general contract.

Contract Awarded.

ALTERATIONS Cost, $30,000
SAN FRANCISCO. Powell and Geary.
Alterations to Hotel St. Francis.
Owner—Crocker Hotel Co., % contractor.
Architect—Bliss & Fairweather, Balboa Building.
Contractor—Ira W. Coburn, 2048 Market Street.

Preliminary Estimates Being Taken.

ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Eighth and J Streets.
Alterations to Windsor Hotel (new stores on ground floor, offices etc.)
Owner—California-Western States Life Insurance Company.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Bids will be taken on a general contract.

12— POWER PLANTS

Preparing Preliminary Sketches.

SURVEY BLDG. Cost, $——
NAPA, Napa Co., Calif.
Make survey of all county buildings.
Owner—County of Napa.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.

BIDS OPENED

COOLIDGE, Ariz.—Bids for furnishing corrugated asbestos roof for the San Carlos Project, Coolidge, F. P. 261, Bid No. 0169, were opened by the U. S. Indian Irrigation Service, Rm. 524, 751 S. Figueroa St., Los Angeles, May 17. The bids were:

Consolidated Roofing & Supply Co., Phoenix, $2110 fob Coolidge, or $1670 fob Lockland, Ohio. Delivery 10 days to Coolidge, 4 days at Lockland. Shipping weight 39,000 lbs. Terms 2% ten days.

Marine Engr. & Supply Co. (Johns-Manville) 941 E 2nd St., Los Angeles $3104 fob Coolidge or $2492 fob plant. Delivery 10 days. Shipping weight 52-000 lbs. Terms net.

Western Asbestos Co., San Francisco, $2685 fob Coolidge or $2098 fob Waukeegan. Delivery 10 days. Shipping weight 43,500. Terms net.

BIDS OPENED

SAN FRANCISCO—E. A. Cornely, Inc., 1452 Bush St., at $1442.05 submitted low bid to Custodian, U. S. Marine Hospital, for furnishing and installing combination gas and oil burner units on four 100-hp. scotch marine boilers as installed in the power house of the Marine Hospital, 14th Ave. and Lake St., San Francisco. Complete bids follow:

E. A. Cornely, Inc. $1442.05
James H. Pinkerton 1779.00
McGee Sales Agency 1900.00
Bids held under advisement.

BIDS OPENED

SAN FRANCISCO — Murray Iron Works, 417 Market St., at $8270 submitted low bid and recommended for award of contract by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-35-14, for furnishing and installing one steam turbine for present 200 K. W., D. C. generator in the power plant at Letterman General Hospital, Presidio, San Francisco. Complete bids follow:

Murray Iron Works $8276
General Electric Co. 9950
Westinghouse Electric Co. 9955
DeLaval Steam Turbine Co. 9958

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

To Ask Material Bids In Two Weeks.

ALTERATIONS Cost, $22,000
NEVADA CITY, Nevada Co., Calif.
Alterations and addition to courthouse (West addition, fire unit) work involves addition to county clerk's office and board of supervisors' office.
Owner—County of Nevada.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by SERA.

Plans Being Completed.

ADDITION Cost, $100,000
SONORA, Tuolumne Co., Calif.
Addition to county courthouse for jail (brick construction) to accommodate 60; jail equipment, etc.
Owner—County of Tuolumne.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Plans will be submitted to Board of Supervisors on June 3rd for approval.

Material Bids Wanted—To Close June 3 8:00 P. M.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.), auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Joseph Losekann, 1218 W Harding St., Stockton.
Plans and specifications will be available from the City Clerk or the City Engineer at Lodi.

New Bids Wanted—To Close June 4th, 8 P. M.

ALTER CITY HALL Cont. Price $1035
SAUSALITO, Marin Co., Calif.
Alterations to second story of the City Hall (work involves new partitions plumbing, wiring, painting, remodel heating system, etc.)
Owner—City of Sausalito.
Architect—S. Helman, 605 Market St., San Francisco.
Contract was previously awarded to Jos. F. Childs, Mill Valley, at $1,036 but due to error in advertising, new bids have been asked.
Complete bids published May 2.
Plans and specifications may be obtained from the City Clerk.

Contracts Awarded.

ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to City Hall (construct new wing and remodel present building).
Owner—City of Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Mgr. of Const.—C. W. Wilke, Roseville.
Cement—Sterling Lumber Co., 32nd and Ettie Sts., Oakland, $2,388.50.
Rock—J. Philips, Roseville, $913.00.
Sand—Diamond Match Co. Chico, $325
Lumber—Diamond Match Co., Chico, $2,094.18.
Nails—Wolfe and Royer, Roseville, $80.83.
Wood Windows—Diamond Match Co., $99.00.
Steel Windows—Sterling Lumber Co., Oakland, $496.00.
Roofing Tile—Wm. J. Anderson, 3825 Army St., San Francisco, $98.00.
Composition Roofing—Zellerbach Paper Co., 534 Battery Street, San Francisco, $348.00.
Glass—Sterling Lumber Co., Oakland, $110.00.
Structural Steel—Alling Iron Works, 2415 5th St., Sacramento, $1,480.
Reinforcing Steel—Palm Iron Works, 15th and S Sts., Sacramento, $1,554.29.
Complete bids on file in the office of Daily Pacific Builder and may be inspected by those interested.

Material Bids Wanted—To Close June 3rd,

ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) Auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.

Following materials wanted:
(1) Concrete Materials
(a) 6,000 bags Portland cement or equivalent;
(b) 300 yards clean washed sand, 900 yards clean, washed gravel or crushed rock, ¼ to 1-in.
(c) Alternate to (b) 1,300 yards of concrete mix.
(2) Reinforcing Steel:
(3) Lumber: Rough and finish lumber, including trusses, purlins, rafters, form and concrete lumber and 15,000 ft. BM No. 1 common maple flooring, 140 rolls of 30- and 40 rolls of 15-lb. waterproof building felt.

Plans and specifications may be obtained from the City Clerk, Lodi, upon deposit of $10.00.

14— RESIDENCES

Preparing Preliminary Plans.
RESIDENCE Cost, $4,500
NORTH BERKELEY, Alameda Co., Calif.
One - story and basement frame and stucco residence (6 rooms).
Owner—Withheld.
Architect—Guy L. Brown, American Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $11,660
BERKELEY, Alameda Co., Calif. 1338 Hillcourt.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, gas heating system, tile baths, wood sash, hardwood floors, elec. refrigeration, etc.
Owner—W. W. Gilmour.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—S. C. MacDonald & Son, 2912 Deakin St., Berkeley.
Heating not included in the general contract.

Lumber Contract Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO, SE Garcia and Hernandez Streets.
One-story and basement frame and stucco residence.
Owner—W. E. Janke, 64 Graystone Terrace.
Architect—Not Given.
Contractor—Lincoln U. Grant, 658 3rd Avenue.
Lumber — Greater City Lumber Co., 3123 Mission St.
Other awards will be made shortly.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 5891 Buena Vista Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—George Byrne, 359 17th St., Oakland.
Architect—H. G. Thursby, Los Angeles.
Contractor—Ralph E. Norris, 359 17th St., Oakland.

Plans Completed.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1333 Harboard Drive.
Two-story frame and stucco residence (6 rooms).
Owner—J. Sexton, 6100 Taft Avenue, Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND Alameda Co., Cal. No. **4826 Allendale Avenue.**
One-story and basement frame and stucco residence (6 rooms).
Owner—L. H. Wilkinson, Premises.
Architect—Not Given.
Contractor—Folke Wallin, 2150 50th Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 425 Spruce Street.
Two-story frame and stucco residence (6 rooms).
Owner—Berkeley Hillsides Property Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor — W. A. Netherby, 3853 Lyman Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1208 97th Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner — H. A. Pleitner, 4021 E-11th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

Plans Being Completed.
RESIDENCE Cost, $9000
ATHERTON, San Mateo Co., Cal.
One-story frame residence (7 rooms and 2 baths) rustic exterior, shake roof, gas hot air heating system, hardwood floors, tile baths etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be taken in about ten days.

Contract Awarded.
RESIDENCE Cost, $8000
BERKELEY, Alameda Co., Cal. Santa Barbara Road.
Two-story frame and stucco residence (7 rooms and 2 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Orville D. Adams.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $5500
BERKELEY, Alameda Co., Cal. Kensington Park.
Two-story frame and stucco residence (5 rooms and 2 baths) shake roof, hardwood floors, tile baths, wood sash, hot air heating system, etc.
Owner—Withheld.
Architect—E. L. Synder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in one week.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two - story frame, stucco and brick veneer residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths.
Owner—A. R. Borchardt.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $8,500
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story frame residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Following will submit bids:
George Windsor, 928 Kingston Ave., Piedmont.
A. Cedarborg, 1455 Excelsior Ave., Oakland.
Jensen & Pedersen, 3443 Adeline St. Oakland.
B. J. Woolley, 3933 Fruitvale Ave., Oakland.
W. V. Bernard, P. O. Box 18-E, Berkeley.
E. Campomenosi, 6401 Broadway Terrace, Oakland.
J. J. Moore, 354 Hobart St., Oakland.
Theo. H. Lapham, 546 Kenmore Ave., Oakland.

Plans Being Figured—Bids Close May 29, 1 P. M.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame residence (California-Colonial style).
Owner—Withheld.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two - story wood frame residence (7 rooms and 2 baths) Colonial style; shingle roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Miss Anna Sido.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Completed.
ALTERATIONS Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations to sorority house (stucco exterior, plumbing, painting, wiring, ect.)
Owner — Delta Gamma, 544 Lasuen St., Stanford University, Palo Alto
Architect—Chas. K. Sumner, Decker-Oak Bldg., Palo Alto.
Bids will be asked within two weeks

Contracts Awarded.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) tile shake roof, oil burner heating system, wood sash, canvas walls, knotty pine trim, hardwood floors, tile baths, etc.
Owner—W. F. Wallace.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Lumber and Mill Work—Sunset Lumber Co., 400 High St., Oakland.
Plumbing—H. F. Lass, 5300 Cole St., Oakland.
Brick Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
Cement—E. N. Buell, 2947 Lorin St., Berkeley.
Heating—Peninsula Oil Burner Co., 885 Harrison St., San Francisco.

Plans Completed.
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Cal. Highlands Terrace.
One-story wood frame and brick residence (5 rooms, 2 baths) shake roof, gas furnace, hardwood floors, tile baths, etc.
Owner and Builder—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Sub-bids will be taken in 10 days.

Contract Awarded.
ALTERATIONS Cost, $1,761
MILLBRAE, San Mateo Co., Cal. SE Poplar Ave. and Chadborn Ave.
Alterations and additions to residence
Owner—J. E. Phillips, Millbrae.
Architect—Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Contactor—Carl G. Rosberg, 737 Neuchatel Ave., Burlingame.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.

ne-story and basement frame and stucco residence (5 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
wner & Builder—J. M. Walker, 1709 Grove St., Berkeley.
rchitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

ontract Awarded.
LTERATIONS Cost, $2100
AKLAND, Alameda Co., Cal. No. 6547 Tremont Street.
lterations to residence.
wner—Frank L. Crouch, 6417 Tremont St., Oakland.
rchitect—Gwynn Officer, 2398 Warring St., Berkeley.
ontractor—A. Cederborg, 1455 Excelsior Ave., Oakland.

ontract Awarded.
ESIDENCE Cost, $——
AKLAND, Alameda Co., Cal. Merriewood Tract.
ne-story frame and stucco residence (shingle roof, gas hot air heating system, hardwood floor, tile baths, etc.)
wner—Merriewood Estates, Inc.
rchitect—F. L. Confer, 2812 Russell St., Berkeley.
ontractor — George Windsor, 928 Kingston Ave., Piedmont.

ontract Awarded.
ESIDENCE Cost, $11,500
ALO ALTO, Santa Clara Co., Cal.
ne and one-half- story and basement frame and stucco residence (eight rooms, 3 baths) shake roof, air conditioning system, tile baths, steel sash, hardwood floors, etc.
wner—Mrs. Ellen E. M. Marshall.
rchitect—Chas. K. Sumner, Deckerbak Bldg., Palo Alto.
ontractor—C. W. Kemper, 125 Bryant St., Palo Alto.

lans Being Prepared.
ESIDENCE Cost, $——
ERKELEY, Alameda Co., Cal. Santa Barbara Road.
wo-story frame and stucco residence (tile roof, oil burning heating system, hardwood floors, etc.)
wner—Withheld.
rchitect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Bids will be asked shortly.

lans Being Prepared.
ESIDENCE Cost, $10,000
ERKELEY, Alameda County, Calif. Claremont District.
wo - story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof, hot air heating system, hardwood floors, tile baths, etc.
wner—Prof. B. M. Woods, University of California, Berkeley.
rchitect—Warren C. Perry, 260 California St., San Francisco.

ontract Awarded.
ESIDENCE Cost, $2,000
TOCKTON, San Joaquin Co., Calif. West Weber Avenue.
ate keeper's house.
wner—Port of Stockton.
rchitect—Not Given.
ontractor—G. Hachman, P. O. Box 206, Stockton.

lans Being Figured.
ESIDENCE Cost, $6000
ALLEJO, Solano Co., Cal.
ne-story and basement frame and stucco residence (5 rooms) shake roof, hardwood floors, tile bath, steel sash, gas hot air heating system, etc.
wner—Withheld.
rchitect—Ray Keefer, 770 Wesley St. Oakland.

Plans Being Figured—Bids Close June 4, 6:00 P. M.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof wood sash, tile shower, hardwood floors, gas hot air heating system, 2-car garage.
Owner—M. P. Whitney, 154 Brookside Drive, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being taken from a selected list of contractors only.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
BAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence (7 rooms, 2 baths) shingle roof, gas hot air heating system, hardwood floors, tile baths, wood sash.
Owner and Builder—Lengfeld & Olund 220 Third Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Contract Awarded.
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 46 Divisadero St.
Alterations to frame residence.
Owner—G. J. Kern, premises.
Architect — E. G. Bolles, Monadnock Building.
Contractor—G. Petterson & Son, 1036 14th Street.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 33rd Avenue 225 S Clement St.
One - story and basement frame and stucco residence.
Owner—Elliot I. Lindner, 625 Tenth Avenue.
Architect—Not Given.
Contractor—Jesse Horn, 4708 Mission Street.

Plans Completed.
RESIDENCE Cost, $5000
SAN FRANCISCO. W 21st Avenue 100 N Quintara.
One - story and basement frame and stucco residence.
Owner and Builder — Herman Christensen, 1422 27th Ave.
Architect—C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 22nd Ave. 75 N Lawton St.
One - story and basement frame and stucco residence.
Owner—H. G. and Stella K. Birdsall, 646 47th Avenue.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story frame and stucco residence (shingle roof, gas heating system hardwood floor, tile baths, etc.)
Owner—Howard Ballinger.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN MATEO, San Mateo Co., Calif. San Mateo Terrace (Portola Dr.)
One - story and basement frame and stucco residence (5 rooms).
Owner and Builders—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Henry H. Gutterson, 5 2 6 Powell St., San Francisco.
This is the first of a group of sixty residences to be erected in San Mateo Terrace.

Contract Awarded.
RESIDENCE Cost, $10,000
FRESNO, Fresno Co., Cal. 346 Brown Street.
Two-story frame and stucco residence (9 rooms).
Owner—A. M. Alexander, 441 Harvard St., Fresno.
Architect—Not Given.
Contractor—Max Rosenberg, 58 Merlin St., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Calif Willborough Place.
Two-story frame and stucco residence (7 rooms).
Owner—Glen K. Gardiner, Adeline Dr. Burlingame.
Architect—W. C. F. Gillam, 1470 Broadway, Burlingame.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Preparing Working Drawings—Contract Awarded.
RESIDENCE Cost, $10,500
HILLSBOROUGH, San Mateo Co., Cal. Hayne Road.
Two-story and basement frame residence (Colonial type), 8 rooms & 3 baths) shingle roof, tile baths, gas hot air heating system, wood sash, hardwood floors, etc.
Owner—Mr. Parker.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor — Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $11,000
SAN MATEO, San Mateo Co., Cal. W Santa Inez Street.
Two-story and basement frame and stucco residence (10 rooms and 3 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Oscar Cavanaugh 432 Occidental Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Sub-bids will be taken within one week.

Contract Awarded.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Dunsmuir St. N Silver Avenue.
Two one-story and basement frame and stucco residence.
Owner—Heyman Bros., 742 Market St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
Two-story wood frame residence 7 rooms, 2 baths) Colonial style; shingle roof, gas hot air heating system, hardwood floors, tile baths wood sash, etc.
Owner—Miss Anna Sido.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded.
RESIDENCE Cost, $10,000
STOCKTON, San Joaquin Co., Calif No. 1145 Walnut St. (Lake Park)
Two-story and basement frame and stucco residence (8 rooms).
Owner—D. R. Jacobs, 1540 North San Joaquin St., Stockton.
Architect—Not Given.
Contractor—H. H. Henning, 1751 Berkeley Ave., Stockton.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
SAN FRANCISCO. W 21st Avenue 100 N Quintara Street.

One-story and basement frame and stucco residence.
Owner and Builder — Herman Christensen, 1422 27th Ave.
Architect — C. O. Clausen, 746 36th Avenue.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (20 rooms and 9 baths) shake roof, air conditioning hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—George Hotaling.
Architect—Gardner Dailey, 2 1 0 Post St., San Francisco.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.
Sheet Metal — Redwood City Sheet Metal Works, Redwood City.
Plumbing—F. W. Spencer, 1996 Fell St., San Francisco.
Lumber—Palo Alto Lumber Co., Palo Alto.

Sub-Contracts Awarded.
ALTERATIONS Cost, $7,030
PIEDMONT, Alameda Co., Cal. N 321 Hillside Avenue.
Alterations and additions to frame residence.
Owner—Dr. C. J. Lunsford, 3115 Webster St., Oakland.
Architect—F. E. Barton, Crocker Bldg. San Francisco.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland.
Heating—Aladdin Heating Corp., 510 Broadway, Oakland.
Roofing and Shingles—Frank Roofing Company.
Lumber—Loop Lumber Co., Broadway and Blanding St., Alameda.
Marble—Ray Cook Marble Co., 1535 Powell St., Emeryville.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.

Low Bidder.
RESIDENCE Cost, $15,00
FAIRFAX, Marin Co., Calif.
Two-story frame, stucco and brick veneer residence; shingle roof, gas heating system, etc.
Owner—Richard Murphy.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—J. Dawson, 1507 Lincoln St., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $7213
SAN FRANCISCO. N Broadway East Hyde Street.
Two-story, basement and sub-basement frame and stucco residence.
Owner—Joseph Vigli, 3110 Laguna St.
Architect—Not Given.
Contractor — L. Murer, 1274 Quesada Street.
Plumbing—A. Ramazzotti, 1473 Vallejo Street.
Electric Wiring—Unger Elec. Co., 675 Laguna Honda Blvd.
Heating—A. Ramazzotti, 1473 Vallejo Street.
Reinforcing Steel—W. E. Wetenhall, 17th and Wisconsin Sts.
Lumber—Smith Lumber Co., Fourth and Channel Streets.
Water Heater — A. Ramazzotti, 1473 Vallejo St.
Grading—Arnold Trucking Co., 1247 Green Street.

Plans Completed.
RESIDENCE Cost, $4500
BERKELEY, Alameda Co., Cal. San Lorenzo Street.
One-story and basement frame and stucco residence (5 rooms) wood shingle roof, gas hot air heating system, steel sash, hardwood floor, tile baths, etc.
Owner—Withheld.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.

Contracts Awarded.
RESIDENCES Cost, $5,000 each
BERKELEY, Alameda County, Calif. Spruce Street.
Two 1-story and basement frame and stucco residences.
Owner—N. B. Douglass, 28 Domingo St., Berkeley.
Architect—Leonard Ford, 2022 Berkeley Way, Berkeley.
Concrete—G. Johnson, premises.
Plumbing—Ambrose Bros., 1 2 4 0 49th Ave., Oakland.
Mill Work—Clinton Mill and Lumber Co., 701 4th Ave., Oakland.
Plastering bids are now being taken.
As previously reported, lumber contract awarded to Oakland Lumber Co. 6901 E. 14th St., Oakland.

Preparing Preliminary Plans.
RESIDEINCE Cost, $——
SAN JOSE, Santa Clara Co., Cal. Outside City Limits)
Two-story residence (wood frame or concrete construction, shingle roof etc.; 25 rooms).
Owner—M. Menukin.
Architect—Paul R. Williams, 3839 Wilshire Blvd., Los Angeles.

Contract Awarded.
REPAIR RESIDENCE Cost, $1500
ALAMEDA, Alameda Co., Cal. No. 2250 Santa Clara Avenue.
Repair fire damage to residence.
Owner—H. P. Nielsen, Premises.
Architect—Not Given.
Contractor — Conrad Roth, Central Ave. and Willow St., Alameda.

Contract Awarded.
RESIDENCES Cost, $4,000 ea.
PALO ALTO, Santa Clara Co., Calif. 441 and 449 Oberlin Street.
Two one-story frame and stucco residences.
Owner—Wm. E. Crack, 730 Bryant St., Palo Alto.
Architect—Not Given.
Contractor—B. Tunberg & Co., Box 732, Palo Alto.

Low Bidder.
RESIDENCE Cost, $9500
BAYWOOD, San Mateo Co., Calif.
1½-story frame and stucco residence (8 rooms, 2 baths) shingle roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Low Bidder—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $3,803
OAKLAND, Alameda Co., Cal. Chabot Drive, Montclair Highlands.
Owner — Syndicato Merriewood Co., Ltd.
Architect—Earl MacDonald, 194 John Street, Oakland.
Contractor—T. D. Courtright, 349 5th Street, Oakland.

Contract Awarded.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 551 Valle Vista Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—Geo. Adelson, 683 Rand Ave., Oakland.
Architect—Ray Keefer, 770 Wesley Ave., Oakland.
Contractor — Charles Ungaretti, 1727 Foothill Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 1021 Chapman Street.
Two-story frame and stucco residence (seven rooms).
Owner—F. O'Brien, 683 Chapman St., San Jose.
Architect—Not Given.
Contractor—Paul H. Anderson, 1 2 1 0 Lincoln Ave., San Jose.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO, 213 Upper Terrace
Alterations to residence.
Owner—Miss A. P. Allcutt, 770 California Street.
Architect—Not Given.
Contractor—H. Steiger, 1 5 5 5 Haight Street.

Contract Awarded.
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1269 Florida St.
Alterations to residence.
Owner—Wm. L. Hackett, 2648 Bryant.
Contractor—San Francisco Building & Construction Co., 2212 Polk Street.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 3235 21st St.
Alterations to residence.
Owner—Mrs. R. Connor, Premises.
Architect—Not Given.
Contractor — Thomas McCormick, 75 Hill St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-seventh Ave. 100 N Santiago Street.
One-story and basement frame and stucco residence.
Owner and Builder—W. P. Coles, 1359 32nd Avenue.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN LEANDRO, Alameda Co., Cal. No. 241 Lee Ave.
One-story frame and stucco residence (6 rooms).
Owner—John Cooper.
Architect—Not Given.
Contractor—C. F. Lodge, 749 Collier St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $2,475
SAN FRANCISCO. 3728 Jackson St.
Alterations to residence.
Owner—Richard Shainwald, 3728 Jackson Street.
Architect — Hyman and Appleton, 68 Post Street.
Contractor — J. Harold Johnson, 639 Brannan Street.

Revised Plans Completed.
RESIDENCE Cost, $13,000
SAN FRANCISCO. W Santa Rita 166 N Mesa.
Two - story and basement frame residence (6 rooms, 2 baths).
Owner—Dr. Chas. E. Steiss, 24 Sotelo.
Architect—H. A. Minton, Underwood Building.

Day's Work.
RESIDENCE Cost, $3000
SAN FRANCISCO. E Cobrett Ave. 240 S Romain St.
One-story and basement frame residence.
Owner—Addie Bauer, 729 Corbett Ave.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2500
OAKLAND, Alameda Co., Cal. No. 6457 Tremont Street.
Alterations and additions to residence
Owner—Frank L. Crouch, Premises.
Architect—Not Given.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Thirty-second Ave. 100 S Anza St.
One-story and basement frame and stucco residence.
Owner and Builder — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
BERKELEY, Alameda Co., Cal. No. 2530 Hilgard Street.
Two-story frame and stucco residence (10 rooms).
Owner and Builder—A. Hammarberg, 2340 Le Conte St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. No. 776 Grizzly Peak Blvd.
One-story frame residence (4 rooms).
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 6081 Margarido Drive.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Paul H. Haller, 32 Evirel Place, Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) tile shake roof, oil burner heating system, wood sash, canvas walls, knotty pine trim, hardwood floors, tile baths, etc.
Owner—W. F. Wallace.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st St., Oakland.
Plumbing—Lass & Son, 5300 Cole St., Oakland.
Electric Wiring—Deiôrick Elec. Co., 6115 Outlook Ave., Oakland.
Furnace—Peninsula Oil Burner Co., 885 Harrison St., San Francisco.
Concrete—E. Bush, Oakland.
Wood Sash—Sunset Lumber Co., 400 High St., Oakland.
Lumber—Sunset Lumber Co.
Brick and Stone Work—W. H Wisheropp, 3749 Quigley St., Oakland.

Low Bidder.
RESIDENCE Cost, $8,500
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story frame residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—E. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded.
RESIDENCE Cost $7,000
PALO ALTO, Santa Clara Co., Calif. 1328 Cowper Street.
One-story frame and stucco residence.
Owner—C. R. Audney, Polhemus Avenue, Atherton.
Architect—Birge M. Clark, 310 University Ave., Palo Alto
Contractor—W. P. Goodenough, 569 Lowell Ave., Palo Alto

Sub-Bids Being Taken.
RESIDENCES Cost, $5000 each
OAKLAND, Alameda Co., Cal. Claremont Woodlands.
Four one- and two-story frame and stucco residences (5 and 6 rooms) shingle roofs, gas hot air heating system, wood sash, hardwood floor, tile baths, etc.
Owner and Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Plans by W. W. Dixon, 1844 5th Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Thirty-second Ave. 175 N Moraga St.
One-story and basement frame and stucco residence.
Owner—J. E. and Bertha Donovan, 1498 36th Avenue.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 1160 Clarendon Crescent.
Two - story and basement frame and stucco residence (9 rooms).
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6885
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame residence (rustic exterior).
Owner—Miss Pansy Abott and Miss E. Freeman.
Architect—Henry C. Collins, Deckeroak Bldg., Palo Alto.
Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

Owner—Taking General Bids
RESIDENCE Cost, $6000
SAN LEANDRO, Alameda Co., Cal. E-Fourteenth Street.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof, wood sash, gas furnace, tile floors & wainscot in baths, hardwood floors, etc.
Owner — J. Demito (Contra Costa Nursery, E-14th St., San Leandro.
Plans by W. W. Dixon, 1844 Fifth Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $2500
REDWOOD CITY, San Mateo Co., Cal. Santa Clara Avenue.
One-story frame residence.
Owner—W. Keller, 123 Poplar Avenue, Redwood City.
Architect—Not Given.
Contractor—H. F. Coykendall, 1401 Roosevelt Ave., Redwood City.

Contract Awarded.
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif.
Two - story and basement frame and brick residence (English style) 10 rooms and 2 baths; shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—John J. Moore, 354 Hobart St., Oakland.

Preparing Preliminary Plans.
RESIDENCE Cost, $9500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths) slate roof, hot air heating system, steel sash, oak floors, tile baths, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $7500
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and stucco residence.
Owner—Kent A. Sawyer.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6,500
SAN JOSE, Santa Clara Co., Calif 1550 Calaveras Avenue.
Two-story frame and stucco residence (seven rooms).
Owner—May C. Baugh, Beans Building, San Jose.
Architect—Not Given.
Contractor—G. S. Carpenter, Campbell, Calif.

15— SCHOOLS

BIDS OPENED
SAN FRANCISCO.—Following bids received by the Department of Public Works for modeling ornamental exterior plaster and cast stone work at the Academic Building and Gymnasium of Marina Junior High School.
(1) Academic Building:
(2) Gymnasium.

Aug. Dackert, 1450 15th St.	(1)	$ 484
	(2)	479
P. Tognelli, 475 Francisco	(1)	$ 585
	(2)	410
P. E. Denivelle	(1)	$ 640
	(2)	525
Gladding, McBean & Co.	(1)	$ 655
	(2)	525
Herman Bosch	(1)	$1318
	(2)	1388

Bids held under advisement.

Roofing and Sheet Metal Bids Wanted To Close June 10, 8 P. M.
SCHOOL Cost, $35,000
GRIDLEY, Butte Co., Calif.
Replace McKinley Primary School with one - story frame and stucco building (8 rooms) concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Bids on the lathing and plastering, plumbing, electrical, mill work, mechanical work, etc., will be asked shortly.
Labor is being furnished by SERA.

LOW BIDDER
LOS ANGELES, Cal.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills submited low bid to the Los Angeles board of education at $14,100 for reconstruction, strengthening and rehabilitation of east and west wings of the Corona Avenue school, 3825 Bell Avenue, Bell.

BIDS OPENED
REPAIR SCHOOL Cost, $——
SAN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low Bidder—H. L. Petersen, 731 Treat Ave., San Francisco.
Complete bids follow:
(1) Grout required to fill voids, per cubic yard.

H. L. Petersen		$140,382.00
	(1) add	5.00
	(1a) ded	.30
O. Monson		$141,500.00
	(1) add	5.00
	(1a) ded	1.50

Bids held under advisement.

Bids Wanted—To Close June 18, 2 P. M.
DORMITORY Cost, $500,000
SEATTLE, Wash. University of Washington Campus.
3½-story fireproof dormitory (brick & cast stone exterior, oak floors, one elevator, 4 cast stone fireplaces, kitchen, four dining rooms, 300 sleeping rooms, linoleum flooring).
Owner—State of Washington.
Architect—David J. Myers, 431 Central Bldg., and John Graham, Dexter Horton Bldg., Seattle.
Plans and specifications may be obtained from Architect David J. Myers upon deposit of $25.

CONTRACT AWARDED
VENTURA, Calif.—Hanson & Izer, 1438 Locust Ave., Long Beach, were awarded contract at $24,721 by Ventura Avenue School District for reconstructing, strengthening and rehabilitating Avenue grammar school near Ventura. Roy C. Wilson, San Rd. Santa Paula, architect.

CONTRACT AWARDED
PORTERVILLE, Tulare Co., Cal.—R. P. Moore, 3662 Verrue Ave., Fresno at $7,474 awarded contract by Porterville Union High School District for constructing concrete agricultural laboratory building on the Porterville High School site. W. D. Coates 626 Rowell Bldg., Fesno, architect.

Plans Awaiting Approval.
SHOP Cost, $8,000
KENTFIELD, Marin Co., Calif.
One - story reinforced concrete shop building.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Upon approval of plans by State Division of Architecture, Sacramento, bids will be asked.

Plans Being Figured—Bids Close June 3d, 2:30 P. M.
SCHOOL Cost, $15,000
TAHOE CITY, Placer Co., Calif.
One-story wood frame grammar school (three classrooms, assembly and kitchen) shingle roof, wood floors.
Owner—Tahoe City Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids are being received on a general contract. Plans and specifications may be obtained from the architect upon deposit of $15.00.

Sub-Contracts Awarded.
COMPLETE AUDITORIUM
Contract Price, $19,590
NORTH SACRAMENTO, Sacramento County, Calif.
Complete gymnasium (work includes painting, plastering, decorating, completing electrical, heating and plumbing systems).
Owner—Grant Union High School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.
Contractor—Azevedo & Sarmento, 920 O Street, Sacramento.
Plumbing—Sweet's Plbg. Shop, 112 W. Bassettlaw, North Sacramento.
Electric Wiring—Rex Moore, 616 San Antonio, Sacramento.
Heating—Hately & Hately, 1714 Tenth St., Sacramento.
Sheet Metal—M. R. Carpenter, 907 Front St., Sacramento.
Hardwood Floors—Fosberg and Frise, 1865 49th St., Sacramento.
Iron Grille Work—Alling Iron Works, 2415 5th St., Sacramento.
Painting—Willcoxon & Wilson, 1724 34th St., Sacramento.
Lathing & Plastering—Thos. F. Scollan, 2919 T St., Sacramento.
Finish Material—Sierra Mill & Lumber Co., 1716 31st St., Sacramento.
Stage Equipment—General Seating Co. 160 Second St., San Francisco.

BIDS WANTED
LOS ANGELES, Cal.—Until May 28, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 San Pedro St., for the reconstruction, rehabilitation and strengthening of the 1927 addition at the Thomas A. Edison junior high school. Walker & Elsen, 708 Pacific Commerce Bldg., architects, and Murray Erick, 811 W 7th St., structural engineer. Cost, $70,000.

BIDS WANTED
LOS ANGELES, Cal.—Until June 6, 11:30 A. M., bids will be received by the Los Angeles Board of Education for the reconstruction, strengthening and rehabilitation of the 1924 portion of the main building at the Fifty-ninth Street School, 5925 second Ave. S. Chas. Lee, 2404 W. 7th St., architect, Grant & Burner, structural engineers, 607 Ferguson Bldg. Cost $64,598.

LOW BIDDERS
LONG BEACH, Cal.—Myers Bros., 3407 San Fernando Road, Los Angeles, submitted low general contract bid to Long Beach board of education at $129,780 (using salvaged material) for construction of the boiler room portion and the physical education building at the Franklin junior high school site. Low bidders on other contracts were: J. Herman Co., 1349 E. Vernon Ave., Los Angeles, heating, $9575; Hickman Bros., 910 E. Anaheim St., Long Beach, plumbing, $11,864; Coast Electric Co., 2350 Cedar Ave., Long Beach, electric wiring, $9246; Geo. D. Riddle, 2826 Cedar Ave., Long Beach, architect.

Plans To Be Prepared.
SCHOOL Cost, $30,000
TRUCKEE, Nevada Co., Cal.
New grammar school to replace present two-story structure.
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Application will be filed with the PWA for funds to finance structure. If approved a bond election will be called.

BIDS WANTED
SANTA BARBARA, Cal.—Until May 31, 2:30 P. M., bids will be received by Santa Barbara board of education 1235 Chapala St., for alterations and repairs to the Jefferson school, Santa Barbara. Cashier's or certified check or bond for 5% must accompany each bid. Plans and specifications may be obtained from the Associated Architects of Santa Barbara, 116 E Sola St., upon deposit of $15. Cost, $43,000. It is proposed to reinforce the building with steel. Paul Jeffers, Architects' Bldg., Los Angeles, structural engineer.

Sub-Contracts Awarded.
SCHOOLS Cont. Price, $88,040.50
DALY CITY, San Mateo Co., Cal.
Three 1-story frame and stucco elementary schools (six classrooms, principal's office, lunch room, etc.) Jefferon, Woodrow Wilson and Crocker units.
Owner—Jefferson School District.
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.
Contractor — Meyer Construction Co., 735 Portola Drive, San Francisco.
Excavation — L. C. Smith, 235 Third Ave., San Mateo.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.
Magnesite Flooring—Leroy Olson, 170 Hooper St., San Francisco.
Stair Building—J. di Cristina & Son, 3150 18th St., San Francisco.
Blackboards—Fred Turner, 557 Market St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Flooring—Acme Floor Co., 1051 Mission St., San Francisco.
Sheet Metal—Sheet Metal Service Co., 213 Octavia St., San Francisco.
Glass—Central Hardware & Glass Co., 600 Fourth St., San Francico.
Miscellaneous Iron—Anchor Post Fence Co., 460 Fifth St., San Francisco.
Painting—Jos. J. Burdon, 257 15th St., Richmond.
Finish Hardware — Marshall Newell Co., Spear and Mission Sts., San Francisco.
Tile — Meda Art Tile Co., 221 Bay Shore Blvd., San Francisco.

BID OPENING DATE POSTPONED
PORTERVILLE, Tulare Co., Cal.—Until May 27th (bid opening date postponed from May 14) bids will be received by the Porterville Elementary School District for the installation of a new gas-fired heating plant at the Olive Street School, Porterville.
W. D. Coates, 626 Rowell Building, Fresno, architect.
Plans and specifications may be obtained from the architect. Certified check or bidder's bond for 10% of the amount bid must accompany each bid.

BIDS WANTED
WILLOWBROOK, Los Angeles Co., Cal.—Until June 3, 2 P. M., bids will be received by the Board of Public Building Reconstruction, at the South Willowbrook school, for completion of the Americanization school in Willowbrook. Bids will be taken for the general work only. Plans and specifications may be obtained at 311 California State Bldg., Los Angeles, upon deposit of $25. Cashier's or certified check, cash or bond in the sum of 10% must accompany each bid. Perrine & Mackie, Herbert Mackie, architect, 1031 S Broadway, Los Angeles.

BIDS WANTED
LIVINGSTON, Merced Co., Calif.—Until June 4, 8 P. M., bids will be received by N. S. Peck, Clerk, Merced Union High School District, for laying maple floor in the Auditorium-Gymnasium of the Livington Branch High School.
Plans and specifications may be obtained from the principal of the high school and from W. E. Bedesen, engineer, Merced.

BIDS WANTED
MERCED, Merced County, Calif.—Until June 4, 8 P. M., bids will be received by N. S. Peck, Clerk, Merced Union High School District, for re-roofing of certain buildings at the Merced High School.
Plans and specifications may be obtained from the principal of the high school and from W. E. Bedesen, engineer, Merced.

Preliminary Plans Completed.
SCHOOL Cost, $100,000
GRASS VALLEY, Nevada Co., Calif
One-story reinforced concrete school building.
Owner—Grass Valley School District.
Architect—Fred. H. Reimers, 233 Post St., San Francisco.
Application will be filed immediately with the PWA for funds to finance proposed structure. If approved a bond election will be held.

Bids Rejected.
ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School, brick con-

struction, composition roofing, extension of present steam heating system, wood floors, etc.
ner — Roseville Elementary School District (Pete Priest, Clerk).
hitect—Chas. F. Dean, California State Life Bldg., Sacramento.
ans will be revised and new bids d. On previous bid opening low-bid was submitted by H. Lawe at $17,894.

nber & Cement Contract Awarded
P Cost, $5,000
HISON, Stanislaus Co., Calif.
-story frame and stucco shop bldg.
ner—Hughson Union High School District.
hitect—G. N. Hilburn, 1213 I St., Modesto.
nber and Cement—United Lumber Yards, Inc., Hughson.
her awards will be made shortly.

ds Voted — Preparing Working Drawings.
H SCHOOL Cost, $125,000
BUCKLE, Colusa Co., Cal.
-story reinforced concrete high school (10 classrooms, auditorium seat 750, gymnasium, shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
ner — Pierce Union High School District.
hitect — W. E. Coffman, Forum Bldg., Sacramento.

ds Completed.
MNASIUM Cost, $22,000
/O ROBLES, San Luis Obispo Co., Calif.
-story brick gymnasium (65x100-ft.; dressing rooms, etc.)
ner—Paso Robles High School District.
hitect—Orval Clark, 369 N Ridgewood Place, Los Angeles.
ans have been forwarded to Sacramento and upon approval material will be asked. Labor will be furned by the SERA.

IDS VOTED
ARSON CITY, Nev.—Carson City ool District No. 1 voted bonds in amount of $61,000 on May 19. Proals to finance construction of a 2-r semi-fireproof high school building with gymnasium at Carson City. A has approved a loan and grant ting $84,000.

IS WANTED
LINGAME, San Mateo Co., Cal.
until June 6, 8 P. M., bids will be ved by W. H. Eddy, Clerk, San eo Union High School District for irs to girls' shower and locker ms at the Burlingame High School. ans and specifications may be obed at the office of the Board in High School Building, Burlingame.

IS WANTED
TTSBURG, Contra Costa Co., Cal.
Until June 4, 8:00 P. M., bids will be ved by Armand Stow, Clerk, tsburg School District, for conction of certain structural steel ses to be erected in the Pittsburg or High School, School and Som Sts., Pittsburg.
ans and specifications may be obed from Architect Louis S. Stone, Market St., San Francisco, and R. H. Cooley, Engineer, 354 Hoy St., Oakland, upon deposit if Street, Oakland, upon deposit of

ds Approved.
LENGTHEN SCHOOL Cost, $26,000
ERTERVILLE, Alameda Co., Calif.
ngthen Washington Union High School (steel and wood strengthening, etc.)
ner—Washington Un. High School District.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Bids will probably be asked in about two weeks.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $2,500
OAKLAND, Alameda Co., Cal. 1762 Broadway.
Alterations to restaurant.
Owner — Tiny's Waffle Chop, 1762 Broadway, Oakland.
Architect—Not Given.
Contractor—Mark Bristol Co., 1038 McKinley Ave., Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. NW Jackson and Van Ness Avenue.
Alterations to commercial building.
Owner—S. Sommer, NW Jackson St. and Van Ness Avenue.
Engineer—Alfred P. Fisher, 111 Sutter Street.
Mr. Fisher will supervise the construction for the owner.

Contract Awarded
ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Cal. 2527 Fresno Street.
Alterations to laboratory.
Owner—Twining Laboratories, Premises.
Plans by Engineering Dept. of Owner.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

Plans Being Figured.
STORE & APTS. Sost, $——
TUBLOCK, Stanislaus Co., Calif.
Two-story reinforced concrete store and apartment building (40x100 feet) composition and part tile roof, concrete floors in store, hardwood floors in apartments, hot air heating system, air conditioning system, etc.
Owner—Andy Thorsen.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Sub-Contracts Awarded.
STORE Cost, $28,621.50
SAN FRANCISCO. Sixteenth Street near Mission Street.
Two-story, basement and mezzanine floor Class A store and office bldg. (asphalt and gravel roofing, steam heating system, steel sash, tile work, etc.)
Owner—Wm. F. Schosser.
Architects & Engineers—J. E. Krafft & Sons, Phelan Bldg.
Contractor—H. L. Petersen, 731 Treat Avenue.
Mill Work—Herring & Nutting Planing Mill, 750 Flordia St., $4132.
Lathing & Plastering—Leonard Bosch 621 Minna St., $9748.
Sheet Metal—Robert J. Neilan, 39 Isis St., $1864.
Glass and Glazing, Sash Bars, Etc.—Progress Class Co., $2285.
Tile Work, Etc. — Malott & Peterson, 20th and Harrison Sts., $612.
Painting — August Krois, 1358 14th Avenue, $1765.
Hardware—S. Mariani & Sons, 3364 Mission St., $733.
As previously reported, heating awarded to E. A. Cornely, Inc., 1452 Bush Street.

Contract Awarded.
ADDITION Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 1065 The Alameda.
Addition to store building.
Owner—C. W. Colombet, premises.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—John Lannin, 1394 Sierra Ave., San Jose.

BIDS OPENED
OAKLAND, Alameda Co., Cal.—Following bids received by Oakland City Council for a structural steel frame over the arena area of the auditorium, including furnishing and fabricating 16 new steel wire ropes and connection fixtures required for the strengthening of the building:

Structural Steel
Pacific Coast Steel Co., 20th and Illinois Sts., San Francisco, $9000.
Judson Pacific Co., San Francisco, $10,861.
Herrick Iron Works, Oakland, $12,800.

Wire Ropes
Gilson Electric Supply Co., 1106 Madison St., Oakland, $2400.
John Roebling & Sons Co., San Francisco, $2125.
Bids held under advisement.

Sub-Contracts Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. No. 225 Bush St.
Alterations to 22nd floor for gymnasium.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Architect—George Kelham, 315 Montgomery Street.
Contractor — Lindgren & Swinerton, 225 Bush Street.
Plumbing and Heating—F. W. Snook, 596 Clay Street.
Ventilating Ducts—F. W. Snook, 596 Clay Street.
Lathing and Plastering—Peter Bradley, 639 Brannan St.
Tile—Art Tile & Mantel Works, 221 Oak Street.
Mill Work — Pacific Mfg. Co., 454 Montgomery St.

SUB-CONTRACTS AWARDED
SAN DIEGO, Cal.—Howe Brothers, 1198 San Pedro St., Los Angeles, were awarded contract for plumbing to be installed in the Ford Motor Company exhibit building under construction at the California Pacific International Exposition in San Diego. Other contracts have been awarded as follows: J. Herman Co., 1349 E. Vernon Ave., Los Angeles, ventilating; A. O. Reed & Co., 672 8th St., San Diego heating; Newberry Electric Co., 315 West 9th St., Los Angeles, electrical work. Ralph E. Phillips, Architects' Bldg., Los Angeles, mechanical engineer. B. O. Larsen, 1340 E St., San Diego, general contractor.

To Be Done By Way's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 3225 Pierce Street.
Alterations to beauty parlor.
Owner—Chas. McCarthy, Premises.
Architect—Not Given.

PLANS BEING FIGURED
SANTA BARBARA, Cal.—Edwards & Plunkett, 114 E. de la Guerra, Santa Barbara, are taking bids for remodeling a commercial building at E. Cabrillo St., Santa Barbara. The work will involve th construction of a rear addition and the installation of and air conditioning plant, indirect lighting and walnut paneling.

Construction Started.
MARKET Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. SE Sixteenth and L Streets.
One - story frame and stucco market (80x140 ft.) composition roof, concrete floors, wood sash, tile work.
Owner and Builders—Kayser Brothers, Premises.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Construction To Start Immediately.
ALTER SEORE Cost, $3000
EUREKA, Humboldt Co., Cal. Foot of F Street.
Alterations to store building.
Owner—Katherine F. Evans Estate Co.
Lesee—Western States Grocery Co.
Plans by Engineering Dept. of Lessee
Mgr. of Constr.—J. K. Bird, Eureka.

Plans Completed
ALTERATIONS Cost, $1,500
SAN FRANCISCO. NW Jackson and Van Ness Ave.
Alterations to commercial building.
Owner—S. Sommer, NW Jackson St. and Van Ness Ave.
Engineer—Alfred P. Fisher, 111 Sutter Street.

Sub-Contracts Awarded.
ALTERATIONS Cost, $30,300
STOCKTON, San Joaquin Co., Calif. 417 Main Street.
Alterations to store bldg. (new display windows, partition work etc.)
Owner—Hickinbotham Brothers.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Mgr. of Const.—Frank Eyre, 735 S. Suter St., Stockton.
Plumbing—Pahl Harry & Co., 427 E. Channel St., Stockton.
Electric Wiring—Home Electric Co., 522 E Washington St., Stockton.
Heating—Atlas Heating Co., 557 4th St., San Francisco.
Sheet Metal—Pahl Harry Co., 427 E. Channel St., Stockton.
Concrete—A. H. Sandberg, 1846 Mt. Diablo, Stockton.
Glass—W. P. Fuller & Co., 218 South Aurora St., Stockton.
Hardwood Floors—R. G. McLean, 108 N Suter St., Stockton.
Lumber—Star Lumber Co., 448 West Main St., Stockton.
Hardware—E. M. Hundley, 662 Mission St., San Francisco.
Finish Material—Union Planing Mill, Taylor and Sutter Sts., Stockton.
Grading—R. E. McCarthy, 603 Eastworth St., Stockton.,
Foundation—A. H. Sandberg, 1846 Mt. Diablo, Stockton.

Steel Sash Contract Awarded.
ADDITION Cost, $30,000
SAN FRANCISCO. W Sansome 114 N Vallejo Street.
One- and two-story loft building (reinforced concrete construction).
Owner—Sunset Press, 1045 Sansome.
Engineer—T. Ronneberg, Crocker Building.
Contractor—Cahill Bros., 206 Sansome.
Steel Sash—Soule Steel Company, 1750 Army Street.
Other awards reported May 15.

Elevator Bids Opened.
ALTERATIONS Cost, $——
SAN FRANCISCO. 955 Market St.
Alterations to Hewes Bldg. (work involves plastering in lobbies, all terrazzo floors, etc.)
Owner—California Western State Life Insurance Co., % architect.
Architect—Hertzka & Knowles (W. S. Hertzka, architect) 982 Bryant.
Following bids submitted on elevators:
Otis Elevator Co., 1 Beach St.... $ 9,665
Atlas Elevator Co..... 9,873
Pacific Elevator & Equip. Co..... 10,780
Westinghouse Elevator Co..... 10,834
Bids held under advisement.
Low bidders on other portions of the work reported May 13.

Sub-Contracts Awarded.
STORE Cost, $8,500
OAKLAND, Alameda Co., Cal. North Grand Ave. 140 E Perkins Street.
One - story reinforced concrete store building.
Owner—A. C. Oppenheimer, 700 Grand Avenue, Alameda.
Architect—Kent and Hass, 525 Market St., San Francisco.
Lessee—Hagstrom Food Stores, Inc., Oakland.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.
Mill Work—Oakland Planing Mill, 2nd and Washington Ss., Oakland.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.
Electric Work—Matson Seabrook Co., 4115 Broadway, Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Plastering—Wm. Makin, 2141 Livingston, Oakland.
Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.

Contract Awarded.
ALTERATIONS Cont. Price, $66,600
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine California State Life Bldg., Sacramento.
Contractor—Azevedo Constr. Co., 920 O St., Sacramento.
Complete bids follow:
Azevedo Constr. Co., Sacramento, $66,600.
Wm. C. Keating, Sacramento, $67,500.
Campbell Constr. Co., Sacramento, $67,970.
Dinwiddie Constr. Co., San Francisco, $70,400.
Charles Unger, Sacramento, $73,377.
Cahill Bros., San Francisco $75,000.
Jacks & Irvine San Francisco, $75,507.
Lindgren & Swinerton, San Francisco, $75,684.
P. J. Walker Company, San Francisco, $74,959.

CONTRACTS AWARDED
OAKLAND, Alameda Co., Cal.—Oakland City Council awarded the following contracts for a structural steel frame over the arena area of the auditorium, including furnishing and fabricating 16 new steel wire ropes and connection fixtures required for strengthening of the building.
Structural Steel—Pacific Coast Steel Co., 20th and Illinois Sts, San Francisco, $9000.
Wire Ropes — Gilson Electric Supply Co., 1106 Madison St., Oakland. $2400.
Complete bids published May 20.

Contract Awarded.
BANK AND STORE Cost, $100,000
SAN FRANCISCO. West Portal Dist.
One-story and mezzanine floor bank and store building (bank to be Class B reinforced concrete construction and store Class C reinforced concrete construction) composition roofing, cement and marble floors, steel sash, gas hot air heating system, etc.
Owner—San Francisco Bank.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Rough and Finish Carpentry, Miscellaneous Iron, Concrete, Reinforcing Steel and Excavation — Cahill Bros., 206 Sansome St.
Other awards will be made shortly.

17— THEATRES

FIRE LOSS
CARMEL, Monterey Co., Cal.—Fire destroyed the Carmel Theatre of the Golden Bough, May 19. Damages estimated at $100,000. Edward G. Kuster is the owner, and the Monterey Theatres Company, lessees.

18—WHARVES & DOCKS

Preparing Preliminary Plans.
YACHT HARBOR Cost, $80[illegible]
VALLEJO, Solano Co., Calif.
Yacht Harbor.
Owner—City of Vallejo.
Engineer—H. J. Brunnier, Shar[illegible] Bldg., San Francisco.

BIDS WANTED.
ALCATRAZ, Calif.—Until May [illegible] 2 P. M., bids will be received by [illegible] Warden, U. S. Penitentiary, Alcatraz, for repairs to wharf, furnishing [illegible] placing rip-rap and aggregate at [illegible]catraz.
Work involves furnishing and p[illegible]ing eleven green fender piles and [illegible] creosoted piles along north end [illegible] wharf; three green cluster piles [illegible] the northeast corner of wharf; [illegible] green cluster piles in the north [illegible] corner of wharf; ten iron bark cl[illegible] strips on north side of wharf, bo[illegible] into the creosoted piles. All piles [illegible] be 40 ft. long with at least 16-[illegible] butts; two creosoted piles along [illegible] end of wharf, both to be 30 ft. [illegible] with at least 14-in. butts, and [illegible] creosoted pile along west end of w[illegible] for use as mooring pile, to be 20 [illegible] long with at least 14-in. butt. [illegible]nish and place eleven iron bark c[illegible]ing strips on launch landing p[illegible] and two on east end dock creos[illegible] piles, and furnish only ten iron [illegible] chafing strips.
Bids will be opened in Room [illegible] Post Office Bldg., 7th and Mis[illegible] Sts., San Francisco.

19—MISC. CONSTRUCTI[illegible]

SAN FRANCISCO—Joseph J. [illegible]lips, Director of Property, will sell [illegible] public auction, June 3, 9 A. M., [illegible] City owned buildings located at [illegible] following addresses in San Franci[illegible]
(1) 1325 Florida Street.
(2) 1327 Florida Street.
(3) 2728 Bryant Street.
(4) 2738-2740 Bryant Street.
(5) 2740½ Bryant Street.
Information obtainable from [illegible] Phillips at the City Hall.

TO ASK BIDS
GARNET, Riverside Co., Cal.—[illegible]ward Cray Taylor and Ellis [illegible] Taylor, architects and engineers, [illegible] W Third St., Los Angeles, have c[illegible]pleted working drawings for a [illegible]ber of new buildings and service [illegible] be constructed on the Bender-[illegible]bard Date Ranch near Garnet. [illegible] architects will take bids this [illegible] for the plumbing, to be opened [illegible] May 21, and will take bids next [illegible] for the electrical work, to be op[illegible] about May 23. The owners, with [illegible] Bender in charge, are doing their [illegible] concrete and carpenter work. A [illegible]tract for all exterior pipe has [illegible] awarded to the Kelley Pipe Co. [illegible] improvements will include six [illegible] bungalows, to contain two, three [illegible] four rooms and baths, helps' [illegible]ters, and an addition to the exi[illegible] ranch house which will provi[illegible] lounge and dining room and kit[illegible] facilities. The buildings will be [illegible] frame structures with concrete [illegible]dations and floors, tile roofs, [illegible] sash, tiled bathrooms, tiled firepl[illegible] vented gas heaters, etc. Gas for [illegible]ing and cooking will be provide[illegible] a butane plant. Mains and a 1[illegible] gallon tank will be installed to h[illegible] the water supply, which will [illegible] from a well 700 feet from the [illegible] Present plans contemplate the i[illegible]lation of a new electric gener[illegible] plant or conversion of an exi[illegible] plant. Other improvements, t[illegible]clude additional bungalows, a s[illegible]ming pool and tennis courts, w[illegible]

le at a later date. O. W. Ott, shington, Bldg., Los Angeles, is mechanical engineer.

ns Completed.

USEMENT BLDG. Cost, $18,000
N FRANCISCO. Jerrold, Toland, Upton and McKinnon Streets.
-story frame amusement bldg.
ner—San Francisco Stadium, Inc., 200 Bush Street.
hitects—Gardner A. Dalley and G. E. Ellinger, 210 Bush Street.

ns Completed

POT Cost, $100,000
JOSE, Santa Clara Co., Calif. San Fernando and The Alameda.
-story steel frame depot (256x80-ft.) pressed brick walls, stucco exterior, concrete foundations, tile roof, steam heating system, etc. (waiting room, 80x40 feet) glass enclosed concourse leading to the trains, passenger and freight department offices, etc.
ner—Southern Pacific Co., 65 Market St., San Francisco.
ns by Engineering Dept. of Owner (J. H. Christie, Engineer).
ds will be asked shortly on a general contract. Foundations have been ted by owner's own forces.

May 20, 1935

ID ELECTION

AFT, Kern Co., Cal.—Taft Union h School District will vote on 3 on a proposal to issue bonds e amount of $80,000, proceeds to ce construction of a swimming on the high school grounds at

eliminary plans have been pre-d by Architect W. H. Weeks, 525 eet St., San Francisco.

ract Awarded.

VENIENCE STATION
Cont. Price, $3958
FRANCISCO. Lands End.
story reinforced concrete convenience station.
ner—Board of Park Commissioners Park Lodge, Golden Gate Park.
itect—George Kelham, 315 Montgomry St., San Francisco.
ractor—De Luca & Son, 1745 Filbert St., San Francisco.
mplete bids follow:

uca & Son	$3958
of Park Commissionres	(3963
Silverberg	3982
arold Johnson	4042
iddie Constr. Co.	4125
k J. Reilly	4289
on Bros.	4360
Epp	4470
t & Martineli	4738

s Being Prepared.

SOLEUM Cost, $2,200
O, Butte Co., Calif.
forced concrete private mausoeum (marble and bronze interior) o contain 16 crypts.
ner—Withheld.
itect—Jens C. Petersen, 812 26th St., Sacramento.
ls will be asked at a later date.

ruction Started.

SOLEUM Cost, $22,000
O, Butte Co., Calif.
tion to Chico Memorial Mausoeum (add 210 crypts) reinforced concrete construction, marble and bronze interior.
er — Chico Memorial Mausoleum Assn. (Dr. J. O. Chiapello, President) Chico.
itect—Jens C. Petersen, 812 26th St., Sacramento.
ractor—J. C. Meyers, Rt. 1, Box 39, Stockton.

ract Awarded.

L Cost, $3,500
FRANCISCO. Rear of 737 Bush.

Reinforced concrete retaining wall.
Owner—Herman Sommer and Harry M. Shane.
Architect—Not Given.
Contractor—James L. McLaughlin Co. 251 Kearny Street.

PLANNED

BAKERSFIELD, Kern Co., Cal.—Bakersfield City Council this week authorized City Manager Fred Nighbert to purchase a public address system to be used in the Bakersfield City parks.

To Be Done By Day's Work.

ALTERATIONS Cost, $2500
REDWOOD CITY, San Mateo Co., Cal. Spring Street.
Alterations to mushroom house.
Owner—Golden State Mushroom Co., Spring St., Redwood City.
Architect—Not Given.

To Be Done By Day's Work.

RECREATION BLDG. Cost, $2,000
LA HONDA, San Mateo Co., Calif.
One-story frame recreation building.
Owner—San Francisco News, 812 Mission St., San Francisco.
Architect—Not Given.

20—MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED

LOS ANGELES, Cal. — Contracts were awarded by the Los Angeles Water & Power Commission, May 14, for furnishing pipe under Specification No. 1658, as follows:

Items 1, 2, 7, 8 and 9 to U. S. Pipe Foundry, at $183,600.

Items 3 and 6 to American Cast Iron Pipe Co., at $38,100.

Items 4 and 5, to National Cast Iron Pipe Co., at $34,950.

CONTRACTS AWARDED

SAN FRANCISCO—Contracts for furnishing steel rails, joists, etc., for the Municipal Railway, under Bid No. 1357, have been awarded by T. A. Brooks, Purchaser of Supplies, City Hall, as follows:

Columbia Steel Co., 150 pairs 36-in. 12-hole joint plates for 110-lb. rail, $5.705 per pair.

Pacific Coast Steel Corp., 185 gross tons 105-lb. rail, $70.2414 per gross tons; 20 pairs compromise joint plates, $10.65 per pair; 50 gross tons 110-lb. rail, $70.7114 per gross ton.

Baker Hamilton & Pacific Co., 4 kegs 1-in. x 5-in. track bolts, $9.70 per keg; 35 kegs 9/16 x 5½-in. track spikes, $6.60 per keg.

Kortick Mfg. Co., 600 tie rods, $0.4114 each.

CONTRACTS AWARDED

COMPTON, Los Angeles Co., Cal.—Contracts for pipe, valves and curb cocks have been awarded by A. B. Gidley, City Manager, Compton, as follows:

U. S. Pipe & Foundry Co.—10,800 ft. 4-in. cast iron B&S water pipe, Class 150, at 43c ft.

James Jones Co.—1200 ft. ¾-inch copper service pipe at 15.3c ft., and 100 ¾-in. curb cocks at $1.66 each.

Lord-Babcock Co.—16 4-in. cast iron gate valves at $12.87 each.

All bids received May 8 were rejected and the city manager authorized to buy in the open market with the above result. Purchases of lead and cast iron fittings are yet to be made.

CONTRACTS AWARDED

FRESNO, Fresno Co., Cal.—Following contracts awarded by Lieut. Geo. T. Stump, Purchasing and Contracting Officer, Civilian Conservation Corps, 414 P St., Fresno, under Bid No. 5905-35-111, for which bids were opened May 16:

Lumber and Cement—Standard Lumber & Mill Co., 1710 Blackstone Ave., Fresno, $445.49; 5% 10 days.

Millwork — Hollenbeck - Bush Planing Mill Co., Van Ness and Lorena Sts., Fresno, $69.06; 2% 10 days.

Roofing and Felt—Maisler Bros. Lumber Co., 2244 Railroad Ave., Fresno, $315.66; 2% 30 days.

Hardware — Fisher-Glassford Hardware Co., Fulton and Merced Sts., Fresno, $62.58; 2% 10 days.

Sheet Metal and Plumbing—Walworth California Co., 434 P St., Fresno, $271.14; 2% 30 days.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, May 17, under Spec. No. 683-D, for furnishing observation platforms, ladders, railings and doors for installation at the tunnel plug outlet works at the Boulder Dam Boulder Canyon Project:

Kawneer Co., Chicago, (1) Bid price, $2461; (2) Weight, 11,000 lbs.; (3) Delivery point, Chicago; (4) Discount, Net; (5) Time, 30 days.

Galvin Kadala, Inc., Chicago. (1) $1750 (2) 12,500 lbs.; (3) Chicago; (4) ½%; (5) 30 days.

Silver-Roberts Iron Works, Inc., Denver, (1) $2000; (2) 13,000 lbs.; (3) Denver; (4) net; (5) 30 days.

Lacy Mfg. Co., Los Angeles, (1) $1540 (2) 12,000 lbs.; (3) Los Angeles; (4) Net; (5) 30 days.

Ornamental Iron Works, Akron, Ohio, (1) $1367; (2) 10,742 lbs.; (3) Boulder City; (4) ½%; (5) 45 days

Consolidated Steel Corp., Ltd., Los Angeles, (1) $1500; (2) 11,800 lbs.; (3) Los Angeles; (4) Net; (5) 30 days.

John W. Beam, Denver, (1) $2050; (2) 12,500 lbs.; (3) Peotone, Ill.; (4) ½%; (5) 30 days.

A. J. Bayer Co., Los Angeles, (1) $1789; (2) 17,000 lbs.; (3) Los Angeles; (4) Net; (5) as specified.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Consolidated Steel Corp., Slauson and Eastern Avenues, Los Angeles, at $11,332 submitted low bid to the Metropolitan Water District May 20 for furnishing water stops for construction joints, and water stops and steel plates for dummy joints for 15 ft. 4½-in. cut-and - cover conduit of the Colorado River Aqueduct, Spec. No. 99.

Bids were taken as follows:

(1) 510 complete sets of water stops and steel plates for arch dummy joints;

(2) 510 complete sets of water stops and steel plates for invert dummy joints;

(3) 220 complete sets of water stops for arch construction joints;

(4) 220 complete sets of water stops for invert construction joints.

The bidders were:

(A) Consolidated Steel Corp., fob Los Angeles; net 30 days.

(B) Western Pipe & Steel Co., fob Los Angeles; net 30 days.

(C) * Lacy Mfg. Co., fob Los Angeles; no discount.

(D) Southwest Welding & Mfg Co., fob Alhambra; ½% 10 days.

(E) Madsen Iron Works, fob Huntington Park; net.

*State sales tax included.

The bids were:

	(1)	(2)	(3)	(4)	Total
(A)	$11.30	$7.90	$3.82	$3.18	$11,332.00
(B)	13.30	7.80	4.20	3.55	12,466.00
(C)	13.90	9.40	5.00	4.25	13,918.00
(D)	15.40	9.45	5.50	4.60	14,895.50
(E)	20.55	12.45	5.45	4.10	18,931.00

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

NATIONAL PARK SERVICE

SAN FRANCISCO.—Until May 28, 2:00 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing one lot of electrical equipment for the Yellowstone National Park.

Delivery fob bidder's shipping point for shipment on Government bill of lading.

Specifications obtainable from above office.

SAN FRANCISCO.—Until May 28, 3:30 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing two complete water wheel units and certain accessory equipment for the power generating plant for Yellowstone National Park.

Delivery fob Gardiner, Montana.

Specifications obtainable from above office.

SAN FRANCISCO — Until June 3, 2:30 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing fencing materials for Chaco Canyon National Mounment, as follows:

(1) 8500 galvanized steel line posts, 7 ft. long, with anchor flanges.
(2) 4000 do, without anchor-flanges.
(3) 610 galvanized steel end posts, 7½ feet long.
(4) 50 galvanized steel cornor posts, 7½ ft. long.
(5) 20 galvanized single gates, 50-in. x 12-ft. tubular frame.
(6) 40 galvanized steel gate posts to fit above gates, 7½-ft. long.
(7) 1000 spools (80-rods each) galvanized barbed wire, 2-point, 12½ gauge.
(8) 20 padlocks, pin-tumbler, bronze or brass case, 1¾-in.

Delivery f.o.b. bidder's shipping point and/or Thoreau, N. M.

Specifications obtainable from above office.

BUREAU OF PRISONS

ALCATRAZ ISLAND, Calif.—Until May 28, 2 P. M., bids will be received by the Warden, U. S. Penitentiary Alcatraz Island, to be opened at Rm. 214, Post Office Bldg., 7th and Mission Sts., San Francisco, under Bid No. 344, for repairs to the Launch McDowell, including drydocking, repairing, painting, etc.

Bidders are requested to visit the launch at Pier 4, Fort Mason, on any day at 3:15 P. M. Mr. Marshall, the launch engineer, will be there to explain details.

Specifications obtainable from above office.

OAKLAND CITY

OAKLAND, Alameda Co., Cal.—Until May 28, 7 P. M., bids will be received by Cyrus W. Abbott, Secretary, Board of Park Directors, for furnishing approximately 500 yards of loam, 5000 yards of fill and 500 yards of manure, to be delivered within a radius of five miles of Lake Merritt during the fiscal year ending June 30, 1936.

CALIFORNIA STATE

SAN MATEO, Santa Cruz and Santa Clara Counties, Cal.—Until May 29 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of one power shovel of not less than ¾ c.y. capacity, for approximately 600 hours, to be used in San Mateo, Santa Cruz and Santa Clara counties.

Specifications obtainable from above office.

MARIN COUNTY, Cal.—May 27, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the rental of one pneumatic tired dump truck, chassis weight not less than 2800 lbs., body capacity not less than 1½ cu. yds., for approximately 600 hours, to be used in Marin County.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until May 28, 2 P. M., bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Depot, Government Island, Oakland, under Bid No. 2516, for furnishing 66 abney levels, with cases.

Delivery f.o.b. Ogden, Utah.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until May 28, 2 P. M., bids will be received by Frank Haynle, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 2509: Fob bidder's shipping point and/or Porterville: 100 oil cans, 5-gal. capacity;

BID NO. 2504: Fob bidder's shipping point and/or destinations shown: (1) 300 ft. solid hexagon, 1⅛-in. carbon tool steel, not annealed, Redding; (2) 150 ft. solid octagon, 1-in. do, Redding; (3) 240 ft. do, Placerville; (4) 80 ft. do, 1⅛-in., Placerville;

BID NO. 2511: Fob bidder's shipping point and/or Del Rosa: Replacement parts for Cletrac, Model 35 tractors;

BID NO. 2510: Fob bidder's shipping point and/or Government Island: garage door hardware.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Calif.—Bids will be received by I. M. Stevens, Acting Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

MAY 27, 2 P. M.

BID NO. 2494: Fob bidder's shipping point and/or Government Island: 100 stationery cabinets, desk.

JUNE 3, 2 P. M.

BID NO. 2493: Fob bidder's shipping point and/or Government Island: 500 waste paper receptacles, metal, olive green, square with plain sides.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Calif. — Until 29, 3 P. M., bids will be receive the U. S. Engineer Office, Capt. J Drinkwater, District Engineer, R 208 Post Office Building, under O No. 7334/2278, for furnishing one ume blower, 115 volts, D. C., cap of delivering 450 cu. ft. of air minute.

Delivery fob Rio Vista.

Specifications obtainable from a office.

SACRAMENTO, Calif.—Until 3rd, 3 P. M., bids will be receive the U. S. Engineer Office, Capt. J Drinkwater, District Engineer, R 208 Post Office Building, under der No. 7327/D.O., as follows:

(1) Fuel oil, to be delivered at dealer's water-side stations at places and in the amounts appr mately as shown: (a) 15 barrel Stockton; (b) 125 bbls., Sacrame (c) 25 bbls, Knight's Landing.

(2) Diesel Engine oil, to be deli ed at the dealer's service station the places and in the amounts proximately as shown: (a) 250 g Stockton; (b) 1,000 gals., Sacrame (c) 250 gals., Knight's Landing.

Specifications obtainable from a office.

SACRAMENTO, Calif. — Until 29, 3 P. M., bids will be receive the U. S. Engineer Office, Capt. Drinkwater, District Engineer, I 208 Post Office Building, under der No. 7320/2278, for furnishing:

(1) 2,000 ft. solid copper wire, i lated, 14 gauge;
(2) 48 flashlight batteries, 3 cell;
(3) 10 fuses, 3 A. G., 30 amps., in. overall;
(4) 60 connector bodies;
(5) 200 porcelain insulators.

Delivery fob Rio Vista.

Specifications obtainable from a office.

CALIFORNIA STATE

BISHOP, Inyo Co., Cal.—Until 28, 3 P. M., bids will be receive J. A. Stein, Superintendent of Eq ment, Shop 9, Division of Highw Bishop, for the sale of the follo equipment:

CHC 161 Grader-Tractor, Hadf. P McCormick - Deering, 8-ft. with scarifier, SRT;
CHC 99 Pump Unit, 2-in. Evi Portable, 1½-hp. engine;
CHC 39 Scraper, Atlas Rotary;
CHC 214 Trailer, 3-ton, 4-wheel SRT with 450-gal. tank.

All equipment may be inspect the Division of Highways Yard op, Calif., from 8:00 A. M. to 5: M., on any working day.

Merced High School Dist

LIVINGSTON, Merced Co., C Until June 4, 8 P. M., bids will b ceived by N. S. Peck, Merced U High School District, for tw passenger school busses on chassis Specifications may be ob ed from the principal of the School and from W. E. Bedesen, ginceer, Merced.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until May 31, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for the construction of a reinforced concrete culvert on Foothill Blvd. at Hall Beckley Canyon Wash.

The work involves:

(1) 135 c.y. concrete to be removed and disposed of;
(2) 1900 c.y. struc. excavation;
(3) 140 tons asphalt concrete;
(4) 55,000 lbs. bar reinf. steel;
(5) 370 c.y. Class A Portland cement concrete;
(6) 50 l.f. timber railing;
(7) 1 lot misc. items of work.

Plans and specifications obtainable from the above office.

BIDS OPENED

PORTLAND, Ore.—Following is a complete list of the bids received by the U. S. Engineer Officer, 627 Pittock Block, Portland, May 14, under Bid No. 698 - 35 - 605, for furnishing ready for erection and field riveting, two 168-foot riveted truss spans complete with shoes, anchor bolts, lead plates, field rivets, etc., approximately weight, 950,000 lbs.

Columbia Steel Co., San Francisco, $34,390; fob Gary, Ind.

Judson Pacific Co., San Francisco, $38,380, fob San Francisco; $39,520 fob Bonneville.

Pacific Car & Foundry Co., Seattle, $39,634 fob Renton, Wash., or Portland.

Ingalls Iron Works, Birmingham, Ala., $33,150 fob Birmingham.

Pacific Coast Steel Corp., Alameda, $29,260 fob Pottstown, Pa.

Virginia Bridge & Iron Works, Roanoke, Va., $34,440 fob Memphis, Tennessee.

Bethlehem Fabricators, Inc., Bethlehem, Pa., $31,730 fob Bethlehem.

Worden-Allen Co., Milwaukee, Wis., $31,587 fob Milwaukee.

Wallace Bridge & Structural Steel Co., Seattle, $40,375 fob Seattle.

Jos. T. Ryerson & Son, Chicago, $34,200 fob Chicago.

Minneapolis Moline Power & Implement Co., Los Angeles, $37,050 fob Minneapolis.

Wisconsin Bridge & Iron Co., Milwaukee, $37,525 fob Milwaukee.

Award will be determined by shipping rates.

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 2475, for furnishing:

(1) One lot structural steel bearing plates, expansion joints and superstructure bolts;
(2) One 40-ft. structural steel skew beam span, including all structural steel bolts for field connections, etc.;
(3) One 30-ft. simple beam span, including all structural steel, bolts for field connections, etc.:

Schrader Iron Works, fob San Francisco, $1,219.

Golden Gate Iron Works, fob San Francisco, $1,090.

Herrick Iron Works, fob Oakland, $1,130.

Judson-Pacific Co., fob San Francisco, $1,005.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until June 3, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Court House, San Jose, Henry A. Pfister, Clerk, for the construction of a reinforced concrete culvert on Quindy Road in Supervisor District No. 2.

Plans and specifications obtainable from County Surveyor Robt. D. Chandler at a charge of $1.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until June 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of two timber bridges in Monterey County, between 38 and 43 miles north of San Simeon. One is to be across Limekiln Creek, consisting of one 126-foot deck truss span, three 40-ft. steel beam spans, and approximately 165 feet of trestle spans; and the other is to be across Vicente Creek, consisting of one 126-foot deck truss span, two 40-foot steel beam spans, and approximately 137 feet of trestle spans.

The work involves:

(1) 1700 cu. yds. roadway excavation;
(2) 1100 cu. yds. struct. excavation;
(3) 373 cu. yds. Class A Portland cement concrete;
(4) 30,500 lbs. bar reinf. steel;
(5) 314,000 lbs. structural metal;
(6) 326 MFBM Redwood timber, dense select all heart structural grade
(7) 123 MFBM Redwood timber, select all heart structural grade;
(8) 1 lot mis. items of work.

Plans and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco, Los Angeles and the district in which the work is situated.

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED

LOS ANGELES, Cal.—Merritt-Chapman & Scott, 720 Wilmington Road, San Pedro, at unit bids shown below, awarded contract by U. S. Engineer Office, Los Angeles, May 15, for furnishing and placing 500 tons of stone around the site of the proposed lighthouse to be erected at the end of the breakwater in Los Angeles Harbor.

(1) For furnishing plant consisting of floating derrick and towboat, each manned and fully equipped, $18 per hour.
(2) For furnishing and placing 500 tons of stone, $2.85 per ton.

Freight rate 95c per ton.

Complete bids published May 15.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SAN FRANCISCO.—Healy - Tibbitts Const. Co., 64 Pine St., at $0.20 per ton awarded contract by T. A. Brooks Purchaser of Supplies, City Hall, under Bid No. 1374, for furnishing and dumping approximately 10,000 tons of rock in Yacht Harbor. The company specified in their bid that there would be no charge for equipment.

FUNDS ALLOTTED

GRAYS HARBOR, Wash. — Lieut. Col. H. J. Wild, District Engineer, War Dept., Federal Office Bldg., Seattle, advises that $410,000 will be available immediately for the construction of the Grays Harbor Jetties. Plans are being completed and bids will be called as soon as possible.

ALLOTMENT RECOMMENDED

LOS ANGELES, Cal.—The advisory Committee on allotments of the Federal Government Public Works Administration has recommended an allotment of $1,000,000 for additional construction on the Los Angeles harbor breakwater. The engineers for the project estimate that $1,825,000 will be required to complete the breakwater project.

ALLOTMENT RECOMMENDED

SAN DIEGO, Cal.—An allotment of $1,800,000 for dredging at San Diego harbor has been recommended by the advisory committee on allotments of the Federal Government Public Works Administration. The project involves widening the main ship channel off North Island to 2200 ft. and depositing dredged materials at the north beach to add about 450 acres to the naval air station area.

FUNDS ALLOTTED

PACIFIC COUNTY, Wash.—Lieut. Col. H. J. Wild, District Engineer Was Department, Federal Office Bldg Seattle, advises that $207,000 will be available immediately for the construction of the Narrows Cutoff at Willapa Harbor, Raymond. The channel will be 3100 ft. long with a channel 24x200 feet. Plans are being completed and bids will be asked shortly.

23—IRRIGATION PROJ.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho —J. P. Brumback, Parma, Idaho, at $16,550 submitted low bid to the Bureau of Reclamation, Ontario, Oregon, May 14, under Spec. No. 679-D, for the construction of earthwork, North Canal Laterals 25.4 to 27.8-0.7, Mitchell Butte Division, Owyhee Project. The work is located near Dunaway and Nyssa, Oregon.

J. A. Terteling & Sons, Boise, at $17,590, and P. R. Teters & Co., Spo-

kane, at $18,360 submitted second and third low bids, respectively.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho—Winters and Ashcroft, Nyssa, Ore., at $7469 on Schedule 1, and J. A. Terteling & Sons, Boise, at $13,161, on Schedule 2, submitted low bids to the Bureau of Reclamation, Ontario, Oregon, May 15, under Spec. No. 681-D, for the construction of structures, North Canal laterals N. C. 9.9 10.5, 10.5-0.3; 10.5-0.6; 10.5-1.2; 10.5-1.8; 10.5-2.1; 11.0; 11.7; 12.4; 12.4-0.4; 12.9 13.6; 13.6-0.2; 13.6-0.8, and 13.6-1.1, Mitchell Butte Division, Owyhee Project, near Dunaway, Oregon.

The two low bids on each schedule were:

Schedule 1

Winters & Ashcroft, Nyssa, Oregon, $7469.

John Gardner, Nyssa, Ore., $7587.

Schedule 2

J. A. Terteling & Sons, Boise, $13,-161 .

Fife & Co., Nyssa, $13,274.

Complete bids will be published

24— STREET LIGHTING SYSTEMS

LOW BIDDER

ROCKWELL FIELD, San Diego, Cal.—V. R. Dennis Const. Co., 3911 5th Ave., San Diego, submitted the low bid to the Constructing Quartermaster, Rockwell Field, May 29, for the installation of a night lighting system at Rockwell Field.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Identical bids at $1,-434, 2% 30 days, were received by the State Purchasing Agent, Sacramento, May 10, under Quotation 50388, Req. 7268, for furnishing a motor grader fob North Hollywood.

The bidders were:

Smith Booth Usher, Los Angeles.

Shepherd Tractor & Equip. Co., Los Angeles.

J. D. Adams Co., Los Angeles.

Austin-Western Road Machy. Co., Los Angeles.

Bids held under advisement.

BIDS OPENED

SAN BERNARDINO, Cal.—Following bids received by the State Purchasing Agent, Sacramento, May 14, under Quotation No. 50892, Req. 1854, for furnishing a tractor f.o.b. San Bernardino:

Crook Co., (1) gross, $2692; (2) trade in allowance, $907; (3) net, $1785.

Weaver-Rye Tractor Co., (1) $2362; (2) $550; (3) $1812; 2% 30 days.

Smith Booth Usher, (1) $2695; (2) $835; (3) $1860; 2% 30 days.

J. D. Adams Co., (1) $2821.50; (2) $785 (3) $2036.50; 5% 30 days.

Bids held under advisement.

CONTRACT AWARDED

LAS CRUCES, N. M.—Ruth Dredger Mfg. Corp., 5980 Boyle Ave., Los Angeles, at $19,500 awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 671-D, for furnishing one ditch cleaning and excavating machine of the double crawler traction and endless chain bucket digging unit type to be used for cleaning, deepening and widening drains and canals and excavation of new drains and canals on the Rio Grande Project, New Mexico-Texas.

BIDS OPENED

SAN FRANCISCO.—Bids were opened by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing pump and accessories for the Scotts Bluff National Monument, as follows:

(1) 1 self-oiling deep well pumphead, 12-in. stroke, complete with pulley for electric drive;
(2) one 3-hp. 200 volt, single phase 60-cycle repulsion induction motor and controls;
(3) one anti-freeze set, 4-ft. long, 12-inch stroke;
(4) one all - brass deep well cylinder, 12-in. stroke, single acting;
(5) 120 ft. 3½-inch standard wrought steel pipe, galvanized;
(6) 120 ft. 1⅞-in. hardwood sucker rod, with galvanized wrought iron couplings.

Fairbanks, Morse & Co., San Francisco: $514.34, fob Kansas City; 2% 30 days; delivery in 14 days.

Simonds Machinery Co., San Francisco: $392.50, fob San Francisco; net; delivery in 4 days.

Pacific Pump and Supply Co., San Francisco: $404.50, fob Ashland, Ore.: 2% 30 days; delivery in 10 days.

BIDS OPENED

BOULDER CANYON, Nevada — Following bids received by the Bureau of Reclamation, Denver, Colo., May 16, under Spec. No. 680-D, for furnishing twelve discharge guides for 72-in. needle valves for installation in the tunnel plug outlet works at the Boulder Dam Canyon Project:

Babcock & Wilcox Co., Denver, (1) Bid price, $18,000; (2) Weight, 192,000 lbs.; (3) Delivery point, Barberton, Ohio; (4) Discount, Net.

Lacy Mfg. Co., Los Angeles, (1) $19,-550; (2) 248,000 lbs.; (3) Los Angeles; (4) Net.

Southwest Welding & Mfg. Co., Alhambra, (1) $22,194; (2) 255,860 lbs.; (3)Alhambra; (4) ½%.

Lakeside Bridge & Steel Co., Milwaukee, (1) $22,246; (2) 200,300 lbs.; (3) Boulder City; (4) ½%.

California Steel Products Co., San Francisco, (1) $20,881; (2) 254,194 lbs.; (3) San Francisco; (4) 1%.

Los Angeles Shipbuilding & Dry Dock Co., San Pedro, (1) $31,330; (2) 190,000 lbs.; (3) San Pedro; (4) Net.

Steacy-Schmidt Mfg. Co., York, Pa., (1) $28,000; (2) 235,000 lbs.; (3) York; (4) Net.

Alco Products, Inc., New York, (1) $27,850; (2) 216,850 lbs.; (3) Dunkirk, N. Y.; (4) Net.

McClintic - Marshall Corp., Bethelehem, Pa., (1) $24,898; (2) 220,000 lbs.; (3) Leetsdale, Pa.; (4) Net.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) $33,378; (2) 193,000 lbs.; (3) Milwaukee; (4) ½%.

Consolidated Steel Corp., Los Angeles (1) $20,800; (2) 230,000 lbs.; (3) Los Angeles; (4) Net.

Los Angeles Shipbuilding & Dry Dock Co. specify delivery in 90 days; all others specify delivery in 120 days.

BIDS OPENED

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, May 15, under Spec. No. 682-D, for furnishing two direct-connected, motor-driven deep-well, turbine type pumping units to be used as sump pumps and two direct-connected motor-driven deep-well, turbine-type pumping units to be used as drainage pumps in the tunnel plug outlet works at the Boulder Dam, Boulder Canyon Project. The drainage pumping units shall be assembled and rebuilt from parts salvaged from one deep-well motor-driven turbine pumping unit to be furnished by the Government. All pumping units will be installed by the Government.

Byron-Jackson Pump Co., Berkeley, (1) $2518.10 f.o.b. Boulder City; (2) 5050 f.o.b. Berkeley; (250-hp. motor); (3) $5955 f.o.b. Berkeley (200-hp. motor). Delivery in 90 days.

Bingham Pump Co., Portland, Oregon, (1)$1546; (2) $5514; combination, $7060.

BIDS OPENED

SAN FRANCISCO—Following bids received by Jas. T. Forster, Assistant Procurement Engineer, Forest Service, 85 Second St., San Francisco, under Contract No. 588, for furnishing one deep well type pump:

Pacific Pump & Supply Co., San Francisco, (1) Bid price, $276.50; (2) Terms, 2% 30 days; (3) F.O.B. point, San Francisco; (4) Delivery in 3 days.

Dorward Pump Co., San Francisco, (1) $493.05; (2) 2% 30 days; (3) San Francisco; (4) 3 days.

Simonds Machinery Co., San Francisco, (1) $263.05; (2) 2% 10 days; (3) Fallbrook; (4) Stock.

Engineering Service & Supply Co., San Francisco, (1) $404.37; (2) 2% 10 days; (3) San Francisco; (4) 7 days.

Fairbanks, Morse & Co., San Francisco, (1) $342.52; (2) Net; (3) San Francisco; (4) 10 days.

General Pump Co., San Francisco, (1) $225; (2) 2% 10 days; (3) San Francisco; (4) 10 to 12 days.

Woodin & Little, San Francisco, (1) $259; (2) 2% 10 days; (3) San Francisco; (4) 1 day.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR-1377, for the rental of (a) two 40-hp. or (b) two 60-hp. Caterpillar tractors for an indefinite period (5 day week, 6 hour day), to be used on the Lake Merced Project Unit No. 4:

D. C. McCabe (a) $4.50 per hour.

H. T. Guerin (a) $5.75 per hour; alt. for a 30-50 broad gauge gas, $4.50 per hour.

Chas. L. Harney (b) $6.625.

Peter J. McHugh (b) $6.60.

J. D. Proctor (b) $6.62.

BIDS OPENED

SAN FRANCISCO—Following bids received by Jas. T. Forster, Assistant Procurement Engineer, Forest Service, 85 Second St., under Contract No. 585, for the rental of one power shovel of ⅜ to ½ cu. yd. capacity, for a period of not less than two months and not more than five months:

Edward R. Bacon Co., San Francisco, 1 Monthly rental, $414; (2) Type of equipment, Bearcat Jr. ⅜; (3) f.o.b. point, Sacramento.

S. R. Eastwood, Redding, (1) $490; (2) Insley ⅜; (3) Redding.

N. Giorgi, San Francisco, (1) $500; (2) Brown ½; (3) San Francisco.

Harnischfeger Sales Corp., (1) $503.60 (2) P & H 300-A; (3) Chico.

C. A. Baker, Sacramento, (1) $650; (2) Osgood 1¼; (3) Sacramento.

Western Crane Service Corp., Oakland, (1) $700; (2) Universal or Christie ½; (3) McCloud.

26—— RAILROADS

BIDS WANTED

BONNEVILLE DAM, Ore. — Until June 4, 3 P. M., bids will be received by the U. S. Engineer Office, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694-35-22, for furnishing:

(1) 44,500 l.f. new steel rails;
(2) 2,300 new angle bars;
(3) 14 compromise joints, new, 90 lb. ARA to 112 lb. RE.

Delivery fob cars at mill shipping point.

The materials are required for the relocation of the Oregon-Washington Railway and Navigation Company's railroad near Bonneville.

LOW BIDDERS

BONNEVILLE DAM, Oregon.—Sam Orino, East 3104 Boone, Spokane, at $793,191 submitted low bid to the U. S. Engineer Office, Pittock Block, Portland, under Bid No. 694-25-1, for the construction of a portion of the relocated line of the O. W. R. R. & N. Co.'s railroad and riprap protection of Ruckel Slide between Railroad mile post 37 and Cascade Locks in the vicinity of Bonneville.

Siegns - Spokane Co., Spokane, at $808,889 submitted second low bid and Paul J. Tyler, Oroville, Calif., at $835-183 submitted third low bid.

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN FRANCISCO.—Until June 5, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Airport Contract No. 34, for the construction of field fill for extension of landing field at the San Francisco Airport. Estimated cost $135,000.

The work involves:

(1) 240,000 c.y. fill;
(2) 50,000 c.y. rock surfacing;
(3) 20,000 c.y. removal of old levee.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, San Francisco, upon deposit of $10.

BIDS WANTED

MADERA COUNTY, Cal. — Until June 12, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 7.8 miles surfacing with plant mixed surfacing on a crusher run base, in Madera County between Coarse Gold and Oakhurst.

The work involves:

(1) 450 M. gals. water;
(2) 217 Stations finishing rdwy.;
(3) 20,600 tons crusher run base;
(4) 95 tons liquid asphalt MC-2 prime coat;
(5) 9370 tons mineral aggregate (plant-mixed surfacing);
(6) 780 tons mineral aggregate (stockpiles);
(7) 470 tons liquid asphalt ROMC-1 (plant-mixed surfacing);
(8) 565 tons liquid asphalt SC-2 (shoulders, ditches and dikes).
(9) 50,300 sq. yds. preparing, mixing and shaping shoulders, ditches and dikes;
(10) 18 tons liquid asphalt MC-3 (seal coat);
(11) 160 tons sand (seal coat);
(12) 35 lin. ft. 8-in. C.M.P.;
(13) 2 each spillway assemblies;
(14) 246 each guide posts.

Plans and specifications obtainable from the above office and on file at the office of the district engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

SAN DIEGO COUNTY, Cal.—Peterson Bros., 239 W Olive St., Inglewood $7,432.09 submitted low bid to the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego for planting roadsides in San Diego County between Encinitas and Oceanside, about 10.1 miles in length, involving:

(1) 435 ground cover plants in place (key No. 1);
(2) 539 shrubs in place (key No. 2);
(3) 348 trees in place (key No. 3);
(4) 598 trees in place (key No. 4);
(5) 282 shrubs in place (key No. 5);
(6) 105 shrubs in place (key No. 6);
(7) 10 trees in place (key No. 7);
(8) 469 shrubs in place (key No. 8);
(9) 1585 ground cover plants in place (key No. 9);
(10) 45 shrubs in place (key No. 10);
(11) 42 trees in place (key No. 11);
(12) 20 shrubs in place (key No. 12);
(13) 30,000 mesembryanthemum edule cuttings in place;
(14) 328 guide posts in place;
(15) 886 tree stakes in place (2-inx2-in.x10 ft.);
(16) 751 shrub stakes in place (2-in.x 2-in.x 4 ft.)

The engineer has recommended that the contract be awarded the low bidder.

The other bids were:

S. A. Cummings, San Diego, $8,-109.90.

Rexroth & Rexroth, Bakersfield, $8,-492.25.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $116,509 awarded contract by the State Highway Commission, Sacramento, for about 4.7 miles of existing roadbed to be widened and portions paved with Portland cement concrete and asphalt concrete in Los Angeles County, between Monterey Park and Mountain View Road.

CONTRACT AWARDED

SAN FRANCISCO—A. Soda & Son, 1077 65th St., Oakland, at $3473.95 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,859, for the construction of a stairway on Holladay Ave. from Peralta Ave. to Bay Shore Blvd.

CONTRACT AWARDED

SAN FRANCISCO—Chas. L. Harney, 443 Call Bldg., at $2887.25 awarded contract by the Department of Public Works, City Hall, under Epec. No. 18,760 for the improvement of railroad right-of-way in Marina Blvd., from Buchanan St. to Lyon St.

CONTEMPLATED

PASADENA, Cal. — The Pasadena Municipal Light Department has announced a list of underground conduit projects, totalling 220 miles, for which application will be made to the PWA for funds to finance the construction of these over a period of several years. The cost is estimated at $927,479.

GRANT COUNTY, Ore.—Coos Bay Const. Co., 7433 N Jersey St., Portland, at $59,635 submitted low bid and recommended for award of contract by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for the construction of the John Day-Burns Reconstruction Grading NR-35-A3, National Forest Road Project, located within the Malheur National Forest, Grant County. The length of the project is approximately 1.021 mi.

Complete bids follow:

Coos Bay Const. Co., Portland	$59,635.00
McNutt Bros., Eugene	60,530.00
J. C. Papin, Carson	69,018.50
F. H. Slate, Multnomah	69,310.00
Colonial Const. Co., Spokane	70,190.00
Morrison-Knudsen Co., Boise	70,925.00
E. L. Gates, Oakridge	72,332.50
J. A. Terteling & Sons, Boise	72,720.00
Lucich Co., Seattle	74,527.50
Myers & Goulter, Seattle	76,330.00
Geo. F. Price, Dayton	76,527.50
Joplin & Eldon, Portland	81,824.00
Clifton & Applegate, Spokane	81,897.00
Tony Marrazzo, Spokane	82,305.50
E. Hefty, Portland	85,265.50
F. C. Dillard, Medford	88,460.00
Fred G. Redmon, Yakima	89,937.50
P. L. Crooks & Co., Portl'd	107,605.00

CONTRACT AWARDED

SANTA CLARA CO., Calif — Leo F. Plazza, 296 N 6th St., San Jose, at $14,375.15 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the improvement of Foothill Road in Supervisor District No. 1, involving approximately 139,670 sq. ft. of pavement.

Complete bids follow:

(A) Leo. F. Plazza, San Jose	$14,375.15
(B) A. J. Raisch, S. F.	14,779.00
(C) Earl W. Heple, San Jose	15,876.00
(D) Engineer's estimate	14,350.00

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch Co., 46 Kearny Street, San Francisco, at $13,963 submitted low bid and awarded contract by Santa Clara County Board of Supervisors, Court House, San Jose, for the improvement of the Los Gatos-Almaden Road and Coleman Road and Redmond Road in Supervisor Districts No. 4 and 5, involving about 276,250 sq. ft. of pavement.

Complete bids follow:

(A) A. J. Raisch, S. F.	$13,963.00
(B) I. L. Ryder, San Jose	14,898.00
(C) Leo F. Plazza, San Jose	14,953.06
(D) Earl W. Heple, San Jose	18,877.00
(E) Engineer's estimate	17,310.00

CONTRACT AWARDED

SHASTA COUNTY, Cal. — Tiffany Constr. Co., 535 N. 7th St., San Jose, at $22,310 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing subgrade reinforcement and bituminous surface treatment (light surface application) on 13.157 miles of Section F of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Lassen National Forest Shasta County.

CONTRACTS AWARDED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, has been awarded contracts for street improvements under private contract, as follows:

Shasta Avenue, $8,647.89.

Emery St. and Garden Drive, $8,-992.03.

PLANS APPROVED

SAN FRANCISCO.—Clifton E. Hickok, Northern California District Engineer for the PWA, has approved plans and specifications for improvements at the San Francisco Municipal Airport. The work will involve approximately 240,000 c.y. cut and rock fill and an additional 50,000 c.y. of rock surfacing. Estimated cost, $135-000. Bids will be asked shortly by the Public Utilities Commission

CONTRACT AWARDED

TEHAMA CO., Cal.—C. F. Fredericksen & Sons, Lower Lake, at $17.42 per ton, total $8,187.40 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for bituminous treatment (light surface application of 16.208 miles of Sections A, B, C, D, and E of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Tehama County.

CONSTRUCTION DELAYED

EL CERRITO, Contra Costa Co., Cal.—Improvement of Cutting Blvd. from the westerly limit of the City of El Cerrito to the westerly line of San Pablo Avenue will be delayed until approval of revised specifications is obtained from the State Highway Commission.

Harry D. Chapman, City Engineer. Fred J. Prosser, City Clerk.

CONTRACT AWARDED

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Tilton Bldg., Prescott, at $119,665.80, submitted low bid, and awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on Prescott-Jerome Highway, NRH 17 AFE 7910. The work, which begins about ¾ of a mile northeast of Mingus Mountain summit and extends toward Jerome for a distance of about five miles, consists of grading, draining and aggregate base course.

(1) 40,389 c.y. rdwy. excav., unclass.;
(2) 1482 c.y. drainage do;
(3) 1000 c.y. slides and overbreakags
(4) 2566 c.y. struc. excav., unclass.;
(5) 872 c.y. borrow excav., unclass.;
(6) 14,617 sta. yds. earthwork overhaul;
(7) 544 c.y. mi. earthwork haul;
(8) 8672 c.y. coarse aggregate base course (CIP);
(9) 8356 c.y. fine aggregate do;
(10) 161 c.y. Class A concrete (including cement);
(11) 10,020 lbs. reinf. steel bars (CIP)
(12) 4154 l.f. perf. CMP (CIP including bands);
(13) 2264 l.f. 24-in. do;
(14) 86 l.f. 30-in. do;
(15) 748 l.f. 36-in. do;
(16) 178 l.f. reset 24-in. CMP (CIP);
(17) 83 l.f. reset 36-in. do;
(18) 11,480 l.f. road guard (CIP);
(19) 200 l.f. bank protection (type A CIP);
(20) 405 each guide posts (CIP);
(21) 335 c.y. rock backfill over MP (CIP);
(22) 10 c.y. removal of old concrete;

Structures Over 20-ft. Clear Span

(23) 1550 c.y. drainage excav., unclass.
(24) 345 c.y. struc. excav., unclass.;
(25) 24 c.y. coarse aggregate base course (CIP);
(26) 23 c.y. fine aggregate do;
(27) 357 cy.. Clas A concrete (including cement);
(28) 36,855 lbs. reinf. steel bars (CIP);
(29) 51 c.y. removal of old concrete;
(30) 100 c.y. stockpiled agregate base course.

The total bids were:

(A) Pearson & Dickerson, Box 471, Prescott, $119,665.80.
(B) White & Miller, Tucson, Ariz., $122,878.61.
(C) Tanner & Hall, Phoenix, $124,878.07.
(D) Phoenix-Tempe Stone Co., Phoenix, $130,876.17.
(E) E. L. Yeager, Phoenix, $141,796.28

Unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)....	$1.00	$ .90	$ 1.00	$ 1.00	$ 1.20
(2)....	.75	.50	.80	.85	1.20
(3)....	.75	.675	.75	.75	.90
(4)....	1.00	1.50	1.25	2.50	2.25
(5)....	1.00	.45	1.25	1.50	1.20
(6)....	.04	.03	.06	.06	.04
(7)....	.40	.50	.50	.30	.20
(8) .	1.40	1.50	1.45	1.50	2.00
(9)....	1.63	2.00	2.00	1.75	2.20
(10)..	26.50	29.00	25.00	30.00	22.00
(11)	.05	.06	.06	.06	.054
(12) ..	.90	1.00	1.00	1.00	1.20
(13)...	2.75	2.50	3.00	2.50	2.75
(14)....	3.50	4.00	4.00	3.50	3.90
(15) .	5.50	6.00	5.00	6.00	5.90
(16)	.50	2.00	1.00	3.00	2.00
(17)	.50	3.00	1.00	3.00	3.00
(18).	1.05	1.15	1.00	1.10	.95
(19)..	4.50	3.50	5.00	5.00	4.00
(20)...	2.00	2.50	2.00	2.00	3.00
(21)....	2.80	1.60	3.00	3.00	2.20
(22)....	7.00	5.00	10.00	8.00	6.00
(23)....	.75	.50	.80	.85	1.20
(24).	1.00	1.50	1.25	2.50	2.25
(25) .	1.40	1.50	1.45	1.50	2.00
(26)..	1.63	2.00	2.00	1.75	2.20
(27)....	26.50	29.00	25.00	30.00	22.00
(28)....	.05	.06	.06	.06	.054
(29)....	7.00	5.00	10.00	8.00	6.00
(30) .	1.63	2.50	1.50	2.00	2.20

BIDS WANTED

MARIN COUNTY, Cal.—Until June 10, 11:00 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for the treatment with asphaltic oil and screenings of the following streets:

Laurel Grove Ave. from Ross City Limits to the Kentfield-Green Brae Road, a distance of 3575 feet (heavy armor coat).

Old State Highway from Kentfield-Green Brae Road to Kentfield Railroad Station(shoulders, armor coat).

Elm Ave., Kentfield, from the Kentfield-Green Brae Road easterly for approximately 600 feet (armor coat).

Terrace Ave., Kentfield, from the Kentfield-Green Brae Road easterly for approximately 600 feet (armor coat).

Sims Street, California Park, from the San Rafael-San Quentin State Highway easterly for a distance of approximately 1200 feet(armor coat).

San Rafael-San Quentin Road via California Park, from San Rafael City Limits to Jacoby Street, California Park, approximately for a distance of 5700 feet (armor coat).

Olive Ave., Lomita Park, a distance of approximately 1100 feet (armor coat).

The work involves:

(1) 200 bbls. light oil;
(2) 80 tons heavy oil;
(3) 675 tons rock;
(4) 350 tons screenings;
(5) 50 tons birdseye rock.

Plans and specifications obtainable from the office of County Surveyor Rodney E. Messner, Court House, San Rafael.

May 22, 1935

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on June 5:

III-Sie-25 - A, bridge across North Fork of North Fork of Yuba River at Downieville: PLANS: (No. of sheets) 6; (Cost) $0.60; CROSS-SECTIONS, (No. of sheets) 9; (Cost) $1.50; (Total), $1.50.

V-Mon-56-E, bridge across Pfeiffer Canyon, and bridge acros Torre Canyon: PLANS (No. of sheets) 26; (Cost) $2.60; CROSS - SECTIONS, (None;) (Total) $2.60.

IX-Mno-93-I, between 1 mile north of Bodie Rd. and Pt. Ranch: PLANS (No. of sheets) 7; (Cost) $0.70; CROSS SECTIONS (No. of sheets) 67; (Cost) $6.70; (Total) $7.40.

X-Mer-4-Mer, in the City of Merced, between southerly boundary and R. St.: PLANS (No. of sheets) 15; (Cost) $1.50; CROSS-SECTIONS (No. of sheets) 28; (Cost) $2.80; (Total) $4.30.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Sharp & Fellows Contracting Co., 538 Central Bldg., Los Angeles, at $86,266.50, submitted low bid to State Engineer, State Bldg., Los Angeles, for about 3.6 miles grading and road mix surfacing applied, in San Diego County between Lake Hodges Dam and Rancho Santa Fe.

The work involves:

(1) 350 M. gallons water;
(2) 137 sta. clearing and grubbing right of way;
(3) 121,600 c.y. rdwy. excav., unclass.
(4) 400,000 sta. yds. overhaul;
(5) 6,500 c.y. imported borrow;
(6) 1,750 c.y. structure excavation;
(7) 192 sta. finishing rdwy.;
(8) 43,000 sq. yds. preparing, mixing and shaping roadbed;
(9) 325 tons liquid asphalt SC-2;
(10) 45 tons liquid asph. SC-2 (prime coat);
(11) 470 l.f. 18-in. CMP;
(12) 408 l.f. 24-in. CMP;
(13) 386 l.f. 30-in. CMP;
(14) 170 l.f. 36-in. CMP;
(15) 60 l.f. 48-in. CMP;
(16) 204 l.f. 48-in. CMP, 8 gauge;
(17) 430 l.f. 8-in. perf. metal pipe (underdrains);
(18) 85 c.y. rock filling material (underdrains);
(19) 162 l.f. existing CMP culvert cleaned and re-laid;
(20) 160 c.y. Class A Portland cement concrete (structures);
(21) 11,500 lbs. bar reinf. steel (structures);
(22) 1.1 miles existing property fence moved and reset.

The total bids were:

(A) Sharp & Fellows Constr. Co., Los Angeles, $86,266.50.
(B) Geo. J. Bock & Son, Los Angeles $108,340.70.
(C) R. E. Campbell, Los Angeles $117,092.
(D) J. E. Haddock, Ltd., Pasadena $119,448.30.

The unit bids were:

	(A)	(B)	(C)	(D)
(1).....	$ 1.50	$ 1.35	$ 2.00	$ 1.1
(2).....	17.50	16.00	35.00	20.0
(3).....	.48	.64	.68	.
(4).....	.006	.008	.005	.
(5).....	.48	.34	.50	.
(6).....	1.50	1.50	1.50	2.
(7).....	5.00	6.00	5.00	10.
(8).....	.042	.05	.05	.
(9).....	9.50	9.65	12.00	11.
(10).....	9.50	9.65	12.00	11.
(11).....	1.60	2.00	2.00	1.
(12).....	2.50	3.00	2.75	2.
(13).....	3.00	4.25	3.50	3.
(14).....	4.50	6.00	6.00	5.
(15).....	8.00	9.65	9.00	7.
(16).....	9.50	12.05	12.00	10.
(17).....	1.10	1.00	1.50	1.
(18).....	2.20	3.00	3.00	2.
(19)	1.00	1.50	1.50	1.
(20).....	20.00	25.00	30.00	30.
(21).....	.05	.05	.06	.
(22).....	400.00	300.00	300.00	400.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal. Carl N. Swenson, 355 Stockton Ave San Jose, at $31,325.90 awarded contract by the Santa Clara Valley Water Conservation District, Grant Bldg San Jose, for the construction of the Almaden Road, replacing the existing road through the Almaden reservoir The length of the road is approximately 1.5 miles.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until June 6, 2 P. M., bids will be received by the Bureau of Public Roads, Sheldon Bldg., 461 Market Street, San Francisco, for furnishing approximately 1,285 tons emulsified asphalt for use on Sections A1 and A2 of Route 1, of Route 2 and on headquarters service roads, Grand Canyon National Park, Coconino County, Ariz.

Plans and specifications obtainable from the Bureau of Public Roads, Sheldon Bldg., 461 Market St., San Francisco, or 802 Title & Trust Bldg Phoenix.

ONTRACT AWARDED

PINAL COUNTY, Ariz.—R. E. Mar-n & Co., Box 934, Tucson, at $24.-2,88, submitted low bid and award-contract by Arizona State Highway ommission, Phoenix, for highway nstruction on Tucson-Florence Hig-ay NRS 111-B, AFE 8063. The work, hich is to extend from the Flor-ce - Coolidge Highway junction at orence southeasterly for approxi-ately three miles, consists of the ading and draining of the roadway d furnishing and placing road mix. The work involves:

1) 1121 c.y. rdwy. excav., unclass.;
2) 30 c.y. drainage do;
3) 62 c.y. structural do;
4) 25 c.y. borrow do;
5) 385 sta. Mls. earthwork overhaul;
6) 11,452 c.y. imported borrow;
7) 22,891 c.y. mi imported borrow haul;
8) 67 c.y. Class A concrete, including cement;
9) 10,128 lbs. reinf. steel bars (CIP)
10) 80 l.f. 24-in. CM pipe (CIP, including bands);
11) 900 l.f. grader ditches;
12) 26 each right of way markers, (CIP);
13) 8 c.y. removal of old concrete;
14) 60 M. gals. sprinkling (CIP);
15) 50 hours rolling;
16) 5.784 miles formation and finish shoulders;
17) 3395 c.y. mineral aggregate (CIP)
18) 65,991 gals. road oil (for road mix and seal coat (CIP);
19) 2.793 mil. processing road mix;
20) 267 c.y. screenings (CIP);
21) 3825 sq. yds. placing intersections
22) 1000 c.y. stripping pits;
23) 100 cu. yds. stockpiled aggregate (CIP).

he total bids were.

R. E. Martin & Co., Box 934, Tucson. Ariz., $24,222.88.

Phoenix-Tempe Stone Co., Phoenix, $27,187.96.

O. F. Fisher Co., 516 South 7th St., Phoenix, $27,321.71.

White & Miller, Box 2350, Tucson, $27,485.

Tanner & Hall, 312 South 11th Ave., Phoenix, $27,596.67.

he unit bids were:

	(A)	(B)	(C)	(D)	(E)
1	$ .50	$ .50	$ 1.50	$ .40	$ .60
2	.50	.50	1.50	.40	.60
3	1.50	2.50	1.50	2.50	3.00
4	.50	.50	.50	.40	.60
5	.05	.04	.06	.05	.10
6	.45	.38	.50	.25	.30
7	.15	.15	.15	.17	.17
8	30.00	35.00	35.60	50.00	40.00
9	.07	.06	.07	.07	.06
10	3.00	5.00	2.50	3.00	2.50
11	.06	.09	.10	.05	.05
12	3.00	4.00	5.00	3.00	2.75
13	5.00	15.00	5.00	5.00	12.00
14	3.00	3.00	3.50	2.50	3.00
15	3.00	3.00	4.00	4.00	3.00
16	50.00	200.00	35.00	250.00	175.00
17	.90	1.00	1.25	1.50	1.50
18	.07	.07	.055	.07	.07
19	600.00	850.00	600.00	600.00	750.00
20	3.00	5.00	4.50	2.00	2.75
21	.15	.25	.20	.25	.25
22	.40	.60	.50	.65	.58
23	.90	2.50	2.00	3.25	2.50

BIDS WANTED

OCONINO COUNTY, Ariz. — Until 10 a. m., bids will be re-ved by the Bureau of Public Roads 30 Title & Trust Bldg., Phoenix, for ing bituminous treated crushed ck surfacing on 14.605 miles of Sec-ns A1 and A2 of Route 1, all of Route 2, and on headquarters service ds, Grand Canyon National Park. Coconino County, Ariz.

he work involves:

1) 600 tons crushed rock for shoulders;
2) 75 tons supplemental do;
3) 17,250 tons bituminous treated crushed rock;

LOS ANGELES — BEARING PILES — (CITY)

LOS ANGELES, Cal.—Los Angeles harbor department opened bids May 15 for reinforced concrete bearing piles for wharf at Berth 155, Los Angeles Harbor; Spec. No. 940, involving the manufacturing and driving of approximately 15,000 l.f. of piles and incidental work. Bids were taken as follows:

Section A (manufacturing, transporting and driving complete).

(1) 15,000 l.f. making, and impregnating with asphalt, reinforced concrete jacketed bearing piles 16-18 inches square;
(2) 15,000 l.f. making reinforced concrete piles 16-19 inches square, encased in asphalt impregnated concrete;
(3) 15,000 l.f. transporting and driving either types of piles;
(4) extra for driving and building up lengths of concrete bearing piles in excess of 6-in. over original length.

Section B (manufacturing only).

(5) 15,000 l.f. making, and impregnating with asphalt by vacuum process, concrete jacketed bearing piles 16-18 inches square;
(6) 15,000 l.f. making concrete piles 16-19 inches square, encased in asphalt impregnated concrete.

Section C (transporting and driving only).

(7) 15,000 l.f. transporting and driving either types of piles;
(8) extra for driving and building up lengths in excess of 6 inches over original length.

The bids, which were referred to the harbor engineer, were:

(A) Pan-Pacific Piling & Const. Co.
(B) Merritt-Chapman & Scott Corp.
(C) Raymond Concrete Pile Co.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A)	$2.88	$3.06	$.82	$6.90	$2.88	$3.06	$.82	$6.90
(B)	.....	3.18	.80	5.00	.....	3.18	.80	5.00
(C)	3.00	3.24	.91	7.40	3.00	3.24	.81	7.40

SAN FRANCISCO — SIXTH STREET SEWER — (CITY)

SAN FRANCISCO—Healy - Tibbitts Constr. Co., 64 Pine St., San Francisco, at $81,370 submitted low bid to the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,836, for construction of sewers and appurtenances in Sixth Street, Section B, from Townsend St. to Channel St.

Bids were taken as follows:

(1) 947 l.f. 6-ft. circular reinf. concrete sewer (heavy section);
(2) 3 each manholes on conc. sewer;
(3) 1 manhole on vitrified clay pipe sewer;
(4) 947 l.f. 12-inch VCP underdrain, covered with concrete or imbedded in broken rock, as directed;
(5) 73,000 l.f. piles below cut-off;
(6) 450 l.f. borings;
(7) 35 l.f. 10-in. VCP culvert;
(8) 40 l.f. 12-in. VCP sewer.

Total bids follows:

(A) Healy-Tibbitts Constr. Co., $81,-370.
(B) Pininsula Paving Co., $98,573.
(C) Clinton Constr. Co., $99,594.20.
(D) MacDonald & Kahn Co., Ltd., $111,711.
(E) Chas. L. Harney, $113,389.70.
(F) Union Paving Co., $114,340.
(G) Merritt, Chapman & Scott, $118,-984.20.
(H) M. J. Lynch, $128,492.
(I) Eaton & Smith, $133,619.50.
(J) C. C. W. & H. H. Haun, $139,-997.59.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)..	$59.00	$62.00	$ 77.00	$88.00	$ 85.00	$ 70.00	$ 74.50	$120.00	$100.00	$ 71.00
(2)..	61.00	45.00	50.00	65.00	61.00	100.00	140.00	100.00	60.00	50.00
(3)..	80.00	85.00	150.00	93.60	220.00	200.00	140.00	100.00	100.00	150.00
(4)..	2.00	2.00	1.60	1.20	2.10	10.00	2.60	1.00	1.00	1.50
(5)..	.30	.50	.32	.35	.40	.50	.60	.15	.50	.95
(6)..	2.00	2.00	2.50	2.30	2.60	2.00	3.00	5.00	2.00	3.00
(7)..	4.00	3.00	5.00	3.00	1.40	8.00	3.50	3.00	1.50	4.00
(8)..	10.00	6.00	5.00	6.50	2.10	10.00	3.50	5.00	6.00	5.00

All bids referred to the City Engineer and the PWA.

Atlas Economy Gas Fuel Circulating System of Warm Air Heating

The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

(4) 700 tons supplemental crushed rock
(5) 150 tons applying Govt.-furnished asphaltic material for prime coat and seal coat;
(6) 1,370 tons screenings for seal coat;
(7) 175 M. gals. watering.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market Street, San Francisco, upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $3,539.68 was awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,858, for the reconstruction of 23rd St. between Hoffman Ave. and Diamond St.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $14,054, as previously reported, submitted the only bid received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, for about 3.7 miles grading shoulders, constructing selected borders, and super-elevating curves with selected material base and plant-mixed surfacing (medium curing type) in Humboldt County, bet. Ferndale and Fernbridge.

The work involves:
(1) 120 M gals. water;
(2) 1,400 c.y. rdwy excav., unclass.;
(3) 5,400 c.y. imported borrow;
(4) 2,945 c.y. selected material;
(5) 95 stations preparing shoulders;
(6) 255 c.y. binder;
(7) 910 tons plant - mixed surfacing (medium curing type);
(8) 11 tons asphaltic emulsion (prime coat);
(9) 14 tons liquid asphalt SC-1A,
(10) 14 tons asphaltic emulsion

Unit bids follow:

(1)	$2.50
(2)	1.00
(3)	.60
(3)	.70
(5)	2.50
(6)	1.00
(7)	6.00
(8)	30.00
(9)	20.00
(10)	35.00

CONTRACT AWARDED

SPOKANE and Pend Oreille Cos., Wash.—F. R. Hewett, 420 W 22nd, Spokane, at $19,640 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 21, for stockpiling about 9700 c.y. of mineral aggregate (oil rock) materials and crushed stone surfacing materials for about 15.7 miles of State Road No. 6, Bear Creek to Rogers Pass, Spokane and Pend Oreille Cos.

The other bids were:
R. O. Dail, Spokane..... $20,375
Triangle Const. Co., Spokane.... 21,515

BIDS REJECTED

FERRY COUNTY, Wash.—All bids received by L. V. Murrow, Director of Highways, Olympia, May 21, for stockpiling about 7,960 c.y. of mineral aggregate (oil rock) materials and crushed stone surfacing materials for about 2.8 miles of State Road No. 3, Section 1 Addy to Blue Creek and 27.7 miles of State Road No. 3, Section 2, Kettle Falls to Laurier, in Ferry County, were rejected.

The bids were:
F. R. Hewett, Spokane.... $17,015
A. L. Mitchell, Spokane.. 20,215

LOS ANGELES COUNTY—4.7 Mi. Widen and Pave—(State

LOS ANGELES COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $116,509, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 4.7 miles of existing roadbed to be widened and portions paved with Portland cement concrete and asphalt concrete in Los Angeles County, between Monterey Park and Mountain View Road.

The work involves:
(1) 248 stations clearing and grubbing right of way;
(2) 430 M. gallons water;
(3) 27,000 c.y. rdwy. excav., unclass.
(4) 3,100 c.y. struc. excav.;
(5) 1 ton "SC-1A" liquid asphalt (subgrade treatment);
(6) 2 tons Grade E asphaltic cement (subgrade treatment);
(7) 700 tons selected material;
(8) 5,800 sq. yds. preparing subgrade for pavement;
(9) 248 stations finishing rdwy.;
(10) 10 tons MC-2 liquid asphalt prime coat (plant mixed surfacing);
(11) 1,650 tons mineral aggregate (plant mixed surfacing);
(12) 90 tons MC-5 or MC-extra heavy liquid asphalt (do);
(13) 98,000 sq. yds. preparing, mixing and shaping shoulders (oil treatment);
(14) 22 tons SC-1A liquid asph. prime coat (shoulder treatment);
(15) 78 tons SC-2 do;
(16) 980 tons SC-2 liquid asphalt (do);
(17) 270 tons SC-1A do;
(18) 110 tons 90-95 do (shoulder seal coat);
(19) 1,300 tons screenings (do);
(20) 4,100 sq. yds. asph. paint binder;
(21) 1,200 tons asphalt concrete;
(22) 760 c.y. Class A Portland cement concrete (pavement);
(23) 1,000 each pavement dowels;
(24) 44,300 lbs. bar reinf. steel (pavement and structures);
(25) 550 c.y. Class A Portland cement concrete (structures);
(26) 320 l.f. 18-in. CMP;
(27) 220 l.f. 24-in. CMP;
(28) 280 l.f. 48-in. CMP;
(29) 4,900 c.y. Class A Portland cement concrete (curbs, gutter sidewalks and driveways);
(30) 2,600 l.f. curb armor;
(31) 33,400 lbs. misc. iron and steel;
(32) 74,000 lbs. steel rail assemblies
(33) 800 c.y. removing and disposing of existing concrete;
(34) 120 sq. yds. pedestrian subway membrane waterproofing;
(35) 1 lot pedestrian subway railing;
(36) 1 lot pedestrian subway drainage system;
(37) 1 lot pedestrian subway electric system.

The total bids were:
(A) Oswald Bros., Los Angeles, $116 509.
(B) Griffith Co., Los Angeles, $117 538.90.
(C) Gogo & Rados, Los Angeles, $122 021.
(D) Geo. R. Curtis Paving Co., Los Angeles, $127,042.20.
(E) Sander Pearson, Los Angeles $127,055.
(F) J. L. McClain, Los Angeles, $128 276.
(G) United Concrete Pipe Corp., Los Angeles, $129,874.
(H) J. E. Haddock, Ltd., Pasadena $145,531.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 6.50	$ 4.50	$ 15.00	$ 7.50	$ 5.00	$ 10.00	$ 21.00	$ 10.00
(2)	1.75	2.00	.60	1.00	1.00	1.00	1.00	1.00
(3)	.35	.39	.27	.46	.40	.50	.38	.50
(4)	.70	.65	.70	.70	.95	1.00	.88	1.00
(5)	30.00	27.00	25.00	30.00	30.00	30.00	25.00	30.00
(6)	31.00	24.00	25.00	38.75	25.00	30.00	30.00	42.00
(7)	.75	.75	.40	.90	.80	1.00	1.00	1.00
(8)	.11	.15	.12	.12	.12	.15	.17	.13
(9)	3.00	5.00	10.00	3.00	7.75	3.00	5.00	10.00
(10)	15.50	14.50	13.00	16.80	14.50	20.00	18.00	20.00
(11)	1.95	1.95	2.80	1.75	2.60	2.70	2.40	3.00
(12)	13.50	14.50	13.00	16.80	15.00	20.00	15.00	16.00
(13)	.045	.05	.0475	.05	.045	.05	.06	.08
(14)	9.00	9.00	9.00	10.25	10.00	10.00	10.00	10.00
(15)	8.50	8.50	7.50	9.35	9.50	10.00	10.00	9.00
(16)	8.50	8.00	7.50	9.35	8.00	9.00	10.00	9.00
(17)	9.00	8.50	8.00	10.25	9.00	9.70	10.00	10.00
(18)	17.00	17.00	16.00	19.25	17.00	18.00	15.00	15.00
(19)	1.65	1.70	1.40	2.00	1.50	1.40	1.50	2.20
(20)	.02	.02	.02	.02	.01	.02	.02	.02
(21)	3.50	3.00	3.00	2.60	2.90	2.70	3.50	2.90
(22)	6.50	6.20	7.00	5.50	6.75	6.00	7.50	7.50
(23)	.12	.10	.12	.13	.12	.10	.15	.12
(24)	.05	.038	.04	.05	.045	.05	.05	.06
(25)	15.00	13.50	13.50	17.00	16.00	15.00	15.00	22.00
(26)	1.50	1.80	1.60	1.50	1.75	1.75	2.00	1.65
(27)	2.25	2.75	2.20	2.35	2.60	2.75	2.50	2.50
(28)	7.00	8.00	5.80	6.75	7.00	6.00	7.00	7.00
(29)	8.45	8.82	9.75	9.50	9.50	9.00	9.00	9.80
(30)	.70	.65	.70	.75	.80	.80	.80	.80
(31)	.125	.12	.12	.14	.12	.15	.10	.15
(32)	.045	.04	.045	.045	.06	.05	.05	.035
(33)	1.50	2.00	2.00	1.20	2.50	1.50	1.60	4.00
(34)	1.00	.75	1.10	1.12	.90	1.05	1.00	.90
(35)	600.00	500.00	600.00	600.00	545.00	560.00	500.00	500.00
(36)	200.00	175.00	200.00	175.00	270.00	250.00	300.00	175.00
(37)	300.00	400.00	300.00	575.00	471.50	450.00	600.00	250.00

GLADDING, McBEAN & CO.
Manufacturers
CLAY PRODUCTS
660 Market Street, San Francisco - Phone DOuglas 0540
Salesyard: 445 Ninth Street
2207 Market Street, Oakland - Phone HIgate 0261

LOS ANGELES COUNTY — Tujunga Wash Bridge — (State)

LOS ANGELES COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $91,119.95, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge across Tujunga Wash on San Fernando Road, bet. Truesdale Ave. and Wentworth St., consisting of nine 45-ft. 0-in. concrete spans on concrete piers and approximately 197 feet of timber trestle on pile bents.

The work involves:
(1) 1 only existing bridge to be removed and disposed of;
(2) 3,000 c.y. rdwy. excav., unclass.;
(3) 6,170 c.y. structure excavation;
(4) 3,200 c.y. imported borrow;
(5) 390 sq. yds. subgrade for pavement;
(6) 60 tons liquid asphalt SC-2 (detour);
(7) 3,400 sq. yds. preparing, mixing, and shaping detour roadbed;
(8) 585 tons asphalt concrete;
(9) 705,000 lbs. bar reinf. steel;
(10) 3,495 c.y. Class A Portland cement concrete (structure);
(11) 47 c.y. Class C Portland cement concrete;
(12) 57 c.y. Class F do (railing);
(13) 3,124 lbs. bronze expansion plates
(14) 87 MFBM creosoted Douglas fir timber;
(15) 525 l.f. timber railing;
(16) 2,200 l.f. furnishing creosoted Douglas fir piles;
(17) 80 each driving do;
(18) 500 tons light riprap;
(19) 50 l.f. 24-in. CMP;
(20) 21 c.y. Class A Portland cement concrete (curbs and gutters);
(21) 1 lot lighting conduit;
(22) 1 lot misc. items of work

The total bids were:
(A) Griffith Co., Los Angeles, $91,119.95.
(B) Oscar Oberg, Los Angeles, $97,482.35.
(C) Bannister-Fields Co., Ltd., and Fred E. Potts, Los Angeles, $98,741.
(D) Byerts & Dunn, Los Angeles, $99,342.55.
(E) J. F. Knapp, Oakland, $99,779.
(F) Lynch-Cannon Engineering Co., Los Angeles, $100,398.
(G) R. H. Travers, Los Angeles, $111,095.28.
(H) R. R. Bishop, Long Beach, $111,906.60.
(I) Bates & Rogers Constr. Co., Oakland, $112,873.83.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$3410.00	$5500.00	$4500.00	$3500.00	$6000.00	$7500.00	$4000.00	$4000.00	$4600.00
(2)	.40	$ .35	.30	.35	.30	.40	.25	.50	.37
(3)	.34	.80	1.25	.80	.75	.85	1.45	1.00	1.50
(4)	.30	.35	.36	.25	.30	.30	.35	.60	.32
(5)	.20	.14	.12	.14	.15	.10	.12	.14	.16
(6)	12.00	11.70	10.77	13.00	12.00	10.00	10.50	9.00	8.90
(7)	.15	.08	.10	.10	.10	.07	.07	.15	.065
(8)	3.00	3.20	2.80	2.85	3.00	2.75	2.85	3.00	3.40
(9)	.034	.035	.035	.045	.035	.04	.038	.035	.0335
(10)	12.25	11.85	12.00	11.00	11.80	10.75	14.15	14.70	14.70
(11)	12.00	6.00	7.00	8.00	8.00	10.00	11.00	14.70	18.50
(12)	40.00	39.00	30.00	36.00	60.00	35.00	40.00	40.00	53.00
(13)	.35	.25	.25	.30	.25	.25	.27	.50	.32
(14)	83.00	79.00	75.00	80.00	75.00	85.00	77.00	80.00	100.00
(15)	1.00	2.00	1.80	1.50	2.00	1.50	2.00	1.00	2.70
(16)	.47	.48	.50	.45	.50	.55	.45	.60	.60
(17)	20.00	14.00	11.00	18.00	7.00	20.00	21.00	12.00	13.00
(18)	2.75	2.30	3.50	3.00	3.50	3.00	3.00	2.70	3.95
(19)	2.25	2.00	3.00	3.00	2.50	2.50	3.00	1.50	2.65
(20)	10.50	15.00	9.00	12.00	15.00	13.00	13.00	14.70	15.75
(21)	425.00	353.00	464.00	400.00	500.00	400.00	470.00	470.00	525.00
(22)	650.00	400.00	370.50	200.00	2000.00	700.00	1100.00	2900.00	1200.00

ALAMEDA COUNTY — FOLGER AVE. UNDERPASS — (STATE)

ALAMEDA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $117,478 submitted low bid to State Highway Commission at Sacramento for the construction of an underground crossing under the tracks of the Southern Pacific Company at Folger Ave., Berkeley, consisting of two concrete abutments with wing walls, a concrete center pier, a concrete sealing slab and base slab, and a deck of precast concrete slabs.

Bids were taken as follows:
1) 1 lot remove buildings and clear site;
2) 28,000 cu. yds. struct. excav.;
3) 600 cu. yds. Class B Portland cement concrete (precast deck slabs);
4) 4000 cu. yds. Class A Portland cem. conc. (walls, pier shafts, and base slab);
(5) 700 bbls. extra Portland cement;
(6) 570,000 lbs. bar reinf. steel;
(7) 30,000 lbs. pipe railing;
(8) 6000 lbs. cast iron pipe and special castings;
(9) 3 each brick manholes;
(10) 313 lin. ft. 8-in. vitrified clay pipe
(11) 265 lin. ft. 16-in. do;
(12) 313 lin. ft. 2-in. do;
(13) 1 lot waterproofing complete in place;
(14) 1 lot pumping equipment complete in place;
(15) 1 lot electric lighting system complete in place;
(16) 1 lot Misc. items of work.

Total bids follow:
(A) J. F. Knapp, Oakland, $117,478.
(B) Healy - Tibbitts Const. Co., San Francisco, $118,720.00.
(C) E. T. Lesure, Oakland, $119,319.70
(D) Bates & Rogers Const. Co., Oakland, $120,028.65.
(E) Clinton Const. Co., San Francisco $121,628.00.
(F) MacDonald & Kahn Co., Ltd., San Francisco, $125,493.78.
(G) N. M. Ball and Bodenhamer Construction Co., Oakland, $126,701.05.
(H) Merritt, Chapman & Scott, San Francisco, $130,994.00.
(I) Barrett & Hilp, San Francisco, $133,899.00.
(J) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, $134,617.03.
(K) A. Teichert & Son, Inc., Sacramento, $165,926.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$2,500.00	$ 100.00	$1,000.00	$ 625.00	$ 100.00	$ 177.00	$1,500.00	$ 400.00	$2,800.00	$ 500.00	$1,000.00
(2)	1.00	.50	.72	1.00	.80	1.06	.90	.935	.80	1.15	2.00
(3)	10.50	16.00	11.10	12.70	14.20	12.94	11.00	12.00	14.00	13.00	14.50
(4)	10.00	15.50	12.40	11.70	13.60	11.35	13.75	12.32	14.00	14.00	14.35
(5)	2.00	2.00	2.38	2.20	1.50	2.65	2.20	2.50	2.00	2.30	2.50
(6)	.035	.03	.037	.0311	.039	.03507	.04	.04	.035	.035	.038
(7)	.10	.10	.114	.115	.12	.12	.10	.15	.12	.11	.12
(8)	.05	.05	.06	.11	.063	.09	.06	.10	.25	.06	.15
(9)	125.00	99.00	83.00	75.00	80.00	82.00	100.00	100.00	125.00	100.00	200.00
(10)	3.00	2.00	2.35	2.10	1.00	2.35	1.25	2.50	5.00	1.50	1.25
(11)	4.50	3.00	3.25	3.15	1.40	3.54	2.20	3.50	7.00	2.15	3.00
(12)	5.50	4.00	4.30	4.20	2.00	4.71	3.60	4.50	8.00	3.06	4.25
(13)	8,500.00	6,300.00	7,554.00	7,800.00	5,000.00	10,118.00	6,000.00	11,966.00	9,000.00	8,000.00	8,500.00
(14)	800.00	750.00	2,350.00	1,080.00	800.00	1,153.00	1,000.00	1,200.00	1,000.00	1,100.00	1,100.00
(15)	750.00	700.00	1,472.00	910.00	400.00	1,058.00	800.00	1,200.00	850.00	800.00	950.00
(16)	1,750.00	500.00	800.00	785.00	1,200.00	765.00	500.00	500.00	600.00	700.00	1,250.00

ELKO COUNTY, NEV.—11.33 Mi. Highway Const.—(State)

ELKO CO., Nev.—W. W. Clyde & Co., Springville, Utah, at $62,120.64, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, May 15, for the construction of a portion of the State Highway system in Elko County, between 25 miles north of Currie and 25 miles south of Wells, Route 13, Section B, a length of 11.33 miles.

The work involves:

(1) 96 acres clearing and grubbing;
(2) 102,300 c.y. roadway excavation;
(3) 70,893 sta. yds. overhaul;
(4) 14,567 c.y. select borrow;
(5) 660 c.y. structure excavation;
(6) 11.33 miles subgrade;
(7) 11.33 miles finish roadway;
(8) 33,500 tons crushed gravel or stone surface;
(9) 1,500 M. gals. water;
(10) 105 c.y. Class B concrete;
(11) 2,100 lbs. reinforcing steel.
(12) 400 l.f. 18-in. CMP;
(13) 1,318 l.f. 24-in. CMP;
(14) 484 l.f. 30-in. CMP;
(15) 156 l.f. 36-in. CMP;
(16) 26 monuments.

Total bids follow:

(A) W. W. Clyde and Co., Springville $62,102.64
(B) Utah Const. Co., Ogden.. 62,210.38
(C) Reynolds-Ely Const. Co., Springville 66,957.36
(D) Dodge Const. Inc., Fallon 67,916.96
(E) Peninsula Paving Co., Fallon 70,683.16
(F) Geo. French, Jr., Stockton 74,001.24
(G) Olof Nelson, Logan..... 76,696.59
(H) Isbell Const. Co., Reno.. 76,941.26
(I) Engineer's estimate 78,306.31

An incomplete bid submitted by N. M. Ball and Harms Bros., Berkeley, was not read.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$15.00	$ 15.00	$ 20.00	$ 20.00	$ 15.00	$ 15.00	$ 40.00	$ 30.00	$ 20.00
(2)	.22	.21	.23	.25	.27	.30	.25	.30	.30
(3)	.02	.02	.02	.02	.02	.03	.03	.02	.02
(4)	.325	.36	.50	.30	.40	.35	.40	.40	.35
(5)	.90	1.00	.50	1.50	1.00	1.00	2.00	1.25	1.00
(6)	90.00	80.00	100.00	100.00	100.00	50.00	100.00	100.00	100.00
(7)	90.00	150.00	100.00	100.00	150.00	100.00	100.00	100.00	100.00
(8)	.50	.48	.50	.55	.50	.50	.70	.58	.65
(9)	2.00	2.00	2.00	1.50	2.50	2.50	2.00	1.50	2.50
(10)	25.00	28.00	25.00	30.00	25.00	35.00	25.00	35.00	30.00
(11)	.08	.09	.10	.07	.07	.08	.10	.07	.07
(12)	1.75	1.85	2.00	2.25	2.00	2.50	2.00	2.00	2.25
(13)	2.75	2.85	3.00	3.00	3.00	3.25	2.50	3.00	3.00
(14)	3.40	3.55	4.00	3.50	4.00	3.75	3.00	3.75	3.50
(15)	5.00	5.50	5.50	5.00	5.50	4.75	5.00	5.60	5.00
(16)	3.00	3.00	3.00	3.00	2.50	4.00	5.00	3.50	4.00

Nye & Esmeralda Counties, Nev.—42.01 Mi. Highway (State)

NYE and Esmeralda Cos., Nevada.—Gibbons & Reed Co. and J. C. Compton, 165 E 4th South, Salt Lake City, at $145,322.19 (as previously reported) submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, May 15 for the construction of a portion of the State Highway system in Nye and Esmeralda Counties, between Beatty and 3 miles north of Springdale, and between 6 miles south of Stonewall Pass and Goldfield, Routes 5 and 3, Sections H1, K2 and 3, A1 and 2, B, a length of 42.01 miles.

The work involves:

(1) 34,380 c.y. roadway excavation;
(2) 60,442 sta. yds. overhaul;
(3) 18,940 c.y. select borrow;
(4) 520 c.y. structure excavation;
(5) 10.34 miles subgrade;
(6) 31.49 miles reshape roadway;
(7) 41.83 miles finish roadway;
(8) 72,700 tons crush. gravel or stone surface;
(9) 46 c.y. Class A concrete;
(10) 38 c.y. Class B concrete;
(11) 6,030 lbs. reinforcing steel;
(12) 1.7 MFBM redwood;
(13) 876 l.f. 18-in. CMP;
(14) 260 l.f. 24-in. CMP;
(15) 46 l.f. 30-in. CMP;
(16) 3 each move pipe culvert head walls;
(17) 1,016 l.f. guard rail;
(18) 21 each monuments (remove and reset);
(19) 3,130 tons asphaltic road material, Type SC-2;
(20) 275 tons do, Type MC-2;
(21) 41.83 miles roadmix.

Total bids follow:

(A) Gibbons & Reed Co., and J. C Compton, Salt Lake City, $146,322.29.
(B) W. W. Clyde & Co., Springville, Utah, $155,930.34.
(C) Isbell Const. Co., Reno, $157,649.30
(D) Utah Const. Co., Ogden, $158,328.54.
(E) Peninsula Paving Co., Fallon, $162,264.24.
(F) Jack Casson, Oakland, $168,977.72.
(G) Geo. French, Jr., Stockton, $169,323.33.
(H) A. Teichert & Son, Inc., Sacramento, $172,044.37.
(I) Dodge Const., Inc., Fallon, $173,358.94.
(J) Engineer's estimate, $175,469.64.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .30	$ .33	$ .33	$ .32	$ .26	$ .35	$ .50	$ .32	$ .40	$ .30
(2)	.02	.02	.02	.02	.02	.01	.04	.01	.02	.02
(3)	.40	.40	.35	.40	.32	.50	.40	.43	.35	.40
(4)	1.00	.90	1.25	1.00	1.00	1.00	1.00	1.25	1.50	1.00
(5)	75.00	90.00	100.00	75.00	100.00	100.00	100.00	100.00	100.00	100.00
(6)	50.00	250.00	184.00	200.00	300.00	300.00	375.00	500.00	400.00	400.00
(7)	150.00	80.00	100.00	150.00	100.00	100.00	100.00	100.00	100.00	50.00
(8)	.50	.55	.58	.47	.57	.60	.50	.56	.65	.60
(9)	30.00	26.00	36.00	30.00	25.00	20.00	40.00	30.00	30.00	30.00
(10)	30.00	26.00	36.00	30.00	25.00	16.00	40.00	30.00	30.00	30.00
(11)	.08	.08	.07	.09	.06	.06	.08	.06	.07	.08
(12)	120.00	120.00	130.00	100.00	100.00	90.00	125.00	150.00	120.00	120.00
(13)	2.20	1.75	2.00	1.85	2.00	2.00	2.50	2.00	2.50	2.40
(14)	3.40	2.60	3.00	2.90	2.80	2.50	3.00	3.00	3.50	3.00
(15)	4.20	3.40	3.60	3.70	3.25	3.50	4.00	4.00	4.00	5.00
(16)	20.00	5.00	10.00	12.00	10.00	10.00	10.00	15.00	10.00	10.00
(17)	1.00	1.05	1.00	.90	1.50	1.00	1.00	1.10	1.00	1.25
(18)	4.00	3.00	3.50	2.00	2.50	3.00	2.00	4.00	3.00	2.00
(19)	15.30	17.00	16.24	18.50	17.50	18.10	18.00	18.60	17.50	20.00
(20)	24.00	25.00	24.00	27.00	25.00	25.00	25.00	25.00	25.00	27.00
(21)	475.00	400.00	450.00	440.00	500.00	450.00	400.00	425.00	400.00	450.00

30—RESERVOIRS & DAMS

CONTRACT AWARDED

YAVAPAI COUNTY, Ariz. — Pearson & Dickerson, Tilton Bldg., Prescott, Ariz., were awarded the contract by the Chino Valley Irrigation District May 13, at $64,898, for constructing a concrete storage dam on Willow Creek, Chino Valley, Yavapai County. The project is being financed by a PWA loan and grant for $85,000. The other bids were:

O. F. Fisher Const. Co., Phoenix, $66,373.50.

Tanner & Hall Co., Phoenix, $68,015.00.

BIDS WANTED

BONNEVILLE DAM, Oregon.—Until June 18, 3 P. M., bids will be received by the U. S. Engineer Office, 627 Pittock Block, Portland, Maj. Chas. F. Williams, District Engineer, under Bid No. 694-35-20, for furnishing and installing one 4,000 kw. vertical shaft, alternating current generator, 2400 volts, 60 cycles, 257 rpm, with auxiliaries and spare parts, for the Bonneville Power Plant.

Delivery fob cars at factory shipping point for shipment on Government bills of lading. The contract shall unload and handle all materials and machinery from cars at point of destination.

Specifications obtainable from above office and from the office of the Division Engineer, North Pacific Division, 523 Pittock Block, Portland, without charge to generator manufacturers.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until June 5, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Spec. No. W. D. 78, for relocating a portion of the Alameda Pipe Line in San Mateo. The work is located on El Camino Real in the City of San Mateo.

The work involves:

(1) Removing 150 lin. ft. pipe from Neward-San Lorenzo Pipe Line and relaying;
(2) 200 cu. yds. excavation;
(3) 425 cu. ft. removing existing concrete work;
(4) 2 cu. yds. concrete work;
(5) 100 lbs. reinforcing steel;
(6) 140 lin. ft. removing abandoned portion of existing line;
(7) 60 hours, furnishing welders;
(8) Deliver and remove 4 welding machines;
(9) 40 hours, operating welding machines.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $10.

Nelson A. Eckart, Engineer.

BIDS WANTED

LOS ANGELES, Cal.—Bids for construction of 5630 lin. ft. of ocean outfall for the Joint Outfall Sewer will be advertised by County Sanitation District No. 2 within the next two weeks, bids to be opened on July the day on which bids for the tunnel portion of the job are to be opened. This will enable the district to award at the same time all contracts for the complete line. The ocean outfall will consist of 60-in. cast iron pipe with flexible ball and socket joints at intervals laid on the ocean bed. K. Warren, 139 North Broadway, the Chief Engineer.

BIDS WANTED

MEDFORD, Oregon—Until June 12, 10 A. M., bids will be received by the Medford City Council, M. L. Alford, City Recorder, for the construction of a sewage treatment plant and appurtenances, estimated to cost $100,000. The work will include earthwork, grit chamber, settling tanks and equipment, aeration tanks, contact tank, sludge digestion tank, modification to existing septic tank, sludge drying bed, plant sewers, super-structures, sludge pumping equipment, cast iron piping, valves, meters and appurtenances, blower equipment and electrical work.

Plans and specifications obtainable from the City Superintendent, Medford, or from the engineers, Greeley & Hansen, 6 N. Michigan Ave., Chicago, Illinois, upon deposit of $25, which amount will be refunded to bona fide bidders if specifications are returned within fifteen days after the opening of bids. In cases where no bona fide bid is submitted, one-half of the deposit will be refunded upon return of the specifications.

The work will be financed in part by PWA funds. *

PREPARING PLANS

EL CENTRO, Imperial Co., Cal.—Plans for a new sewer outfall to replace the old line between the city limits and the New River to cost between $200,000 and $300,000 are being prepared by Phil. W. Knights, City Engineer, and application for a PWA grant of $80,000 and a loan of $210,000 has been approved by the El Centro City Council. Koebig & Koebig, Rowan Bldg., Los Angeles, are consulting engineers. As soon as the agreement with the government is signed bids will be advertised. The proposed work involves:

(1) 36,960 ft. 27-in. vitrified clay sewer pipe (outfall);
(2) 3900 ft. 15-in. vitrified clay lateral sewer;
(3) 3 sewage pumps, one 600 C.P.M. and one 900 G. P. M. and one 1200 G.P.M. and one gas standby pump;reinforced concrete pump house.

Contract Awarded

EL PASO, Texas—Drainage Construction Co. (F. E. Thibodo), 3696 Cedar Ave., Lynwood, Calif., has been awarded the contract by the City of El Paso, at $440,000 for construction of a sewer project at El Paso, involving the laying of about 56 miles of pipe. Mr. Thibodo will be at the above address in Lynwood about May 24.

BIDS WANTED

SEATTLE, Wash.—Until June 3, 10 A. M., bids will be received by the Seattle Board of Public Works, for the construction of the Ballard Trunk Sewer, Ordinance 65030, LID 5374. The work involves:

(1) 668 ft. pipe sewer varying from 8-in. to 30-in. in diam.;
(2) 1528 ft. 36-in. clay or concrete sewer;
(3) 2134 ft. 42-in. do;
(4) 373 ft. 48-in. do;
(5) 2084 ft. 66-in. do;
(6) 680 ft. 72-in. concrete sewer;
(7) 2488 ft. 36-in. creosoted wood stave pipe or welded steel pipe inverted siphon under Salmon Bay Waterway;
(8) 356 ft. creosoted wood stave pipe outfalls varying from 30-in. to 48-in. in diam.
(9) Miscellaneous manholes, overflow chambers, siphon chambers, and appurtenances.

Plans and specifications obtainable from City Engineer Thos. Beeman.

CONTRACT AWARDED

LAGUNA BEACH, Orange County, Cal.—J. L. Kruly, 1759 N. Eastern Ave., Los Angeles, at $44,230.10 was awarded contract by Laguna Beach City Council for constructing sewers in Sanitary Lateral Sewer District No. 1 (Arch Beach). The proposed new system will cover the area between Thalia St. and Cypress Avenue, and between the ocean and the city limits on Temple Hills.

The other bids were:

Gogo & Rados	$47,262.65
Nick Chutuk	47,758.18
Artukovich Brothers	49,126.75
Mikgenovich & Gillespie	49,474.43
J. C. Hickey	49,825.70
V. C. K. Const. Co.	59,216.63

BIDS WANTED

SAN FRANCISCO—Until May 29, 1:30 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,855, for digging test pits and making borings at the site of the Marina Sewage Pumping Plant and force main. Estimated cost, $650.

The work involves:

(1) 300 lin. ft. making test borings;
(2) Making 3 test pits.

Specifications obtainable from the City Engineer John J. Casey, Room 351, City Hall.

33— WATER WORKS

COMPLETING SPECIFICATIONS

SACRAMENTO, Cal.—U. S. Engineers, Federal Bldg., Sacramento, are completing specifications for three heavy-duty pumping plants to be constructed in the vicinity of Yolo By-Pass as part of the Sacramento river flood control project. Contract will be advertised in about four weeks. Estimated cost, $450,000. Work will be financed from $1,500,000 PWA allotment.

BIDS OPENED

SOUTH PASADENA, Los Angeles Co., Cal.—Bids for furnishing and installing a 150,000-gallon steel tank for the Raymond Hill water system were opened by the South Pasadena City Council May 15. The bids, which were referred to Frank H. Clough, City Engineer, until May 22, were:

Pittsburgh-Des Moines Steel Co., San Francisco—Tank in accordance with special specifications, $15,400; reinforced concrete foundation, $1550. Tank in accordance with standard design, $12,978; foundation, same. This firm submitted an alternate bid at $14,600, using increased stress on tension as well as compressive members.

Chicago Bridge & Iron Work, Los Angeles — Special design, $15,125; standard, $13,160; foundation, $1485.

PLANS APPROVED

SAN FRANCISCO—Clifton H. Hickok, Northern California District Engineer for the PWA, has approved plans and specifications for installing Section C of the Marina District Extension, Auxiliary Water Supply System for Fire Protection. Estimated cost, $139,000. *

CONTRACT AWARDED

OAKLAND, Cal.—Rensselaer Valve Co., 55 New Montgomery Street, San Francisco, at $9,194.25 awarded contract by the East Bay Municipal Utility District, John S. Kimball, Secretary, Oakland, under Proposal L. S. 145, for furnishing gate valves for distribution system, as follows:

(1) 150 4-inch valves, $1,930.50.
(2) 300 6-inch valves, $6,437.00.
(3) 25 8-inch valves, $828.75.

PROGRESS REPORT

WINNEMUCCA, Nevada—The City of Winnemucca has made application to the PWA for a $35,000 grant to be available without requiring purchase of the properties of the Western States Utilities Company, in order that the city may proceed with construction of a municipal water, light and power plant with proceeds of a $300,000 bond issue.

PWA previously allocated the city a grant of $35,000 contingent upon purchase of existing properties of the Western States Utilities Co. The city offered $101,681 for the property, or $66,733 for the holdings within the city limits, but the offers were rejected.

BIDS WANTED

VENTURA COUNTY, Calif.—Until June 21, 10 A. M., bids will be received by the Ventura county supervisors for furnishing and erecting a bolted steel water tank of 126,000 gal. capacity, with installation of the necessary fittings to connect to existing water line at the tank site, located at Moorpark, for County Water W'ks District No. 1. Plans and specifications may be obtained from Charles W. Petit, County Surveyor. Deposit or certified check for 10% must accompany each bid. L. E. Hallowell, county clerk.

34— PARKS & PLAY-GROUNDS

BIDS OPENED

SALT LAKE CITY, Utah — A. H. Walsh Plumbing Co., Salt Lake City, Utah, at $4145 submitted low bid to Veterans Administration, Washington, D. C., for constructing additions to the lawn sprinkling system at the Veterans Administration Facility, Salt Lake City, Utah. Complete bids follow:

A. H. Walsh Plumbing Co.	$4145
John P. Koch	4221
Ralph D. Ebnas	4921
Jones Dew Heating Co.	5096

All of Salt Lake City.

Bids held under advisement.

CONTRACT AWARDED

SANTA CLARA, Santa Clara Co., Cal.—Vargas Bros. & Co., 899 Franklin St., Santa Clara, at $3,487 awarded contract by City Council for furnishing a link chain fence for the city of Santa Clara.

Complete bids follow:

Vargas Bros. & Co., Santa Clara	$3,487.00
Santa Clara Lumber Co.	3,636.00
H. C. Miller, Santa Clara	3,710.82
Michel & Pfeffer, S. F.	3,943.00
Wickwire Spencer Co., S. F.	3,943.00
Santa Clara Hardware Co.	3,943.00
Manuel Angelo, Santa Clara	3,949.00

BIDS WANTED

OAKLAND, Alameda Co., Cal.—Until May 27, 4:30 P. M., bids will be received by City of Oakland Port Commission, for furnishing fence materials and gates for Outer Harbor and Ninth Ave. Terminal, Oakland. Quantities follow:

(1) 1820 lin. ft. 7-ft. chain link fence;
(2) 5 30-ft. gates;
(3) 4 18-ft. gates;
(4) 1 28-ft. gate;
(5) 2 3-ft. gates;
(6) 1 12-ft. gate.

Plans and specifications may be obtained from above office upon deposit of $5. *

LOW BIDDER

SALT LAKE CITY, Utah. — A. H. Walsh Plumbing Co., Salt Lake City, at $4,145 submitted low bid to Veterans' Administration, Washington, D. C., for constructing additions to lawn sprinkling system at the Veterans Administration Facility, Salt Lake City. *

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

PUBLIC LIBRARY

$1,005,000 Forest Road Program Approved

Bids June 25 on $45,000 Pumping Plants

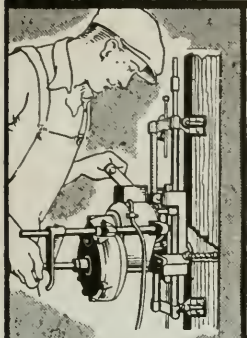
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

JUNE 1, 1935

Vol. XVIII—No. 22

WAPPAT Electric TOOLS



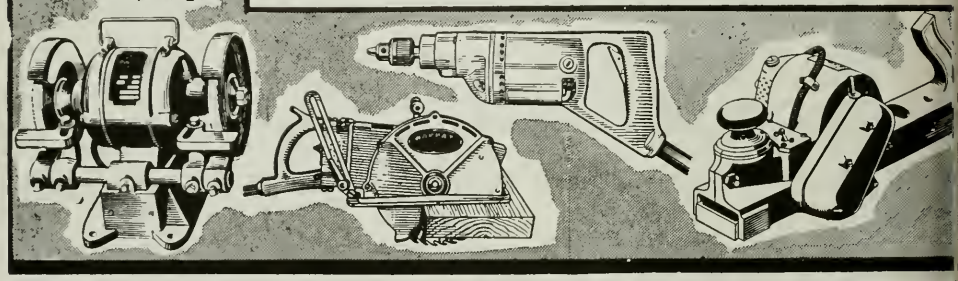
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JUNE 1, 1935 No. 22

45% PWA Grant Will Benefit California Projects; Loan Interest Rate Reduced

California state offices of the Federal Public Works Administration were advised Saturday that the federal grant on approved non-federal construction projects under the new work-relief program will be 45 percent of the labor-material cost instead of the 30 percent allowed heretofore. Loans for the balance of the cost will be made at an interest rate of 3 percent instead of 4 percent.

Applications under the new terms will be received immediately.

How projects already approved, but for which final contracts have not been executed with the government, will be affected is not known.

The official announcement of the new PWA loan and grant terms stated:

"Such action is designed to make it easier for communities to borrow funds on collateral security from PWA instead of requesting outright all-Federal grants, thus helping to carry out the President's objective of seeing as large a portion as possible of the funds returned to the Treasury."

A number of projects in Northern California which have been planned in anticipation of PWA assistance will be benefited by the more liberal grant terms. A majority of local governments, including San Francisco and Alameda counties, however, have obtained a ready market for public works bond issues at interest rates of three percent or less to complete financing and it is not expected that they will apply for Federal loans.

ALMADEN CROSSING TO BE FEDERAL JOB

State Railroad Commission has granted the Southern Pacific Company an extension of time until November 26, to complete a grade separation structure at Almaden road in San Jose. The commission was advised that this project will be among those for which Federal aid will be sought in the new grade crossing elimination program

CITIES GRANTED LARGER SHARE GASOLINE TAX

$3,000,000 Deducted From State's Construction Fund Annually for Municipalities

Municipalities will receive an additional one-quarter cent from the state gasoline tax revenue in the biennium beginning July 1 under terms of a bill finally passed by the state legislature.

City Manager Hollis Thompson of Berkeley, chairman of the legislative committee of the League of California Municipalities, estimated $3,000,000 more would be available to cities for improvement and maintenance of streets each year. The new apportionment doubles the cities' share of gasoline tax money. The additional money to cities is deducted from the state's share and will come principally from the state's funds for new construction.

The legislature also has sent to the governor the Garrison-Jesperson revenue bond bill. It permits utilities districts to issue revenue bonds for acquisition and construction of public utilities, including water and power services and transportation lines.

NEW STORE OPENED

Miller Materials Company of Oakland has opened a new display store and office at 5701-5703 Telegraph Ave. Members of the building industry are invited to visit the new quarters and inspect the complete line of specialty items carried in stock.

$633,000 ASKED TO RECONSTRUCT ALAMEDA SCHOOLS

City Prepares Application For PWA Loan and Grant Toward Building

Application for $633,000 in loans and grants of PWA funds for rehabilitation of Alameda city schools has been authorized by the school directors.

Of this amount $238,280 would be in outright grants and the balance would be raised through local bond issues, the bonds to be supplied by the Federal Government at a three per cent rate of interest

If the application for the loan grants is approved, $378,000 would be used to make four elementary schools earthquake-proof. The direct grant on this sum amounts to $142,025, according to the application. The institutions that would be repaired include the Haight, Lincoln, Porter and Washington Schools.

The remainder of the total, $255,000, would be used to recondition the Alameda High School, whose auditorium and gymnasium were recently closed due to the earthquake hazard. A total of $93,275 would be donated toward this cost by the government.

MATANUSKA PROJECT ALLOTMENT $446,500

The Advisory Committee on Allotments has recommended approval of an allocation of $446,500 to the Department of Interior, Alaska Road Commission, for an anchorage and 30 miles of new road in the newly colonized Matanuska Valley, Alaska.

The sum of $326,500 is to be used for an anchorage at Matanuska Rd. and $120,000 is to be used for the construction of the new road. The money is to come from funds designated under Section 1 (a) of the Emergency Relief Appropriation Act of 1935 for "highways, roads, streets and grade crossing elimination.

Recently, approximately 200 Minnesota families were carried to the Matanuska Valley with all their possessions to begin a homesteading project.

BIDS JUNE 25 ON $450,000 PUMP PLANTS

Gov't Asks Proposals for Three Installations in Sutter By-Pass

Bids will be received by Capt. J. G. Drinkwater, District Engineer at Sacramento for the War Department, June 25, for constructing three pumping plants in the Sutter By-Pass, a part of the Sacramento River flood control project. Proposals will be received for construction of each plant and for the three in a single contract. Preliminary estimate of the work is $450,000 which is provided in an allotment of $1,500,000 from PWA funds.

Sites of the three plants are on the westerly levee of the Sutter By-Pass in Sutter county near Yuba City.

A pump house is to be built at each site. Two of the buildings will be structural steel frame and reinforced concrete wall and roof. The third, to be on a timber pile foundation, will be steel frame with sheet metal siding and roofing and plate steel floor.

A six-room cottage for operator's quarters is to be built at Plants 1 and 2. A well is to be drilled and pressure water system form domestic supply to be installed at these locations.

Each contract includes furnishing and installing complete pumps, motors, controls and transformers. Allowance is to be made for trade-in of equipment now in use.

Bids will be canvassed on the net price bid for the completed plants plus estimated operating costs based on expected operating conditions in a period of twenty years as set forth in the specifications.

Santa Rosa Reports 70% Modernization Pledges Completed

Seventy per cent of 674 work pledges made in Santa Rosa's modernization campaign has been completed, the chamber of commerce better housing committee reports.

With work completed on 70 per cent, the report divides the remaining 30 per cent into the following classifications:

Ninety-eight pledges, 15 per cent of total, dormant; proposed work having not yet been started

Eighty-four pledges, or 13 per cent of total active, work now in progress.

Fourteen pledges, or 2 per cent of total, cancelled; financial conditions changed due to loss of work or ill health in most cases since pledges were made.

Irrigation District Takes Bids June 13 For Earthfill Dam

Bids are to be taken June 13 by the South Fork Irrigation District at Alturas for construction of a rolled earth-fill dam containing approximately 52,000 yards of material to form a reservoir on West Valley Creek in Modoc county. The dam will be 65 feet in height. The contract also includes excavation of a supply ditch for a distance of two miles, requiring removal of 21,000 yards of earth.

The project is financed by a loan and grant from PWA funds of $160,000.

S. A. Mushen, Alturas, is chief engineer for the district. Fred C. Herrmann, Merchants' Exchange Building, San Francisco, is consulting engineer.

S. F. Mint Building Plans To Be Ready In Three Weeks

Plans for the San Francisco Mint building will be completed in about three weeks, it was reported yesterday from the Treasury Department office of the Supervising Architect.

An appropriation of $1,225,000 is available for the new building, which will be located in the block bounded by Duboce avenue, Hermann, Buchanan and Webster Sts. It will be a five-story structure of reinforced concrete.

Local officials said plans do not require extensive excavation of the site, which is solid rock .

NEVADA HIGHWAY STAFF REORGANIZED

Reorganization of the Nevada division highway offices has been completed by R. A. Allen, new state highway engineer. The seven divisions will be under the direction of the following engineers:

Reno district: Leslie C. Hancock

Las Vegas district: Aug. Berning, transferred from the Carson office where he was one of the office engineers.

Ely district: C. C. Boyer, transferred from Las Vegas where he was division engineer for several years.

Elko district: F. H. Depp, transferred from Ely district where he was division engineer. He succeeds J. L. Vandiver who resigned to become PWA engineer.

Tonopah district: J. D. Meecham who was a resident engineer at Coaldale.

Frank Silva, formerly FERA engineer at Las Vegas, has been appointed assistant construction engineer for the highway department with offices in Carson. Silva is a University of Nevada graduate.

ASK PROPOSALS ON TWO STATE ROAD PROJECTS

Commission Advertises Stanislaus, South State Work; Bids June 19 and 20

SACRAMENTO, May 28. — Two highway projects located in Stanislaus and in Riverside and San Bernardino counties were authorized for advertising today by State Highway Commission. Bids on the Stanislaus project will be opened in Sacramento June 19 and on the Southern California project June 20 in Los Angeles.

The work in Stanislaus county involves grading and placing road mix surfacing on about 4.5 miles between eight-tenths of a mile north of Newman and two-tenths of a mile south of Crows Landing. Principal bidding items include 37,500 cubic yards roadway excavation; 15,000 station yards overhaul; 37,000 cubic yards imported borrow; 631 tons liquid asphalt; 133,000 feet of select redwood timber; 1786 feet of corrugated metal pipe and 1,800 M. gallons water.

The other project on which bids were asked today involves liquid asphalt treatment on about 33.5 miles in Riverside and San Bernardino counties between six miles north of Blythe and Vidal. The work will require 1,815 tons of liquid asphalt; 356,300 square yards preparing, mixing and shaping road bed, and 8,000 square yards preparing, mixing and shaping slopes.

SEEK 20 MILLIONS FOR TEXAS PROJECT

Allotment of $20,000,000 for construction of the Lower Colorado River Authority's power, flood control and irrigation project in Texas has been recommended to Public Works Administrator Harold L. Ickes on the basis of a resolution adopted by the advisory committee on allotments.

Of the total amount $15,000,000 will be allotted to PWA for a loan and grant to the Lower Colorado River Authority. The remaining $5,000,000 will be transferred to the U. S. Bureau of Reclamation to aid in financing the flood control portion of the project.

INGELS APPOINTED STATE COMMISSIONER

Dr. W. W. Barham of Yreka, who has been chairman of the California State Highway Commission for the past two and one-half years, has retired. His resignation was submitted to the governor early this year but was not accepted until last week when appointment of Ray Ingels of Ukiah to the vacancy was announced.

Dr. Barham succeeded Earl Lee Kelly as commissioner, when the latter was appointed state director of public works.

$1,095,000 Forest Highway Construction Program Approved; Jobs Ready To Advertise

Approval of a 1935-36 forest highway construction program amounting to $1,095,400 was received Wednesday from Washington by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads. This covers all road improvements to be contracted in the National Forests of California, Nevada and Arizona during the fiscal year commencing July 1. Approval of programs for National Park and Federal Lands highways has not been received, but is expected to follow shortly.

Twenty-two projects are included in the forest highway program, all but four of them to be contracted. Three are to be done by day-labor and one by prison labor.

Advertising of the contracts will start as soon as copies of the new contract provisions are received at the San Francisco office, local officials said. No information has been received as to hours of labor or other requirements for the new construction program.

The list of projects and amount appropriated to each for the forest highway program follow:

Project No.	Project Name	County	Type	L'gth	Amt.
	CALIFORNIA				
7-B	Mendocino Pass	Glenn	Day Labor, Grading	..	$25,000
20-B	Almanor	Plumas	Grading	1.823	75,000
21 F2 G2	Deer Creek Meadows	Butte and Tehama	Subgr. Reinf., Bit. Treat.	9.603	36,000
38 C1	Sonora Pass	Tuolumne	Crush. Rock Base Course	6.237	50,000
73-D	Laguna	San Diego	Grading	3.971	75,000
77 D2	Mt. Shasta-Mt. Lassen	Siskiyou	Grading	0.719	57,000
77 E2	Mt. Shasta-Mt. Lassen	Shasta	Bit. Treat.	3.180	2,600
77-G	Mt. Shasta-Mt. Lassen	Shasta	Grading	4.839	50,000
8-A1,B	Mammoth Lakes	Mono	Grading	2.2	90,000
82 A2	Pine Crest	Tuolumne	Bit. Treat. & Surf.	0.969	10,000
27-A	Sierraville-Hobart (Ext.)	Sierra	Grading	..	70,000
61-B	Angeles Crest	Los Angeles	Grading	2.0	150,000
	ARIZONA				
3 C	Flag-staff-Clints Well	Coconino	Grading	3.906	60,000
4B2 C2	Ashfork-Flagstaff-Angell	Coconino	Armor Coat	15.448	15,000
7-J	Oak Creek	Yavapai	Grading and Bridge	3.090	60,000
11-C	Payson-Colcord Mountain	Gila	Grading	4.207	35,000
19-A2	Clifton-Alpine	Greenlee	Day Labor Betterment	..	20,000
30 A1B	Globe-Showlow	Navajo	Grade & Subg Reinf.	8.125	60,000
33, Unit 1	Catalina Highway	Pima	Prison Labor	....	74,000
	NEVADA				
11-A2	Mt. Charleston (Surf.)	Clark	Bit. Treat. & Surf.	3.661	10,000
2-B	Mt. Rose (Improvement)	Washoe	Day Labor Bituminous	..	26,000
12-A2 B	Midland Trail (Current Creek)	White Pine and Nye	Bit. Treat (Road Mix)	16.008	44,800

TANTON TO PLAN MONTEREY PROJECT

Plans for Monterey's "Hacienda Group" of buildings, to include an art gallery and outdoor theatre built of native materials and designed as a replica of California life and architecture in the early days, will be prepared by Architect Robert Stanton, it has been announced.

Professional services were offered to the city gratis by Architects Stanton, C. J. Ryland and W. O. Raiguel, lots being drawn to determine the "winner." Architects Ryland and Raiguel will serve as advisors to the chamber of commerce committee sponsoring the project. Work on the buildings will be done by SERA labor, according to present plans.

OAKLAND PREPARES PREFERENTIAL ACT

Oakland City Council has directed the city attorney to prepare a charter amendment giving a 10 per cent preferential to resident firms bidding on local public works contracts. The amendment will be submitted to a vote at the next city election.

The amendment is favored by the Oakland Builders Exchange and other organizations. Similiar legislation probably will be proposed by the Alameda County Board of Supervisors governing bids on county work.

Drafts of the measures will follow that recently adopted in San Francisco enabling the Board of Supervisors to give preference to local contractors to an amount not exceeding 10 per cent of the bid price.

MODERNIZING LOAN LIMIT NOW $50,000

New Legislation Authorized FHA Insurance For Big Projects

Insurable loans for modernization up to $50,000 on a single piece of property are authorized through the Federal Housing Administration by an amendment to the Home Owners Loan Corporation Act, just signed by the President. The limit heretofore has been $2,000.

Clifford C. Anglim, district FHA director, pointed out the new legislation will permit easier financing of large modernization projects, such as may be undertaken for hotels, apartment houses, office buildings and industrial plants.

The method of securing this financing is substantially the same as under the present modernization credit plan. The entire transaction is handled direct by any authorized bank or other lending agency selected by the borrower, it was announced and the money is made immediately available without the necessity of awaiting approval from the Federal Housing Administration.

"This amendment fills a long-felt want for low cost, long term financing in substantial sums," Anglim said in announcing that the San Francisco district already is prepared to serve borrowers under the new and broader scope of the modernization credit plan.

"This new plan will permit hotels, apartment owners, industrial plants and others to embark upon a large scale program of modernization and replacement. We should experience in Northern California an unprecedented activity in the construction field due to replacement of obsolete and depreciating buildings, plants and equipment, with a consequent employment of thousands of workers.

"We feel this amendment is perhaps the most significant development which has accrued since the commencement of the nation-wide effort to rehabilitate the durable goods industry and permanently solve the unemployment problem."

Provisions of Title II of the National Housing Act, authorizing insured mortgage loans up to $16-000 for periods as long as twenty years, payable in monthly installments, are unchanged by the amendment.

BRIDGE CONTRACTOR'S PERSONNEL SELECTED

Martin Valen has been appointed construction superintendent for Barrett & Hilp, Inc., on the contract for the traffic distribution structure of the San Francisco-Oakland Bay Bridge. Other company personnel on this job include John Connelly, chief engineer and Lloyd H. Oliver, purchasing agent.

Excavation at the site has been started.

CABLE SADDLE ON S. F. TOWER OF GATE SPAN

Dismantling Traveler Truss Starts; Riveting 80% Complete

Setting the two 170-ton cable saddles at the top of the legs of the south tower of the Golden Gate Bridge was completed at the close of last week's work and construction activities centered about finishing up the riveting job, which is now more than 80 per cent complete.

With the cable saddles in place a "Chicago" boom, similar to that erected on top of the Marin tower, will be set up and the work of dismantling the traveler truss will be commenced.

This work, according to the weekly progress report of Chief Engineer Joseph B. Strauss, will consume approximately five days, following which the topmost cross strut will be erected. Material for this strut is on hand and is ready for the erection crews.

Meanwhile the John A. Roeblings Sons Company, cable contractor, has commenced erection of a working platform at the top of the Marin tower and has erected wire reels on the San Francisco side of the Golden Gate, where the anchorage and cable housing have reached the point where no further work can be done on them until after the cables have been spun.

The anchorage weight block has been completed and turned over to the Roebling concern on the Marin side and, according to the chief engineer's report the cable housing will be completed in a week.

Test borings for the foundations of the steel approach span on the Marin side also are under way, while work on the east approach in the Presidio is progressing rapidly. On the low viaduct in the Presidio close to 1000 feet of roadway slab has been concreted, leaving but four more days' work for completion of this stage. Work on this unit will continue from the east entrance to connect up with present completed work, thereby allowing time for the removal of military structures.

First shipment of cable wire left the eastern plant of Roeblings last Thursday and the second shipment was scheduled to leave today. The two shipments total 1000 tons. In the eastern mills more than [illegible] tons of material for the bridge floor structure has been rolled, while 70 tons of rolled material was fabricated during the week.

Governor Signs Bill Authorizing Bridge Railway

Governor Merriam has signed Assembly Bill 947, permitting the California Toll Bridge Authority to borrow $15,000,000 from the Reconstruction Finance Corporation to construct an electric rail system on the San Francisco-Oakland Bay Bridge.

In signing the measure the Governor said:

"In the enactment of Assembly Bill 947, an enabling act amending the California Toll Bridge Authority statutes so that we can obtain the proffered fifteen million dollar loan from the R.F.C. to build the interurban railway over the San Francisco-Oakland Bay Bridge, we are providing for the completion of the bridge as originally contemplated by the first state commission that investigated it six years ago.

"The bill itself which I have just signed is the result of joint action by the city attorneys of all the communities around San Francisco Bay, and our California Toll Bridge Authority counsel, Florence M. McAuliffe.

"This bill is so designed that an open door is left to the State of California to operate its own railway over the bridge when such an investment shall be possible and profitable. By the terms, however, of the R.F.C. offer to finance this bridge, we are required to provide rail transportation and to deal with the existing private carriers in the field There is nothing, however, in the R.F.C. requirements which are not sound business for the State of California under existing conditions, in the opinion of our chief engineer, Mr. Purcell, the experts of the State Railroad Commission, together with those of the municipal and county governments of the Bay Region, and the civic organization of these communities."

$456,000 PWA Cash For School Building Asked by Sacramento

Among the first applications from a California municipality for PWA funds under the new 45 percent grant terms will be Sacramento with a program for $456,000 of school building.

The Sacramento junior college board has authorized Architect Harry J. Devine to file an application for loan and grant of the entire sum. The money will be used in constructing shops, gymnasium, auditorium and additional classrooms.

The district asks a grant of $205,200 and a loan of $250,800 which it proposes to secure with three percent bonds.

APRIL PERMITS GAIN 65% OVER YEAR AGO TOTAL

Residential Building Doubled, U. S. Monthly Comparison Indicates

Compared with April a year ago, the value of buildings for which permits were issued shows a gain of over 65 percent, the U. S. Bureau of Labor and Statistics reports. The value of residential buildings is more than 120 percent greater than during April 1934.

"The gains, comparing April with March 1935, while smaller than the increase over the year period, are greater than the normal seasonal increases," states the bureau announcement.

Sixty-three Pacific coast cities reported new residential building contracts valued at $3,130,970 in April, compared with $2,923,[illegible] March. April building provided for 919 families and March, 816

For the nation the number of building permits issued in April shows an increase of 23.6 percent, and the estimated cost of the buildings show an increase of 12.7 per cent.

Residential buildings over the same period increased 18.6 percent in number and 14.0 percent in estimated value. These comparisons are based on reports received by the Bureau of Labor Statistics of the United States Department of Labor from 792 identical cities.

The percent of change from April 1934 to April 1935 is shown in the following table:

Type of Bldg.	No.	Est. Cost
New residential	+108.8	+122.7
New nonresidential	+ 22.5	+ 44.8
Additions, Alt., Repr's.	+ 28.7	+ 47.3
Total	+ 32.4	+ 65.2

Permits were issued in April 1935 for new buildings to provide 6,588 new family-dwelling units, an increase of 123.2 percent as compared with April 1934.

The percent of change from Mar. to April 1935 for the different types of construction is shown below:

Type of Bldg.	No.	Est. Cost
New residential	+ 18.6	+ 14.0
New nonresidential	+ 33.5	+ 14.2
Addns., Atls., Repairs	+ 22.1	+ 9.4
Total	+ 23.6	+ 12.7

The permit valuations in the tables above include, in addition to private construction, all buildings for which contracts are awarded by Federal and State governments in these cities. For the month of March the value of such buildings was $3,830,047; for April, $6,432,133.

Production of range boilers during the first four months of 1935 numbered 224,116, as compared with 209,194 during the corresponding period last year, according to reports to the Bureau of the Census.

Northern California Builders To Display 50 Homes During National Housing Drive

Fifty demonstration homes will be started in Northern California within the next three weeks, Clifford C. Anglim, district director for the Federal Housing Administration, predicted yesterday after reviewing reports from field directors who are aiding local committees of the Better Housing Program. A nation-wide program of ground breaking exercises on June 15 is planned by FHA to mark commencement of work on 2000 display houses. On that date there will be a radio broadcast from Washington on which the President is expected to address a message to prospective home owners. Each community will have its own local program at the site of one or more projected houses.

These display homes will be the center for publicity campaigns of the Better Housing Program committees during the period of construction. After completion they will remain open for several weeks for public inspection.

At least half a dozen houses will be erected in San Francisco and an equal number in the Eastbay cities, Mr. Anglim said. Cities throughout Northern California will have one or more.

The General Electric Co. will announce shortly the location of homes it is sponsoring in cooperation with local contractors in which General Electric will supply all of the electrical equipment. C. W. Hartenfels, president of Electric Appliances, Inc., San Francisco, is chairman of the General Electric committee of merchandising executives promoting the company's housing program in Northern California.

Plans for houses, selected from the prize winners in the national architectural competition conducted by the company, are supplied to builders who plan to erect a display house. The company offers special discounts and terms for electric equipment installed and will conduct a national and local advertising campaign during September and October to direct prospective home buyers to the G-E displays.

Oakland and Sacramento contractors and building material dealers already have completed display houses. A contract is to be let this week in Stockton for a cooperatively-built home. Individual builders in these cities are expected to erect other houses for private motion or in cooperation with the local housing committees. Builders' exchanges, chambers of commerce, newspapers and other institutions are sponsoring homes and a complete list of these to be built will be announced shortly by Mr. Anglim.

A.S.M.E. ELECTION

Ballots for election of officers for the year 1935-36 have been sent out to members of the San Francisco Section, American Society of Mechanical Engineers. Ballots must be in the hands of the tellers not later than 12 noon, Thursday, June 6.

12 District Offices In California for Progress Division

Twelve district offices will be established in California by the Federal Works Progress Divison, Harry L. Hopkins, director, announced in making public a list of 307 such offices for the United States. Duties of the works progress division include studying local unemployment conditions and recommending the type and number of projects necessary to absorb employables from the relief rolls. The district offices will report to Washington the effectiveness of the Federal work-relief program in each locality.

California district offices are to be located as follows:

District 1—Headquarters, Redding; Siskiyou, Modoc, Trinity, Shasta, Lassen, Tehama, Plumas, Glenn, Butte and Colusa Counties.

District 2—Headquarters, Sacramento; Sutter, Yuba, Sierra, Nevada, Yolo, Placer, Sacramento, Eldorado, Solano Amador Counties.

District 3—Headquarters, Stockton; San Joaquin, Calaveras, Stanislaus, Tuolumne, Merced and Mariposa Cos.

District 4—Headquarters, Fresno; Alpine, Mono, Inyo, Madera, Fresno, Kings, Tulare and Kern Counties.

District 5—Headquarters, San Bernardino; San Bernardino, Riverside and Imperial Counties.

District 6 — Headquarters, Santa Rosa; Del Norte, Humboldt, Mendocino, Lake, Sonoma, Napa and Marin Counties.

District 7—Headquarters, San Francisco; San Francisco County.

District 8—Headquarters, Oakland; Contra Costa and Alameda Counties.

District 9—Headquarters, San Jose; San Mateo, Santa Cruz and Santa Clara Counties.

District 10—Headquarters, San Luis Obispo; San Luis Obispo, Santa Barbara, Ventura, Monterey and San Benito Counties.

District 11—Headquarters, Los Angeles; Los Angeles County.

District 12—Headquarters, San Diego; Orange and San Diego Counties.

SILICOSIS INDEMNITY LIMIT ESTABLISHED

The Insurance Committee of the Assembly has recommended passage of SB-492 to limit workmen's compensation recoverable by sufferers from silicosis. The bill places the maximum indemnity at $10,000.

GERWICK LOW FOR OAKLAND WHARF WORK

Submits $54,845 Prepared For Rebuilding 7th Street Unit

Ben C. Gerwick, Inc., 112 Market St., San Francisco, yesterday submitted the low bid to the Oakland Port Commission for rebuilding the Seventh Street unit at Outer Harbor Terminal. Amount of the low proposal was $54,845.

Eight bids in all were received for the work. Duncanson-Harrelson Company of San Francisco were second low bidders at $59,258.

Total bids were as follows:

Ben C. Gerwick, Inc.	$54,845
Duncanson - Harrelson Co.	59,258
Clinton Construction Co.	62,300
Healy-Tibbitts Const. Co.	65,000
Merritt, Chapman & Scott	66,863
Lindgren & Swinerton	66,958
M. B. McGowan	67,825
A. W. Kitchen Company	68,348

The three low proposals were referred to Port Director for award.

HACKETT APPOINTED ASSISTANT PWA HEAD

Appointment of Horatio B. Hackett, former director of the housing division of the Federal Public Works Administration, as Assistant Public Works Administrator has been announced by Administrator Harold L. Ickes. Angelo Clas, assistant director of the housing division, succeeds Col. Hackett as director of that division.

Appointment of Col. Hackett follows the recall to the War Department of Major Philip B. Fleming, U. S. Corps of Engineers, who since last September has served as acting deputy administrator of public works.

Major Philip B. Fleming, U. S. Corps of Engineers, has vacated the post to become engineer in charge of the Passamaquoddy tidal power project which has been approved for a work-relief appropriation. The project is located near Eastport, Maine.

Major Fleming has been with the Army Engineer Corps since his graduation from the military academy in 1911. He was loaned to the PWA as executive officer when it was established.

BIDS ASKED FOR S. F. MAUSOLEUM

Plans have been completed by Architect Charles Strothoff of San Francisco, for a mausoleum at Home of Peace Cemetery to cost more than $100,000. Bids are being taken to close June 6.

The building will be of reinforced concrete with marble and bronze interior. It will contain 500 crypts and 1000 niches. The owner is Temple Emanuel.

S. F. MECHANICS REFUSING JOBS, BOYNTON SAYS

SERA Furloughs Advocated to Protect Income of City's Skilled Labor

The Industrial Association sounded a warning yesterday that steps should be taken immediately to prevent the importation of building trades mechanics into San Francisco from other cities. "There is a real shortage of skilled help in the building industry because of the refusal of thousands of mechanics on SERA work relief rolls to sacrifice their security on the relief rolls for work on private constructon jobs,' Albert E. Boynton, managing director of the Industrial Association declared.

"These men should be furloughed, if possible, from work relief to meet the demand of San Francisco's building industry without jeopardizing their chances to return to SERA if the present uptrend in building construction does not absorb them permanently," Boynton said. "Every effort should be exerted to make it unnecesstary for contractors to import outside mechanics."

According to SERA records, there are more than 3,500 mechanics on work relief who seem unwilling to risk the security of their statns on the relief rolls to return to construction jobs. A recent survey by the Industrial Association shows that a total of 5,188 mechanics are employed on public and private jobs throughout the city and contractors are being hard pressed to obtain additional help.

"Our survey bears out the charges recently made by Charles Pettifer, president of the California State Builders' Exchange, in telegrams to President Roosevelt, Relief Administrator Hopkins and the California delegation in Congress," Senator Boynton stated. "The State Builders' Exchange, at a recent meeting, adopted resolutions embodying their complaint which were forwarded both to state legislators and executives."

According to the Industrial Association's survey, nearly 2000 additional workers have been absorbed by public and private construction in San Francisco during the past nine months. The total number of building craftsmen employed in public and private construction jobs in San Francisco last August was 3,425. It is now 5,188. The total of mechanics on SERA is approximately 3,700. This makes a grand total of nearly 9000 which just about accounts for the entire and potential supply of building trades mechanics in this city.

Material Prices Decline in April To January Level

Building material prices declined four-tenths of one percent during April as a group on the index of wholesale commodity prices compiled by the U. S. Bureau of Labor Statistics. The index for April is 84.6 compared with 84.9 in March and 86.7 in April 1934.

Lower prices for brick and tile, paint and paint materials and miscellaneous building materials were responsible for the decline. Average prices of cement were higher, while lumber and structural steel remained unchanged at the March level.

Building material prices are now approximately the same as they were in January. The average May 11 was 3.1 per cent below that of the corresponding date last year.

A comparison of prices for the principal classes of materials follows:

	April 1935	April 1934
Building materials	84.6	86.7
Brick and tile	89.7	90.7
Cement	94.9	89.7
Lumber	79.9	87.2
Paint and paint mtls.	79.2	79.8
Plumbing and heating	67.1	76.2
Other bldg. materials	89.4	90.4
Structural steel	92.0	86.8

One-third Federal Mortgage Loans For New Building

Insured mortgage applications amounting to $46,715,303, of which 33 per cent was for new construction, had been received on May 18, the Federal Housing Administration reports. Commitments issued to mortgagees to insure mortgages when executed totaled $21,801,780, of which 34 percent was for new construction.

Meanwhile the modernization credit loans are increasing.

Bank of America in its Northern California branches alone, approved 228 applications in one week recently for modernization credit amounting to $101,257. The American Trust Company reported 216 applications for $65,000 during the same week, which was an increase of 69 percent from the previous week.

Reno financial institutions have advanced modernization credit amounting to $119,000.

ASSEMBLY VOTES FOR TURNER ACT

On a roll call of 55 to 22 Tuesday the Assembly passed AB-1219 by Assemblyman Rodney L. Turner of Kern County, retaining the principles of the original Turner act of 1933 relating to alternate bids for portland cement and asphalt concrete paving.

REVISED PLANS ON AUDITORIUM AT FRESNO OKEH

$375,000 Civic Building Contract Will Be Advertised Immediately

Plans for the Fresno municipal auditorium, revised to bring the cost within the $375,000 the city has available, have been approved by State PWA Engineer A. D. Wilder, and the project will be advertised for bids immediately.

Bids for the work received in February were far in excess of available funds and were rejected. At that time the low bidders were: general work, Dinwiddie Construction Company, $442,900; electrical work, Wessell Electric Company, $109,960; and mechanical work, Scott Co., $88,373.

Principal changes in the revised plans are elimination of two wings which were to have provided a concert hall and exhibition quarters, elimination of a basement foyer, and a general rearrangement of other facilities, according to Chas. H. Franklin of Allied Architects of Fresno, who prepared the plans.

Under the present plans two large rooms are provided on the mezzanine floor to take care of exhibition facilities eliminated by discarding one of the wings.

The budget for electrical equipment has been cut to $40,000, as compared with $102,000 under the original plans, and considerable reductions in the cost of other portions of the work are expected as a result of the general simplification of the project.

The building will be of steel frame construction with reinforced concrete walls and floors. The exterior, with the exception of the two wings, is unchanged. Plaster will be used in the interior, with acoustical plaster in the main auditorium.

The seating capacity of the auditorium will be 3500, the main floor accommodating 2300 persons and the balcony 1200. It will be equipped with a public address system and motion picture projection facilities.

Members of Allied Architects of Fresno are Mr. Franklin, W. D Coates, H. Rafael Lake, E. J. Kump Fred Swartz and E. W. Peterson.

F. W. Kellberg and Clarkson Swain are structural engineers and A. Coddington is mechanical engineer for the building. All are of San Francisco.

PUBLISH BULLETIN ON SPRAY NOZZLES

A new bulletin containing complete spray nozzle data and selection charts for all principal applications in the industrial field has just been published by Binks Manufacturing Company, engineers and manufacturers of water cooling equipment and industrial spray appliances.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
502	Nelson	Owner	4000
503	Rumini	Owner	3500
504	Little	Owner	4500
505	Little	Owner	4500
506	Little	Owner	4500
330	Kiefendorf	Early	1000
331	Van Ness	Owner	1100
332	Henrichs	Erickson	1000
509	Vollmer	Jensen	15000
510	Johnson	Lindsay	3000
511	Johnson	Lindsay	3000
512	General	Owner	4000
513	Melbostad	Unit	1500
514	McMullen	Owner	9000
515	Morris	Owner	1000
516	Associated	Johnson	1000
517	Rothschild	Owner	4000
518	Sharman	Owner	5000
519	Sharman	Owner	5000
520	Barbarini	Owner	1000
521	Standard	Owner	3000
522	Hutcheons	Moore	5000
523	Rush	Owner	1500
524	Cogswell	Vensano	11000

DWELLING
(502) W MELBA ST. 294 S Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(503) NO. 30-36 CHILD ST. Alter flats.
Owner—L. Rumini, Premises.
Architect—Not Given. $3500

DWELLING
(504) E TWENTY-FIFTH AVE. 303 N Ocean Ave. One-story and basement frame dwelling.
Owner—M. A. Little Co., 107 24th Ave. San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco. $4500

DWELLING
(505) E TWENTY-FIFTH AVE. 211 N Ocean Ave. One-story and basement frame dwelling.
Owner — M. A. Little Co., 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco. $4500

DWELLING
(506) E TWENTY-FIFTH AVE 257 N Ocean Ave. One-story and basement frame dwelling.
Owner — M. A. Little Co., 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco. $4500

REPAIRS
(330) 394 EUCLID AVE., **OAKLAND**; fire repairs.
Owner—W. J. Kiefendorf, premises.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 366 40th St., Oakland. $1000

ADDITION
(331) 2974-76 HOPKINS ST., **OAKLAND**; addition.
Owner and Contractor—Louis E. Van Ness, 4920 Park Blvd., Oakland.
Architect—Not Given. $1100

STORE
(332) 7533 FOOTHILL BLVD., **OAKLAND**; one-story store.
Owner—Henry Henrichs, 2748 75th Ave., Oakland.
Architect—Not Given.
Contractor—John Erickson, 1108 Central Ave., Alameda. $1,000

DWELLING
(509) N LONSDALE 309 E Robin Hood Drive. Two-story and basement frame dwelling.
Owner—Albert M. Vollmer, % Architect.
Architect — Miller & Pflueger, 580 Market St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $15,000

DWELLING
(510) S SENECA ST. 80 E Delano St. One-story & basement frame dwelling.
Owner—Clayton Johnson, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Linsday, 183 Oxford St., San Francisco. $3000

DWELLING
(511) S SENECA ST. 55 E Delano St. One-story and basement frame dwelling.
Owner—Clayton Johnson, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $3000

STATION
(512) NE SEVENTH AND FOLSOM St. One-story steel service station.
Owner — General Petroleum Corp. of Calif., Higgins Bldg., Los Angeles
Plans by Engineering Dept. of Owner. $4000

ALTERATIONS
(513) NO. 2139 LAKE ST. Alter dwelling.
Owner—S. A. Melbostad, 1143 Shrader St., San Francisco.
Architect—Not Given.
Contractor—Unit Constr. Co., 557 Market St., San Francisco. $1500

FLATS
(514) N GEARY ST. 80 E Parker Ave. Two-story and basement frame flats.
Owner—C. C. McMullen, 3238 Geary St., San Francisco.
Architect—Not Given. $9000

DWELLING
(515) E FIFTEENTH AVE 200 S Vicente. One-story and basement frame dwelling.
Owner—S. Morris, 1310 Turk St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(516) NW HOWARD & HOLLAND Sts. Alter greasing station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor — J. Harold Johnson, 639 Brannan St. $1000

DWELLING
(517) S TARAVAL ST. 85 W 20th Ave. One-story and basement frame dwelling.
Owner—Rothschild Bros., 41 Sutter St., San Francsico.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Engineer—M. Rosenthal, %aArchitect. $4000

FLATS
(518) S NORTH POINT ST. 419 W Divisadero St. Two-story frame flatts.
Owner—Thos. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given. $5000

FLATS
(519) SW NORTH POINT AND Divisadero St. Two-story frame flats
Owner—Thos. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given. $5000

ALTERATIONS
(520) NO. 4084 SEVENTEENTH ST. Alter dwelling.
Owner—Caomine Barbarini, 128 Irving St., San Francisco.
Architect—Not Given. $1000

DWELLING
(521) E TWELFTH AVE. 125 S Moraga St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(522) NW MAGELLAN ST. 55 SW Pacheco St. Two-story and basement frame dwelling.
Owner — Jas. and Bertha Hutcheons, 1055 Washington St., S. F.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., S. F. $5000

ALTERATIONS
(523) NO. 22 EMBARCADERO. Alter restaurant.
Owner—T. F. Rush, Premises.
Architect—Brunswick Balke Collender Co., % Owner. $1500

ALTERATIONS
(524) SW TWENTY-SIXTH AND Folsom Sts. Alter school building
Owner—Cogswell Polytechnical College, Premises.
Engineer—H. C. Vansano, 251 Kearny St., San Francisco.
Contractor—H. C. Vensano & Co., 251 Kearny St. $11,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
326	Fibush	Bertelsen	1380
327	Sykes	Shapiro	8000
328	Gilman	MacDonald	11367
329	Adams	Beckett	7000
507	Blincoe	Owner	3000
508	Talbott	Gladstone	7000
333	Pacific	Owner	1000
334	Schmeiz	Owner	2000
335	Mariglia	Delucchi	4000
336	Le Barse	Melrose	1500
337	Driver	Farman	2000
338	Loustalet	Webb	2337

ALTERATIONS
(326) NO. 116 PALA AVE., **PIEDMONT**. Alterations.
Owner—Mr. and Mrs. J. Fibush, Prem.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. J. Bertelsen, 30 Estrella St., Oakland. $1380

DWELLING
(327) NO. 2 STONEWALL ROAD, **OAKLAND**. Two-story 8-room

dwelling.
Owner—E. A. Sykes, Premises.
Architect—Not Given.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $8000

DWELLING
(328) NO. 1138 HIGH COURT, **BERKELEY.** Two-story 12-room dwlg.
Owner — Wm. W. Gilman, 1134 High Court, Berkeley.
Architect—J. W. Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—S. O. MacDonald & Son, 2912 Deakin St., Berkeley. $11,367

DWELLING
(329) NO. 640 SANTA BARBARA RD **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—Orville D. Adams, 1824 Marin St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Berkeley. $7000

DWELLING
(507) E 36th AVE. 125 N Anza St.; one - story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave.
Architect—Not Given. $3,000

DWELLING
(508) E DIVISADERO 35 S Greenwich; 2-story and basement frame dwelling.
Owner—J. H. Talbott, 1405 Greenwich Street.
Architect—Albert Farr and J. Francis Ward, 68 Post Street.
Contractor—D. B. Gladstone, 557 Market Street. $7,000

ALTERATIONS
(333) NE MARKET AND WATER Sts., **OAKLAND.** Alterations.
Owner — Pacific Gas & Electric Co., 1625 Clay St., Oakland.
Architect—Not Given. $1000

FACTORY
(334) NO. 5526 SAN PABLO AVE., **OAKLAND.** One-story factory.
Owner—J. J. Schmelz, 1326 8th Street, Alameda.
Architect — Williams & Wastell, 374 17th St., Oakland. $2000

DWELLING
(335) NO. 562 FIFTY - SIXTH ST., **OAKLAND.** One-story 5 - room dwelling.
Owner — J. Mariglia, 606 Powell St., Oakland.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland. $4000

ADDITION
(336) NO. 1727 FORTY-EIGHTH ST. **OAKLAND.** Add to paratments.
Owner—J. LeBarse, 1437 18th Avenue, Oakland.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1500

STATION
(337) NO. 1255 UNIVERSITY AVE., **BERKELEY.** One-story Class C service station.
Owner — J. R. Driver, 2213 Vine St., Berkeley.
Architect—Not Given.
Contractor, J. H. Farman, 5000 Broadway, Oakland. $2000

ADDITIONS
(338) NO. 1735 TENTH ST., **BERKELEY.** Additions.
Owner—Maria Loustalet, Premises.
Architect—Not Given.
Contractor — Webb & Whalin, 2930 22nd Ave., Oakland. $2397

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

109	Shainwald	Johnson	2879
110	Donovan	Anza	5050
111	Warner	Martin	5820
112	Warner	Martin	1760
113	Heyman	Lindsay	4900
114	Heyman	Lindsay	4575
115	Heyman	Lindsay	4050
116	Heyman	Lindsay	4050
117	Talbott	Gladstone	7987
118	Harris	Hanson	127

ALTERATIONS
(109) NO. 3723 JACKSON STREET. All work for alterations to dwelling.
Owner—R. H. Shainwald, Premises.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—J. Harold Johnson, 639 Brannan St., San Francisco.
Filed May 22, '35. Dated May 17, '35.
On 5th of each month 75%
Usual 35 days 25%
TOTAL COST, $2879
Bond, none. Limit, July 31, 1935. Forfeit, none. Plans and specifications.

DWELLING
(110) W THIRTY-SECOND AVE. 175 N Moraga St. All work for one-story and basement frame dwelling.
Owner—James E. and Bertha Donovan, 1498 36th Ave., S. F.
Architect—Not Given.
Contractor—Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Filed May 22, '35. Dated May 20, '35.
Frame up 25%
Outside brown coated 25%
When completed 25%
Usual 35 days 25%
TOTAL COST, $5050
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(111) 215-221 GOLDEN GATE AVE.; miscellaneous alterations to film exchange buildings at the above address.
Owner—Warner Bros. Pictures, Inc., 215 Golden Gate Ave.
Architect—Albert A. Schroepfer, 244 Kearny Street.
Contractor—Wm. Martin, 666 Mission.
Filed, May 24, '35. Dated, May 10, '35.
When 50% completed $2,000
Completed and accepted 2,350
Usual 35 days 1,470
TOTAL COST, $5,820.00
Bond, $2,910. Sureties, New Amsterdam Casualty Co. Limit, June 27, '35. Plans and specifications filed.

ALTERATIONS
(112) 229 GOLDEN GATE Avenue; miscellaneous alterations to film exchange buildings at the above address.
Owner—Warner Bros. Pictures, Inc., 215 Golden Gate Ave.
Architect—Albert A. Schroepfer, 244 Kearny Street.
Contractor—Wm. Martin, 666 Mission.
Filed, May 24, '35. Dated, May 10, '35.
When completed $1,320
Usual 35 days 440
TOTAL COST, $1,760.00
Bond, $880. Sureties, New Amsterdam Casualty Co. Limit, June 5, 1935. Plans and specifications filed.

DWELLING
(113) E 27th AVE. 100 S Cabrillo; one - story and basement 6-room frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed May 24, '35. Dated May 8, '35.
When flat roof is completed $1,225
When brown coated 1,225
Completion 1,225
Usual 35 days 1,225
TOTAL COST, $4,900
Forfeit $10 per day. Limit, 90 working days. No Plans or Spec. filed.

DWELLING
(114) E 27th AVE. 50 S Cabrillo St.; one - story and basement 5-room frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed May 24, '35. Dated May 8, '35.
When flat roof is completed ..$1,144
When brown coated 1,144
Completion 1,144
Usual 35 days 1,143
TOTAL COST, $4,575.00
Forfeit $10 per day. Limit, 90 working days. No Plans or Spec. filed.

DWELLING
(115) W DUNSMUIR 60 N Silver; one - story and basement 5-room frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed May 24, '35. Dated May 8, '35.
When flat roof completed ..$1012.50
When brown coated 1012.50
Completion 1012.50
Usual 35 days 1012.50
TOTAL COST, $4,050.00
Forfeit $10 per day. Limit, 90 working days. No Plans or Spec. filed.

DWELLING
(116) W DUNSMUIR 95 N Silver Ave.; one - story and basement 5-room frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Avenue.
Filed May 24, '35. Dated May 8, '35.
When flat roof completed ..$1012.50
When brown coated 1012.50
Completion 1012.50
Usual 35 days 1012.50
TOTAL COST, $4,050.00
Forfeit $10 per day. Limit, 90 working days. No Plans or Spec. filed.

DWELLING
(117) E DIVISADERO ST. 35 S Greenwich St. All work for two-story and basement frame dwelling.
Owner—Jas. H. and Lily B. Talbott, 1405 Greenwich St., S. F.
Architect — Albert Farr (J. Francis Ward, Associate), 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco.
Filed May 27, '35. Dated May 21, '35.
15th and 27th of each month .. 75%
Usual 35 days 25%
TOTAL COST, $7987.50
Bond, $3993.75. Surety, Fireman's Fund Indemnity Co. Limit, 70 working days. Forfeit, $5 per day. Plans and specifications filed.

PAINTING
(118) NO. 437 EIGHTEENTH AVE. All work for painting exterior of dwelling.
Owner — George M. B. and Martha Harris, 437 18th Ave., San Francisco.
Architect—Not Given.
Contractor—John E. Hanson.
Filed May 28, '35. Dated May 25, '35.
HOLC Contract .....
TOTAL COST, $127
Bond, $127. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1	Baumgartner	Henderson	4790

(RESIDENCE
(31) LOT 36, map of Spring Court, Berkeley; residence.
Owner—C. E. Baumgartner, 2068 Allston Way, Berkeley.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley.
Filed, May 25, 1935. Dated,
Rough frame up ... 25%
Brown coated ... 25%
Completion ... 25%
Usual 35 days ... 25%
TOTAL COST, $1,790.00
Bond, $4790. Sureties, Great American Indemnity Co. Limit, 90 days.

2	Kenbrook	Sorenson	3665

(RESIDENCE
(32) LOT 12 BLK H, Cragmont Addition, Berkeley. All work for residence.
Owner — Wallace W. and Elizabeth Jane Kenbrook.
Architect — Shaw & McCool, 9 Geary St., San Francisco.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Berkeley.
Filed May 27, '35. Dated May 25, '35.
Frame completed ... $916.25
Plastered ... 916.25
When completed ... 916.25
Usual 35 days ... 916.25
TOTAL COST, $3665.00
Bond, limit, forfeit, plans and specifications, none.

SAN FRANCISCO UNDER $1000

SIGN, electric, $100; 1775 Fulton St.; owner, Lidi Fountain Lunch, 1775 Fulton St.; contractor, Novelty Elec. Sign Co., 290 7th St.
SIGN, electric, $175; 5544 Geary St.; owner, Hull's Ice Cream, Premises contractor, Novelty Elec. Sign Co., 290 7th St.
BARBER pole, $10; 252 Leavenworth St.; owner, E. J. Erlis, 411 Haight St.; contractor, Deckelman Supply Co., 48 Turk St.
ALTER flats, $100; 3510 Sacramento St.; owner, Cuvier De Witts, 3508 Sacramento St.
SIGN, electric, $100; 1600 Van Ness Ave.; owner, Scott, Prem.; contractor, State Mfg. Co., 55 Rausch
ALTER dwelling, $30; 3042 Pine St.; owner, Golden M. Thompson, 3042 Pine St.
ALTER flats, $150; 28 Vanderwater St.; owner, Mrs. M. Merto, 77 Vanderwater St.
BILLBOARD, $6.25; NW Irving St. & 24th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $6.25; N Chestnut 218 W Divisadero St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $500; 326 Juanita St owner, Knapp Orton, Prem.; engineer, H. P. Hoyt, 325 Fremont St.
ALTER offices, $500; 617 Montgomery St ; owner, C. L. Paganini, Prem. contractor, David Paganini, 617 Montgomery St.
SIGN, electric, $100; 3226 24th Street; owner, Porter's, Prem.; contractor, Novelty Elec. Sign Co., 290 Seventh St.
SIGN, electric, $350; 5544 Geary St.; owner, Hull's Ice Cream Co., 5544 Geary St.; contractor, Novelty Elec. Sign Co., 290 7th St.
BARBER pole, $40; 154 Ellis Street; owner, Spiro's, Premises.
ALTER store, $150; 2785 Mission St.; owner, Pollards, Premises; contractor, State Mfg. Co., 55 Rausch
SIGN, electric, $150; 2834 Mission St.; owner, Mission Grill, Prem.; contractor, State Mfg. Co., 55 Rausch
SIGN, electric, $200; 658 Market St.; owner, Hanford's, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER hotel, $247; 58 Mason Street; owner, A. W. Wilson, % Contractor; architect, C. A. Meussdorffer, % Contractor; contractor, Fred Warden, 1619 26th Ave.
BILLBOARD, $6.25; N Balboa St. 95 W 40th Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $20; 1969 Geary St.; owner, Javier Gonzales, Prem.
ALTER dwelling, $700; 171 Boyce St.; owner, Mrs. Amelia Haskins, 171 Boyce St
ALTER dwelling, $200; 1904 Palou St. owner, A. Venturin, Premises.
SIGN, electric, $150; 540 Geary St.; owner, Mr. Ambras, Prem.; contractor, QRS Neon Corp, Ltd., 690 Potrero Ave.
SIGN, electric, $200; 566 Haight St.; owner, Mr. Durest, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dwelling, $140; 144 Sussex St. owner, Mrs. Mae Sager, Prem.
ALTER store, $180; 672 Jackson St.; owner, Shang Tai, Prem.; contractor, Sun Lee, 115 Waverly St.
BILLBOARD, $6.25; E Polk St. 112 N Lombard St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER dwelling, $325; 551 Magellan St.; owner, Anglo Calif. Nat'l. Bank, 1 Sansome St.; contractor, Bay Cities Contracting Co., 557 Market St.
ALTER flats, $275; 3662-64 20th St.; owntr, H. Gauge, 2927 Buchanan St.; contractor, S. Mazzoncini, 3020 Buchanan St.

ALTER hotel, $100; 154 Ellis Street; owner, Mrs. Mary Saunders Moses Premises.
REPAIR fire damage to store and flat., $175; 1732-36 Folsom Street; owner, A. Cohn, 535 Bryant St.
ALTER apartments, $75; 1020 Post St.; owner, J. H. Keefe, 306 Santa Ana St.
ALTER flats, $962; 1405-07 McAllister St.; owner, George Neibel, 1409 McAllister St.; contractor, Otto Spirtz, 906 Steiner St.
ALTER offices, $750; 244 Pine Street; owner, Crocker 1st Federal Trust Co., Post and Montgomery Sts.; contractor, Oscar Presco & Sons, 250 Langton St.
ALTER flats, $25; 1409 Guerrero St.; owner, Mrs. Lydia Robinson, 1409 Guerrero St.
SIGN, electric, $100; 105 Taylor St.; owntr, Morocco Cafe, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER warehouse, $100; 2415 Bayshore; owner, Wm. B. Gibson, Ltd., Premises.
ALTER dwelling, $225; 30 Corona St. owner, Mrs. H. G. Weatherill, 30 Corona St.; contractor, Lone & Apperson, % Owner.
ALTER dwelling, $100; 726 Delta St.; owner, Giacomo Gioardo, 938 Rutland St.
BILLBOARD, $12.50; NE Duboce and Church St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER flats, $340; 3032 Jackson St.; owner, Anglo Calif. Nat'l. Bank 1 Sansome St.; contractor, Bay Cities Contracting Co., 557 Market Street.
ALTER dwelling, $120; 105 Trumbull St.; owner, A. Spediacci, Prem.; contractor, John Antone, 331 Lisbon Street.
SIGN, $20; 302 Greenwich St.; owner, Julius Castle, Prem.; contractor, F. H. Pellegrini, 535 Broadway.

ALAMEDA COUNTY UNDER $1000

ADDITION, $500; 2948 106th Avenue Oakland; owner, Leona Hledmark Premises; contractor, Melrose Builders, 1700 47th Ave.
WRECK building, $50; 1120 Grove St Oakland; owner, Symon Bros., 22nd Ave. and E-14th St.
SIGN, electric, $150; 394 Grand Ave., Oakland; owner, MacMarr Stores, Prem.; contractor, QRS Neon Corp., 690 Potrero Ave., S. F.
SIGN, metal, $3; 5029 E-14th Street, Oakland; owner, H. Skato, 5029 E-14th Street.
ADDITION, $280; 1835 103rd Avenue, Oakland; owner, L. Marintire, 1831 103rd Ave.
ALTERATIONS, $75; 1103 Clay St., Oakland; owner, M. K. Blake Est. 1121 Washington St.
GARAGE, one-story, $65; 6657 Foothill Blvd., Oakland; owner, C. F. Johnson, 6653 Foothill Blvd.
ADDITION, $500; 5721 Nottingham Drive, Oakland; owner, O. Hoffman, Premises.
SIGN, electric, $110; 477 8th Street, Oakland; owner, Madrone Hotel, Prem.; contractor, Imp Elec. Sign Co., 2228 Myrtle St.
ALTERATIONS, $400; 1819 Virginia St., Berkeley; owner, Mrs. Erwin, Prem.; contractor, Edw. M. Sorensen, 1907 Parker St.
ALTERATIONS, $500; 2947 Elmwood Court, Berkeley; owner, L. T. Haskell, Prem.; contractor, Jas. M. Kich, 586 37th St., Oakland.
GARAGE, private, $360; 1819 Virginia St., Berkeley; owner, Mrs. Erwin; contractor, E. M. Sorenaen, 1907 Parker St., Berkeley.

ALTER residence and garage, $290; 1048 Aileen St., Oakland; owner, Anna Pedemonte, 1034 45th St.
ALTERATIONS, $350; 423 12th Oakland; owner, Jonas Investment Co., 13th and Broadway.
ALTERATIONS & addition, $500; 1536 18th Ave.; owner, Catherine Cooper, Premises.
ALTERATIONS, $100; 2872 E-9th St Oakland; owner, A. Tomsic, 2872 E-9th St.
SIGN, metal, $25; 394 Grand Avenue, Oakland; owner, Modern Food Co., 5725 E-14th St.
BILLBOARD, $25; 3815 Telegraph Ave., Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.
SIGN, metal roof, $25; 10151 E-14th St., Oakland; owner, Mileage Gasoline Co., 354 Hobart St.
ALTERATIONS, $32; 172-174 Eighth St., Oakland; owner, Joe Yick, 172 8th Street.
ADDITION, $820; 462 44th St., Oakland; owner, L. F. Braswell, 462 44th St.; contractor, C. J. Jackson, 824 105th Ave.
INSIDE finish, $200; 1600 82nd Ave., Oakland; owner, B. E. Rodgers, 1001 86th Ave.
ALTERATIONS, $110; 607 28th Street, Oakland; owner, Mrs. J. Midlo, 607 28th St.; contractor, M. Cvetich, 2515 Adeline St.
ADDITION, $36; 637 28th St., Oakland; owner, Dr. S. J.. Silva, 431 Lagunitas Ave.
BARBER pole, $20; 1914 Park Blvd., Oakland; owner, J. P. Evans, 305 E-18th St.
BILLBOARD, $25; SE Hobart St. & Telegraph Ave., Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.
BILLBOARD, $25; NE Hobart St. and Telegraph Axe., Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.
ALTERATIONS, $100; 3001 Benvenue Ave., Berkeley; owner, W. Perkins, Premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Planned.
APARTMENTS Cost, $12,000
MARYSVILLE, Yuba Co., Cal. F St. between 8th and 9th.
Two-story frame apartment building.
Architect—Not Given.

3— CHURCHES

CHURCH Cost, $30,000
NORTH SACRAMENTO, Sacramento Co., Calif.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. SE Arthur and Third Streets.
Alterations to meat packing plant.
Owner—H. Moffat, premises.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny Street.
Lumber—Rolando Lbr. Co., 301 Berry.
Plastering — Marconi Plastering Co., 1737 Beach Street.

Contract Awarded.
DIST. PLANT Cost, $6227
SALINAS, Monterey Co., Cal.
One-story oil distributing plant.
Owner—Salinas Valley Concrete Pipe Co., Salinas.
Lessee—Rischfield Oil Co., Los Angeles
Plans by Engineering Dept. of Owner.
Contractor—Harman Pacific Co., 422 E. Third St., Los Angeles.

Contract Awarded.
PACKING SHED Cost, $5,000
HALF MOON BAY, San Mateo Co., Cal. Main Street.
One-story packing shed.
Owner—San Mateo County Farmers' Union.
Architect—Not Given.
Contractor—Geo. Veteran, Rt. 2, Box 706, San Jose

Contract Awarded.
LUMBER PLANT Cost, $——
BRENTWOOD, Contra Costa Co., Cal.
Rebuild lumber plant (recently destroyed by fire).
Owner—Brentwood Lumber Company, Brentwood.
Architect—Not Given.
Contractor—John Hachman, Farmington Road and Walker Lane, Stockton.

Contract Awarded.
WAREHOUSE Cost, $2,135
KINGSBURG, Fresno Co., Calif.
Superstructure for warehouse.
Owner—California Packing Corp., 101 California St., San Francisco.
Engineer—Phillip Bush, 101 California St., San Francisco.
Contractor—G. Hilblom, P. O. Box 181 Kingsburg.

To Be Done By Day's Work.
REPAIR SHOP Cost, $2000
SAN JOSE, Santa Clara Co., Calif. 1056 South First Street.
Owner—Chas. Chapman, premises.
Architect—Not Given.

Concrete Contract Awarded.
FORGE Cost, $——
BERKELEY, Alameda Co., Cal. Ashby Avenue.
One-story mill type steel forge building (150x150 feet) corrugated iron roofing, etc.
Owner—American Forge Co., 25 Tehama St., San Francisco.
Engineer—K. Theill, 580 Market St., San Francisco.
Concrete—Schnoor Bros., 6016 Claremont Ave., Oakland.
As previously reported, steel contract awarded to Moore Dry Dock Co., foot of Adeline St., Oakland.

Sub-Contracts Awarded.
SERVICE BLDG. Cost, $15,000
SAN FRANCISCO. SW Newhall and Carroll Streets.
Two-story Class C service building.
Owner—General Brewing Corp., 2601 Newhall St., San Francisco.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Cahill Brothers, 206 Sansome St., San Francisco.
Reinforcing Steel and Steel Windows—Soule Steel Co., 1750 Army St.
Lumber — Loop Lumber Co., Central Basin.

Planned.
ALTER PLANT Cost, $——
SOUTH SAN FRANCISCO. San Mateo Co., Calif.
Alterations to packing plant.
Owner—Armour & Co. (Arthur Leonard, General Manager) South San Francisco.
Engineer to be selected.
Further details will be announced in about three weeks.

Plans Being Prepared.
ALTERATIONS Cost, $5000
SAN FRANCISCO. N Folsom St., 125 E Sixth Street.
Alterations to sheet metal shop.
Owner—H. D. Stirm & H. R. Klenck, 980 Folsom St., San Francisco.
Architect—William Henry Rowe, 2044 Bryant St., San Francisco.

5— FLATS

May 24, 1935

To Be Done By Day's Work.
ALTERATIONS Cost, $3,500
SAN FRANCISCO. 30-36 Child Street.
Alterations to flats.
Owner—L. Rumini, premises.
Architect—Not Given.

Sub-Bids Wanted.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 1500 Castro Street.
Alterations and additions to two-story frame flat building (sheet metal, plumbing, plastering, painting, etc.)
Owner—Withheld.
Architect—Not Given.
Contractor — Gaubert Bros., 4735 Brookdale Ave., Oakland.
Sub-bids are wanted on all portions of the work excepting lumber.

Planned.
FLATS Cost, $10,000
SAN FRANCISCO. N Geary St. 80 E Parker Ave.
Two - story and basement frame and stucco flats.
Owner—C. C. McMullen, 3238 Geary.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

To Be Done By Day's Work.
ALTERATIONS Cost, $2,000
RICHMOND, Contra Costa Co., Calif. SW 14th and Macdonald.
Alterations to service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner

Concrete Contract Awarded.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. NW Folsom and Fremont Streets.
One-story service station.
Owner—Standard Oil Co., Bush Street
Plans by Engineering Dept. of Owner
Concrete—Macdonald & Kahn, Financial Center Bldg.

Planned.
SERVICE STATION Cost, $7,500
LODI, San Joaquin Co., Calif. Pine and School Streets.
Super-service station.
Owner—Standard Oil Co., California Bldg., Stockton.
Plans by Engineering Dept. of Owner

Contract Awarded.
SERVICE STATION Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 1201 J Street.
Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco
Plans by Engineering Dept. of Owner
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Low Bidder.
SERVICE STATION Cost, $6,000
SAN FRANCISCO. NE Seventh and Folsom Streets.
One-story steel service station.
Owner — General Petroleum Corp. of Calif., Higgins Bldg., Los Angeles
Plans by Engineering Dept. of Owner
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland.

Electrical Contract Awarded.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. SE Leavenworth and McAllister Streets.
Steel service station.
Owner—Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Owner
Contractor—F. J. Early, 369 Pine St.
Electrical Work—Collonan Electric Mfg. Co., 3201 Mission Street.
As previously reported, steel building awarded to H. F. Gettins, 5[illegible] Market Street.

Plans Completed.
SERVICE STATION Cost, $6,0[illegible]
SAN FRANCISCO. NE Seventh and Folsom Streets.
One-story steel service station.
Owner—General Petroleum Corp. of California, Higgins Bldg., L. A.
Plans by Engineering Dept. of Owner

7— FEDERAL BUILDINGS

BUILDING MATERIALS APPROVED

TORRANCE, Los Angeles Co., Cal.—Treasury Department has approved the following material and equipment awards for the construction of the U. S. post office at Torrance. Harold Jansen, 1185 N. Flores St., Los Angeles, general contractor:

Plumbing fixtures, Washington Elger Co.; electric water coolers and drinking fountain, Halsey W. Taylor Co.; gas water heater, U. S. Radiator Co.; water supply pipe, Wheeling Pipe Co. pressure reducing valve on water supply, Watts Valve Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; sump pump, Chicago Pump Co.; boiler, U. S. Radiator Co.; tube and wall radiators, U. S. Radiator Co.; non-conducting covering for heating, Plant Rubber & Asbestos Co.; heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; hangers, Grabler Mfg. Co.; lighting distribution panel, Diamond Elec. Mfg. Co.; r. c. wire, Crescent Insulated Wire & Cable Co.; receptacles and push switches, Arrow-Hart & Hegeman Elec. Co.; flush switches, Arrow-Hart & Hegeman Electric Co.

BUILDING MATERIALS APPROVED

PROSSER, Wash. — Treasury Department has approved the following equipment awards for the construction of the U. S. post office at Prosser. Standard Const. Co., Tacoma, Wash., general contractors:

Plumbing fixtures, Kohler Co.; electric water coolers and drinking fountain, Kelvinator Co.; indirect water heater, Trico Radiators; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; back-water valve, Blake Specialty Co.; back-water cesspools, J. A. Zurn Mfg. Co.; non-conducting covering for plumbing, Johns-Manville; boiler, William Bros. Boiler & Mfg. Co.; tube and wall radiators, American Radiator Co. non-conducting covering for heating, Johns-Manville; angle radintor valves, A. P. Marsh Corp.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panels and feeder panel, NePage-McKenny Co.; r.c. wire, Habirshaw Wire & Cable Co.; receptacles and push switches, Arrow-Hart & Hegeman Co.; glassware, Phoenix Glass Co.; lighting fixtures, F. W. Wakefield Brass Co.

Plans Being Completed.

LINT Cost, $1,225,000

SAN FRANCISCO, Duboce Avenue, Hermann, Buchanan and Webster Streets.

Five - story reinforced concrete mint (may have granite base).

Owner—United States Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Bids will be asked in about 3 weeks.

Sub-Contracts Awarded.

POST OFFICE Cont. Price, $150,730

HOLLYWOOD, Los Angeles Co., Cal. NW Wilcox and Selma Avenues.

Two - story and basement post office (196x115 feet) reinforced concrete walls, concrete exterior, waste mould work, columns and beams, wood roof joists, wood and steel sash, cast and wrought iron work, metal clad doors freight elevator, marble wainscot, terrazzo floors in lobby, wood strip floors in the work rooms, two vaults, special lighting fixtures, steam heat, water heater, skylights, metal stairs.

Owner—United States Government.

Architect—Claude Beelman, 1019 Union Bank Bldg., and Allison & Allison, 1014 Edison Bldg., Los Angeles.

Contractor—K. E. Parker Co., 135 So. Park, San Francisco.

Marble — Hilgartner Marble Co., Box 1000, Arcade Station, Los Angeles

Heating—Frank J. Edwards, 2401 9th Ave., Oakland.

Roofing—Phil E. French, 1074 N Oxford Ave., Los Angeles.

Structural Steel—Pacific Coast Steel Corp., 20th and Illinois Sts., San Francisco.

Miscellaneous and Ornamental Iron—Usona Iron Works, 4606 W. Jefferson Blvd., Los Angeles.

Tile—Berger Eldridge Inc. 5011 Woodley Ave., Van Nuys.

Sheet Metal—California Cornice W'ks, P. O. Box 484, Los Angeles.

BIDS WANTED

DENVER, Colo.—Until June 18, 1:00 P. M., bids will be received by the Treasury Department, Procurement Division, Public Wks. Branch, Washington, D. C., for furnishing and installing a complete elevator plant in the extension of the U. S. Custom house at Denver, Colorado.

Plans and specifications may be obtained at the above office.

Bids Wanted—To Close July 5, 1 P.M.

POST OFFICE Cost, $45,100

MONTEBELLO, Los Angeles Co., Cal. United States Post Office Building.

Owner—United States Government.

Plans by Supervising Architect of the Treasury Department, Washington, D. C.

One set of plans and specifications will be furnished free. Additional sets may be obtained upon payment of $5, not returnable.

BIDS WANTED

ST. JOHNS, Ore.—Until June 19, 10 A. M., bids will be received by the Treasury Dept., Procurement Division Public Works Branch, Washington, D. C., for painting the plaster, etc., at the U. S. post office in St. Johns.

Specifications may be obtained from the above office and from the Custodian of the building at St. Johns.

BIDS WANTED.

RENO, Nev.—Until June 18, 10 A. M., bids will be received by Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Reno.

Specifications may be obtained from the above office and from the Custodian of the building at Reno.

BIDS WANTED.

REDLANDS, San Bernardino Co., Cal.—Until June 18, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Redlands.

Specifications may be obtained from the above office and from the Custodian of the building at Redlands.

BIDS WANTED.

PASCO, Wash.—Until June 17, 10 A. M., bids will be received by Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Pasco.

Specifications may be obtained from the above office and from the Custodian of the building at Pasco.

To Ask Bids Shortly.

FEDERAL BLDG. Cost, $150,000

GRANTS PASS, Oregon.

Two-story Federal Building (to house Post Office, Federal offices, etc.) brick and stone exterior, terrazzo floors with marble wainscoting in lobby, etc.

Owner—United States Government.

Plans by Supervising Architect, Treasury Dept., Washington, D. C.

CONTRACT AWARDED

ASTORIA, Oregon—D. J. Inman, Danville, Ill., at $1303 awarded contract by Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office in Astoria.

Complete bids published May 10.

COMPLETE BIDS

LOS ANGELES, Cal.—As previously reported, A. J. Bayer Co., 2300 E. Slauson Ave., Los Angeles, at $6990 submitted low bid to the Veterans' Administration, Washington, D. C., for furnishing and installing complete, metal cubicle partitions in Buildings Nos. 162 and 164 at the Veterans Administration Facility, Los Angeles.

Complete bids follow:

A. J. Bayer Co., L. A.		$6989
	Add (1)	1200
Dahlstrom Metalic Door Co., Jamestown, New York		7820
	(1)	2323
Snaymetal Products Co., Cleveland, Ohio		19,630
	(1)	4359

Bids held under advisement.

Bids Wanted—To Close July 2, 1 P. M.

POST OFFICE Cost, $63,200

SOUTH PASADENA, Los Angeles Co. One-story U. S. Post Office Building.

Owner—United States Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Plans and specifications may be obtained from above office. No deposit required for one set.

On previous bid opening, lowest bid was submitted by L. F. Dow Co., Los Angeles, at $4,347.

Bids Wanted—To Close June 25th, 1 ..... P. M.

POST OFFICE Cost, $64,900

SAN RAFAEL, Marin Co., Cal. D and Third Streets.

One - story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one-pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast stone steps, etc.

Owner—United States Government.

Plans by the Supervising Architect, Treasury Dept., Washington, D.C.

Plans and specifications may be obtained from above office. No deposit required for one set.

On previous bid opening, lowest bid was submitted by Wm. Spivock, Hobart Bldg., San Francisco, at $35,500.

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until June 18, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Vallejo. Specifications may be obtained from above office and from the Custodian of the Building at Vallejo.

CONTRACT AWARDED

ROSEBURG, Oregon—Reed & Reed and J. Harold Johnson, Hearst Bldg., San Francisco, awarded contract at $118,550 by Veterans Administration for the construction of a recreation building No. 16. Work includes walks, grading, excavating, reinforced concrete, hollow building tile, brick work, cut stone, marble work, terrazzo floor and wall tile, rubber tile, compressed

asphalt tile, iron work, steel stairs, steel shelving, tile and metal roofing, metal lathing, plastering, carpentry, insect screens, window shades, painting, glazing, hardware, plumbing, heating, electrical work, electrical elevator, outside service connections, etc.

Otis Elevator Co., 1 Beach St., San Francisco, at $4143 awarded contract for the edevators.

BIDS WANTED

YUMA, Ariz.—Until June 18, 10 A. M., bids will be received by Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Luma. Specifications may be obtained from above office and from the Custodian of the building at Yuma.

APPROVED

REDWOOD CITY, San Mateo Co., Calif.—Treasury Department has approved the award to Kewanee Tabasco Company for furnishing gas burning water heater for the U. S. Post Office at Redwood City. K. E. Parker Co., 135 South Park, San Francisco, general contractors.

Bids Wanted — To Close June 26, 1 P. M.

POST OFFICE Cost, $178,415
ALHAMBRA, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required for one set of plans and specifications.

BUILDING MATERIALS APPROVED

MONTESANO, Wash.—Treasury Department has approved the following equipment awards for the construction of the U. S. post office at Montesano, Wash. Standard Construction Co., Perkins Bldg., Tacoma, general contractors:

Plumbing fixtures, Kohler Co.; electric water coolers and drinking fountain, Kelvinator Sales Corp.; indirect water heater, Taco Heaters; pressure reducing valve on water supply, Mueller Steam Specialty Co.; backwater valve, Blake Specialty Co.; backwater cesspools, J. A. Zurn Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, William Bros. Boiler & Mfg. Co.; tube radiators, American Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, J. P. Marsh Co.; air valves for radiators and for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel and main switch panel Westinghouse Elec. & Mfg. Co.; r.c. wire, Hatfield Wire & Cable Co.; receptacles and flush switches, Arrow-Hart & Hegeman Elec. Co.; pendant switch, Pass & Seymour; glassware, Inland Glass Works; lighting fixtures, Mutual Metal Mfg. Co.

BUILDING MATERIALS APPROVED

McMINNVILLE, Ore.—Treasury Department has approved the following equipment awards for the construction of the U. S. post office at McMinnville, Ore. Hoffman Const. Co., Portland, general contractors:

Plumbing fixtures, Standard Sanitary Mfg. Co.; indirect water heater, Excelso Products Corp.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; back-water valve, Blake Specialty Co.; non-conducting covering for plumbing, Johns-Manville Corp.; tube radiators, American Radiator Co.; wall radiators, American Radiator Co.; non-conducting covering for heating, Johns-Manville Corp.; angle radiator valves, J. P. Marsh Corp.; oil burner, Enterprise Oil Burner Co.; air valves for radiators, American Radiator Co.; air valves for ends of steam mains, Jas. P. Marsh; r.c. wire, John A. Roebling's Sons Co.; receptacles and flush, switches, Bryant Elec. Co.; glassware, Gill Glass & Fixture Co.; lighting fixtures, Seattle Lighting Fixture Co.

BUILDING MATERIALS APPROVED

EL MONTE, Los Angeles Co., Cal.—Treasury Department has approved the following material and equipment awards for the construction of the U. S. post office at El Monte. H. A. Anderson, 414 Rowan Bldg., Los Angeles, general contractor:

Plumbing fixtures, Crane Co.; electric water cooler and drinking fountain, H. W. Taylor; water supply pipe, National Tube Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; non-conducting covering for the plumbing, Johns-Manville; oil and gas burner, Enterprise Oil Burner Co.; boiler, Kewanee Boiler Corp.; wall radiators, and tube radiators, American Radiator Co.; non-conducting covering for heating, Johns-Manville; angle radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Steam Specialty Co.; fan hangers, flush switches and receptacles, Arrow-Hart & Hegeman Elec. Co.; r. c. wire, Crescent Insulated Wire & Cable Co.

CONTRACT AWARDED

RENO, Nev.—Wade H. Wine, 1921 Plumas St., Reno, at $2,660 awarded contract by Treasury Department for installing new fuel tank and piping in front of the post office at Reno.

9— HOSPITALS

BIDS OPENED

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $163.60 submitted low bid to Custodian, U. S. Marine Hospital, for installing flashing windows, waterproofing, etc., on the west enclosed portico of Nurses' quarters at the Marine Hospital, 14th Ave. and Lake St. Only other bid was submitted by Nick Hemminga at $193.00. Bids held under advisement.

BIDS OPENED

SAN FRANCISCO — E. A. Cornely, Inc., 1452 Bush St., at $2060 submitted low bid to Custodian, U. S. Marine Hospital, San Francisco, for furnishing and installing a new storage type hot water heater in the basement of the main building of the Marine Hospital, San Francisco.

Complete bids follow:

E. A. Cornely	$2060
F. W. Snook	2097
M. J. Reeves Heating Co.	2498
Schuster & Hudson, Oakland	2640
James A. Nelson	2647
Turner & Co.	2733

BIDS OPENED

SAN FRANCISCO —Patterson Bros. 2059 Webster St., Oakland, at $184.00 submitted low bid to Custodian, U. S. Marine Hospital, San Francisco, for repairing, cleaning and painting all plaster work in the two wash rooms on each floor of the Main building from the second to the sixth floors, inclusive, at the U. S. Marine Hospital, San Francisco. Complete bids follow:

Patterson Bros., Oakland	$184.00
Pacific Painting & Decorating Co., Oakland	199.00
J. G. Exley, San Francisco	235.00
R. P. Paoli, San Francisco	238.50

Bids held under advisement.

Planned.

HOSPITAL Cost, $100,000
SALEM, Ore. State Hospital Site.
State hospital building.
Owner—State of Oregon.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland, and Jones & Marsh, Woodlark Bldg., Portland.

Commissioned To Prepare Plans.

ADDITION Cost, $—
AUBURN, Placer County, Calif.
One-story reinforced concrete ward addition to county hospital (80-bed ward) composition roofing steel sash, steam heating system.
Owner—County of Placer.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

12— POWER PLANTS

CONTRACT AWARDED

MARE ISLAND, Calif. — American Electric Const. Co., 462 Bryant Street, San Francisco, at $3,797 awarded the contract by Navy Department for an electric power line from Crescent City to the U. S. Naval Direction Finder Station, Point St. George. Work includes poles, anchors, guys, cross arms, insulators, wires, transformers, underground cable cutouts, switches and lightning arresters, all installed complete and ready for service; Spec. No. 7919.

BIDS WANTED

SEATTLE, Wash.—Until June 8, 1 A. M., bids will be received by H. T. Condon, Secretary, University of Washington Board of Regents, 103 Henry Bldg., Seattle, for furnishing a steam-turbo-alternator condenser and auxiliaries, switch board and switch gear and bridge crane for the power house addition under construction at Seattle, upon deposit of $25.00.

Plans and specifications may be obtained from George H. Krueger, mechanical engineer, 403 Douglass Bldg., Seattle, upon depoist of $25.00.

BIDS WANTED

CAMARILLO, Ventura Co., Cal.—Until June 25, 2 P. M., bids will be received by the State Department of Public Works, Sacramento, for furnishing and installing water softeners in boiler plant building at the Camarillo State Hospital.

Specifications may be obtained from George B. McDougall, State Architect, Public Works Building, Sacramento, upon deposit of $10.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

SPECIAL ELECTION

CALIFORNIA — California legislature has called a special election for July 30 at which time it is proposed to vote bonds in the sum of $12,000,000 proceeds to be used to finance additions to state institutions and the purchase of a Southern California prison site.

Bids Wanted—To Close June 4, 10:00 A. M.

KITCHEN AND DINING ROOM Cost, $27(
ECHO LAKE, Eldorado Co., Cal.
Kitchen and dining room at Echo Lake (wood posts and studs, wood trusses and flooring, small amount of concrete work for footing shingle roof).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.

Plans and specifications may be obtained from the architect upon deposit of $5.

Revised Plans Approved by PWA.
AUDITORIUM Cost, $400,000
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in the balcony; 56-ft. stage, art gallery, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel roof trusses, hot air and steam heating system, and elevators)
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson, 304 Rowell Bldg., Fresno).
Structural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
New bids will be asked shortly.
On previous bid opening lowest bids were submitted by the following:
General Work: Dinwiddie Const. Co., Crocker Bldg., San Francisco, at $442,900.
Mechanical Work: Scott Co., 243 Minna St., San Francisco, $88,375.
Electrical Work: Wessell Electric Co. Rt. 2, Box 173, Fresno, $209,960.

CONTRACT AWARDED
RENO, Nev.—A. E. Kibble Roofing Co., Reno, at $461.70 awarded contract by City Council for laying new composition roof on the city hall at Reno. Other bidders were:
Reno Roof & Supply Co. $480.00
R. L. Seltzer 544.45

PREPARING SKETCHES
SANTA MARIA, Santa Barbara Co. Cal.—Architect L. N. Crawford, Jones Bldg., Santa Maria, is preparing preliminary sketches for a fire house to be built as an addition to the Santa Maria city hall. It will provide for three pieces of fire equipment, signal system, dormitory, recreation room and an office for the state highway patrol, concrete walls and floors, tile roof, stucco exterior, copper sheet metal, etc.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cont. Price, $5,378
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two - story frame and stucco model home (6 rooms, one bath) shingle roof, gas furnace, tile bath, hardwood floors, steel sash, etc.
Owner—Better Housing Campaign Committee.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Contractor—C. Elves Totten, 404 East Market St., Stockton.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
BAYWOOD PARK, San Mateo Co.
Two-story frame and stucco residence (7 rooms, 2 baths) shingle roof, gas hot air heating system, hardwood floors, tile baths, wood sash.
Owner and Builder—Lengfeld & Olund 220 Third Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Plumbing—J. W. Forsythe, San Mateo
Concrete—M. Camerotto, San Mateo.
Wood Sash—Pacific Mfg. Co., Santa Clara.
Lumber—San Mateo Planing Mill, San Mateo.
Hardware—Levy Bros., San Mateo.
Painting—A. Petterson, San Mateo.

Plans Being Figured—Bids Close June 4, 12 Noon.
RESIDENCE Cost, $——
SAN FRANCISCO. San Pablo St. Near Yerba Buena Ave.
Two-story frame and stucco residence (7 rooms and 2 baths), tile roof, gas hot air heating system, wood and steel sash, hardwood floors, tile baths, etc.
Owner—Mrs. H. B. King.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.
J. W. Barton, 36 Valley St., San Francisco, is figuring the plans.

Sub-Contracts Awarded.
RESIDENCE Cost $11,660
BERKELEY, Alameda Co., Cal. No. 1338 Hillcourt St.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, gas heating system, tile baths, wood sash, hardwood floors, electric refrigeration, etc.
Owner—W. W. Gilmour.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—S. C. MacDonald & Son, 2912 Deakin St., Berkeley.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Plumbing—Chas. Knight, Oakland.
Painting—J. A. Turgeon, 2059 Webster St., Oakland.
Heating—J. C. Owens, 1616 Carleton St., Berkeley.
Roofing — Western Roofing Co., 1250 24th St., Oakland.

Being Done By Day's Work.
RESIDENCE Cost, $4500
ORINDA, Contra Costa Co., Calif.
Two - story frame residence (shake roof, oak plank floors, tile baths, gas hot air heating system).
Owner—E. R. Taylor.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $13,000
SAN FRANCISCO. W Santa Rita 166 N Mesa Street.
Two-story and basement frame and stucco residence (6 rooms and 2 baths).
Owner—Dr. Chas. E. Streiss, 24 Sotelo Street, San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Contractor—F. L. McAfee, % Architect.

Plans Being Figured—Bids Close June 4th, 3 P. M.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Clayton St. near 17th.
One - story and basement frame and stucco residence (8 rooms, 2 baths) tile and composition roofing, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert Schroepfer, 681 Market Street.
A. F. Mattock, 212 Clara Street, is figuring the plans.

Bids Rejected—Plans Being Revised.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence.
Owner—Matthew Wahraftig.
Architects—H. A. Schary, 605 Market St. and W. I. Garren, 233 Post St., San Francisco.
New bids will be asked at a later date.

Sub-Contracts Awarded.
RESIDENCE Cost $——
LOS GATOS, Santa Clara Co., Calif. Oak Knoll Tract.
One-story frame and stucco residence
Owner—Mortimer C. Leventritt
Architect—Winfield Scott Wellington, 1525 Arch St., Berkeley.
Contractor—J. C. Monk, 45 Tait Ave., Los Gatos.
Roofing—Fed. Hayden, San Jose
Plumbing—Fred. Berryman and Son, Los Gatos.
Electric Wiring—Guss Gurell, Saratoga.
Sheet Metal—Fred. Berryman & Son, Los Gatos.
Concrete—A. Contardo & Co., Los Gatos.
Reinforcing Steel—San Jose Steel Co., San Jose.
Iron Grille Work—Helwig Iron Wks, San Jose.
Lumber—Minton Co., Mountain View
Hardware—A. W. Templeman, Los Gatos.
Lathing and Plastering—Farnham & Sanders, Los Gatos.

Plans Completed.
FACTORY Cost, $5000
OAKLAND, Alameda Co., Cal. Fifth and San Pablo Avenue.
One-story corrugated iron factory (corrugated iron walls and roof, concrete floors, steel sash, etc.)
Owner—Schmelz Manufacturing Co.
Architect—Williams & Wastell, 371 17th St., Oakland.

Construction To Start Shortly.
RESIDENCE Cost, $7000
SAN FRANCISCO. NW Pacheco and Magellan Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Bertha Hutcheons.
Architect — Wm. I Garren, 233 Post St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 2020 Waverly Street.
Two - story and basement frame and stucco residence.
Owner—Mrs. Heinrich Schmidt.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Plumbing—Wallace & Stump, 455 Hope St., Palo Alto.
Electric Wiring — H. Fendler, Menlo Park.
Heating—Stanford Sheet Metal Wks, Palo Alto.
Sheet Metal—E. L. Shiller, Palo Alto.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Progress Lumber Co., Redwood City.
Lumber — Merner Lumber Co., Palo Alto.
Painting—C. R. Worth, Palo Alto.
Lathing and Plastering—E. Gardner, Menlo Park.
Grading—Nels Johnson, Palo Alto.
Brick and Stone Work—C. Mitzapelli, Palo Alto.

Contract Awarded.
RESIDENCES Cost $4,000 each
SAN FRANCISCO. S Seneca, E Delano.
Two one-story and basement frame and stucco residences.
Owner—Clayton Johnson, 940 Geneva.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

Contract Awarded.
ALTERATIONS Cost, $1500
PIEDMONT, Alameda Co., Calif. 116 Pala Street.

Alterations to residence.
Owner—J. Fibush, 116 Park St., Piedmont.
Architect—Will G. Corlett, Bank of America Bldg., Oakland.
Contractor—S. J. Bertelsen, 30 Estrella, Piedmont.

Sub-Contracts Awarded.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—B. E. Batcheller.
Architect—Chester Treichel, 699 Cleveland St., Oakland.
Contractor—J. R. Armstrong, 1131 Fleet Road, Piedmont.
Lumber—Sunset Lbr. Co., 400 High St., Oakland.
Concrete—V. Dizillo, 1022 53rd St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,200
PALO ALTO, Santa Clara Co., Calif. 2165 Webster Street.
Two-story frame and stucco residence
Owner and Builder—Stedman & Stedman, 1818 Bryant St., Palo Alto.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Calif.
Two - story and basement frame and brick veneer residence (12 rooms, 4 baths) terra cotta shingle roofing, gas fired steam heating system, canvas walls, hardwood floors steel wood sash, tile baths, etc.
Owner—A. W. Carlson.
Architect—Williams and Wastell, 374 17th Street, Oakland.
Contractor—W. E. Lyons, 354 Hobart Street, Oakland.
Electric—Fred. Schmits, 428 Moss Avenue, Oakland.
Plumbing—J. A. Fazio, 402 Castro St., Oakland.
Brick—Herschel & Reinecke, 830 East 11th St., Oakland.

Plans Being Prepared.
FACTORY Cost, $5,000
OAKLAND, Alameda Co., Calif. Fifth and San Pablo Avenue.
One - story corrugated iron factory (corrugated iron walls and roof, concrete floors, steel sash, etc.)
Owner—Schmelz Manufacturing Co.
Architect—Williams and Wastell, 374 17th Street, Oakland.

Contract Awarded.
RESIDENCE Cost, $12,374
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story frame and stucco residence
Owner—Alfred K. Masters.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif.
One-story frame and stucco residence (five rooms).
Owner—D. W. Walsh, 445 E Arcade, Stockton.
Architect—Not Given.
Contractor—F. P. Dobson, 9150 West Harding St., Stockton.

Contract Awarded.
RESIDENCE Cost, $4,000
SACRAMENTO, Sacramento Co., Cal. 2920 36th Street.
One-story frame and stucco residence.
Owner—Mark Atkins.
Architect—Not Given.
Contractor—Millspaugh & Paul, 4001 U St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $——
SANTA CRUZ, Santa Cruz Co., Cal. Pastiempo Estate.
One - story wood frame residence (9 rooms, 4 baths) all wood construction, shingle roof, gas heating system, etc.)
Owner—Vincent K. Butler.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Palmer and Balsiger, 254 Branciforte, Santa Cruz.
Construction will start May 27.

Contract Awarded.
RESIDENCE Cost, $——
WOODLAND, Yolo Co., Calif.
Two-story and basement frame residence (New England Colonial type) 11 rooms, 4 baths.
Owner—C. Don Huff.
Architect—Otto Delchmann, 111 Sutter St., San Francisco.
Contractor—Arvid Cato Paasche, 68 Potomac St., San Fracisco.
Plumbing—Woodland Plbg. & Supply Co., Woodland.
Electric—Welders Elec. Shop, Woodland.
Lumber—Woodland Lumber and Diamond Match Co., Woodland.

Plans Being Prepared.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
One-story wood frame residence (10 rooms and 4 baths) Colonial style; shake roof, oil hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—J. K. Ballantine Jr., 137 Harlan St., San Francisco.

Bids In—Held Under Advisement.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two-story and basement frame and stucco residence.
Owner—Matthew Wahrhaftig.
Architects—H. A. Schary, 605 Market St. and W. I. Garren, 233 Post St., San Francisco.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $4,500
SAN FRANCISCO. Goettingen and Wayland Streets.
One - story and basement frame and stucco residence (five rooms) tile and composition roofing, gas not air heating system, hardwood floors, tile bath, wood sash, etc.
Owner—E. Lagger.
Architect—D. E. Jaekle, 126 Post St.
Contractor—E. Lombardi, 1217 Hollister Street.
Sub-bids will be taken within a few days.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. W Melba 294 S. Ocean Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Fernando Nelson & Sons, 2901 19th Avenue.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 2 Stonewall Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner—E. A. Sykes, Premises.
Architect—Not Given.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Cal. Lot 4 Blk 11, Grinnell Street.
Two-story frame and stucco residence
Owner and Builder—Lengfeld & Olund, 220 Third Ave., San Mateo.
Architect—Not Given.

Plans To Be Prepared.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Calif. Euclid Avenue.
Two-story frame and stucco residence.
Owner—Mr. Offord.
Architect — Michael Goodman, 2163 Center St., Berkeley.

Plans Completed.
RESIDENCES $10,000 to $13,000
SAN FRANCISCO. Twenty-fifth Ave. N Ocean Ave.
Six one-story ad basement frame and stucco residences.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Avenue.
Architect—Masten & Hurd, 233 Post Street.

Contract Awarded.
RESIDENCE Cost, $8,000
SAN FRANCISCO. Divisadero Street near Greenwich Street.
Two - story and basement frame and stucco residence (7 rooms and 1 bath).
Owner—J. H. Talbott, 1405 Greenwich Street.
Architect—Farr & Ward, 68 Post St.
Contractor—D. B. Gladstone, 557 Market Street.

Owner Taking Bids.
SUMMER HOUSES Cost, $4,500
GLENVIEW, near Santa Cruz, Calif.
One-story frame house (4 rooms and 1 bath) and one-story frame house (one large room with bunks and bath) shake roofs, pine floors, stone fireplaces, etc.
Owner—A. Koch, Miramar Nurseries, Highway and Central Ave., Los Altos.
Architect — Dole Ford Thomson, 179 Lincoln Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $12,284
MT. VIEW, Santa Clara Co., Calif. Grant Road near the Highway.
Two-story frame and siding residence (10 rooms, 3 baths) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths.
Owner—Shabuya Co., Ltd.
Architect — Dole Ford Thomson, 179 Lincoln Ave., Palo Alto.
Contractor—Ralph Knight, Mt. View.

Contract Awarded.
RESIDENCES Cost, $7000
SAN MATEO, San Mateo Co., Calif. Bayshore Blvd. (Lots 19 and 20 Blk. 7).
Two one-story frame residences.
Owner—George Cascinai.
Architect—Not Given.
Contractor—R. E. Broderick, 130 12th Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 15 Blk 14, Fairfax Avenue.
Two-story frame and stucco residence
Owner—A. J. Goldberg, 2516 Hale Drive, Burlingame.
Architect—Not Given.
Contractor—Gordon Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Cal. Lot 29 Blk. 47, Drake Street.
Two-story frame and stucco residence
Owner—E. G. Houchin.
Architect—Not Given.

Contractor—Aetna Constr. Co., 238 Arleta St., San Francisco.

Construction Postponed Indefinitely.
RESIDENCE Cost, $——
SAN FRANCISCO. Casa Way.
Two-story and basement frame and stucco residence (9 rooms and 3 baths); tile roof, hardwood floors, tile baths, etc.
Owner—W. C. Fox Jr.
Architect—Fred Reimers, 233 Post St., San Francisco.
On bid opening lowest bids was submitted by Moore and Roberts, 693 Mission St.

Contract Awarded.
RESIDENCE Cost, $14,500
PALO ALTO, Santa Clara Co., Calif. 40 Crescent Drive.
Two-story frame and stucco residence
Owner—Murad Saleeby, Palo Alto.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 36th Ave. 125 N Anza.
One - story and basement frame and stucco residence.
Owner and Builder — C. O. Blincoe, 2663 15th Avenue.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
SAN JOSE, Santa Clara Co., Calif. Vendome Tract.
One - story ad basement frame and stucco residence (6 rooms and 2 baths) Spanish style, tile roof, gas hot air heating system, electric refrigeration, hardwood floors tile baths, etc.
Owner—W. F. Runge.
Architect—W. E. Higgins, 19 North Second St., San Jose.
Contractor—E. C. Uelson, 173 South First St., San Jose.

Contract Awarded.
RESIDENCE Cost, $3,000
HALF MOON BAY, San Mateo Co., Calif. Spruce Street.
One-story frame residence.
Owner—Dick Sira.
Architect—Not Given.
Contractor—Cunha Bros., Half Moon Bay.

Contract Awarded.
RESIDENCE Cost, $3,665
BERKELEY, Alameda Co., Cal. Cragmont Addition.
One-story frame and stucco residence.
Owner—Wallace and Elizabeth Jane Kenbrook.
Architect—Shaw & McCool, 9 Geary St., San Francisco.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Lansdale Avenue, Sherwood Forest Tract.
Two - story and basement frame and stucco residence (ten rooms) tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Albert M. Vollmer.
Architect—Miller and Pflueger, 580 Market Street.
Contractor—G. P. W. Jensen, 320 Market Street.

Contract Awarded.
RESIDENCE Cost, $3,500
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story frame residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contractor — E. Campomenosi, 6101 Broadway Terrace, Oakland

Contract Awarded.
RESIDENCE Cost, $15,000
FAIRFAX, Marin Co., Calif.
Two - story frame, stucco and brick veneer residence (shingle roof, gas heating system, etc.
Owner—Richard Murphy.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—J. Dawson, 1507 Lincoln St., Berkeley.

Sub-Bids Being Taken.
RESIDENCE Cost, $14,000
SAN MATEO, San Mateo Co., Cal. W Santa Inez Street.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—Oscar Cavanaugh 432 Occidental Ave., San Mateo.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E 15th Ave. 200 S Vicente Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Morris, 1310 Turk.
Architect—C. O. Clausen, 746 46th Avenue.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2139 Lake Street.
Alterations to frame residence.
Owner—S. A. Melbostad, 1143 Shrader.
Architect—Not Given.
Contractor—Unit Const. Co., 557 Market Street.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Cal. Palm Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Hugo Hultberg, 29 San Mateo Drive, San Mateo.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Cal. Palm Avenue.
One-story and basement frame and stucco residence.
Owner—T. Figni.
Architect—Not Given.
Contractor—Hugo Hultberg, 29 San Mateo Drive, San Mateo.

15— SCHOOLS

Bids Wanted—To Close June 11.
SCHOOL Cost, $53,000
ARROYO GRANDE, San Luis Obispo County, Calif.
One-story frame and stucco grammar school (8 classrooms) terra cotta tile roof, reversible windows, hot air heating system, drinking fountains, etc.
Owner — Arroyo Grande Elementary School District.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Bids Wanted—To Close June 6, 10 A. M.
SCHOOL Cost, $55,000
MONMOUTH, Ore. Campus of Oregon State Normal School.
One-story health and physical education building (brick exterior walls, mill construction, large pavilion, locker and shower rooms, boxing room, corrective room, hand ball courts, etc.
Owner—State of Oregon.
Architect—John V. Bennes, 712 Lewis Bldg., Portland
Plans and specifications may be obtained from the architect upon deposit of $20.00.

BOND ELECTION
TRUCKEE, Nevada Co., Cal.—Truckee School District will vote June 7 on a proposal to issue bonds in the amount of $22,000, proceeds to finance construction of a new grammar school in Truckee.
Preliminary plans have been prepared by Architects Masten & Hurd, 233 Post St., San Francisco. Application has been filed with the PWA for a grant of $9000.

Roofing and Sheet Metal Bids Wanted —To Close June 10th, 8 P. M.
SCHOOL Cost, $35,000
GRIDLEY, Butte Co., Calif.
Replace McKinley Primary School with one - story frame and stucco building (8 rooms) concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BOND ELECTION
TRUCKEE, Nevada Co., Cal.—Meadow Lake Union High School District will vote on June 11 on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a one-story frame and stucco high school building with composition roof, wood sash, steam heating system, etc., to contain three classrooms, commercial room, typing room, laboratory and mechanical drawing room.
Preliminary plans have been prepared by Architect W. E. Coffman, Forum Bldg., Sacramento.

LOW BIDDER
LOS ANGELES, Cal.—Wm. J. Shirley, 1724 S. Vermont Ave., submitted low bid to Los Angeles board of education at $74,563, for two one-story, frame and stucco school buildings to be built at the Santa Barbara Avenue school, 3990 S Western Ave. Walker & Eisen, 437 S Hill St., architects.

Contract Awarded.
ALTERATIONS Cost, $12,000
SAN FRANCISCO. SW 26th and Folsom Streets.
Alterations to school building.
Owner — Cogswell Polytechnical College, Premises.
Engineer—H. C. Vensano, 251 Kearny St., San Francisco.
Contractor—H. C. Vensano & Co., 251 Kearny St., San Francisco.

LOW BIDDER
LOS ANGELES, Cal.—J. & B. Construction Co., 5572 Valley Blvd., submitted low bid to Los Angeles board of education at $40,629 for reconstruction, rehabilitation and strengthening the 3-story, Class D brick building at the Malabar Street school, 3200 Malabar St. Frederick Scholer, 811 W 7th St., architect; Ernest Seiler, 112 N Main St., structural engineer.

BIDS WANTED
AVALON, Cal.—Until June 14, 4:00 P. M., bids will be received by the Long Beach Board of Education for repairing and strengthening the Avalon Elementary and High School Classroom Buildings, located in Avalon, Catalina Island. Plans and specifications may be obtained from the business manager of the Board, 25th St. and Chestnut Ave., Long

Beach, upon deposit of $25. Harold C. Wildman, 3710 Lime Ave., Long Beach, architect.

BIDS WANTED

ANAHEIM, Orange Co., Cal.—Until July 2, 8 P. M., bids will be received by Anaheim Union High School District for construction of a new two-story concrete main building at the Anaheim high school. It will contain an administration unit, library, study hall, auditorium and 15 classrooms. Cost, $350,000. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

Plans Approved.

ALTERATIONS Cost, $23,515
BERKELEY, Alameda County, Calif. Claremont bet. Ashby and Webster Srteet.
Alterations and strengthening of the South wing of John Muir School.
Owner—Berkeley School District.
Consulting Architect — Eldridge Spencer, Spreckels Bldg., San Francisco.
Engineer—Thos. Chace, Claus Spreckels Bldg., San Francisco.
Final plans have been approved by the State Division of Architecture.

Plans To Be Prepared.

GYMNASIUM Cost, $——
SAN LUIS OBISPO, Cal. High School Campus.
New high school gymnasium.
Owner—San Luis Obispo School Dist.
Architect—Louis Crawford, Santa Maria.

Preparing Plans.

ADDITION Cost, $20,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete addition to high school building (add four classrooms).
Owner—Santa Rosa Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Labor will probably be furnished by the SERA and materials purchased by the school district.

Plans Completed.

ALTERATIONS Cost, $3,500
BERKELEY, Alameda Co., Cal. Sacramento and Rose Streets.
Alterations and strengthening of Jefferson School auditorium.
Owner—Berkeley School District.
Consulting Architect — Eldridge Spencer, Spreckels Bldg., San Francisco.
Engineer—Thos. Chace, Claus Spreckels Bldg., San Francisco.
Plans will be forwarded to State Division of Architecture for approval immediately.

Plans Completed.

ALTERATIONS Cost, $8,500
BERKELEY, Alameda Co., Calif.
Alterations and strengthening of the auditorium and gymnasium at the Willard Junior High School.
Owner—Berkeley School District.
Consulting Architect — Eldridge Spencer, Spreckels Bldg., San Francisco.
Engineer—Thos. Chace, Claus Spreckels Bldg., San Francisco.
Plans will be forwarded to State Division of Architecture for approval immediately.

Contract Awarded.

ALTERATIONS Cont. Price, $2,978.60
LOS ALTOS, Santa Clara Co., Calif.
Alterations to grammar school.
Owner—Los Altos School District (M. C. Thiltgen, Secretary).
Architect — Dole Ford Thomson, 179 Lincoln Ave., Palo Alto.
Contractor—Neil Darrah, 570 Church St., Mt. View.
Contract awarded omitting painting, septic tank, finish hardware and toilet stall doors.

Bids Rejected.

REPAIR SCHOOL Cost, $——
SAN FRANCISCO, Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market Street.
On bid opening lowest bid was submitted by H. L. Petersen, 731 Treat Ave., at $140,382.
Complete bids published May 23.

Lumber Contract Awarded.

ADDITION Cost, $5,090
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort stations, steam rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Rm. 205, 2068 Allston Way, Berkeley.
Lumber—Diamond Match Co., Chico, $1,324.87.
Other material bids will be asked in about thirty days.

BIDS REJECTED

BERKELEY, Alameda Co., Calif.—Berkeley School District rejected all bids for furnishing materials for electric clocks and signal device equipment for the Thousand Oaks School, located on Tacoma and Colusa Sts., Berkeley.

BIDS WANTED

VAN NUYS, Los Angeles Co., Cal.—Until June 14, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for a two-story, 38-room Class A reinforced concrete school building to be built at the Van Nuys High School, 6535 Cedros Ave., Van Nuys District. Allison & Allison, 1014 Edison Bldg., Architect.

BOND ELECTION

LINDEN, San Joaquin Co., Cal.—Linden High School District will vote June 18 on a proposal to issue bonds in the amount of $16,000, proceeds to finance construction of a one - story and basement frame and stucco gymnasium, 86x125 ft., with steel trusses. Application has been filed with PWA for $7,000 to assist financing.
Preliminary plans prepared by Architect Glen Allen, 412 E. Minter Ave., Stockton.

LOW BIDDER

LOS ANGELES, Cal. — Bannister-Field and Fred E. Potts Co., 4101 Goodwin Ave., submitted low bid to Los Angeles Board of Education at $80,608 for reconstruction, rehabilitation and strengthening of the administration building at the South Gate High School, 3351 Firestone Blvd., South Gate. Edgar H. Cline, 543 N. Wilcox Ave., Architect, and Ralph A. DeLine, 1144 S. Grand Ave., Structural Engineer.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until June 13, 8 P. M., bids will be received by W. H. Eddy, Clerk, San Mateo Union High School District, for lath and plastering, painting and decorating required in the reconstruction work to the main building of the San Mateo High School. Harold B. Hammill, 381 Bush St., San Francisco, is structural engineer.
Plans and specifications may be obtained from the Clerk upon deposit of $20.00.

16— BANKS, STORES AND OFFICES

Contract Awarded.

STORE & APTS. Cont. Price, $15,900
CARMEL, Monterey Co., Calif. NE Ocean and San Carlos Sts.
Two-story frame and stucco store and apartment building (Spanish style) tile roof, etc.
Owner—Mrs. Mary A. Gould.
Architect—Guy Koepp, Carmel.
Contractor—M. J. Murphy, Carmel.

To Be Done By Day's Work.

OFFICE, WAREHOUSE, ETC. Cost, $5000
SAN MATEO, San Mateo Co., Calif. Bayshore Blvd.
One-story frame office and warehouse building.
Owner—McElroy-Cheim Lumber Co., Vista Ave. and El Camino Real, Palo Alto.
Plans by Engineering Dept. of Owner.

Preparing Working Drawings.

ALTERATIONS Cost, $15,000
SAN FRANCISCO. NE Eddy and Jones Streets.
Alterations to one-story Class C building (modernize exterior and interior, painting, plumbing, plastering, wiring, etc.)
Owner—Withheld.
Architect—D. D. Stone, 110 Sutter St., San Francsico.
Bids will be asked in about 30 days.

Contract Awarded.

ALTERATIONS Cost, $——
SAN ANSELMO, Marin Co., Calif.
Alterations to garage (offices, etc.) plate glass display windows, etc.
Owner—Henry Schlosser Company.
Architect — Carl Gromme, Masonic Bldg., San Rafael.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.
Work has started.

Bids Being Taken—To Close June 5, 5 P. M.

ALTERATIONS Cost, $40,000
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed; new store fronts, new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan. 603 Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Bids will be opened at the Architect's office.
Following will submit bids:
K. E. Parker Co., 135 South Park, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Guy M. Latta, 157 Rhodes Court, San Jose.
Megna & Newell, 838 Minnesota Ave., San Jose.
Henry Bridges, 1398 Lincoln Ave., San Jose.
William Caldwell, 1241 Hedding St., San Jose.

FIRE LOSS

OROVILLE, Butte Co., Cal.—Fire destroyed the New Way Market on upper Myers Street, Oroville, April 26. Damage estimated at $10,000. George Taber, Oroville, is one of the proprietors.

Contracts Awarded.

ADDITIONS Cost, $——
NAPA, Napa Co., Cal. 1116 First St.
Alterations and additions to department store (new lighting system,

painting, decorating, linoleum floor covering, pneumatic tube system, display cases, etc.)
Owner—Albert's Department Store, (Harry Gross, Prop.) 1116 1st St., Napa.
Plans by B. R. Paradise, 834 South Plymouth, Los Angeles.
Contractor—Ed. Arnitz, 1122 Second St., Napa.
Decorating — Tony Heinsberger, care owner.

Contract Awarded.
STORE Cost, $1,500
OAKLAND, Alameda Co., Calif. 7583 Foothill Blvd.
One-story frame store building.
Owner—Henry Henrichs, 2748 75th Ave., Oakland.
Architect—Not Given.
Contractor—John Erickson, 1108 Central Ave., Alameda.

Commissioned To Prepare Plans.
OFFICE & SALES ROOM Cost, $——
PASO ROBLES, San Luis Obispo Co., Calif.
One-story and basement office and sales room (26x60 ft.) to contain office, sales room and shop building) concrete floors, composition roof, gas furnace, insulation materials, etc.
Owner—Santa Maria Gas Company.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.

NEW BIDS WANTED — TO CLOSE JUNE 6, 9 P. M.
OAKLAND, Alameda Co., Cal.—Until June 6, 9 P. M., bids will be received by City Council, Oakland, for structural steel fram over arena area of the auditorium, including furnishing and fabricating 16 new steel wire ropes and connection fixtures required for strengthening of the building, on previous bid opening lowest bid on structural steel was submitted by the Pacific Coast Steel Co., San Francisco, at $9000 and low bidder on wire ropes was the Gilson Electric Supply Co., Oakland, at $2400.

Air Conditioning Contract Awarded.
ALTERATIONS Cost, $——
FRESNO, Fresno Co., Cal. Fulton and Fresno Streets.
Alterations to Mattei Bldg. (work includes air conditioning system to all offices; re-painting corridors; elevator alterations, new elevator front; steam cleaning; new corridor lighting system; cork and tile elevator mats, etc.)
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Capital Co., 625 Market St., San Francisco.
Air Conditioning System—Gay Engineering Co., 2650 Santa Fe Ave., Los Angeles.
Bids on exterior and interior painting, cork tile elevator mats, lighting fixtures, etc., will be taken at a later date.

Sub-Contracts Awarded.
BANK AND STORE Cost, $100,000
SAN FRANCISCO, West Portal Dist.
One-story and mezzanine floor bank and store building (bank to be Class B reinforced concrete construction and store Class C reinforced concrete construction); composition roofing, cement and marble floors, steel sash, gas hot air heating system, etc.
Owner—San Francisco Bank.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Cahill Bros., 206 Sansome Street, awarded the reinforcing steel contract to Gunn, Carle & Co., 20 Potrero Ave., and the lumber contract to Loop Lumber Co., Central Basin in connection with their portion of the work.
As previously reported, marble awarded to Eisele & Dondero, 2895 3rd St., San Francisco; electric to Chas. A. Langlais, 472 Tehama St., San Francisco; heating to Scott Co., 243 Minna St., San Francisco; tile work to Malott & Peterson, 20th and Harrison Sts.; bronze and ornamental iron to McNeill & Steinberg Mfg. 866 Mission St.; roofing and waterproofing to J. W. Bender Roofing Co., 18th and Bryant Sts; rough and finish carpenter, miscellaneous iron, concrete, reinforcing steel and excavation awarded to Cahill Bros., 206 Sansome St.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,500
SAN JOSE, Santa Clara Co., Calif. 1475 South First Street.
Alterations to store building.
Owner—M. Bozo, premises.
Architect—Not Given.

18—WHARVES & DOCKS

BIDS OPENED
OAKLAND, Cal.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at $54,845 submitted low bid to City of Oakland Port Commission for rebuilding the Seventh Street Unit at Outer Harbor Terminal, Oakland.
Work involves:
(1) per 1000 ft. FBM untreated timber
(2) per 1000 ft. FBM plain do;
(3) driving creosoted piles, each;
(4) furnishing and placing bolts, washers, etc., per lb.
Complete bids follow:

Ben C. Gerwick, Inc., S. F.		$54,845.00
	(1)	24.00
	(2)	34.00
	(3)	12.00
	(4)	.08
Duncanson Harrelson, S. F.		$59,258.00
	(1)	25.50
	(2)	40.00
	(3)	20.00
	(4)	.04
Clinton Const. Co., S. F.		$62,300.00
	(1)	24.00
	(2)	80.00
	(3)	20.00
	(4)	.07
Healy - Tibbitts, S. F.		$65,000.00
	(1)	25.00
	(2)	80.00
	(3)	8.00
	(4)	.04
Merritt, Chapman and Scott, San Francisco		$66,863.00
	(1)	25.00
	(2)	30.00
	(3)	10.00
	(4)	.08
Lindgren & Swinerton, Oakland		$66,958.00
	(1)	24.00
	(2)	115.00
	(3)	28.70
	(4)	.07
M. B. McGowan, S. F.		$67,825.00
	(1)	31.00
	(2)	23.00
	(3)	19.00
	(4)	.07
A. W. Kitchen Co., S. F.		$68,348.00
	(1)	24.40
	(2)	31.60
	(3)	13.30
	(4)	.043

Three low bids referred to the Port Director for award.

BIDS WANTED
SAN DIEGO, Cal.—Until June 18, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, foot of Broadway San Diego, under Spec. No. 7938, for repairs to ways of Marine Railway at the Naval Operating Base (Destroyer Base) San Diego.
Work includes removal of old under-water timber chain guides and slides of the ways of the marine railway; provision of materials for and the replacing with new creosoted timber chain guides and slides between bents Nos. 18 - 67, inclusive. There are in general two lines of chain guides and slides each approximately 490 ft. long and consisting of four 3x12-in. timber plank sides and four 3x4-in. timber guides doweled to four cross cleats in each 20-ft. long section. The new timber slide and guide sections shall be secured to the present timber supporting structure, using hardwood dowels.
Plans and specifications obtainable from the above office upon deposit of $10.00.

19—MISC. CONSTRUCTION

Plans Being Completed.
TOLL HOUSE, ETC. Cast, $——
OAKLAND, Alameda Co., Cal. San Francisco-Oakland Bay Bridge.
Toll house and business and operations building for bridge (steel, masonry and concrete construction).
Owner—State of California.
Plans by Engineering Department of San Francisco-Oakland Bay Bridge Office, 500 Sansome St., S. F.
Bids will be asked in about 30 days

PLANNED
PASADENA, Cal.—Santa Fe railway this week requested Pasadena city directors to change the boundaries of fire district No. 5 to permit the company to build a frame and stucco structure on the new Del Mar Street depot site in Pasadena. The building will replace the old depot at Green St. and Raymond Ave.

To Be Done By Day's Work.
REHABILITATE BLDGS. Cost $11,000
OAKLAND, Alameda Co., Calif. 7th Street Unit, Outer Harbor.
Rehabilitate nine buildings (work involves painting interior and exterior of buildings, corrguated iron work, reconditioning of windows, locks and doors, sheet metal to be replaced, new downspouts, etc.)
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner. SERA will furnish labor.

BIDS WANTED
SACRAMENTO, Cal.—Until June 4, 3 P. M., bids will be received by the U. S. Engineer Office, Captain J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 7297, for drydocking, painting and repairing the U. S. Engineer Department Oil Barge "E."
Specifications obtainable from the above office.

Preparing Working Drawings.
ORPHANAGE Cost, $60,000
SAN FRANCISCO, Sunnydale and Hahn Streets.
Group of eight buildings for orphanage (frame construction) dormitories, administration building, power plant, etc.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Bids will be asked in about 30 days.

BIDS OPENED
SACRAMENTO, Cal. — American Signal Corporation, Milwaukee, Wisconsin, at $19,800 submitted only bid to State Department of Public Works, Sacramento, for furnishing and installing electrical roll call and page call systems in the Assembly Chamber, California State Capitol, Sacramento.

BIDS WANTED

PORTLAND, Ore.—Until June 25, 3 P. M., bids will be received by the U. S. Engineer Office, 306 Customhouse, Portland, under Bid No. 698-35-629, for constructing and delivering afloat at Government Moorings, No. 8010 NW St. Helens Road, Portland, one single screw Diesel electric driven survey boat.

Plans and specifications obtainable from the above office upon deposit of $100.

BIDS OPENED

ALCATRAZ, Cal.—Duncanson-Harrelson Co., deYoung Bldg., San Francisco, at $1,574 (Item 1) and $1,832 (Item 2) submitted low bid to Warden, U. S. Penitentiary, Alcatraz, for repairs to wharf, furnishing and placing rip-rap and aggregate at Alcatraz.

(1) repairs to wharf include pile driving;
(2) do additional pile driving;
(3) furnishing and placing 300 pieces of rip-rap;
(4a) furnishing 200 tons fine aggregate
(4b) do 200 tons coarse aggregate.

Complete bids follow:

Duncanson - Harrelson Co.	(1)	$1,574
	(2)	1,832
per ton	(3)	3.75
per ton	(4a)	1.75
per ton	(4b)	1.75
		60 days
A. W. Kitchen Company	(1)	$1,632
	(2)	1,927
	(3)	1,152
	(4a)	355
	(4b)	355
		120 days
Healy-Tibbitts Const. Co.	(1)	$1,680
	(2)	1,880
	(3)	1,100
	(4a)	350
	(4b)	400
		90 days
*M. B. McGowan	(1)	$1,836
	(2)	2,034
	(3)	1,147
	(4a)	356
	(4b)	356
Hutchinson Co., Oakland	(1)	$2,454
	(2)	2,895
	(3)	1,050
	(4a)	290
	(4b)	290
		30 days

*All or none.

Plans Awaiting Approval.

NATATORIUM Cost, $75,000

HAYWARD, Alameda Co., Cal. Hayward Memorial Park.

Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.); tile scum gutter.

Owner—City of Hayward.

Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.

Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.

Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.

Plans have been sent to the PWA office for approval, and bids will be asked shortly.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

WASHINGTON, D. C. — Pacific Coast Steel Corp., 20th and Illinois Sts., San Francisco, at $24,557 awarded contract by the Bureau of Reclamation, for furnishing approximately 250 tons of steel sheet piling for Rye Patch Dam, Humboldt Project, Nevada, and approximately 142 tons of steel sheet piling for the Ogden River Project, Utah. Bid No. 20383-A.

BIDS OPENED

OAKLAND, Cal.—Identical bids at $5986 for furnishing 2000 bbls. of Portland cement, high early strength, were received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 522, from the following:

Central Building Material Co., Oakland.
Contra Costa Building Materials Co., Berkeley.
Henry Cowell Lime & Cement Co., Oakland.
Chas. S. Hughes Co., Berkeley.
Melrose Building Materials Co., Oakland.
Powell Bros., Alameda.
Rhodes & Kennedy, Inc., Oakland.
Rhodes & Jamieson, Ltd., Oakland.
Transit Concrete, Ltd., Oakland.

CONTRACT AWARDED

EUREKA, Humboldt Co., Calif. — American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at $0.653 per foot, total $4,571 submitted low bid and awarded contract by the Eureka City Council May 21 for furnishing 7,000 ft. of 6-in. cast iron pipe for the water department.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following bids received by Berkeley City Council for furnishing 1,000 tons of emulsified asphalt road oil:

American Bitumuls Co., 4525 San Leandro, Oakland: AE-2 for L, $13.12 per ton; 90-95-80 emulsified, $13.12 per ton; AE-10 for LX, $14.32 per ton; 90-95 plus road oil, 50%, $13.12 per ton.

Shell Oil Co.: AE-10 for LX, $14.32 per ton; 90-95 plus road oil, 50%, $13.12 per ton.

Union Oil Co.: 90-95-80 emulsified, $13.12 per ton.

Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—Vernon Foundry Co., Hollydale, Calif., at $10,149.74 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal L.S. 146, for furnishing 2913 cast iron bell and spigot water pipe fittings in sizes 4- to 20-in.

CONTRACTS AWARDED

SANTA CRUZ, Cal.—Henry Cowell Lime & Cement Co., 2 Market St., San Francisco, at $446 for 700 bags of cement, and the Central Supply Co., 1 Division St., at $338 for 130 cu. yds. of rock and at $107 for 65 cu. yds. of sand, awarded contracts by the Santa Cruz City Council for furnishing materials for the paving of the Ocean St. pipe line ditches.

The Cowell Co. bid $481 for furnishing the cement in cloth sacks. Central Supply Co. bid $507 for the cement.

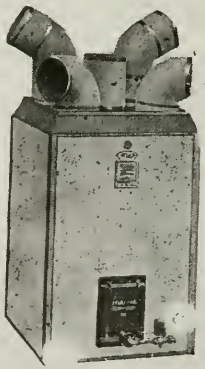
New Amsterdam Casualty Company

COMPENSATION GENERAL LIABILITY PLATE GLASS
ACCIDENT AND HEALTH FIDELITY AND SURETY
BURGLARY AUTOMOBILE INSURANCE

Branch Office Pacific Coast Department

Walter W. Derr, Resident Vice-President and Manager
Montgomery Street - San Francisco

Atlas Economy Gas Fuel Circulating System of Warm Air Heating



The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.

The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.

The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET - 1451 32nd STREET
SAN FRANCISCO OAKLAND
Phone DOuglas 0377 Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until June 12, 8 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, for furnishing materials for use during the year ending June 30, 1936, as follows:

L. S. 148—Emulsified asphalt.

PROPOSAL 628—Aluminum sulphate.

PROPOSAL 626—Oxygen gas and dissolved acetylene gas.

PROPOSAL 625—Quick lime and hydrated lime.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until June 4, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Proposal No L.S. 150, for furnishing an electric switchboard for the general office building.

Specifications obtainable from the above office.

OAKLAND CITY

OAKLAND, Cal.—Until June 6, bet. 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing the following materials for use during the fiscal year ending June 30, 1936:

Road Oil..
Stone.
Sand.
Stone Chips.
Quarry Waste.
Emulsified Road Oil.
Road Oil (Hoenig).
Lubricating Oil .
White Paint.
Street Brooms.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until June 6, bet. 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing one 3-wheel road roller and three automobiles (1 sedan and 2 coupes).

Specifications obtainable from the above office.

OAKLAND, Cal.—Until June 6, between 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for furnishing standard steel grading and frames, H-beams and curb angle bars for catchbasins for the Street Dept.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER CANYON, Nev. — Until June 18, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 689-D, for furnishing and delivering f.o.b. cars at the shipping point or at Boulder City, at the option of the bidder, two gages for indicating the water levels in the forebay and tailrace and one gage for indicating and recording water levels in the river at the gaging station for installation in the Boulder Power Plant. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders, to others, 50c not returnable.

BOULDER CITY, Nev.—Until June 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 688-D, for furnishing and delivering fob cars at the shipping point or at Boulder City, at the option of the bidder, two sets of oil storage tanks with platforms, ladders, handrails and appurtenances for the Boulder Power Plant. The tanks will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.75, not returnable.

ODAIR, Wash.—Until June 14, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 690-D, for furnishing and delivering fob cars at the shipping point and/or Odair, Washington, structural steel roof trusses for the garage and fire station at the Government camp at Grand Coulee Dam, Columbia Basin Project. The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.50 not returnable.

MET. WATER DISTRICT

LOS ANGELES, Cal.—S. A. Joseph, Purchasing Agent of the Metropolitan Water Distric, 306 West Third St., Los Angeles, has announced that he wishes to assemble a mailing list of individuals and firms which may be interested in bidding on and in the purchase of salvage materials and equipment now owned by the district or which may become available from time to time during the progress of construction work being done by district forces. The equipment and material includes practically every kind of machinery, tools, pipe, and miscellaneous equipment. Those wishing to be placed on the mailing lists are advised to send their names and addresses, together with the class of material or equipment in which they are interested, to S. A. Joseph, Room 504, Metropolitan Water District Bldg. 306 West Third St., Los Angeles.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

TUBES, approximately 12,000 steel boiler; Mare Island and Puget Sound. Sch. 5152; June 7.

CRUCIBLES without covers: 48, Mare Island; 25, San Diego. Sch. 5149; June 7.

PIPE and tubing, brass and copper; East and West Yards. Sch. 5147; June 7.

PIPE, iron and steel, and steel tubing; East and West Yards. Sch. 5145; June 7.

STEEL, corrosion - resisting, strips; East and West Yards. Sch. 5135; June 7.

ELECTRODES, welding; East & West Yards. Sch. 5094; June 7.

ELECTRODES, welding, iron & steel, 10,000 pounds and 1,200 pounds steel welding electrodes; Mare Island. Sch. 5173; June 7.

PAPER, templet, 18 rolls; Mare Island. Sch. 5174; June 7.

SPRINGS, helical, 17,000; Mare Island. Sch. 5162; June 7.

TUBES, condenser, admiralty metal, 70,000 lbs.; Western Yards. Sch. 5161; June 7.

INSULATING material; East & West Yards. Sch. 5153; June 7.

METAL, galvanized steel expanded, 4,000 lbs.; Mare Island. Sch. 5177; June 7.

STEEL, shapes, medium, black; East and West Yards. Sch. 900-9426; June 7.

EXTINGUISHERS, fire, carbon-dioxide and carbon-tetrachloride; East and West Yards. Sch. 5163; June 7.

BRASS, naval, bar, 15,000 lbs.; Mare Island. Sch. 5204; June 11.

SOLDER, 400 lbs., tin-lead wire solder Mare Island. Sch. 5207; June 11.

TRUCKS, motor; East & West Yards. Sch. 5189; June 11.

MERCURIC-OXIDE, 12,000 lbs. dry; Mare Island. Sch. 5231; June 11.

FANS, electric ventilating, & spares, 40; Mare Island. Sch. 5164; July 12.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

JUNE 3, 2 P. M.

BID NO. 2537: 1,000 ground rods, 1-in. x 5-ft, copperweld, without copper wires;

BID NO. 2538: 5,000 2-bolt clamps, for ¼- ⅛- or ⅜-in. guy strand;

BID NO. 2370: 200 2-cell focusing type flashlights, 400-ft. range;

BID NO. 2558: (1) 5,000 ft. solid copper wire, No. 14 B&S; (2) 10,000 ft. ⅛-in. guy strand;

BID NO. 2556: (1) 100 telephone switches; (2) 100 lightning arresters; (3) 100 vacuum lightning, single pole, arresters; (4) 1,000 wood brackets, creosoted; (5) 100 ground clamps, ⅝- to 2-in.; (6) 1,000 strain insulators; (7) 50 pounds solder;

BID NO. 2557: 3,000 ft. passing link chain, 2-0 type.

All bids for delivery fob bidder's shipping point and/or Government Island, unless otherwise specified.

Specifications obtainable from above office.

NEVADA STATE

FALLON, Nevada—Until June 10, 11 A. M., bids will be received by the Churchill County Board of County Commissioners, at the telephone office, Fallon, for furnishing one assorted carload of butt treated Class C Cedar poles.

Specifications obtainable from above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until June 10, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1372, for furnishing hardware and castings for the item: July 1, 1935, to December 31, 1935.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excave.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Walls
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

LOS ANGELES, Cal.—Until June 12 10 A. M., bids will be received by the Los Angeles board of public works, City Hall, for the construction of work trestle extension over north outfall sewer, Section No. 1, ocean outfall at the Hyperion sewage treatment plant(cash contract).

The bids will be taken as follows:

(1a) construcion of 480 l.f. of creosoted wooden pile bent trestle with all required appurtenances complete in accordance with Plan No. D-3831, lump sum;

(1b) per 2-pile bent for bents No. 99 and No. 100, including bracing, rails, superstructure and appurtenances complete:

(a) 8-ft. span;

(b) 16-ft. span.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until June 11, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Eureka, for the construction of a bridge over the Eel River, near the mouth of the Van Duzen.

Specifications obtainable from County Engineer Frank Kelly.

BIDS OPENED

CHELAN COUNTY, Wash.— Elliott & Co., Inc., 2155 Northlake, Seattle, at $39,060 submitted low bid to L. V. Murrow, Director of Highways, Olympia, May 21, for the construction of a bridge 263.16 ft. long over the Wenatchee River in Tumwater Canyon, Section 1; and a steel girder bridge 145 ft. long over Chiwaukum Creek in Tumwater Canyon, Section 2, on State Road No. 15, in Chelan County.

The other bids were:

Warren Northwest, Inc., Portland	$47,890
Puget Const. Co., Seattle	48,074
John Arrington, Seattle	48,655
Butler Const. Co., Seattle	49,105
Sheble Const. Co., Seattle	49,543
Lidral Const. Co., Seattle	51,415
MacRae Bros., Seattle	51,866

Bids held under advisement.

BIDS WANTED

UNION COUNTY, Oregon — Until June 6, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for the construction of an undercrossing of the O-W.R.R. & N. Co. railway in La Grande, on the La Grande Undercrossing Section of Wallowa Lake Highway, U.S.P.W. Project NRM 50-B.

Work includes grading and paving of approaches thereto, and will involve approximately 25,000 cu. yds. excavation; 2800 cu. yds. concrete in undercrossing structure and roadway pavement; 88,000 lbs. structural steel; 169,000 lbs. metal reinforcement; 2000 lin. ft. concrete handrail; 950 sq. yds. concrete sidewalk; 850 lin. ft. concrete curb; and 700 cu. yds. crushed rock surfacing materials.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif. — Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $91,119.95 was awarded contract by the State Highway Commission, Sacramento, for the construction of a bridge across Tujunga Wash on San Fernando Road between Truesdale Ave. and Wentworth St., consisting of nine 45-ft. concrete spans on concrete piers and approximately 197 feet of timber trestle on pile bents.

BIDS OPENED

GOVERNMENT ISLAND, Calif.— Following bids received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2495, for furnishing one 75-ft. standard through truss span, including all structural steel bolts for field connections, etc., for the Big Chico Creek Bridge:

Judson-Pacific Co., fob S. F.	$1,245
Pacific Coast Steel, fob S. F.	1,250
Golden Gate Iron W'ks fob S. F.	1,285
Herrick Iron Works, Oakland	1,298
Moore Dry Dock Co., fob Oakland	1,334
Western Iron Works, fob S. F.	1,360
Schrader Iron W'ks, S. F.	1,488

Bids held under advisement.

BIDS WANTED

PLACER CO., Cal.—Until June 3, 10 A. M., bids will be received by the Placer County Board of Supervisors, A. S. Fleming, County Clerk, Auburn, for furnishing and erecting a 93-ft. 6-in. steel span bridge with 18-foot roadway, on present foundations or on steel H piles, at a site adjacent to the Thomas and Glenn ranches about four miles northeast of Lincoln, Placer County, Bridge No. 3, Road No. 37, at Doty's Ravine.

Plans and specifications obtainable from the above office or from W. E. Emmett, 901 Russ Bldg., San Francisco, at a charge of $1.

BIDS OPENED

ALAMEDA COUNTY, Cal.—A. Soda & Son, 1077 65th St., Oakland, at $71-620.47 submitted low bid to the Alameda County Board of Supervisors, Court House, Oakland, for the completion of the approaches to the Park Street Bridge.

Bids were taken as follows:

(1) 1200 cu. yds. embankment;
(2) 2870 cu. yds. structural excav.;
(3) 660 ft. creosoted timber piles;
(4) 64,000 sq. ft. 6-in. waterbound macadam base;
(5) 62,000 sq. ft. 6-in. two-course asphalt concrete;
(6) 1490 cu. yds. Portland cement concrete;
(7) 960 lin. ft. balustrade;
(8) 167,000 lbs. reinforcing steel;
(9) 51,000 lbs. structural steel;
(10) 4870 sq. ft. concrete sidewalk;
(11) 1160 lin. ft. concrete curb and gutter;
(12) Lump sum, electroliers and gates;
(13) 115 lin. ft. 8-in. vitrified sewer pipe;
(14) 30 lin. ft. 10-in. vitrified sewer pipe;
(15) 60 lin. ft. 12-in vitrified sewer pipe;
(16) 275 lin. ft. 18-in. vitrified sewer pipe.

Total bids follow:

(A) A. Soda & Son, Oakland, $71,-620.47.
(B) MacDonald & Kahn Co., Ltd., San Francisco, $73,337.00.
(C) E. T. Lesure, Oakland, $76,661.50.
(D) Healy - Tibbitts Const. Co., San Francisco, $78,982.20.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.36	$ 1.50	$ 1.20	$ .60
(2)	1.30	2.00	1.00	2.00
(3)	1.13	.55	1.00	2.00
(4)	.093	.045	.10	.10
(5)	.187	.18	.22	.18
(6)	12.21	15.00	15.00	18.00
(7)	6.02	7.60	5.75	4.60
(8)	.039	.04	.04	.04
(9)	.092	.085	.10	.08
(10)	.223	.20	.20	.16
(11)	.847	1.10	1.10	1.00
(12)	9226.94	6561.00	8072.00	7290.00
(13)	1.56	2.00	2.20	2.00
(14)	2.38	2.00	2.00	3.00
(15)	3.83	2.20	2.30	3.70
(16)	2.78	4.00	3.30	5.00

All bids referred to County Engineer Burnett Hamilton.

22—DREDGING HARBOR WORKS EXCAVATION

CONTRACT AWARDED

LOS ANGELES, Calif.—Pan-Pacific Piling & Construction Co., 2145 East 25th St., awarded contract by the Los Angeles harbor department May 22, at $20,949.37, for creosoted piles for wharf extension at Berth 145, Los Angeles Harbor, Spec. No. 941. The contract involves 18,762 l.f. Douglas fir bearing piles with 16-pound creosote treatment and 19,180 l.f. Douglas fir fender piles with 12-pound creosote treatment. Consolidated Lumber Co., 122 W. Jefferson Blvd., was awarded a contract at $2,729.96 for furnishing 56,852 board feet of creosoted sawn Douglas fir for the same project.

May 29, 1935

PLANS AWAITING APPROVAL

SEATTLE, Wash. — Plans for preliminary work in connection with the construction of the Grays Harbor Jetties have been completed and forwarded to Lieut. Col. T. M. Robins, Division Engineer, Customhouse, at Portland, for approval.

Funds in the amount of $410,000 have been allotted for the preliminary work, which will involve the construction of tramways, trestles, and as much rock as may be moved

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

with the amount available. Total cost of the project is $4,565,000. Lieut. Col. H. J. Wild, District Engineer, Federal Office Bldg., Seattle, believes that additional funds will be available as soon as preliminary work is under way and that the project may be carried to completion. Several alternate plans of moving rock will be included in the plans. Trestles and tramways constructed by contractors will become government property when construction is finished.

Bids probably will be asked within ten days.

23—IRRIGATION PROJ.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho—Geo. B. Henly, Nyssa, Oregon, at $10,502.40 awarded contract by the Bureau of Reclamation, Ontario, Ore., under Spec. No. 676-D, for the construction of earthwork and structures Sheperd Gulch Drain, Dead Ox Flat Division, Owyhee Project, near Payette and Welser, Idaho.

CONTRACTS AWARDED

YUMA, Ariz.—Lewis Chambers Construction Co., Inc., 1743 Canal Bank Bldg. New Orleans, La., at $0.0649 per c.y., total $505,506.10 awarded Schedules 1, 2 and 3; and the Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $0.075 per c.y., total $260,400, awarded Schedule 4 by the Bureau of Reclamation, Yuma, Ariz., under Spec. No. 621, for the construction of earthwork, All-American Canal, Station 1860 to Station 3090 plus 5, Boulder Canyon Project.

The work is located from 18 to 43 miles southwest of Yuma, and from 10 miles east to 35 miles northeast of Calexico, Calif., and involves 11,261,000 c.y. of common excavation.

Bids were taken as follows:

Schedule No. 1: Station 1860 to Station 2170; 2,707,000 c.y. excavation of canal, common.

Schedule No. 2: Station 2170 to Station 2455; 2,564,000 c.y. excavation of canal, common.

Schedule No. 3: Station 2455 to Station 2740; 2,518,000 c.y. excavation of canal, common.

Schedule No. 4: Station 2740 to Station 3090 plus 75; 3,472,000 c.y. excavation of canal, common.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho—Morrison-Knudsen Co., P. O. Box 518, 318 Broadway, Boise, Idaho, at $127,485 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 619, for the construction of earthwork and structures, South Canal, Station 736 to Station 1340, and South Canal Lateral 17.7, Succor Creek Division, Owyhee Project, near Homedale, Idaho.

Barnard-Curtiss Co., Minneapolis, Minn., at $149,876 submitted the only other bid at the opening May 7, as previously reported.

COMPLETE BID LISTING

OWYHEE PROJECT, Oregon-Idaho.—Following is the complete list of bids received by the Bureau of Reclamation, Ontario, Oregon, May 15, under Spec. No. 681-D, for the construction of structures, North Canal laterals N. 7, 9.9 10.5; 10.5-0.3; 10.5-0.6; 10.5-1.2; 10.5-1.8; 10.5-2.1; 11.0; 11.7; 12.4; 12.4-1.4; 12.9; 13.6; 13.6-0.2; 13.6-0.8 and 13.6-1.1, Mitchell Butte Division, Owyhee Project, near Dunaway, Oregon:

Winters & Ashcraft, Route 1, Nyssa Oregon: Schedule 1, $7,469.50; Sched. 2, no bid.

J. A. Terteling & Sons, Boise, Ida.: Sched. 1, $7,606; Sched. 2, $13,161; total, $20,767. Stipulations, all or none.

Fife & Co., Adrian, Ore.: Sched. 1, $7,783; Sched. 2, $13,274.50; total, $21-057.50.

H. L. Horn, Nyssa, Oreg.: Sched. 1, $8,090; Sched. 2, $14,075; total, $22,165.

Dan Teters & Con., Ontario, Ore.: Sched. 1, $8,377; Sched. 2, $14,487.50; total, $22,864. Stipulations: This bid is for both schedules or none.

John Gardner, Nyssa, Ore.: Sched. 1, $7,587.50; Sched. 2, no bid.

Bids held under advisement.

COMPLETE BID LISTING

OWYHEE PROJECT, Oregon-Idaho.—Jos. P. Brumbach, Parma, Idaho, at $16,550, as previously reported, submitted low bid to the Bureau of Reclamation, Ontario, Oregon, May 14, under Spec. No. 679-D, for the construction of earthwork, North Canal Laterals, 25.4 to 27.8-0.7 Mitchell Butte Division, Owyhee Project. The work is located near Dunaway and Nyssa, Oregon.

Complete bids follow:

Joseph P. Brumbach, Parma, Idaho: Schedule 1, $12,200; Schedule 2, $4,-850; total, $17,050. If awarded both schedules, deduct $500, making a total of $16,550.

J. A. Terteling & Sons, Boise, Ida.: Schedule 1, $13,498; Sched. 2, $4,092; total $17,590. Will accept all or none.

P. R. Teters & Co., Spokane, Wash.: Schedule 1, $13,936.50; Schedule 2, $4,-423.50; total, $18,360. Will accept all or none.

Bids held under advisement.

24— STREET LIGHTING SYSTEMS

PREPARING PLANS

SAN MATEO, San Mateo Co., Cal.—City Manager E. P. Wilsey is preparing preliminary plans and estimates for installation of electroliers in the Hayward Park district.

BIDS OPENED

MARCH FIELD, Riverside County, Cal.—A. Soda & Son, 1077 65th Street, Oakland, at $2,660 submitted low bid to the Constructing Quartermaster at March Field May 24, for additions to night lighting system at March Field.

Complete bids follow:

A. Soda & Son, (1) $2660; (2) $1807.

Bennett & Taylor, (1) $2894; (2) $1,-986.

Moore Electric Co., (1) $3000; (2) $1546.

25—MACHINERY AND EQUIPMENT

CONTEMPLATED

OAKDALE, Stanislaus Co., Calif.—Directors of the Oakdale Irrigation District contemplate the purchase of a small dragline to be used in maintenance work on the district's smaller laterals, canals and drainage projects.

BIDS OPENED

BONNEVILLE DAM, Ore.—Bingham Pump Co., 705 SE Main, Portland, at $778 submitted low bid to he U. S. Engineer Office, Pittock Block, Portland, for furnishing one pumping unit for installation at Bonneville dam as a part of the lawn sprinkling system.

Complete bids follow:

Bingham Pump Co., Portland, $778.

Helt & O'Connell, Portland, $787 on alternate and $899 on regular.

Byron Jackson Co., Berkeley, $850.

M. Donald Spencer Co., Portland, $850.

United Iron Works, Oakland, $920.

B. E. Davis Electric Co., Inc., Portland, $956.42.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing one only crane runway complete in accordance with drawings Nos. A-4200; assembly "A"; A-4206, A-4207, A-4210 and A-4211, under Spec. No. 1666. Alternate proposals were taken for use of built - up sections equivalent in strength to those shown on drawings.

The bids were:

Consolidated Steel Corp.: (1) $8,767; (a) $9,650; (b) $9,367; (c) $10,250; net.

Minneapolis - Moline Power Implement Co.: (1) $9,087.58; (b) $10,030 net.

Pacific Coast Steel Corp.: (1) $8,995; (a) $9,682; (b) $9,745; (c) $10,453; net.

BIDS OPENED

SAN BERNARDINO, Cal.—Identical bids at $1,434 for furnishing a motor grader fob San Bernardino, were received by State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 52113, Req. No. 1844, from the following:

J. D. Adams Company;
Weaver-Rye Tractor Company;
Smith Booth Usher;
Austin-Western Road Machinery Co

All bidders offered a 2% 30 days discount.

All bids under advisement.

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Following bids received by the State Purchasing Agent, Sacramento, for furnishing one motor grader under Quotation 51878, Req. 7288, fob North Hollywood:

Spear-Wells Machinery Co., $3,054.
Edward R. Bacon Co., $3,505.
Austin-Western Machy Co., $3,505.
Jenison Machinery Co, $3,505.
Sacramento Tractor and Equipment Co., $3,505.
J. D. Adams Co., $3,505.
Weaver-Rye Tractor Co., $3,619.

Bids held under advisement.

All bidders quoted a discount of 2% 30 days.

CONTRACTS AWARDED

DEL NORTE, Humboldt, Lake and Mendocino Counties, Cal.—Contracts for the rental of 3-yard dump trucks have been awarded by J. W. Vickrey, District Engineer, Division of Highways, Eureka, as follows:

(1) Three for approximately 500 hours each to be used in the vicinity of Eureka, to Wm. Colbert, Garberville, at $2.33 per hour.
(2) Three for approximately 500 hours each to be used in the vicinity of Garberville, to the Rock & Gravel Trucking Co., Oakland, at $2.33 per hour.
(3) Four for approximately 500 hours each to be used in the vicinity of Crescent City, to H. O. Beckstrom, trinidad, at $2.33 per hour.
(4) Three for approximately 500 hours each to be used in Mendocino and Lake Counties, to K. N. Dewar, Eureka, at $2.33 per hour.

BIDS OPENED

MARIN COUNTY, Cal.—Following bids received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one pneumatic tired dump trunk, chassis weight not less than 2800 lbs., body capacity not less than 1½ c.y., for approximately 600 hours, to be used in Marin County:

(1) hand shovel loading;
(2) power shovel loading.

(1) $1.50; (2) $1.61: May L. Green, Oakland.

(1) $1.50; (2) $1.62: J. P. Cardoza, Oakland.

(1) $1.50; (2) $1.77: N. P. VanValkenburgh, Los Angeles.
(1) $1.53; (2) $1.66: Frank Montank Los Angeles.
(1) $1.53; (2) $1.96: Ware Bros., San Bernardino.
(1) $1.54; (2) $1.67: Rock & Gravel Trucking Co., Oakland.
(1) $1.55; (2) $1.68: C. H. Sperring, Whittier.
(1) $1.57; (2) $1.70: Walter Ryals, Pasadena.
(1) $1.57; (2) $1.80: L. A. Herlyck, Pasadena; Walter L. Morgan, Pasadena.
(1) $1.64; (2) $1.91: J. G. Stell, San Bernardino; V. S. Boren, Hollywood.
(1) $1.67; (2) $1.70: Lambretti Bros., Mill Valley.
(1) $1.67; (2) $1.80: Jack Leonard, Oakland; A. Texeira, Oakland; M. P. Alvis and F. Merino, San Lorenzo; Eugene Della Rosa, Martinez; Joe Cunha, Hayward; E. E. Myers, Chico; Daniel Gallagher T. M. & R. Co., San Francisco; R. L. Miller, Oakland; Hayward Bldg. Materials Co., Hayward; Roy Parson, Marysville; Truck Contr. & Equip. Co., Hayward; F. W. Totten, Oakland; F. Erickson, Oakland; F. M. Mestretti, San Francisco; F. Mullineaux, Oakland; Arthur C. Bussey, Riverside; N. P. Reynolds, Alameda; Hayward Bldg. Supply Co.; Chas. W. Hills, Oakland; J. A. Alexander, Oakland; Paul J. Triplett, Oakland; Perry Brown, Alameda.
(1) $1.75; (2) $1.85: B. B. Smedley, Bellflower.

BIDS OPENED

CHICO, Butte Co., Cal.—Following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 52293, Requisition No. 13706, for furnishing one single-drive pneumatic-tired motor grader, f.o.b. Shop 3, Chico:
Spears Wells Machinery Co., $3054.
Identical bids at $3505 submitted by Edward R. Bacon Co.; Austin-Western Road Machinery Co.; Jenison Machinery Co.; Sacramento Tractor & Equipment Co., and J. D. Adams Co.
Weaver-Rye Tractor Co., $3619.
All bidders quoted a discount of 2% 30 days.

BIDS OPENED

TRUCKEE, Cal.—Identical bids at $4000 less 2% 30 days, were received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 52563, Req. No. 13705, for furnishing one dual-drive motor grader f.o.b. Shop 3, Truckee. The bidders were:
Weaver-Rye Tractor Co.
Austin-Western Road Machinery Co.
J. D. Adams Co.
Edward R. Bacon Co.
Jenison Machinery Co.
Bids held under advisement.

BIDS OPENED

SACRAMENTO, Cal.—J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $125 submitted low bid to the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, Sacramento under Order No. 7335/HMR, for furnishing and operating one dragline for approximately 100 hours.
The other bids were:
Lord & Bishop, Sacramento. $600
Olympia Dredging Co., S. F. 650
Bids held under advisement.

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation No. 52698, Req. 9930, for furnishing one tractor foh San Luis Obispo:
Farmer's Hardware and Implement Co., $1848.50; alternate, $2656; 5% 30 days.
Smith Booth Usher, $2,115; 2% 30 days.
E. C. Livingston, $2,391.30; no discount.
Weaver Rye Tractor Co., $2,404.54; 2% 30 days.
J. D. Adams Co., $2,710; 5% 30 days.
Bids held under advisement.

BIDS OPENED

YELLOWSTONE NATIONAL PK., Wyo.—Following bids received by F. A. Kittredge, Chief Engineer, National Park Service, 409 Underwood Bldg., San Francisco, for furnishing generator and switchboard for the Yellowstone National Park Hydro-Electric Generating Station:
Ideal Electric Mfg. Co., fob Mansfield, Ohio, $16,330.
Allis-Chalmers, fob West Allis, Wis. $16,900.
Electric Machinery Co., fob Minneapolis, Minn., $19,092.
Westinghouse Mfg. Co., fob East Pittsburgh, Pa., $19,190.
General Electric Co., fob Ft. Wayne, Indiana, $19,718.
Bids held under advisement.

BIDS OPENED

YELLOWSTONE NATIONAL PK., Wyo.—Pelton Water Wheel Co., 2929 19th St., San Francisco, at $16,090 fob Gardiner, Mont., with a freight deduction of $749, for shipment on Govt. bill of lading, submitted low bid to the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing two complete water wheel units and certain accessory equipment for the power generating plant for Yellowstone National Park. The equipment weighs 30,600 lbs. and the company will make delivery in 85 days. Terms net.
S. Morgan Smith Co., York, Pa., at $18,364 fob Gardiner, with a freight deduction of $925 fo shipment on Government bill of lading, submitted the only other bid. The units weigh 25,000 lbs. and the company will make delivery in 60 days.
Bids held under advisement.

BIDS OPENED

SEATTLE, Wash.—Pacific Electric Corp. at $125,100 submitted low bid to the Seattle Board of Public Works for furnishing three 230-kva oil switches, fob Rockport, for the Diablo powerhouse.
Complete bids follow:
Pacific Electric Corp. $125,100
Westinghouse Elec. Co. 149,058
General Electric Co. 154,740
Identical bids at $23,960 for furnishing five high tension disconnects were submitted by the following: Westinghouse Electric Co., General Electric Co., Pacific Electric Co., Railway and Industrial Engr. orp., Electric Power & Equipment Co., Bowie Switch Co., Delta Star Electric Co. and Graybar Electric Company.
Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—American Tractor Equipment Corp., 1401 Park Ave., Oakland, at $1261.77 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 615, for furnishing an angle bulldozer.

26—— RAILROADS

CONTEMPLATED

PORT ORFORD, Ore.—The Port Orford Dock and Terminal Corp. plans the construction of a 95-mile railway spur to connect with the S. P. R. R. at Leland, near Grants Pass. Cost is estimated at $4,000,000. Gilbert E. Gable, manager. Jos. A. Vandergrift, chief engineer.

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until May 27, 8 P. M., bids will be received by John J. Lynch, City Clerk City Hall, San Jose, for paving the city frontage of the public park commonly called The Rose Garden, on the south side of Emory Street, and on the east side of Garden Drive.
Specifications obtainable at the city Engineer's office.

BIDS REJECTED

LINCOLN COUNTY, Wash.—All bids received by L. V. Murrow, Director of Highways, Olympia, May 21, for stockpiling about 6500 cu. yds. of mineral aggregate (oil rock) materials for State Road No. 2, Wilbur to Telford, in Lincoln County, were rejected and the project will be readvertised.
The bids were:
R. O. Dall, Aberdeen $13,750
Triangle Constr. Co., Spokane.. 15,700
Materne Bros., Spokane 15,925
F. H. Hewett, Spokane 15950

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $86,266.5 awarded contract by the State Highway Commission at Sacramento, for about 3.6 miles grading and road mix surfacing applied, in San Diego Co between Lake Hodges Dam and Rancho Santa Fe.

COMPLETE BID LISTING

BONNEVILLE DAM, Oregon—Sam Orino, E. 3104 Boone St., Spokane, at $793,191, as previously reported, submitted low bid to the U. S. Engineer office, Pittock Bldg., Portland, May 21 under Bid No. 694-35-1, for the construction of a portion of the relocated line of the O. W. R. R. & N. Co railroad and riprap protection of Rockel Slide between Railroad mile post 37 and Cascade Locks in the vicinity of Bonneville.
Complete total bids follow:
(A) Sam Orino, Spokane, $793,191.
(B) Siems - Spokane Co., Spokane $808,889.50.
(C) Paul J. Tyler, Oroville, Calif. $835,183.80.
(D) Malcom & Bell, Bonneville, $835,553.90.
(E) Myers & Goulter, Seattle, $837,366.70.
(F) Kern & Kibbe, Portland, $867,598.80.
(G) Guy F. Atkinson Co., Portland and San Francisco, $877,651.
(H) Columbia Constr. Co., Bonneville $887,295.60.
(I) Crick & Kuney, Spokane, $888,78
(J) Geo. Pollock, Sacramento, Calif. $927,024.
(K) Guthrie-McDougall Co. and Guthrie Co., Portland, $937,441.
(L) Joplin & Eldon and P. L. Crook Portland, $949,582.
(M) S. S. Magoffn Co., Adrian, Ore $1,690,900.
(N) Engineer's Estimate, $1,022,937
Bids held under advisement.

BIDS OPENED

ORANGE COUNTY, Cal. — C. Sparks, 2309 E. 9th St., Los Angeles at $39,433.30 (Portland cement concrete) submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 1.4 mile grading and paving with (Alt. A) asphalt concrete, or (Alt. B) Portland cement crete, in Orange County, between Anaheim and Miraflores.
Complete total bids follow:

A) C. O. Sparks, Los Angeles, Alt. A, no bid; Alt. B, $39,433.30.
B) Griffith Co., Los Angeles, Alt. A, $39,544; Alt. B, $40,145.70.
C) Oswald Bros., Los Angeles, Alt. A, $40,658; Alt. B, $41,730.10.
D) Sharp & Fellows Contracting Co., Los Angeles, Alt. A, $45,035; Alt. B, $15,023.70.

IDS WANTED

OAKLAND, Cal.—Until June 12, 8 M., bids will be received by the ast Bay Municipal Utility District, ohn S. Kimball, Secretary, 512 16th t., Oakland, under Proposal L.S. 19, for street paving repairs for the ear ending June 30, 1936.

Specifications obtainable from the beve office. *

ONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—ving L. Ryder, P. O. Box 265, San ose, at $4136 submitted low bid and warded contract by the Santa Clara ounty Board of Supervisors, Court ouse, San Jose, for the construction approximately 110,650 sq. ft. of oil acadam pavement on Allendale Ave. Complete bids follow:

ving L. Ryder	$4136
arl W. Heple	4240
F. Piazza	4290
J. Raisch Co.	4545
ngineer's Estimate	4530

OMPLETE BID LISTING

ORANGE COUNTY, Cal. — C. O. parks, 2309 E. 9th St., Los Angeles, $39,433.30 (Portland cement conete) submitted low bid to the State ighway Engineer, State Bldg., Los ngeles, for about 1.4 mile grading nd paving with (Alt. A) asphalt conete, or (Alt. B) Portland cement oncrete, in Orange County, between naheim and Miraflores.

The work involves:

(1) 75 stations clear and grub right-of-way;
(2) 350 M. gals water.
(3) 11,000 cu. yds. rdwy. excav. unclass.;
(4) 700 cu. yds. struc. excav.;
(5) 90,000 station yds. overhaul;
(6) 19,000 sq. yds. subgrade for pave
(7) 75 stations finishing rdwy.;
(8) 275 tons mineral aggregate (plant mixed surfacing);
(9) 15 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(0) 2 tons liquid asphalt MC-2 (prime coat);
(1) 100 tons liquid asphalt SC-2 (shoulders);
(2) 12,500 sq. yds. preparing, mixing, and shaping shoulders;
(3) 14 tons liquid asphalt 90-95 (seal coat);
(4) 160 tons stone screenings (seal coat);
(5) 8200 lbs. bar reinf. steel (structures);
(6) 48,000 lbs. steel railroad rail assemblies;
(7) 140 cu. yds. Class A Portland cement conc. (structures);
(8) 65 cu. yds. Class A Portland cement Conc. (curbs and gutters)
(9) 60 lin. ft. curb armor;
(0) 90 lin. ft. remove and salvage pipe culverts;
(1) 40 cu. yds. existing conc. to be removed and disposed of;
(2) 12 each culvert markers:

Alternative Items
Alternative "A"

(3) 7850 tons asphalt concrete;

Alternative "B"

(4) 3490 cu. yds. Class A Portland cement concrete (pavement);
(5) 9500 lbs. bar reinf. steel (pave.);
(6) 4910 each pavement dowels.

NOTE:—Alternative "A" sets forth e necessary items for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

Complete total bids follow:

(A) C. O. Sparks, Los Angeles, Alt. A, no bid; Alt. B, $39,433.30.
(B) Griffith Co., Los Angeles, Alt. A, $39,544; Alt. B, $40,145.70.
(C) Oswald Bros., Los Angeles, Alt. A, $40,658; Alt. B., $41,730.10.
(D) Sharp & Fellows Contracting Co., Los Angeles, Alt. A, $45,035; Alt. B, $15,023.70.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 6.00	$13.90	$ 3.00	$ 5.00
(2)	2.00	1.50	2.00	2.00
(3)	.23	.30	.37	.40
(4)	.80	.65	.75	.90
(5)	.006	.005	.005	.01
(6)	.10	.10	.10	.10
(7)	5.00	5.00	3.50	5.00
(8)	3.50	2.00	2.00	1.00
(9)	14.00	15.00	15.00	16.00
(10)	28.75	25.00	30.00	25.00
(11)	9.10	9.00	9.00	10.00
(12)	.05	.05	.045	.05
(13)	20.00	18.00	20.00	20.00
(14)	3.00	1.90	2.00	2.50
(15)	.045	.04	.05	.04
(16)	.06	.045	.05	.035
(17)	15.00	16.50	14.50	18.00
(18)	12.00	9.00	12.50	15.00
(19)	.75	.60	.85	1.00
(20)	1.00	1.00	.50	.60
(21)	3.00	1.00	3.50	5.00
(22)	3.00	2.50	2.00	2.00
ALTERNATE "A"				
(23)	.....	2.94	3.03	3.34
ALTERNATE "B"				
(24)	6.00	6.44	6.75	7.15
(25)	.09	.07	.08	.07
(26)	.13	.11	.11	.12

CONTRACT AWARDED

PIERCE COUNTY, Wash.—Paine & Gallucci, 1521 S. Grant St., Tacoma, at $45,425 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with cement concrete and asphaltic concrete about 0.7 mile of State Road No. 1, South Tacoma Way, between South 50th and South 38th Streets in the City of Tacoma, U. S. P. W. Project NRM 171-F, in Pierce County. The other bids were:

Warren Northwest Co., Pt'lnd.	$48,049
H. J. Adler Co., Tacoma	49,997
Macri & Steffensen, Seattle	51,373
Joseph Warter Sr., Tacoma	53,367

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until June 19, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.5 miles grading and placing road mix surfacing, in Stanislaus County, bet. 0.8 mile north of Newman and 0.2 mile south of Crows Landing.

The work involves:

(1) Clearing and grubbing highway right-of-way;
(2) 1800 M. gals. water;
(3) 37,500 cu. yds. rdwy. excav. (unclass.);
(4) 15,000 sta. yds. overhaul;
(5) 3250 cu. yds. structure excav.;
(6) 37,000 cu. yds. imported borrow;
(7) 214 stations irrigation dikes;
(8) 330 cu. yds. remove concrete;
(9) 240 stations finishing rdwy.;
(10) 9200 cu. yds. untreated crushed gravel or stone base;
(11) 56 tons liquid asphalt SC-2 prime coat;
(12) 5800 cu. yds. mineral aggregate (road mix surfacing);
(13) 386 tons liquid asphalt MC-5 or MC-extra heavy (road mix surfacing);
(14) 45 tons liquid asphalt MC-3 seal coat (road mix surfacing);
(15) 345 tons sand seal coat (road mix surfacing);
(16) 88 tons natural rock asphalt surfacing;
(17) 200 tons liquid asphalt SC-3 road mix surface treatment (shoulders);
(18) 31,600 sq. yds. preparing, mixing and shaping shoulders (road mix surface treatment);
(19) 6000 lbs. bar reinf. steel (structures);
(20) 160 cu. yds. Class A Portland cement concrete (structures);
(21) 111 MFBM redwood timber, dense, select, all heart structural grade;
(22) 22 MFBM redwood timber, select all heart, structural grade;
(23) 3490 lin. ft. furnishing creosoted Douglas fir piles;
(24) 120 each driving piles;
(25) 114 lin. ft. 8-in. CMP;
(26) 200 lin. ft. 15-in. CMP;
(27) 276 lin. ft. 18-in. CMP;
(28) 408 lin. ft. 24-in. CMP;
(29) 364 lin. ft. 30-in. CMP;
(30) 270 lin. ft. 36-in. CMP;
(31) 100 lin. ft. 42-in. CMP;
(32) 54 lin. ft. 48-in. CMP;
(33) 390 lin. ft. clean and relay CMP culverts;
(34) 299 lin. ft. clean and salvage pipe culverts;
(35) 10 each 18-in. automatic drainage gates;
(36) 1 only 24-in. hand operated slide gate;
(37) 1 only 30-in. do;
(38) 1 only cast steel frame and cover for drop inlet;
(39) 48 each monuments complete in place;

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

* 29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raich Paving Co., Burrell Bldg., San Jose, at $0.1625 per sq. ft. submitted low bid and awarded contract by the San Jose City Council for approximately 35,330 sq. ft. of paving the city frontage of the public park ommonly called the Rose Garden, on the south side of Emory Street, and on the east side of Garden Drive.

Union Paving Co., San Francisco, at $0.165 pr sq. ft. submitted the only other bid.

The work will involve:

(1) 35,330 sq. ft. paving;
(2) 3,884 l.f. gutter;
(3) 1,932 l.f. curb;
(4) 7,457 sq. ft. sidewalk.

All work, except the paving, will be done by the City. *

BIDS WANTED

SAN FRANCISCO—Department of Public Works, S. J. Hester, Chief Deputy Director, plans to construct (expediency) a wooden bulkhead 3 ft. high to prevent sand from drifting onto sidewalk, on the west side of 14th Ave., 156 ft. 2-in. 206 ft. 2-in. south of Irving Street. Spec. No. 18,824. Estimated cost, $100.

The work involves 50 lin. ft. 3-ft wooden bulkhead.

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon—Kern & Kibbe, 42 SE Salmon Street, Portland, at $63,964.90 awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, for 1.01 miles paving on the Foster Road-Flavel St. Section of Eighty-second Ave., Portland, U.S.P.W. Project No. NRM 199-G.

BIDS WANTED

RICHMOND, Contra Costa Co., Cal. —Until June 10, 8 P. M., bids will be received by the Richmond City Council, A. C. Faris, City Clerk, for the resurfacing of Macdonald Ave. from Garrard Blvd. to 23rd St

The work involves.

(1) 400 tons Type A asphalt concrete wearing surface;
(2) 3,500 tons Type B do;
(3) 300 tons Type C do;
(4) 215 c.y. 10-in. Portland cement concrete pavement;
(5) 36,900 sq. ft. planing existing pavement;
(6) 7,000 sq. ft. removal of broken or shattered pavement;
(7) 300 sq. ft. Portland cement concrete sidewalk;
(8) 500 sq. ft. Portland cement concrete gutter;
(9) 400 l.f. Portland cement concrete curb;
(10) 7,800 sq. ft. removal of sheet asphalt pavement on account of open drains;
(11) 812 each, Monel traffic buttons to be removed, cleaned and replaced in new pavement;
(12) 566 each, Monel traffic buttons to be cleaned and installed in new pavement;
(13) 141 each, aluminum do;
(14) 828 each, aluminum traffic buttons to be removed, cleaned, and replaced in new pavement;
(15) 421 each aluminum traffic buttons to be supplied by contractor and installed in new pavement;
(16) one cement concrete catchbasin (without castings);
(17) 10 l.f. 6-in. vitrified clay pipe culvert;
(18) 5 l.f. 2¾x26½x2-inch part-circle corrugated iron culvert;
(19) 7 l.f. 2¾x26½x4-in. do;
(20) 164 l.f. 3¼x38x2-in. do;
(21) 95 l.f. 3¼x38x4-in. do;
(22) 30 sewer manhole frames and catchbasin castings to be raised

Plans and specifications obtainable from the office of City Engineer E. A. Hoffman upon deposit of $5.

The work will be financed by the city's share of gasoline tax funds.

BIDS WANTED

KLAMATH COUNTY, Oregon—Until June 6, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for 4.91 miles grading on the Klamath Falls-Midland Section of Klamath Falls-Weed Highway, U.S.P.W. Project NKH 205-C.

The work requires approximately 305,000 cu. yds. excavation; 1500 cu. yds. roadbed topping, and 200 cu. yds. salvaged surfacing materials.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

STATE OF WASHINGTON—Until June 11, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction, as follows:

Snohomish and Skagit Counties: — Grading, draining and constructing a treated pile and timber trestle on about 4.4 miles of State Road No. 1, Conway-South, Public Works Proj. No. 7759, in Snohomish and Skagit Counties, involving about 26 acres of clearing, 104,375 cubic yards of excavation, 31,140 cubic yards of selected roadway borrow, 285 cubic yards of concrete, 4695 lineal feet of cable guard rail, 26 M. B. M. timber and lumber (treated), 2730 lineal feet treated piling, 3938 lineal feet of pipe culverts and other items.

Lincoln, Spokane and Grant Counties—Constructing Washington Public Works Projects consisting of producing mineral aggregates (oil rock) and a non-skid seal treatment on about 10.3 miles of State Road No. 2, Creston to Telford and Hawk Creek to Telford, Section 1, in Lincoln County; constructing a light bituminous surface treatment on about 8.5 miles of State Road No. 22, Davenport to Inkster Lake, Section 2, in Lincoln County; constructing a non-skid seal treatment on about 9.2 miles of State Road No. 7, Odessa to Lamona, Section 3, in Lincoln County; producing mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 4.1 miles and non-skid treatment on about 6.8 miles of State Road No. 11, Fishtrap West and Fishtrap to Tyler, Section 4, Lincoln and Spokane Counties; constructing a non-skid seal treatment on about 27.4 miles of the Grand Coulee Highway, Coulee City to Grand Coulee Dam, Section 5, in Grant County.

Whitman County:—Grading and surfacing with crushed stone and constructing a treated timber trestle on about 6.4 miles of State Road No. 1, Dusty East, Public Works Project No. 7750 in Whitman County, involving about 113,810 cubic yards of excavation, 48,449 cubic yards of ballast, 6730 cu. yds. of crushed stone surfacing, 214 cu. yds. of concrete, 23,7[illegible] pounds of steel reinforcing bars, 17[illegible] lin. ft. of cable guard rail, 30 M.B.M. of timber and lumber (treated), 12[illegible] lin. ft. of treated piling, 1511 lin. ft. of pipe culverts and other items.

Kittitas County: — Constructing Public Works Project consisting of bituminous retread surface on about 19.9 miles of State Road No. 3, Teanaway to Ellensburg, Section 1; constructing a non-skid seal treatment on about 10.0 miles of State Road No. 1, Ellensburg to Highline Canal, Section 2, and constructing bituminous macadam Class D Penetration Type Surface on about 8.9 miles of State Road No. 7, Alkali Ikes to Vantage Ferry Bridge, Section 3; all in Kittitas County.

Yakima & Kittitas Counties—Constructing about 60,606 lin. ft. of cable guard rail Design No. 6 on about 11 miles of State Road No. 5, Oak Flat to Chinook Pass, Public Works Project No. 7715, in Yakima and Kittitas Counties.

Kitsap and Mason Counties—Surfacing with crushed stone and stockpiling crushed stone and mineral aggregates (oil rock) on about 8.6 miles of State Road No. 14, Tidewater Creek to Union River, Unit 1 of Public Works Project No. 5915, in Kitsap and Mason Counties, involving about 1[illegible] 230 cu. yds. crushed stone surfacing on roadway, 12,480 cu. yds. of crushed stone and mineral aggregate (oil rock) in stockpiles and other items.

LOS ANGELES — SAN FERNANDO ROAD IMPROVEMENT — (CITY)

LOS ANGELES, Cal. — Southwest Paving Co., 125 West Third St., submitted low bid to the Los Angeles Board of Public Works, City Hall, May 22, at $19,770.23 (using asphaltic concrete pravement), and at $22,458.13 (using Warrenite - Bitulithic pavement), for grading, paving and otherwise improving San Fernando Road west between Aviation Drive and Goodwin Avenue (Cash Contract), involving:

(1) 8641 cu. yds. excavating and 4924 cu. yds. fill, including removal of existing improvements;
(2) 134,395 sq. ft. concrete pavement;
(3) Alt. 134,395 sq. ft. asphaltic concrete pavement, 7-in. thick, consisting of 5-in. asphaltic concrete base and 2-in. asphaltic concrete wearing surface;
(4) Alt. 134,395 sq ft. Warrenite-Bitulithic pavement 7-inches thick, consisting of 5-in. asphaltic concrete base and 2-in. Warrenite-Bitulithic wearing surface:
(5) 831 sq. ft. concrete pavement, 6-in. thick;
(6) 1110 sq. ft. concrete pavement 8-in. thick;
(7) 285 linear feet unplastered light curb;
(8) 311 sq. ft. 3-in. one-course sidewalk;
(9) Storm drain and appurtenances, complete in place.

J. L. McClain, 5850 Brynhurst Ave., Los Angeles, was low at $24,493.69, using concrete pavement.

The total bids were:

(A) Southwest Paving Co., (1) using concrete pavement, $24,742.84; (2) using asphaltic concrete pavement, $19,770.23; (3) using Warrenite-Bitulithic pavement, $22,458.13.
(B) J. L. McClain, (1) $24,493.69; (2) $25,837.64; (3) $32,557.39.
(C) Geo. R. Curtis Paving Co., (1) $25,445.48; (2) $20,338.47; (3) $29,-342.93.
(D) Tomel Constr. Co., (1) $25,,731.08; (2) $26,739.0; (3) $29,090.96.
(E) Geo. J. Bock Co., (1) $25,083.98; (2) $25,352.27; (3) $28,107.87.
(F) Griffith Co., (1) $26,321.62; (2) $22-155.37; (3) $30,084.68.
(G) P. J. Akmadzich, (1) $26,928.94; (2) $22,359.51; (3) $31,095.18.
(H) Heuser & Garnett, (1) $29,397.51; (2) $24,290.50; (3) $26,575.22.
(I) Engineer's Estimate, (1) $24,582.05 (2) $23,372.49; (3) $26,866.76.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$2605.00	$3600.00	$3200.00	$5100.00	$5280.00	$4000.00	$3025.00	$5200.00	$3533.00
(2)	.147	.14	.148	.135	.13	.15	.16	.163	.138
(3)	.11	.15	.11	.1425	.1322	.119	.126	.127	.129
(4)	.18	.20	.177	.16	.1525	.178	.191	.144	.155
(5)	.17	.14	.15	.14	.13	.14	.17	.15	.12
(6)	.23	.17	.18	.16	.15	.16	.205	.19	.15
(7)	.40	.45	.45	.50	.40	.40	.36	.45	.40
(8)	.11	.10	.12	.12	.10	.13	.12	.14	.12
(9)	1820.00	1600.00	1850.00	2000.00	1900.00	1700.00	1875.00	1500.00	2073.00

Kitsap County:—Stockpiling about 310 cu. yds. of mineral aggregate (oil rock) materials for about 4.3 miles of State Road No. 21, Bremerton to Chico Creek, Section 1; for about 12.4 miles of State Road No. 21, Keyport Junction to Port Gamble, Section 2; and for about 3.9 miles of State Road No. 14, Tidewater Creek to Port Orchard, Section 3, all in Kitsap Co.

Okanagan County: — Grading and surfacing with crushed stone about 3 miles of the Methow Valley Highway, Methow Vicinity, Section 2, Public Works Project No. 5335 in Okanogan County, involving about 65,190 c. yds. of excavation, 3730 cu. yds. of crushed stone surfacing(333 lin. ft. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Irving L. Ryder, P. O. Box 265, San Jose, at $4314 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the construction of approximately 521,100 sq. ft. of oil mix pavement on Storey Road.

Complete bids follows:

Irving L. Ryder	$4314
Earl W. Heple	5470
A. J. Raisch Co.	6325
A. F. Piazza	6990
Engineer's Estimate	5700

All bidders of San Jose.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 50, Marysville, at $14,054 awarded contract by the State Highway Commission, Sacramento, for about 3.7 miles grading shoulders, constructing selected material borders, and superelevating curves with selected material base and plant-mixed surfacing medius curing type), in Humboldt County, between Ferndale and Fernbridge.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Peterson Bros., 239 W. Olive St., Inglewood, at $7,432.09 awarded contract by the State Highway Commission, Sacramento, for planting roadsides in San Diego County between Encinitas and Oceanside, about 10.1 miles in length. Complete bids published May 3.

BIDS WANTED

RIVERSIDE & SAN BERNARDINO COUNTIES, Cal.—Until June 20, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 33.5 miles liquid asphalt treatment in Riverside and San Bernardino Counties, between 2 miles north of Blythe and Vidal.

The work involves:

(1) 1190 tons liquid asphalt SC-2;
(2) 625 tons liquid asphalt SC-4;
(3) 356,300 sq. yds. preparing, mixing, and shaping roadbed;
(4) 8000 sq. yds. preparing, mixing, and shaping slopes.

Plans and specifications obtainable from the State Highway Commission, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTICE TO BIDDERS

MADERA COUNTY., Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Madera County, between Coarse Gold and Oakhurst. Road VI-Mad-125-C.D, for which bids are to be received by the State Highway Commission in Sacramento on June 12, 2:00 P. M.

Said representative will meet prospective bidders at Coarse Gold Inn in Coarse Gold on Friday, June 7, 1935, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on June 12, 1935:

V-Mon-56-C. Bridge across Limekiln Creek and bridge across Vicente Creek (PLANS) No. of sheets, 19; cost $1.90; (CROSS - SECTION) No. of Sheets, none; total, $1.90.

VI-Mad-125 - C.D, between Coarse Gold and Oakhurst (PLANS) No. of sheets, 4, no charge.

sheets, 4, no charge.

made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

30—RESERVOIRS & DAMS

BIDS WANTED

MODOC COUNTY, Cal.—Until June 13, 3 P. M., bids will be received by the South Fork Irrigation District, Alturas, C. S. Baldwin, Secretary, for the construction of (a) Reservoir Embankment for the West Valley Reservoir, and (b) Diversion Dam and Supply Ditch for West Valley Reservoir. The work includes the construction of a rolled earth-fill dam 65-ft. high across West Valley Creek in Modoc County, and excavating a two mile supply ditch.

Bids will be taken as follows:

(1) 26,000 c.y. earth fill from spillway;
(2) 26,000 do from borrow pits;
(3) 850 c.y. reinforcer concrete (spillway);
(4) 40,000 c.y. excavation (spillway);
(5) 2,800 c.y. riprap;
(6) 400 c.y. concrete jacket at outlet;
(7) 2 each 36x60-in. sluice gates;
(8) 21,000 c.y. ditch excavation;

Plans and specifications obtainable at the office of the Board of Directors, South Fork Irrigation District, Alturas, or from Fred C. Hermann, Consulting Engineer, 1104 Merchants Exchange Bldg., San Francisco, upon deposit of $20.

S. A. Mushen, Alturas, is district engineer.

The PWA has allotted a loan and grant of $160,000 to aid in the construction.

CONCRETE MIXERS AWARDED

GRAND COULEE DAM, Washington—The Cramer Machinery Co., Lewis Bldg., Portland, at approximately $225,000 awarded contract by the Mason-Walsh-Atkinson-Kier Co., general contractors on the Grand Coulee Dam, for furnishing two complete concrete mixing plants for the dam.

The plants include eight four-yard Koehring Concentric Zone Tilting concrete mixers, manufactured by the Koehring Co., of Milwaukee, Wis., and steel bins, weighing batchers, and recording apparatus, designed and built by the C. S. Johnson Co., Champaign Illinois.

The mixing plants will be in operation by September. The total yardage of concrete on the dam will exceed 3,500,000 cu. yds.

CONTRACT AWARDED

BONNEVILLE, Oregon — Columbia Constr. Co., Bonneville, at $247,500 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 698-35-547, for the excavation of the lower lock approach canal, and the excavation and lining of the fishway at Bonneville Dam.

The work consists of the excavating, hauling and placing of materials, shaping and dressing disposal areas and berms, placing and compacting fishway lining and all incidental work required on or in connection with the construction of the lower lock approach canal and fishway.

BIDS OPENED

BONNEVILLE, Oregon — Following bids received by the U. S. Engineer Office, 627 Pittock Block, Portland, May 24, under Bid No. 698-35-603, for construction and installation in complete operating condition of two 43,200 kw., vertical shaft alternating current generators in the powerplant of the Bonneville Dam:

Allis-Chalmers Mfg. Co., Milwaukee, $1,191,488; shipping point, West Allis, Wis.

Westinghouse Elec. & Mfg. Co., East Pittsburgh, $1,181,700; shipping point, East Pittsburgh, Pa.

General Electric Co., Schenectady, $1,144,880; shipping point, Schenectady, N. Y.

The bids provide that the United States will pay the cost of freight charges on the generators from factory to Bonneville, which charges are to be added to the amounts bid.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

OGDEN, Utah.—Barnard Curtiss Co, Minnapolis, Minnesota, at $399,554.51 (Schedule 2, band spacing "A") were warded contract by the Bureau of Reclamation, Ogden, under Spec. No. 622 for the construction of the Ogden Canyon Condult,(Ogden River Project, Utah.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until June 3, 11 A. M., bids will be received by the Contra Costa County Board of Supervisors, S. C. Wells, Clerk, Hall of Records, Martinez, for furnishing f.o.b. trench, at Rivercrest Sewer District, about two miles west of Pittsburg, the following materials:

Vitrified Salt Glazed Sewer Pipe

(1) 12,823 ft. 6-in. sewer pipe.
(2) 5470 ft. 8-in. sewer pipe.
(3) 42 ft. 6-in. sewer pipe.
(4) 6022 ft. 4-in. sewer pipe.
(5) 267 6-in. x 4-in. Y branches.
(6) 14 6-in. xy 6-in. Y branches.
(7) 35 8-in x 4-in. Y branches.
(8) 4 8-in. x 8-in. Y branches.

Specifications obtainable from the above office.

George Oliver is engineer of the District.

As previously reported, the SERA has allocated $31,136 for labor.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. —Until June 17, 8 P. M. (tentative date) bids will be received by the San Mateo City Council, E. P. Wilsey, City Manager, for the construction of an outfall sewer system to serve San Mateo and the south portion of Hillsborough.

Plans will be ready for contractors about June 4, and will be available from the City Engineer's office.

Estimated cost, $143,000.00. Hillsborough will contribute $22,000 toward construction costs.

BIDS OPENED

SAN FRANCISCO — J. B. Rogers Co., 110 Sutter St., at $675 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,855, for digging test pits and making borings at the site of the Marina Sewage Pumping Plant and force main.

The work involves:
(1) 300 lin. ft. making test borings;
(2) Making 3 test pits.

Complete bids follow:
J. B. Rogers Co., (1) $1.90; (2) $35; (3) total, $675.
A. C. LoPrest, (1) $2.35; (2) $25; (3) $780.
Chas. L. Harney, (1) $2.80; (2) $40; (3) $960.

BIDS WANTED

SAN FRANCISCO — Until June 12, 2:30 P. M., bids will be received by the Department of Public Works, W. H. Worden, Director, Room 251, City Hall, under Specification No. 18,864, for the extension of the Blanken St. sewer from Gillette Avenue southeasterly to the existing box sewer. The work involves 280 lin. ft. of 24-inch vitrified clay pipe sewer in place. Estimated cost $1120.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

33— WATER WORKS

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until June 20, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for constructing the Copper Basin syphon and surge tank of the Colorado River Aqueduct, in accordance with Spec. No. 101. The site of the work is on the line of Colorado Aqueduct in San Bernardino County, about 11 miles northeast of Earp. The work comprises the construction of a reinforced concrete syphon 16 ft. in diameter and approximately 450 feet in length, and appurtenant works. Certified check or cashier's check, $2500, must accompany each bid. Plans and specifications may be obtained at the office of the Chief Engineer, Room 1007, 306 W Third St., upon payment of $2.00 per set. Julian Hinds, Assistant Chief Engineer.

The items are as follows:
Construction of the Copper Basin Siphon and Surge Tank.

Note: No bid will be considered for less than all the items of the schedule.
(1) 5000 c.y. excavation;
(2) 1350 c.y. concrete in siphon barrel;
(3) 220 c.y. concrete in transition and surge tank;
(4) 250,000 lbs. placing reinforcement steel in siphon;
(5) 25,000 lbs. placing reinforcement steel in transition & surge tank;
(6) 8000 lbs. installing miscellaneous metal work;
(7) 2500 ton-miles hauling steel;
(8) 8000 do cement;

OAKLAND — C. I. WATER PIPE — DISTRICT

OAKLAND, Cal.—Bids for furnishing 120,000 feet of 4- 6- 8- 12- and 20-inch diameter cast iron water pipe for the distribution system were opened by the East Bay Municipal Utility District, John S. Kimball, Secretary, 512 16th St., Oakland, under Proposal L.S. 147.

Bids were taken as follows:

SCHEDULE I
(1) 27,000 l.f. of Class 150 bell and spigot cast iron pipe, 4-in. internal diameter;
(2) 47,000 l.f. do, 6-in. internal dia.;
(3) 13,000 l.f. Class 250 do, 8-in. internal diameter;
(4) 8,000 l.f. Class 250 or Class B bell and spigot cast iron pipe, 12-in. internal diameter.
(5) 14,000 l.f. Class 250 or Class B bell and spigot cast iron pipe, 20-in. internal diameter.

SCHEDULE II
(1) 3,000 l.f. Class 150 bell and spigot spigot cast iron pipe, 4-in. internal diameter;
(2) 3,000 l.f. do, 6-in. internal dia.;
(3) 2,000 l.f. Class 250 do, 8-in. internal diameter;
(4) 3,000 l.f. Class 250 or Class B bell and spigot cast iron pipe, 12-in. internal diameter.

The bidders were:
(A) United States Pipe & Foundry Co., Monadnock Bldg., San Francisco.
(B) American Cast Iron Pipe Co., Sharon Bldg., San Francisco.
(C) Florence Pipe & Foundry, Los Angeles.
(D) Johns - Manville Co., 159 New Montgomery St., San Francisco.

Complete bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 11,448	$ 11,610	$ 12,420	$ .....
(2)	29,422	30,080	30,550	.....
(3)	13,455	13,650	14,170	.....
(4)	15,040	15,280	16,000	.....
(5)	58,520	62,300	59,500	.....
Total, Schedule I	$127,885	$132,920	$132,640	.....
Lump Sum, Schedule I	$126,352	.....	.....	.....
(1)	$ 1,272	$ 1,290	$ 1,380	$ 1,227
(2)	1,878	1,920	1,950	1,980
(3)	2,070	2,100	2,180	1,996
(4)	5,640	5,730	6,000	5,241
Total, Schedule II	$ 10,860	$ 11,040	$ 11,510	$ 10,372
Lump Sum, Schedule II	$ 10,748	.....	.....	.....
Total, Schedules I & II	$137,100	$	$144,156	$ .....

Bids held under advisement.

YELLOWSTONE NATIONAL PARK—PIPE LINE—(Govt.)

YELLOWSTONE NATIONAL PK., Wyo.—Steel Tank & Pipe Co. of California, 1100 4th St., Berkeley, at $65,345.25 submitted low bid to the National Park Service, Frank A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, May 24, for furnishing all pipe, pipe connections and materials, the transportation, placing and welding of tthe pipe, and the connections with existing pipe lines, valves, fittings, etc., including all backfill and resoration of ground surface, for a hydro-electric plant being constructed in the xicinity of the Mammoth Hot Springs, Yellowstone National Park. Trench excavation will be done by the National Park Service by its own forces.

Also to expedite the work and to eliminate uncertain features, and features which might complicate the interrelation of contractors, the Park Service with its own forces will construct by day labor completely, a bypass pipe of standard size, and permanently placed, which will carry the water around the proposed reservoir.

A separate contract will be let for construction of the storage reservoir.

A 300-hp. gasoline driven power unit is being installed as a standby and to provide power during the short intervals while new connections are being made.

Bids were taken as follows:
(1) 5500 l.f. furnishand install 28-in. inside diameter pipe, ¼-in. plate thickness as herein specified;
(2) 1060 l.f. furnish and install 28-in. diameter pipe, ⅜-in. plate thickness as herein specified;
(3) 500 l.f. furnish and install 28-in. inside diameter ⅜-inch plate thickness as herein specified;
(4) 2500 l.f. furnish and install 20-in. inside diameter pipe 10-gauge plate thickness as herein specified;
(5) 600 l.f. furnish and install 12-in. inside diameter air vent conduit as herein specified;
(6) 2800 l.f. furnish and install 8-in. inside diameter lapwelded plain & standard wrought steel water pipe, as herein specified (subject to 50% increase or decrease);
(7) furnish and install Dresser type couplings as shown on plans, as follows:
(a) 10 each for pipe shown, Bid Item 1;
(b) 3 each do, Bid Item 2;
(c) 3 each do, Bid Item 3;
(d) 2 each do, Bid Item 5;
(e) 3 each do, Bit Item 6;
(8) 2300 l.f. removing preeent 26-in. dia. penstock from present reservoir to power house, and re-laying same in Govt. trench and backfilling of same;
(9) 10 c.y. furnishing in place all reinforced concrete anchors; with angle iron collars welded on pipe, as shown on plans and in specifications;
(10) extra force account work, if and when requested by written order of the superintendent, will be performed at actual cost for labor and materials plus 15 per cent thereof, said percent to cover profit, overhead, use of tools, equipment, etc., and including workmen's compensation and liability (this percentage must not be changed);
(11) if fabricated material is shipped on Govt. Bill of Lading from factory to destination, the following reduction in the aggregate bid price will be allowed from factory at ..... to Gardiner, Mont. Approx. wt. .....

ALTERNATE ITEMS
(12) 1100 l.f. furnish and install 18-in. inside diameter pipe, 10 gauge plate thickness as herein specified;
(13) 6600 l.f. furnish and install 15-in inside diam. pipe, 10 gauge plate thickness as herein specified;
(14) 3 each furnish and install Dresser type couplings as shown on plans, for above Bid Item No. 13;
(15) 50 c.y. removing present manholes and replacing with new reinforced concrete manholes, as

shown on plans and specifications.

NOTE: Above items 12, 13, 14 and 5 for auxiliary pipe and enlarged manholes on Swan Lake Flats, are subject to cancellation within Sixty (60) days after award of contract, and the materials therefor shall not be ordered by the contractor until he is specifically notified in writing by the Government that funds are available therefor.

The town of Gardiner, Montana, at the north entrance to the Park, is the terminus of a branch line of the Northern Pacific Railway. The haul from Gardiner to the site of the work will be 5 to 10 miles of good highway, the work being located over a distance of five miles.

Complete bids follow:

a) Total of principal items (1 to 10);
b) Total of alternative items (12 to 15);
c) Total Items (1 to 10 and (12 to 15);
d) Less freight allowance under Item (11);
e) Net bid at plant.

(A) Steel Tank & Pipe Co. of California, Berkeley, (a) $56,085.75; (b) $18,576.50; (c) $74,662.25; (d) $9,317; (e) $65,345.25.

(B) Consolidated Steel Corp., Los Angeles, (a) $61,976.79; (b) $17,564.44; (c) $79,541.23; (d) $10,800.01; (e) $68,741.22.

(C) Puget Sound Machinery Depot, Seattle, (a) $82,481.00; (b) $27,969.00; (c) $110,450; (d) $10,150; (e) $100,300.

(D) Taggart Const. Co., Cody, Wyo. (a) $78,238.25; (b) $21,421; (c) $102,659 (d) $. . . ; (e) $102,659.

(E) Southwest Welding & Mfg. Co., Alhambra, Calif., (a) $86,525.50; (b) $30,993.65; (c) $117,519.15; (d) $10,926.57; (e) $106,592.58.

(F) Merritt, Chapman & Scott, San Francisco, (a) $81,809; (b) $30,925; (c) $112,734; (d) $3,458; (e) $109,276.

(G) S. Birch & Sons Const. Co., Great Falls, Mont., (a) $110,915; (b) $44,470; (c) $155,385; (d) $.....; (e) $155,385.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 4.65	$ 5.715	$ 7.15	$ 7.00	$ 7.90	$ 6.75	$ 8.75
(2)	5.39	6.611	7.90	8.00	8.45	8.50	9.40
(3)	6.29	7.328	8.85	10.00	9.52	10.00	11.80
(4)	3.03	2.875	4.10	3.87	4.57	4.45	6.00
(5)	1.51	1.863	2.50	2.32	2.66	2.80	5.00
(6)	1.90	1.79	2.45	2.22	2.73	3.15	5.00
(7a)	32.00	26.69	25.00	22.00	45.00	30.00	35.00
(7b)	32.00	27.24	25.00	32.00	45.00	30.00	35.00
(7c)	33.00	27.62	26.00	33.50	45.00	30.00	35.00
(7d)	10.50	7.76	10.00	11.00	13.90	10.00	20.00
(7e)	5.75	4.58	6.00	6.25	9.40	8.00	15.00
(8)	3.11	2.64	4.95	3.60	3.41	3.50	6.25
(9)	35.00	27.50	25.00	45.00	42.50	84.00	50.00
(10)	.....	.....	.	.	. .	. . . .	.....
(11) See Notes.			.....	.....	.....	.....	.....
(12)	2.54	2.574	3.70	3.25	4.28	4.30	5.70
(13)	2.12	2.018	3.35	2.85	3.71	3.70	5.40
(14)	13.50	13.08	13.00	12.00	16.55	25.00	20.00
(15)	35.00	27.50	35.00	40.00	35.00	34.00	50.00

Following are the freight deductions under Item (11): the time of commencement and time of completion:

(A) $11 on Items 1, 2 and 3; $22 on 5, 6, 8, 12, 13; no deductions on items 7 and 9; shipping point, Berkeley. Will begin in 10 days, complete in 120 days.

(B) $18.2125 per ton; 36 tons from Chicago; 557 tons from Los Angeles. Will begin in 10 days and complete in 130 days.

(C) $10,150 (lump sum) for 487 tons; shipping point, Seattle. Will begin in 10 days and complete by Nov. 1.

(D) No deduction. Will start in 10 days and complete in 150 days.

(E) $10,926.57 (lump sum) for 379 tons from Alhambra. Will commence in 10 days and complete before Nov. 1.

(F) $3,458 (lump sum) for 520 tons; shipping point, Chicago. Will start in 10 days and complete in 100 days.

(G) No deduction. Will start in 10 days and complete in 120 days.

All bids referred to Roger W. Toll, Park Supt., for award. *

LOS ANGELES COUNTY—Bridge Widening — (State)

LOS ANGELES COUNTY, Cal.—R. Bishop, 5017 East Broadway, Long Beach, at $13,730.25 (as previously reported) submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the widening of four 30-ft. spans on a reinforced concrete girder bridge across Newhall Creek, at Newhall, Los Angeles County.

The work involves:

(1) 1100 cu. yds. struct. excav.;
(2) 110 tons asphalt concrete;
(3) 600 sq. yds. asph. paint binder;
(4) 68,000 lbs. bar reinf. steel;
(5) 465 cu. yds. Class A Portland cement concrete;
(6) 10 cu. yds. Class F Portland cement concrete (railing);
(7) 645 lbs. bronze expansion plates;
(8) 12 cu. yds. conc. remove and dispose of;
(9) 150 lin. ft. temporary railing;
(10) 1 lot misc. items of work.

Total bids follow:

(A) R. R. Bishop, Long Beach, $12,730.25.
(B) Parish Bros., Los Angeles, $13,824.25.
(C) Oscar Oberg, Los Angeles, $14,090.05.
(D) E. S. and M. S. Johnson, Pasadena, $14,457.00.
(E) Byerts & Dunn, Los Angeles, $14,862.50.
(F) Lynch-Cannon Co., Los Angeles, $16,145.75.
(G) Oswald Bros., Los Angeles, $16,567.00.
(H) Griffith Co., Los Angeles, $17,592.30.
(I) Contracting Engrs., Los Angeles, $21,012.00.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(A)	$1.25	$ 4.00	$ .10	$ .039	$15.50	$60.00	$ .35	$10.00	$ 2.00	$750
(B)	1.00	5.00	.05	.045	16.91	50.00	.35	10.00	1.20	200
(C)	.70	4.00	.04	.04	18.60	47.00	.29	10.00	1.40	500
(D)	1.25	4.40	.05	.054	18.00	50.00	.40	10.00	2.00	300
(E)	1.00	4.00	03	.045	17.00	40.00	.30	8.00	1.00	1500
(F)	1.15	2.75	.10	0375	21.85	50.00	.40	12.50	2.00	600
(G)	1.25	4.25	.03	.053	20.00	90.00	.30	7.00	1.50	400
(H)	2.00	5.00	.07	.04	22.57	60.00	.45	10.00	2.50	200
(I)	4.50	6.00	.10	.045	20.00	60.00	.60	10.00	2.50	1500

(9) overhaul of concrete aggregates —(fixed at ten cents per cu. yd mile).

BIDS WANTED

SAN FRANCISCO.—Until June 5th, 2:30 P. M., bids will be received by the Department of Public Works, Rm 251, City Hall, under Spec. No. 18,843 for installing Section "C" of the Marina District Extension to Auxiliary Water Supply System for Fire Protection, in the area bounded by Van Ness Ave., Beach St., Baker St. and Lombard St. Estimated cost, $128,000

The work involves:

Cast Iron Pipe and Special Castings In Place

(1) 20 l.f. 20-in. Class G bell and spigot, lugged;
(2) 4565 l.f. 14-in. Class H bell and spigot, plain;
(3) 276 l.f. 14-in. Class H bell and spigot, lugged;
(4) 1237 l.f. 14-inch Class H double spigot, plain;
(5) 120 l.f. 14-inch Class H double spigot, lugged;
(6) 4209 l.f. 12-in. Class H bell and spigot, plain;
(7) 480 l.f. 12-in. Class H bell and spigot, lugged;
(8) 4037 l.f. 12-inch Class H double spigot, plain;
(9) 444 l.f. 12-inch Class H double spigot, lugged;
(10) 3189 l.f. 10-inch Class H double spigot, plain;
(11) 216 l.f. 10-inch Class H double spigot, lugged;
(12) 323 l.f. 8-inch Class H bell and spigot, lugged;
(13) 12 12-in. gate valves, in place;
(14) 34 10-in. do;
(15) 42 8-in. do;
(16) 42 standard h.p. hydrants in place

Note: Items 1 to 16 inclusive. Cast Iron Pipe, Valve Hydrants and Special Castings, will be furnished by the City.

(17) 9 12-in. gate valves, furnished & delivered;
(18) 20 10-inch do;
(19) 160,000 lbs. pig lead, furnished & delivered;
(20) 50,000 lbs. cast steel special castings, furnished and delivered;
(21) 80,000 lbs. do;
(22) 41,900 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
(23) 42,800 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(24) 6050 lbs. reinforcing steel, furnished and placed;
(25) 97 c.y. Class B concrete in place;
(26) 11,550 c.y. excavation and backfill;
(27) 55,380 sq. ft. asphalt, concrete pavement (2x6-in.) Class F concrete;
(28) 760 sq. ft. concrete side walk (1-course;
(29) 26 c.y. crushed rock, furnished and placed;
(30) 60 tons bell and spigot pipe or double spigot pipe, without lugs. In classes G to H inc. and in nominal diameters of 8- to 20-in. inclusive;
(31) 9 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In classes G to H including and in nominal diameters of 8- to 20-in. inclusive;
(32) 500 sq. ft. asphaltic conc. wearing surface, 2-in. thick.

Note: Items 17 to 32 inclusive: all materials, including pipe, shall be furnished by the Contractor.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

BIDS WANTED

SUTTER COUNTY, Cal. — Until June 25, 3 P. M., bids will be received by the U. S. Engineer Office, Captain J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 6757, for the construction of three drainage pumping plants along the easterly levee of Sutter By-Pass in Sutter County.

The proposed pumping plants are for the purpose of pumping into Sutter By-Pass run off water intercepted by the easterly levee of the by-pass when conditions are such that this water will not enter the by-pass by gravity flow.

The work involves:

Pumping Plant No. 1, about 1.5 mi. south and 0.5 miles west of Marcuse Station on the Southern Pacific Railway, or about 14 miles south of Yuba City and 1.5 miles west of the Garden Highway.

(a) Removing existing buildings and temporary pumping and electrical equipment.

(b) Removing existing sump pump unit.

(c) Completing construction of pump house, including foundation for pumps and motors, building being 18-ft. 4-in. wide x 48-ft. long x 23-ft. high (structural steel frame, reinforced concrete walls, reinforced concrete roof with tar and gravel surface).

(d) 1 Traveling crane, hand operated, 8-ton capacity.

(e) Galvanized steel trash racks.

(f) 3 pumping units with a combined capacity of at least 140 cu. ft. per second, under a total dynamic head of 13 ft.

(g) 2 check vlaves in discharge pipes for Pumps No. 1 and No. 2.

(h) 3 cast iron flanged transition sections.

(i) One 10-in. vertical sump pump, direct connected to 220 volt motor, 3 phase, and three transformers of 2200 to 110/220 volts.

(j) 3 transformers, self-cooled, oil immersed, single phase, 11,000 to 2,-200 volt, together with concrete foundation and outside steel switch and bus structure, including lighting arrestors, 11,000 volt fuses, mountings and disconnecting switch and surrounding fence.

(k) Electric switching equipment, conduits and flood lights, wiring and accessories complete about plant.

(l) Electric lighting system about plant and cottage with fixtures and accessories complete.

(m) One operator's cottage of six rooms, including plumbing fixtures, piping, electric wiring, fixtures, and painting complete.

(n) Septic tank with service connections to cottage.

(o) Pressure water system complete including deepening of present well and extending casing; and automatic electric driven water pressure system including all electrical connections, capable of delivering 800 gals. per hour against a pressure of 40 lbs. per sq. in. with 150 gal. pressure tank.

Pumping Plant No. 2, about 1.5 mi. north and 5.5 miles west of Tudor Station on the Southern Pacific Railway, or about 8 miles south and 5 miles west of Yuba City, and 6 miles west of the Garden Highway.

(a) Removing existing buildings and temporary pumps and electrical equipment.

(b) One 10-in. vertical centrifugal sump pump, direct connected to 220 volt, 3 phase induction motor.

(c) Completing construction of pump house, including foundations for pumps and motors, the building being 22-ft. wide x 70-ft. long x 26-ft. high (structural steed frame, reinforced concrete walls, reinforced concrete roof with tar and gravel surface.

(d) One traveling crane, hand operated, 10-ton capacity.

(e) Galvanized steel trash racks.

(f) 5 pumping units with a combined capacity of at least 775 cu. ft. per second, under a total dynamic head of 13 ft. for Pumps No. 1 and No. 2, and 15 ft. for Pumps No. 3 and No. 4 and No. 5.

(g) 5 cast iron flanged transition sections.

(h) 2 motor generator sets and rheostats with combined capacity sufficient for proper excitation of the total installed horsepower of main pump motors. Motors shall be 220 volt, 3 phase, 60 cycle, direct connected to 125 volt D.C. generators.

(i) 3 transformers, self-cooled, oil immersed, single phase, 2200 to 220/110 volts of sufficient capacity to satisfactorily operate motor generator sets, sump pump, primer and lighting system.

(j) 3 transformers 11,000 to 2200 volt, together with concrete foundations, fencing, and outside steel switch and bus structure, including lighting arrestor, lighting fixtures, 11,000 volt fuses and mountings and disconnecting switches.

(k) Electric switching equipment, flood lights, conduits, wiring, and accessories, complete about plant.

(l) Electric lighting system about plant and cottage, with fixtures and accessories complete.

(m) One operator's cottage of six rooms, including plumbing fixtures, piping, electric wiring, lighting fixtures, and painting complete.

(n) Septic tank with service connections to cottage.

(o) Pressure water system complete including deepening of present well and extending casing; and automatic electric driven water pressure system, including all electrical connections, capable of delivering 800 gals. per hour against a pressure of 40 lbs. per sq. in., with 150 gal. pressure tank; water pipes to and about plant and cottage, with drinking fountain and hose bibbs in the pumping plant.

Pumping Plant No. 3, about 2.0 mi. south and 1.5 miles west of Sutter City Station on the Sacramento Northern Railway, and about 0.5 miles south of the Franklin Road.

(a) Removing existing buildings and temporary pumping and electrical equipment.

(b) Construction of sump: (1) Excavation; (2) Concrete work.

(c) Construction of pump house complete, including foundation of timber piles about which shall be driven 24-in. diameter steel cylinders in which a cage of reinforcing steel shall be placed. Floor of plate steel supported by structural steel framing. Structural steel frame for building and transformer platform. Corrugated galvanized iron roofing and siding.

(d) Galvanized steel trash racks.

(e) 4 pumping units with a combined capacity of at least 180 cu. ft. per second under a total dynamis head of 11 feet.

(f) 4 check valves in discharge pipes

(g) 4 flexible couplings bet. pump discharge check valves and welded steel transition.

(h) 4 welded steel transitions from conduit to flexible couplings.

(i) 3 transformers, self-cooled, oil immersed, single phase, 11,000 to 440 volts, and 1½ KW. 440/110 volts, dry type transformer, for lighting purposes, together with steel switch and bus structure, lighting arrestors, fuses and mountings, and 11,000 volt disconnecting switch and surrounding fence.

(j) Electric switching equipment conduits, wiring and accessories complete about the plant.

(k) Electric lighting system about plant with fixtures and accessories complete.

Trade-in allowance is to be made for the following used equipment:

AT PLANT NO. 1:

(1) one 75-hp. 440 v., 3 phase, 60 cycle, G. E. induction motor, Type I 10-75A-720, Form K 720 rpm No. 108,642 with starting compensator;

(2) one 15-hp., 440 v., 3 phase, 60 cycle G. E. induction motor, Type I 10-75A-720, Form K 720 rpm., No. 180017 with starting compensator;

(3) one 150-hp., 440 v., 3 phase, 60 cycle G. E. induction motor, Type I 10-150-720, Form K, 695 rpm., No. 1420537 with starting compensator;

(4) two 20-in. Krogh horizontal belt driven, double suction, centrifugal pumps.

(5) one 24-in. Price do.

AT PLANT NO. 2

(1) one 150-hp., 440 v., 3 phase, 60 cycle, Stanley-G. E. electric induction motor, Type A, 600 rpm., No. 113774 with starting compensator;

(2) three 200 hp., 440 v., 3 phase, 60 cycle, Type SC Westinghouse induction motors, 345 rpm., Serial Nos. 2458486, 2458487, 2458488, with starting compensators;

(3) one 24-in. Price horizontal, belt driven, centrifugal pump;

(4) three 36-in. Byron Jackson Type S direct connected horizontal centrifugal pumps.

AT PLANT NO. 3:

(1) one 75-hp. 440 v., 3 phase, 60 cycle, G. E. induction motor 695 rpm with starting compensator;

(2) one 30-in. Byron Jackson horizontal, belt driven, double suction centrifugal pump.

Bids will be canvassed on the net price bid for the completed pumping plants plus estimated operating costs based on expected operation conditions in a period of 20 years.

Cost is estimated at $450,000, which will be provided from a PWA allotment of $1,500,000 for Sacramento River Flood Control work.

CONTRACT AWARDED

SOUTH PASADENA, Los Angeles Co., Cal.—Pittsburgh-DesMoines Steel Co., 629 Rialto Bldg., San Francisco, awarded contract by the South Pasadena City Council May 22, at $15,400 for furnishing and erecting a 150,000-gallon steel water tank in connection with the Raymond Ave. water system.

Complete bids published May 17.

BIDS WANTED

LOS ANGELES, Cal.—Until June 25, 2:30 P. M., bids will be received by Veterans Administration, Room 76 Arlington Bldg., Washington, D. C. for furnishing and installing deep well pumps at the Veterans Administration Facility, Los Angeles.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto. No deposit required.

BIDS WANTED

FOLSOM, Sacramento Co., Cal.—Until June 18, 2 P. M., bids will be received by State Department of Public Works, Sacramento, for furnishing and installing one 300-hp. water tube boiler and equipment at the State Prison, Folsom.

Specifications may be obtained from George B. McDougall, State Architect, Public Works Building Sacramento, upon deposit of $25.

BIDS OPENED

SAN CARLOS, Ariz.—Bids for furnishing and installing 1500-gal. capacity surge tank for the San Carlos Reservation Project under Bid No. 0172 were opened by the U. S. Indian Irrigation Service, Room 524, 751 S Figueroa St., Los Angeles, May 22.

The bids were:

Consolidated Steel Corp., Ltd., Los Angeles, $138 fob Los Angeles; delivery 5 days; terms net.

Buehler Tank & Welding Works, Los Angeles, $173 fob Los Angeles; delivery 10 days; terms net.

National Tank & Mfg. Co., Los Angeles, $170 fob Los Angeles; delivery 9 days, or $194 fob Coolidge; delivery 15 days; terms net.

Western Pipe & Steel Co., Los Angeles, $225 fob Los Angeles; delivery 10 days; terms net.

Western Pipe & Steel Co., Phoenix, $236 fob Phoenix; delivery 7 days; terms net.

Arizona Steel & Pipe Co., Phoenix, $168 fob Phoenix; delivery 7 days, or $174.66 fob Coolidge; delivery 8 days; discount 1%.

Southwest Welding & Mfg. Co., Inc. Alhambra, $194 fob Alhambra; delivery 7 days; terms net.

Union Tank & Pipe Co., Los Angeles, $197 fob Los Angeles; delivery 6 days; terms net.

Lacy Mfg. Co., Los Angeles, $200 fob Los Angeles; delivery 8 days, or $240 fob Coolidge; delivery 11 days; terms net.

BIDS WANTED

HONDO, Los Angeles Co., Calif.—Until June 17, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors for furnishing and erecting a new 48-in. I. D. welded steel stand trap riser for an elevated water tank to be installed at the dairy at Rancho Los Amigos, Hondo (near Downey).

Specifications call for completion of the work within 45 working days; contractor to furnish all anchor bolts occuring in concrete foundation, place templates, remove existing catwalk, furnish and install metal support and all inside pipe (including 6-in. overflow pipe from high water level inside tank to bottom of riser), pipe, nipples, and blow-off valve at bottom of riser and painting work. The work does not include concrete piping or the removal of the existing 10-inch riser.

Mame B. Beatty, clerk of the board, 501 Hall of Records.

Plans and specifications may be obtained from the office of Wm. Davidson, Los Angeles County Chief Mechanical engineer, 1001 Hall of Records.

34— PARKS & PLAY-GROUNDS

BIDS REJECTED

HONOLULU, T. H. — U. S. Navy Department rejected bid for landscaping the grounds of the U. S. Immigration Station at Honolulu, T. H. Only bid received was submitted by Mid-Pacific Establishment, Honolulu, T. H., at $4735.

CHALMER MUNDAY

Attorney-at-Law — Notary Public
Bankruptcy, Mechanics' Liens
Builders' Contracts

405 Montgomery St., San Francisco
Suite 524-529 — Phone DOuglas 4070

SAN FRANCISCO—Van Ness Ave. South Widening—(City)

SAN FRANCISCO — M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $8810.60 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,862, for widening the roadway of Van Ness Ave. South, between 21st and 24th Streets.

The work involves:

(1) 3400 l.f. granite curb, redressed and reset;
(2) 12 catchbasins, complete;
(3) 3 do existing gratings to be used;
(4) 15 concrete curb inlets;
(5) 174 l.f. 10-inch VCP culvert, in place;
(6) 260 sq. yd. remove existing asphalt conc. pavement, consisting of a 6-in. concrete base and an asphalt conc. wearing surf., where directed;
(7) 10,200 sq. ft. 8-in. Class E concrete pavement;
(8) 210 tons asphalt conc. form pave.
(9) 9800 sq. ft. one-course concrete sidewalk;
(10) 300 sq. ft. asphalt-macadam sidewalk, consisting of a 4-in. macadam base and a 1½-in. asph. concrete wearing surface;
(11) 9 street signs, reset;
(12) 60 type No. 1 galv. sheet iron pedestrian cross walk markers, in place;
(13) 220 cross walk markers removed and reset;
(14) 10,200 sq. ft. 1-in. asph. concrete wearing surface to be removed by burning, where directed;
(15) 100 sq. ft. 6-in. Class E concrete base.

Total bids follow:

(A) M. J. Lynch, $8810.60.
(B) Charles L. Harney, $8860.10.
(C) Theo. Cohn, $8938.80.
(D) A. G. Raisch, $8988.
(E) Union Paving Co., $9108.50.
(F) Fay Improvement Co., $9252.78.
(G) Pacific Pavements Co., Ltd., $9,757.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .50	$ .55	$ .40	$ .75	$ .53	$ .40	$ .25
(2)	90.00	80.00	80.00	65.00	61.00	77.00	75.00
(3)	60.00	60.00	60.00	50.00	45.00	60.00	60.00
(4)	10.00	6.00	5.00	10.00	11.00	11.00	15.00
(5)	1.00	1.40	1.70	1.50	1.75	3.22	2.50
(6)	.06	.07	.10	.15	.10	.12	.25
(7)	.25	.28	.32	.25	.30	.28	.37
(8)	6.00	5.25	5.00	4.40	5.00	4.98	6.00
(9)	.12	.12	.12	.125	.12	.15	.13
(10)	.06	.087	.10	.10	.12	.09	.12
(11)	5.00	5.50	5.00	5.00	5.00	6.00	6.00
(12)	.10	.30	.20	.30	.25	.20	.25
(13)	.10	.12	.10	.10	.10	.10	.10
(14)	.04	.021	.04	.02	.05	.05	.06
(15)	.20	.25	.25	.20	.20	.23	.30

All bids referred to the City Engineer and the PWA.

FENCING—OAKLAND PORT COMMISSION

OAKLAND, Calif. — Following bids received by City of Oakland Port Commission for furnishing fence materials and gates for Outer Harbor and Ninth Ave. Terminal, Oakland.

Quantities follow:

(1) line fence, per l.f.;
(2) 3-in. end posts, each;
(3) 3-in. corner posts, each;
(4) 3-in. gate posts, each;
(5) 4-in. gate posts, each;
(6) 6⅝-in. gate posts, with 7-ft. gate each;
(6a) do, with 10-ft. gate, each;
(7) 3-ft. gate, each;
(8) 12-ft. swing gate, each;
(9) 18-ft. swing gate, each;
(10) 28-ft. swing gate, each;
(11) 30-ft. swing gate, each.

Bidders follow:

(A) California Wire Cloth Co., San Francisco.
(B) Western Steel & Wire Co., San Francisco.
(C) Frauneder Ornamental Iron Co., Oakland.
(D) Pacific Coast Fence Co., Oakland.
(E) Wickwire Spencer Co., S. F.
(F) West Coast Wire & Iron W'ks, San Francisco.
(G) Maxwell Hardware Co., Oakland.
(H) Wayne Iron Works, S. F.
(I) Ralph W. Waterhouse, S. F.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 1.33	$ .847	$ .856	$ .82	$ .847	$ 1.05	$ .92	$ .847	$ .868
(2)	10.30	6.56	6.60	6.75	6.56	8.10	10.17	6.66	6.72
(3)	13.80	8.79	8.85	8.70	8.79	10.87	9.62	8.79	9.00
(4)	10.30	6.56	6.60	6.75	6.56	8.10	7.17	6.50	6.72
(5)	14.60	9.30	9.39	9.20	9.30	11.50	10.18	9.30	9.53
(6)	36.50	23.26	24.45	23.00	23.26	28.74	26.00	23.26	23.84
(6a)	44.00	.....	.....	.....	28.05	.....	.....	28.05	.....
(7)	16.50	10.50	10.60	10.50	10.50	12.90	11.49	10.50	10.76
(8)	66.00	42.00	42.40	41.50	42.00	51.90	45.96	42.00	43.12
(9)	99.00	63.00	63.60	62.00	63.00	77.90	68.94	63.00	64.68
(10)	182.00	115.92	117.00	115.00	115.92	143.00	126.84	115.92	128.71
(11)	165.00	105.00	106.00	104.00	105.00	129.90	114.90	105.00	107.80

Western Steel & Wire specified 2% for cash.
Pacific Coast Fence Co specified 2%, ten days.
Maxwell Hardware Co. specified 2%, ten days.
All other bidders net.

E. M. HUNDLEY

Building Hardware Specialist
SARGENT BUILDERS' HARDWARE
Member Builders' Exchange
662 Mission Street - San Francisco - Phone DOuglas 6386-6387

U S POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

Bids June 26 for Bay Span Lighting Contract

S. F. Permits for May Total $1,137,000

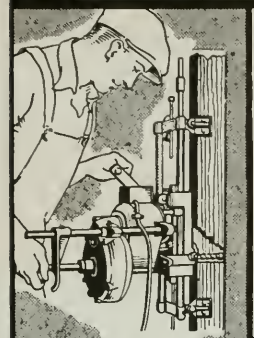
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

E 8, 1935

Vol. XVIII—No. 23

WAPPAT Electric TOOLS



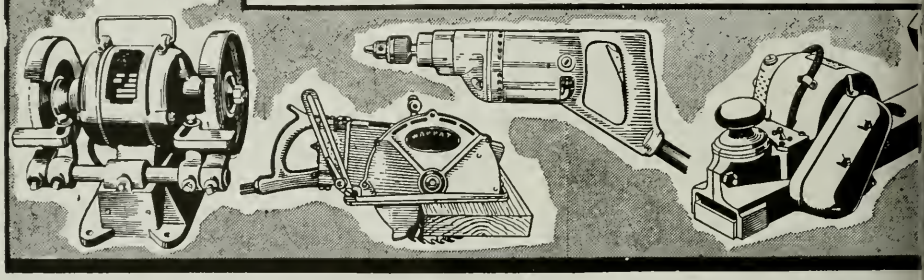
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angele
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfactio

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angel

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JUNE 8, 1935 No. 23

LESURE LOW ON CONTRACT FOR TIMBER BRIDGES

Highway Commission Opens Bids on Construction and Other Work

SACRAMENTO, June 5. — Low bid for the construction of two redwood timber bridges on the Carmel-San Simeon route in Monterey county was submitted to the State Highway Commission today by E. T. Lesure, 87 Ross Circle, Oakland, at $92,728. The spans will be constructed across Pfeiffer Canyon about 33 miles south of Monterey and across Torre Canyon, 38 miles south.

Following bids were received:

E. T. Lesure, Oakland	$ 92,728
Harry J. Oser, S. F.	94,763
F. C. Amoroso & Sons, S. F.	103,115
M. B. McGowan, Inc., S. F.	103,611
Peninsula Paving Co., S. F.	103,930
Rocca & Co., San Rafael	106,194
R. R. Bishop, Long Beach	106,585

Three bids were received for construction of a reinforced concrete bridge across the North Fork of the Yuba River at Downieville, Sierra County, the low figure being that of Chas. Kuppinger, Box 536, Lakeport at $35,458.

Following are complete total bids

Chas. Kuppinger, Lakeport	$35,458
Lord & Bishop, Sacramento	37,389
A. H. Seimer and John Carcano, San Anselmo	38,364

Bids for paving with asphalt concrete a section of about one mile in the city of Merced were received as follows:

Valley Paving and Const. Co., Fresno	$44,036
Union Paving Co., S. F.	45,372
Stewart & Nuss, Inc., and John Jurkovich, Fresno	48,179
Pacific States Const. Co., San Francisco	53,113
A. J. Raisch, San Jose	54,876
Hanrahan-Wilcox Corp., S. F.	55,887

Following are the bids for grading and surfacing about 2.1 miles in Mono County, between Bodie Road and Point Ranch:

Kennedy Const. Co., Oakland	$36,222
Basich Bros., Torrance	38,325
Gogo & Rados, Los Angeles	42,453
Bayshore Const. Co., S. F.	54,550

$123,880 Bid of Piombo Bros. on Airport Contract

A bid of $123,880 by Piombo Bros. & Company, 1571 Turk Street, was the lowest of five proposals received by the San Francisco Public Utilities Commission for construction of field fill for extension of the landing field at the municipal airport.

Bidding varied considerably, a range of more than $47,000 being represented between the low and high figures.

The work will require approximately 240,000 cubic yards of fill, 50,000 cubic yards of rock surfacing, and removal of about 20,000 cubic yards of old levee.

Total bids submitted were as follows:

Piombo Brothers & Co.	$123,880
Bayshore Construction Co.	124,600
Peninsula Paving Co.	139,200
MacDonald & Kahn Co., Ltd.	169,100
Healy-Tibbitts Const. Co.	171,100

The Commission also received bids for relocating a portion of the Alameda pipeline on El Camino Real in San Mateo, the only proposal submitted being that of M. J. Lynch, Barnevald and Oakdale Avenues, at $2,170. The work involves removal of 150 feet of pipe from the Newark-San Lorenzo Pipeline and relaying it in the new location, and other items

KERN PLANNING NEW PWA PROGRAM

Kern county supervisors will meet June 10 with a representative committee of citizens to formulate a list of improvements that may be undertaken with PWA assistance.

A new county library building will be among the first projects considered.

MILL OPENS

Opening of the Empire Mill at 2800 Third Street, San Francisco, is announced by H. W. Gaetjen, manager. Telephone number is VAlencia 0678.

S. F. PERMITS NEARLY DOUBLE YEAR AGO TOTAL

May Contracts, $1,137,323; Home Building Continues To Gain

San Francisco building permits in May totaled $1,137,323, the dollars for the second time this monthly total exceeding a million dollars for the second time this year. The March total was $1,148,746. An increase of $468,000 over April total is due principally to public school building awards. Residential building and other classes of private work, however, all showed moderate increases.

The number of permits issued was 570, identical with the April figures. Number of permits issued in May this year gained 69 over May of last year, but the value of work is nearly double. Permits for frame buildings, numbered 80 with a value of $341,412 compared with 16 in May last year valued at $40,300. The number in April was 76 and the value, $298,825.

Permits in the first five months total $4,438,923 compared with $2,755,833 in the same period a year ago.

Following is the comparison for various classes of work in May as reported to Director of Public Works W. H. Worden by S. J. Rosenblum, chief clerk for the Central Permit Bureau:

	May, 1935		May, 1934	
Class.	No. P'mts	Est. Cost	No. P'mts	Est. Cost
A	7	$ 72,500	1	$ 3,000
B	....	.....	1	25,000
C	8	68,980	2	5,500
Frames	80	341,412	16	40,300
Alter.	472	243,042	476	252,035
Public	3	411,389	3	204,103
Harbor	....	.....	1	65,939
U. S. Govt.	....	.....	1	17,540
Total	570	$1,137,323	501	$613,417

INSPECTORS APPOINTED

Herbert W. Treichel, Redwood City contractor, has been appointed inspector for the school district on reconstruction of Sequoia Union High School buildings. The contract has been awarded to P. J. Walker Co. School directors commissioned the Abbott A. Hanks laboratory to test materials.

SEQUOIA SCHOOL CONTRACT LET TO P. J. WALKER

Six Offer Bids For Reconditioning Redwood City Buildings

REDWOOD CITY, June 3. — A contract for repairing and strengthening the group of buildings comprising Sequoia Union High School was awarded tonight to P. J. Walker Co., Sharon Bldg., San Francisco on a low bid of $51,997. The work includes structural reconditioning to comply with the provisions of the state earthquake safety act.

The school trustees voted to make the award to the low bidder immediately after receiving figures tonight. Bids were submitted as follows:

P. J. Walker Co., S. F.	[illegible]
Frank J. Reilly, S. F.	52,831
Carl N. Swenson, San Jose	57,864
DeLucca & Son, S. F.	60,777
C. L. Wold Const. Co., S. F.	61,337
Alfred H. Vogt, S. F.	67,300

The reconditioning work is being supervised by H. J. Brunnier, structural engineer.

STANDARD ADOPTED FOR ASPHALT TILE

Copies of the revised commercial standard for asphalt and mastic tile, No. TS-2103, have been sent to producers, installing contractors and users of asphalt floor tile for approval as a basis for publication by the National Bureau of Standards. The revised standard was adopted by the Asphalt and Mastic Tile Association at its meeting in Pittsburgh on March 20, 1935.

As compared to the draft of May 3, 1934, the revision is identical with the exception that the minimum indentation at one minute is reduced from 0.009 in. to 0.008 in., with a corresponding maximum indentation at ten minutes of 0.012 inch. The wording of paragraphs 7 and 16 (a) have been modified for clarity, and under table 1 a tolerance of not to exceed plus 0.002 inch has been inserted.

EXPOSITION ELECTS 3 NEW DIRECTORS

Election of three San Francisco men as additional members of the board of directors of the San Francisco Bay Exposition, Inc., has been announced by Atholl McBean, chairman of the board.

The new directors are Postmaster Wm. H. McCarthy; Maurice E. Harrison, attorney and former chairman of the Democratic State Central Committee, and Judge Matt I. Sullivan, former chief justice of the California State Supreme Court and president of the State Commission to the 1915 world's fair.

3-1 Vote Approves $50,000 Bonds for San Rafael School

Voters of San Rafael this week approved by a majority of nearly three to one a $50,000 bond issue to finance construction of a new grammar school building.

Plans and specifications for the building will be completed immediately by Architect N. W. Sexton of San Rafael, according to N. C. Brusatori, president of the school board.

Application will be made to the Federal Public Works Administration for a grant, bonds sold and contracts for the work let as rapidly as possible.

According to present plans the new building will be erected on the site of the old grammar school at Fourth and E streets in San Rafael. Preparations for the work are being speeded in order that the school may be ready for occupancy by next summer.

Port and Schools Head San Jose PWA Work List

Efforts of San Jose city and Santa Clara county officials will be directed toward three major PWA projects as that locality's share of work-relief construction, it has been decided. The city and county will unite to secure funds for the following:

1. The Port San Jose project, for which a $675,000 PWA grant and $1,075,000 bond issue will be sought, the port district election to be held probably in July and the bond election in September.
2. The building of two new high schools for $1,250,000, with a PWA grant and state purchase of the partially burned building reducing the bond election to $700,000—this election probably following the port election.
3. Building a fireproof wing to the county hospital for $300,000 with the county providing $175,000 from current funds and the remainder provided by a PWA grant.

LOAN $76,000 FOR STOCKTON DWELLINGS

Eighteen loans totaling $76,073 under Title II of the National Housing Act have been made in Stockton, according to Guy Crane, chairman of that city's better housing campaign. The loans completed range from $3,000 to $10,000, Mr. Crane states, the average being $4,226.

Ground-breaking ceremonies for Stockton's $6,800 model home will be held June 15. Plans for the six-room demonstration house were prepared by Architect Jos. Losekann. C. Elves Totten is the general contractor.

ASK $950,000 FOR REMODELING STATE CAPITOL

Reduced Rentals Would Pay For Adding Two Wings To Building

Remodeling of the State Capitol building by adding two wings at an estimated cost of $950,000 has been recommended by the state legislature by the Senate Finance Committee

Offices now housed in rented buildings at Sacramento would occupy the wings. Savings in rents would pay for the improvement in ten years, proponents declare.

Both wings would be added to the east side of the Capitol, one at the rear of the Assembly chambers and one at the rear of the senate. The program includes remodeling rooms on the fourth floor and other space occupied by the legislative branches to provide offices for various state agencies.

Completed in 1869 to house the necessary departments of state government, the present capitol building was outgrown as California developed. Now, it contains only the constitutional offices, legislative chambers, inadequate committee rooms and miscellaneous offices.

Other departments overflowed into four large separate buildings which accommodate courts, State library, many offices, the State printing plant, division of motor vehicles, highway patrol and department of public works. In addition, the State rents an entire building occupied by the board of equalization.

GOVT. TAKING BIDS FOR BOULDER PIPE

Bids for furnishing approximately 1,000,000 pounds of pipe, fittings and valves for the Boulder Power Plant at Boulder City, Nev., are to be opened July 8 by the U. S. Bureau of Reclamation at Denver, Colo. The materials will be inspected by the government.

Specifications may be obtained from the Bureau of Reclamation, Denver or Washington, D. C., at a copy.

COLUSA BUILDERS URGE ORDINANCE

Colusa Builders' Exchange has requested the Colusa City Council to adopt new ordinances regulating plumbing and electrical installations. Earle Watson, president of the exchange, directed the council's attention to inadequacies in the city's regulation and supplied copies of ordinances effective in other cities for consideration of councilmen.

San Francisco-Oakland Bridge Lighting Contract Advertised; Bids Open June 26

SACRAMENTO, June 4.—Bids will be opened in San Francisco, June 26, at the office of the San Francisco-Oakland Bridge Commission for electrical work on the Bay Bridge and the approaches. The contract will include lighting, communication and fog signal equipment, navigation lights and airway beacons.

Fifty-three bid items are listed in the proposal form. These cover supply stations, six sub-stations, battery station. control station, distribution and control cable, twelve types of lighting standards and nine types of luminaire units. The installation requires 514 lighting standards and 873 luminaire units.

Specifications are available at the office of Chief Engineer C. H. Purcell, 500 Sansome Street, San Francisco. A charge of $50 will be made for each set issued, with a refund of $40 when issued, with a bid forms will be issued only to those contractors who have furnished a verified statement of experience and financial condition satisfactory to the State Department of Public Works.

Three other contracts also were authorized for advertising today by the State Highway Commission, bids to be opened June 26 and 27 in Sacramento and Los Angeles. The projects are located as follows:

Siskiyou County: Grading about 8 miles between Cougar and four miles northeast of Grass Lake Station. The work will require, among others, major items of approximately 157,000 cubic yards unclassified roadway excavation; 881,000 station yards overhaul; 58,000 cubic yards imported borrow, and 1,264 feet of corrugated metal pipe. Bids open June 26 in Sacramento.

Sonoma County: Widening and surfacing with cement concrete and asphalt concrete about 1.2 miles in Santa Rosa between College Ave. and the south city limits. Major bidding items include 13,720 cubic yards unclassified roadway excavation; 6,460 tons of asphalt concrete; and 491 cubic yards of Class A Portland cement concrete, and others. Bids open in Sacramento June 26.

Los Angeles Co.: Grading and surfacing with cement concrete or asphalt concrete about 2.1 miles on Paritos Avenue between Los Angeles Street and Artesia Ave. The work involves 20,500 cubic yards roadway excavation; 1,066,000 station yards overhaul; 12,400 tons of asphalt concrete or 5,535 cu. yds. of Class A Portland cement concrete, and numerous other items.

Contracts were awarded today to Fredrickson & Watson Construction Co and Fredrickson Brothers, Oakland, at $36,554 for 2.8 miles grading and surfacing in Alpine County and to Chas. L. Harney, San Francisco, at $20,936 for widening and paving about one-tenth of a mile on Fifth Street in San Francisco.

PWA FORM 61 IS ELIMINATED

...Orders to eliminate PWA Form No. 61 from all contracts on projects not yet advertised were received by A. D. Wilder, acting state director, in a telegram from Washington, Saturday. Form No. 61 relates to compliance with codes of fair competition. The message also advised local PWA officials that compliance by sub-contractors and material dealers on contracts already let would not be required.

The text of the telegram follows:

"There should be deleted from all contract documents on contracts for which advertisements not yet approved all paragraphs relating to NRA. PWA Form No. 61 not required to be furnished by sub-contractors or material suppliers on contracts already let. As to contracts now being advertised if there is sufficient time before date set for opening to issue addendum waiving PWA No. 61 and contract provisions relating to NRA such addendum may be issued."

(Signed) Horatio B. Hackett,
Assistant Administrator

ORE VEIN UNCOVERED BY HIGHWAY BLAST

Two employees of the Isbell Construction Company recently abandoned the construction industry as a career when a blast fired on the highway job on which they were working about eight miles east of Eastgate, Nev., uncovered a dyke of ore estimated to run from $5 to $200 a ton, chiefly in silver, it is reported.

The men are said to have been prospecting in the area while employed on the highway project, and when the blast uncovered a dyke 150 feet wide they left their work as road builders and staked out 16 claims.

NEW EXCHANGE MEMBERS

Members recently elected by the San Francisco Builders' Exchange include J. di Cristina & Son, stair builders; Wm. Healey & Son, insurance brokers; Sartorius Co., Inc. ornamental iron and bronze dealers.

MET. DISTRICT WORK ASSURED BY BOND SALE

RFC to Purchase Additional $36,000,000 Water Uroject Securities

Agreement this week by the Reconstruction Finance Corporation to purchase an additional $36,000,000 of Metropolitan Water District of Southern California bonds, assuring initial construction on the districts transmission line, storage reservoirs and distributing lines, carries another step nearer completion the $220,000,000 project which eventually will provide the Los Angeles area with water from the Colorado River.

Construction of the 237-mile transmission line from Hoover Dam to the various pumping plants along the route of the aqueduct will cost approximately $5,000,000. The proposed line will be a 230 kv. steel tower transmission line. The line will be constructed in the form of an inverted "Y", beginning at the dam and running south, the two branches extending from Goffs, west of Needles, one to the river intake and the other to plants just east of Haver's Summit, terminating at Hayfield. The conductor will be 500,000 circular mill copper or equal. The line will require approximately 6,000,000 lbs. of copper wire or equivalent aluminum and the towers about 6000 tons of structural steel.

The Cajalco Dam, which will provide terminal storage for the aqueduct, will be located 7 miles east of Corona and 9 miles south of Riverside. Construction will be of the earth-fill type, with concrete facing. The structure will be about one-half mile in length, 190 feet in height, and will involve about 7,300,000 cu. yds. of material. The cost is estimated at $3,000,000.

The distributing system will involve probably 150 miles pipe lines connecting the Cajalco reservoir with the various cities in the district. Details of the distributing system construction program are not available at this time.

NAME CITY SCHOOL WORK INSPECTORS

Appointment of Leland & Haley, 58 Sutter Street, as inspectors for mechanical, plumbing and electrical work on all buildings now under construction under the $3,500,000 school bond program, has been announced by Wm. H. Worden, director of the San Francisco Department of Public Works.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
525	Spreckels	Presco	3000
526	Madison	Beetham	1600
527	Christensen	Owner	4000
528	MacDonald	Owner	4000
529	Schell	Owner	5000
530	Stedger	Malloch	2000
531	Bodinson	Owner	2150
532	Gries	Owner	1200
533	Sullivan	Moore	1250
534	Southern	Owner	2000
535	Gavazza	Sbarboro	6000
536	Lyman	Anza	3000
537	Pettingell	Owner	1800
538	Porter	McCabe	5000
539	McCarthy	Anza	3000
540	Lyman	Anza	3000
541	Capocelli	Jensen	2000
542	Hoeffler	Owner	1500
543	Hoeffler	Owner	1500
544	S. P. Co.	Owner	1800
545	Bartholomew	Nelson	8974
546	Haas	Jacks	1500
547	Salvation	Lindgren	15000
548	Brodie	Owner	2000
549	Mortorana	Owner	1850

ALTERATIONS
(525) NO. 2 PINE ST. Alter offices.
Owner—J. D. and A. B. Spreckels Co., Premises.
Architect—Geo. Kelham, % Owner.
Contractor—Oscar Presco & Sons, 250 Langton St., S. F. $3000

ALTERATIONS
(526) NO. 1135 HARRISON ST. Alter store.
Owner—James Madison Jr., 1580 Howard St., San Francisco.
Architect—Not Given.
Contractor—A. H. Beetham, 3555 18th St., San Francisco. $1600

DWELLING
(527) E TWENTY-SEVENTH AVE. 100 S Lawton St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(528) POWELL and Sacramento Sts.; alter apartments.
Owner—Graeme MacDonald, Huntington Apartments.
Architect—E. M. Sharpe, 525 Market. $4,000

ALTERATIONS
(529) NW 11th St. and Minna; alter tire shop—addition.
Owner—Samuel Schell, 1370 6th Ave.
Architect—Not Given. $5,000

ALTERATIONS
(530) NW FULTON ST. and Fifth Ave.; alter store.
Owner—O. P. Stedger, 628 Montgomery Street.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street. $2,000

OFFICES
(531) E BAYSHORE 250 N Visitacion; two-story frame offices.
Owner—Bodinson Mfg. Co., 2401 Bayshore Blvd.
Architect—W. H. Weeks, 525 Market Street. $2,150

ALTERATIONS
(532) 90 HAZELWOOD; alter dwelling.
Owner—F. A. Gries, 201 California St.
Architect—Not Given. $1,200

ALTERATIONS
(533) NO. 3760 JACKSON STREET. Alter dwelling.
Owner—Mrs J. F. Sullivan, Premises.
Architect—Edgar Preston Ames, 251 Kearny St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., S. F. $1250

ADDITION
(534) N BERRY ST. 193 E Fourth St. One-story frame warehouse addition.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—J. H. Christie, 65 Market St., San Francsicp. $2000

FLATS
(535) S UNION ST. 125 E Polk St. Two-story and basement frame flats.
Owner—Joe Gavazza, % Contractor.
Architect—Not Given.
Contractor — Sbarboro & Jorgensen, 2225 North Point St., S. F. $6000

DWELLING
(536) N NORIEGA ST. 27 W 23rd Ave. One-story and basement frame dwelling.
Owner—M. Lyman, % Contractor.
Architect—Not Given.
Contractor—Anza Home Bldg. Co., 1498 36th Ave. $3000

ALTERATIONS
(537) NO. 291 WHEELER ST. Alter dwelling.
Owner—Paul A. Pettingell, Premises.
Architect—Not Given. $1800

DWELLING
(538) S NORTH POINT ST. 154 W Buchanan St. Two-story and basement frame dwelling.
Owner—Dr. C. C. Porter, 135 Alhambra St., San Francisco.
Architect—Not Given.
Contractor—James W. McCabe, 716 Ulloa St., S. F. $5000

DWELLING
(539) E TWENTY-SECOND AVE. 25 S Judah St. One-story and basement frame dwelling.
Owner—G. H. and M. E. McCarthy, % Contractor.
Architect—Not Given.
Contractor—Anza Home Bldg. Co., 1498 36th Ave., S. F. $3000

DWELLING
(540) N NORIEGA ST. 53 W 23rd Ave. One-story and basement frame dwelling.
Owner—M. Lyman, % Contractor.
Architect—Not Given.
Contractor—Anza Home Bldg. Co., 1498 36th Ave. $3000

ALTERATIONS
(541) NO. 2701 PACIFIC AVE. Alter dwelling.
Owner—Renato Capocelli, % Architect.
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., S. F. $2000

FLATS
(542) N ALTA ST. 216 E Montgomery St. (rear). Two-story frame flats.
Owner—Ian W. and Rose Hoeffler, 225 Filbert St., San Francisco.
Architect—Not Given. $1500

FLATS
(543) N ALTA ST. 216 E Montgomery (2nd Part Rear). Two-story frame flats.
Owner—Ian W. and Rose Hoeffler, 22 Filbert St., San Francisco.
Architect—Not Given. $150

ALTERATIONS
(544) W FOURTH ST., bet. Channel and Third Streets. Alter warehouse.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—J. H. Christie, 65 Market St., San Francisco. $18

DWELLING
(545) NE ST. GERMAIN & GLENbrook. Two-story frame dwlg.
Owner — Frank H. Bartholomew, 10 Portola St., San Francisco.
Architect—Masten & Hurd, 233 Pos St., San Francisco.
Contractor—Frank F. Nelson, Inc., Edgehill Way, S. F. $89

ALTERATIONS
(546) NO. 1020 MARKET ST. Alte store.
Owner—Walter Haas Estate, % Architect.
Architect — Gardner A. Dailey, 2 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., S. F. $15

ALTERATIONS
(547) NO. 115 VALENCIA ST. Alte office and living quarters.
Owner—Salvation Army, Prsm.
Architect—D. D. Stone, 110 Sutter St San Francisco.
Contractor — Lindgren & Swinerton 225 Bush St. $15,0

ALTERATIONS
(548) NO. 2565 WASHINGTON ST Alter apartments.
Owner—Frank C. Brodie, 1281 Missio St., San Francisco.
Architect—Not Given. $20

STORE
(549) SW FORTY-SIXTH AVE AN Judah St. One-story frame stor
Owner—Frank Mortorana, 1558 Gro St., San Francisco.
Architect—Not Given. $18

ALAMEDA COUNTY

No.	Owner	Contractor	Am
339	Pacific	Owner	20
340	Confer	Confer	65
341	Sawyer	Cedarborg	96
342	Nace	Crocker	55
343	Topping	Hammarberg	50
344	Johnson	Owner	50
345	Renbrook	Sorensen	36
346	American	Owner	300
347	Ludemann	Bonds	65
348	Maxwell	Owner	30
349	Peiava	Petersen	32
350	O'Connell	Flagg	40
351	Dunn	Vila	13
352	Waters	Vila	10
353	Valerga	Vila	15
354	Beard	Whalin	10
355	Taylor	Owner	27
356	Wernecke	Owner	20
357	Delta	Armstrong	15
358	Atkinson	Pickrell	78
359	Denton	Zwaal	55
360	Anderson	Owner	12
361	Hansen	Jensen	100
362	Stark	Anderson	34
363	Dooley	Owner	45
364	Peretti	Strong	25
365	Custachy	Gaubert	10
366	De Forrest	Thrams	1

(339) PARK ST. AND BLANDING Ave., **ALAMEDA.** Move back Park St. front of galvanized shed to new property line.
Owner — Pacific Coast Aggregates, Premises.
Architect—Not Given. $2000

RESIDENCE
(340) NO. 25 WISTARIA WAY, **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—F. L. R. Confer, 2812 Russell St., Berkeley.
Architect—F. L. R. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 2812 Russell St., Berkeley. $6500

RESIDENCE
(341) NO. 81 WILDWOOD GARDEN, **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—Mr. and Mrs. Kent Sawyer, 432 Pacific Ave., Piedmont.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. Cedarborg, 1455 Excelsior Ave., Oakland. $9600

DWELLING
(342) NO. 5021 PROCTOR AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—H. M. Nace, % Contractor.
Architect—Not Given.
Contractor — H. L. Crocker Jr., 30 Wilding Lane, Oakland. $5500

DWELLING
(343) NO. 411 BOYNTON STREET, **BERKELEY.** One-story six-room frame dwelling and garage.
Owner—H. F. Topping, 54 Scenic Ave., Berkeley.
Architect—Not Given.
Contractor—A. Hammarberg, 2340 Le Conte, Berkeley. $5000

DWELLING
(344) 4272 DETROIT AVE., **OAKLAND;** one-story 6-room dwelling.
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(345) 1066 QUEENS ROAD, **BERKELEY;** one-story 3-room frame dwelling and garage.
Owner—H. Kenbrook, 9 Geary Street, San Francisco.
Architect—Shaw & McCool, S. F.
Contractor—Walter Sorensen, 2940 Piedmont Ave., Oakland. $3665

(346) 750 ASHBY AVENUE, **BERKELEY;** one-story forge shop.
Owner—American Forge Co., 25 Tehama St., San Francisco.
Engineer—K. Theill, 580 Market St., San Francisco. $30,000

DWELLING
(347) 5871 ST. PAUL COURT, **OAKLAND;** one-story 7-room dwelling.
Owner—John Ludemann, 20 Elrod Avenue, Oakland.
Architect—Not Given.
Contractor—Milton S. Bonds, 583 Srpuce St., Berkeley $6500

DWELLING
(348) E SKYLINE BLVD. 300 North Evergreen Ave., **OAKLAND;** two-story 6-room dwelling.
Owner and Contractor—D. E. Maxwell, 974 Ridgewood Rd., Oakland.
Architect—Paul V. Tuttle, Randolph Ave., Oakland. $3000

DWELLING
(349) NO. 8121 HOLLY STREET, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—J. Peiava, 8139 Holly Street, Oakland.
Architect—Not Given.
Contractor — J. B. Petersen & Son, 4021 Agua Vista Ave., Oakland. $3200

DWELLING
(350) NO. 1700 MOUNTAIN BLVD., **OAKLAND.** One-story five-room dwelling.
Owner—M. O'Connell, 757 56th Street, Oakland.
Architect—Not Given.
Contractor—J. F. Flagg, 4021 E-14th St., Oakland. $4000

ALTERATIONS
(351) NO. 425 MOSS AVE., **OAKLAND.** Alterations.
Owner—Thos. F. Dunn, 425 Moss Ave. Oakland.
Architect—Not Given.
Contractor—Joe Vila, 1297 Solano Ave. Albany. $1336

ALTERATIONS
(352) NO. 471 MOSS AVE., **OAKLAND.** Alterations.
Owner—Mrs. Walters, Premises.
Architect—Not Given.
Contractor — Joe Vila, 1207 Solano Ave., Albany. $1000

ALTERATIONS
(353) NO. 634 THIRTY-EIGHTH ST. **OAKLAND.** Alterations.
Owner—M. I. Valerga, 634 38th St., Oakland.
Architect—Not Given.
Contractor — Joe Vila, 1207 Solano Ave., Albany. $1500

ADDITION
(534) 2619 HAVENSCOURT BLVD., **OAKLAND.** Addition.
Owner—Mrs. Waldo E. Beard, Prem.
Architect—Not Given.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland. $1000

DWELLING
(355) NO. 2808 EIGHTH AVENUE, **OAKLAND.** One-story 4-room dwelling and one-story garage.
Owner—F. S. Taylor, P. O. Box 95, Fruitvale.
Architect—Not Given. $2750

ALTERATIONS
(356) NO. 2930 AVALON STREET, **BERKELEY.** Alterations.
Owner—L. Wernecke, Premises.
Architect—Not Given. $2000

ADDITION
(357) NO. 2710 CHANNING WAY, **BERKELEY.** Addition.
Owner— Delta Gamma Sorority, Prem.
Architect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $1500

RESIDENCE
(358) NO. 127 BELL ST., **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—R. H. Atkinson, 6946 McAndrew Drive, Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 332 Santa Clara St., Piedmont. $7800

DWELLING
(359) NO. 6235 ASCOT DRIVE, **OAKLAND.** Two-story 6-room dwlg.
Owner—Vera and Grace Denton, 4117 Mountain Blvd., Oakland.
Architect—C. A. Phillips, 1463 Hopkins St., Berkeley.
Contractor—L. Zwaal, 2839 Delaware St., Oakland. $5500

DWELLING
(360) NO. 7848 HILLMONT DRIVE, **OAKLAND.** One-story 2-room dwelling and one-story chicken house.
Owner—J. Fred Anderson, 1238 E-34th St., Oakland.
Architect—Not Given. $1200

DWELLING
(361) NO. 6135 ACACIA AVENUE, **OAKLAND.** Two-story seven-room dwelling.
Owner—R. C. Hansen, Premises.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—Jensen & Pederson, 3443 Adeline St., Oakland. $10,000

DWELLING
(362) NO. 4036 WHITTLE AVENUE, **OAKLAND.** One-story 5-room dwelling.
Owner—Bruno Stark, 44 Crocker Ave. Piedmont.
Architect—Not Given.
Contractor—Chas. Anderson, 3917 Park Blvd., Oakland. $3400

DWELLING
(363) NO. 3632 REDWOOD ROAD, **OAKLAND.** One-story 6-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4500

(364) NO. 714 BUENA VISTA AVE., **ALAMEDA.** One-story three-room frame and stucco dwelling.
Owner—A. Peretti, 734 Lincoln Ave., Alameda.
Architect—Not Given
Contractor — L. Strong, 429 Haight Ave., Alameda. $2500

ALTERATIONS
(365) NO. 3333 FRUITVALE AVE., **OAKLAND.** Alterations.
Owner—M. S. Custachy, 13th Ave. and E-14th St., Oakland.
Architect—Not Given.
Contractor—Gaubert Bros., 4755 Brookdale Ave., Oakland. $1000

ALTERATIONS
(366) NO. 518 SPRUCE ST., **OAKLAND.** Alter residence and alter garage.
Owner—Roy DeForrest, 1620 Webster St., Oakland.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland. $1350

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
109	Shainwald	Johnson	2879
120	Johnson	Filippis	234
121	Talbot	Quandt	644
122	Vollmer	Jensen	18776

STATION
(119) SE LEAVENWORTH AND McAllister Sts. All work for service station and facilities.
Owner—Wm. C. McDuffie (receiver of Richfield Oil Co. of Calif.), 555 S-Flower St., Los Angeles.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Filed May 29, '35. Dated May 21, '35. On 1st and 16th of each month 85% Usual 35 days ..... Balance
TOTAL COST, $2070
Bond, $1035. Surety, Christopher M. Jenks. Limit, June 29, 1935. Forfeit, plans and specifications, none.

ALTERATIONS
(120) 245 PALMETTO; exterior painting of and miscellaneous repairs to dwelling.
Owner—B. A. and Marie Johnson, 245 Palmetto.
Architect—Not Given.
Filed, June 1, '35. Dated, May 23, '35.
Contractor—V. Filippis.
HOLC Contract.
TOTAL COST, $234
Bond, $234. Sureties, U. S. Fidelity & Guaranty Company.

PAINTING
(121) NE EIGHTH AND NATOMA Sts., known as 165 Eighth St. All work for exterior painting, etc., of building.
Owner—Talbot Investment Co.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor — A. Quandt & Sons, 374 Guerrero St., San Francisco.
Filed June 4, '35. Dated May 22, '34.
When completed $483
Usual 35 days..... 161
TOTAL COST, $644
Bond, $322. Surety, Indemnity Insurance Co. of North America. Limit, June 14, 1935. Forfeit, none. Specifications only filed.

DWELLING
(122) LOT NO. 21 (as corrected) Lansdale Ave. in Blk 2992, Subdivision No. 1, Sherwood Forest. All work for two-story and basement frame dwelling.
Owner—Dr. and Mrs. Albedt M. Vollmer, % Architect.
Architect — J. R. Miller and T. L. Pflueger, 580 Market St., S. F.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., S. F.
Filed June 4, '35. Dated, ——.
Frame completed $4694
Brown coat plaster on..... 4694
When completed 4694
Usual 35 days..... 4694
TOTAL COST, $18,776
Bond, $9388. Sureties, N. P. Anderson and James Ringrose. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
34	Loustalet	Webb	2397
33	Hansen	Pedersen	9088

RESIDENCE
(33) LOT 14 BLK H, Claremont Pines Oakland. All work for two-story frame residence and garage.
Owner—Christian R. Hansen.
Architect—Wm. Edw. Schirmer, Bank of America Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Filed May 29, '35. Dated May 21, '35.
Frame up $2272
1st coat plaster on..... 2272
When completed 2272
Usual 35 days..... 2272
TOTAL COST, $9088
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

BUILDING
(34) 1735 TENTH ST., Berkeley; erection of a building.
Owner—Maria Loustalet, 1735 Tenth St., Berkeley.
Architect—Not Given.
Contractor—Webb and Whalin, 2930 22nd Ave., Oakland.
Filed May 31, '35. Dated, May 29, '35.
Plastered $799
Completion 799
40 days after completion..... 799
TOTAL COST, $2397
Limit, 45 days.

SAN FRANCISCO UNDER $1000

SIGN, electric, $100; 2092 Third St.; owner, Transfer Corner, Premises contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $100; 55 Third Street; owner, M. Taussig, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

SIGN, electric, $100; 1525 Pine Street; owner, Dan's Diner, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, $5; 1065 Market Street, owner, Clark-Gandlon Co., Inc., Premises.

SIGN, electric, $100; 24 Turk Street; owner, Tiny's Waffle Shop, Prem. contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $100; SW 16th & Bryant Sts.; owner, Larkins, Prem.; conaractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, $500; 2947 Mission St.; owner, O. P. Sidger, 628 Montgomery St.; architect, A. R. Denke, 1429 Broadway, Oakland; contractor, V. Filippis, 666 Mission

SIGN, electric, $100; Donahue & Hudson, Hunter's Point; owner, Little Cliff House, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $100; 632 Post Street; owner, Post Tavern, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

SIGN, electric, $100; 548 Market St.; owner, Globe Coffee Shop, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, $5; 1065 Market St.; owner, Clark-Gandion Co., Inc., Premises.

ALTER dwelling, $150; 131 Arkansas St.; owner, Andrew W. Firpo, 122 Connecticut St.; contractor, John Munson, 2419 15th St.

SIGN, electric, $100; 1600 Fillmore St. owner, Majestic Tavern, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

ALTER store, $500; adjoining 435 Post St., west side; owner, Women's City Club, 435 Post St.

ALTER dwelling, $850; 2245 17th Ave.; owner, Wm. L and Alina Lea Smith, 2245 17th Ave.

ALAMEDA COUNTY UNDER $1000

BILLBOARD, $20; Santa Clara Ave. west of High St., Alameda; owner, Foster & Kleiser Co., 22nd and Market Sts., Oakland.

HOT house, $170; 3262 Thompson Ave. Alameda; owner, C. F. Hibbard, Premises.

ALTERATIONS, $142; 1814 Central Ave., Alameda; owner, California Mutual Bldg. & Loan Co., 2230 Broadway, Oakland.

ADDITION to frame dwelling, $160; 1814 Santa Clara Ave., Alameda; owner, Mrs. M. L. Smith, Prem.; contractor, L. Cook, 2228 Pacific Avenue.

ADD to rear of dwelling, $500; 1326 Burbank St., Alameda; owner, W. K. Mitchell, 1442 9th Ave., San Francisco.

ALTER store for restaurant, $150; 1336 Park St., Alameda; owner, J. L. Delaney, Central Ave. & Park St.; contractor, J. H. Pickrell, 332 Santa Clara Ave.

BILLBOARD, $15; Webster St. near Eagle Ave., Alameda; owner, Foster & Kleiser Co., 22nd and Market Sts., Oakland.

RE-ROOF, $138; 917 Walnut St., Alameda; owner, G. Reynolds, Prem.; contractor, New Art Roofing Co., 1307 Fruitvale Ave., Oakland.

REBUILD front and rear steps of dwelling, $130; 1443 5th St., Alameda; owner, Mr. De Freitas, Prem.; contractor, J. M. Aitchison, 752 Pacific Ave.

ALTERATIONS, $96; 433 Central Ave., Alameda; owner, Mrs. Ellen Leslie Premises.

RE-ROOF, $140; 2046 San Antonio Ave., Alameda; owner, Mr. Bauch, Premises.

ALTERATIONS, $100; 857-59 28th St., Oakland; owner, The Womens Art & Industrial Club; contractor, R. J. Barr, 874 41st St.

ALTERATIONS and addition, $375; 2658 23rd Ave., Oakland; owner, D. A. Bruce, Premises.

WRECK building, $300; 5104 Dover St., Oakland; owner, Childrens Hospital of East Bay, Premises; contractor, C. F. Roberts, 9373 Market Street.

ALTERATION and addition, $650; 1708 E-38th St., Oakland; owner, Cora C. Myers, 3912 Linwood Avenue; contractor, V. E. Sigge, 3912 Linwood Ave.

GARAGE, one-story, $150; 4165 Norton Ave., Oakland; owner, Fred I. Norman, Premises.

ADD boiler room, $750; 8825 G St., Oakland; owner, Hazel Atlas Glass Co., Premises; contractor, H. H. Larsen, 64 South Park, S. F.

ALTERATIONS, $195; 2270 Ransome St., Oakland; owner, K. Harrower Prem.; contractor, Parrish Bros., 1203 83rd Ave.

ADDITION, $200; 3846 Telegraph Ave. Oakland; owner, Joe Cozina, 3846 Telegraph Ave.

SIGNS (2) metal, $15 each; 4801 E-14th St., Oakland; owner, Calif. Furnace Co., Premises.

SIGN, metal, $100; 2547 E-14th Street, Oakland; owner, Phil Davis, Prem. contractor, Willis F. Lynn, 10373 Ashmount Ave.

ALTERATIONS, $100; 1028 Pine St., Oakland; owner, Alexandro Terrandori, Premises.

ALTERATIONS, $225; 809 54th Street, Oakland; owner, L. Bianchi, 8090 54th Street.

ADDITION, $575; 2853 Vallecito Place, Oakland; owner, Tony Castango, 2853 Vallecito Place; contractor, Wiggins & Swanson, 3906 Laguna Avenue.

ALTERATIONS and repairs, $170; 9151 63rd St., Oakland; owner, Frank Brown, Premises.

RE-ROOF, $150; 2215 11th Ave., Oakland; owner, L. W. Ohlson, 2215 11th Avenue.

ADDITION, $350; 2808 Summit St., Oakland; owner, J. M. Jellett, 5398 Belgrave Place.

ADDITION, $390; 5529 Fleming Ave., Oakland; owner, Frederick Smith, Premises.

ADDITION, $180; 3423 Hannah St., Oakland; owner, Manuel Monteria, Prem.; contractor, Jos. Silva, 1580 34th St.

SIGN, metal, $15; 1946 Franklin St., Oakland; owner, Power Seal Co., Premises; contractor, Oakland Sign Co., 579 18th St.

SIGNS, metal, $5; 3831 E-14th Street, Oakland; owner, Anns Beauty Salon, 3831 E-14th St.

SIGN, electric, $175; 458 11th Street, Oakland; owner, Palace Barber Shop, Prem.; contractor, Radiant Neon Displays, 2561 San Pablo Avenue.

ALTERATIONS, $75; 2552 Grove St., Berkeley; owner, ——; contractor, Western Roofing Co., 1250 24th St., Oakland.

ALTERATIONS, $375; 1885 Solano St., Berkeley; owner, Bolton; contractor, H. K. Henderson, 20 Avis Rd.

ALTERATIONS, $150; 2277 Shattuck Ave., Berkeley; owner, Dr. H. Spiro, 56 Scenic Way.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bands
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

— APARTMENTS

ub-Contracts Awarded.
PARTMENTS Cost, $25,000
ALINAS, Monterey Co., Calif.
wo - story frame and stucco apartments (ten 3-room apts.) steam heating system, hardwood floors, tile roofing, tile baths, etc.
wner—Wm. Carpenter.
rchitect—Chas. Butner, 51 Maple St., Salinas.
ontractor—Sam Trondhjem, 45 Geil St., Salinas.
lumbing — Anderson, Dougherty, Hargins Co., Salinas.
lectric Wiring—Salinas Electric Co., Salinas.
eating — Anderson, Dougherty, Hargins Co., Salinas.
ile Work — Kigney Tile Co., 3012 Harrison St., Oakland.
oncrete — Granite Constr. Co., Salinas.
teel Sash—Bates Carpenter & Co., 604 Mission St., San Francisco.
lass—W. P. Fuller & Co., 301 Mission St., San Francisco.
ardwood Floors — Finn Hardwood Floor Co., Watsonville.
on Grille Work—Engfer Iron Wks., San Jose.
umber—Sterling Lumber Co., Salinas
rading and Foundations — Granite Constr. Co., Salinas.
rick and Stone Work—Chas. Hoosier Salinas.
rnamental Iron—Engfer Iron Works, San Jose.

o Be Done By Day's Work.
LTERATIONS Cost, $5,000
AN FRANCISCO. Powell and Sacramento Streets.
lterations to Francisca Apartments (work involves plumbing, electrical work, tile work, millwork, etc.)
wner—Graeme MacDonald, Huntington Apartments.
rchitect—Ed. M. Sharpe, 525 Market Street.
The architect will supervise construction.

ontract Awarded.
DDITION Cost, $2000
AKLAND, Alameda Co., Cal. No. 1727 48th Avenue.
ddition to apartments.
wner—J. LeBarss, 1437 46th Avenue, Oakland.
rchitect—Not Given.
ontractor — Melrose Builders, 1700 47th Ave., Oakland.

3— CHURCHES

To Ask Bids Within One Week.
HURCH Cost, $30,000
ORTH SACRAMENTO, Sacramento County, Calif.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.

Work Started.
ALTERATIONS Cost, $6000
SAN FRANCISCO. 1645-49 Hayes St.
Alterations to social hall of church (first unit).
Owner—Latter Day Saints Church (C. W. Nalder, Bishop).
Architect—Pope & Burton, 2102 Buckingham Road, Los Angeles.
Contractor—M. L. Hill, 1359 Hayes St.

4 — FACTORIES & WAREHOUSES

Plans Being Prepared.
WAREHOUSE AND OFFICE $——
SAN FRANCISCO. Harrison & Veronica Place.
One and two-story reinforced concrete warehouse and office building (storage shed, etc.)
Owner—Steelform Contracting Co., 131 Perry St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

To Be Done By Day's Work.
ADDITION Cost, $2,500
SAN FRANCISCO. N Berry St. 193 E Fourth.
One - story frame addition to warehouse.
Owner—Southern Pacific Co., 65 Market Street.
Plans by Engineering Dept. of Owner (J. H. Christie, Chief Engineer).

Contract Awarded.
WAREHOUSE, ETC. Cost, $60,000
ASTI, Sonoma Co., Cal.
Reinforced concrete warehouse and wine tanks.
Owner—Italian Swiss Colony, 781 Beach St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

To Be Done By Day's Work.
REHABILITATE BLDG. Cost, $——
OAKLAND, Alameda Co., Calif. Old Parr Terminal.
Rehabilitate old Western Sulphur plant
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Labor will be furnished by SERA and materials purchased in the open market by the Port Commission.
Estimated cost of materials is $1250.

Contract Awarded.
FACTORY Cost, $12,000
SAN FRANCISCO. NW Bryant and Oak Grove Streets.
One-story Class C concrete industrial plant (composition roofing, concrete floors, etc.)
Owner—O. J. and L. W. Williams.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Sub-bids are in and will be awarded within a few days.

Contract Awarded.
FISH PLANT $40,000 incl. machinery
POINT SAN PABLO, Contra Costa Co., Calif.
One-story frame fish reduction plant (80x125 feet) concrete foundations, concrete floors, machinery, etc.
Owner—Parr Terminal, 1 Drumm St., San Francisco.
Lessee—East Bay Fisheries, Inc. Subsidiary of F. E. Booth Co., 110 Market St., San Francisco.
Engineer—James J. Walsh, 112 Market St., San Francisco.
Contractor—P. M. Sanford, 201 Alta Punta Ave., Richmond.
The lessee will purchase the machinery.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $6000 each
SAN FRANCISCO. North Point St. W Divisadero Street.
Two two-story and basement frame and stucco flats.
Owner and Builder—Thos. R. Sharman, 3700 Broderick St., San Francisco.
Architect—Not Given.

Contract Awarded.
FLATS Cost, $7,000
SAN FRANCISCO. S Union St. 125 E Polk Street.
Two - story and basement frame and stucco flats.
Owner—Joe Gavazza.
Architect—Not Given.
Contractor—Sbarboro and Jorgensen, 2225 North Point St.

Contract Awarded.
FLATS Cost, $1500 each
SAN FRANCISCO. N Alta St. 216 E Montgomery (rear and 2nd part rear).
Two one-story frame flats.
Owner—I. W. and Rose Hoeffler, 225 Filbert St., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
GARAGE Cont. Price, $16,334
HOLLISTER, San Benito Co., Calif.
One - story reinforced concrete garage (100x100 feet) tile and composition roof, concrete floors, etc.
Owner—Tiffany Motor Co., Hollister.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—Lyman Young, R. F. D., Hollister.
Complete bids follow:

Lyman Young, Hollister	$16,334
J. C. Graf, Hollister	18,648
J. A. Lechleiter, Watsonville	18,950
L. Skow, Hollister	18,980
P. T. Wallstrom, Watsonville	19,480

Contract Awarded.
SERVICE STATION Cost, $3000
BURLINGAME, San Mateo Co., Calif. Lot 123, Bl.19, Fawn.
Steel frame service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. NW Howard and Holland Streets.
Alterations to greasing station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. Harold Johnson, 639 Brannan St. San Francisco.

To Be Done By Day's Work.
ADDITION Cost, $6,000
SAN FRANCISCO. NW 11th and Minna Streets.
Alterations and additions to tire shop.
Owner and Builder—Samuel Schell, 1370 Sixth Ave.
Architect—Not Given.

Contract Awarded.
SERVICE STATION Cost, $7,500
LODI, San Joaquin Co., Calif. Pine and School Streets.
Super-service station.
Owner—Standard Oil Co., California Bldg., Stockton.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $6,000
SAN FRANCISCO. NE Seventh and Folsom Streets.
One-story steel service station.
Owner — General Petroleum Corp. of Calif., Higgins Bldg., Los Angeles
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

June 4, 1935
To Be Done By Day's Work.
GARAGE Cost, $2,000
REDWOOD CITY, San Mateo Co. Cal. Middlefield Road.
One-story garage.
Owner—R. C. Stahl, premises.
Architect—Not Given.

7— FEDERAL BUILDINGS

BUILDING MATERIALS APPROVED
HOLLISTER, San Benito Co., Cal. —Treasury Department has approved the following equipment awards for the construction of the U. S. post office at Hollister. K. E. Parker Co., 135 South Park, San Francisco, general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, H. W. Taylor; Co.; water supply pipe, National Tube Co.; pressure reducing valve on water supply, Mueller Mfg. Co.; nonconducting covering for plumbing, Keasbey & Mattison Co.; gas burning water heater, Kewanee Tabasco Co.; sump pump, Chicago Pump Co.; tube radiators, U. S. Radiator Corp.; air valves for radiators and air valves for ends of steam mains, American Radiator Corp.; angle radiator valves, Marsh Valve Co.; non-conducting covering for heating, Keasbey & Mattison Co.; oil heater, Bell & Gossett; lighting distribution panel, Meyers Safety Switch Co.; main switch panel, Trumbull Elec. Mfg. Co.; r. c. wire, General Cable Corp.; receptacles and flush switches, Harvey Hubbell; pendant switches, Pass & Seymour; glassware Gill Glass & Fixture Co. and Moe-Bridge Corp.; lighting fixtures, Perfeclite Co.

BUILDING MATERIALS APPROVED
BELL, Los Angeles Co., Calif.—The Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office at Bell. L. F. Dow Co., 414 Rowan Bldg., Los Angeles, general contractors:
Plumbing fixtures, Washington - Elder Co.; electric water coolers and drinking fountain, Hasley W. Taylor Co.; water supply pipe, Wheeling Pipe Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; gas and oil burner, Simplex Burner Co.; tube and wall radiators, U. S. Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Dole Valve Co.; hangers, Grabler Mfg. Co.

CONTRACT AWARDED
MARE ISLAND, Cal.—San Francisco Elevator Co., 860 Folsom St, San Francisco, at $295 awarded contract by Public Works Officer, Mare Island Navy Yard, for furnishing and installing three elevator safety gates to replace those now in use on elevators in the Medical Supply Depot Building No. 229, at the Navy Yard, Mare Island. Spec. No. 7928.

BIDS OPENED
MARE ISLAND, Calif.—Enterprise Oil Burner Co., 2949 18th St., San Francisco, at $14,650 submited low bid to Public Works Officer, Mare Island Navy Yard, for furnishing and installing necessary apparatus to equip four boilers, Numbers 1 to 14 inclusive, to natural gas operation and for furnishing (but not installing) the necessary apparatus to equip two boilers, Nos. 9 and 10 for natural gas operation, all in the Central Power Plant, Bldg. No. 121 at the U. S. Navy Yard, Mare Island; Spec. No. 7920.
Complete bids follow:
Enterprise Oil Burner Co., San Francisco $14,650
F. W. Snook Co., S. F. 17,792
Scott Co., San Francisco 19,820
Bids held under advisement.

BIDS OPENED
GRAND COULEE DAM, Wash.—A. S. Hansen & Co., 2220 25th Avenue, Seattle, at $21,804 submitted low bid to Bureau of Reclamation at Coulee Dam, for the construction of a garage and fire station at the Grand Coulee Dam, Columbia Basin Project, Wash.
Complete bids follow:
A. S. Hansen and Co., Seattle ..... (1) $21,804
..... (2) 23,186
Clark & Early, Seattle ..... (1) $22,415
..... (2) 23,815
Bids held under advisement.

BIDS WANTED
ALCATRAZ, Cal.—Until June 11, 2 P. M., bids will be received by the Warden, U. S. Penitentiary, Alcatraz, for painting exterior and interior of quarters buildings Nos. 4, 7, 8, 9, 10, 12, 13, 14, 15, 22, 28, 39, 43, 47, 58, 64 72, 73, 74, 75, 76, 77, 83 and 87; painting Invitation No. 351.
Specifications may be obtained from above office.
Bids will be opened at 214, Post Office Bldg., 7th and Mission Sts., San Francisco.

BIDS WANTED
SAN FRANCISCO—Until June 24, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the single attendants quarters and mess hall at the U. S. Quarantine Station, San Francisco.
Specifications may be obtained from above office and from the Custodian of the Building, San Francisco.

BIDS WANTED
SAN FRANCISCO — Until June 24, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office and Courthouse, at San Francisco. Specifications may be obtained from above office and from the Custodian of the buildings at San Francisco.

POSTPONED INDEFNITELY
WALLA WALLA., Washington — Date of opening bids has been postponed indefinitely due to new ruling of the Supreme Court on the NRA, constructing ice cream making pla at the Veterans Administration Fa lity, Walla Walla.

BIDS WANTED
NAPA, Cal.—Bids are being ceived by the Custodian, U. S. P Office, Napa, for repairs, drivew waterproofing, etc., at the U. S. P Office at Napa.

BIDS WANTED
PORT TOWNSEND, Wash. — Un June 10, bids will be received by Custodian, U. S. Quarantine Stati Port Townsend, for four electric frigerators for the Quarantine Stat at Port Townsend.

BID OPENING DATE POSTPONE
AMERICAN LAKE, Wash. — Un June 18, 2:30 P. M. (date postpo from June 4) bids will be received the Veterans' Administration, Arli ton Bldg., Washington, D. C., constructing transformer station transmission line at the Veterans' A ministration Facility, American La.

Additional Sub-Contracts Awarded.
POST OFFICE Cont. Price, $150,
HOLLYWOOD, Los Angeles Co., NW Wilcox and Selma Avenue
Two - story and basement post of (196x115 feet) reinforced concr walls, concrete exterior, was mould work, columns and bea wood roof joists, wood and st sash, cast and wrought iron wo metal clad doors, freight elevat marble wainscot, terrazzo flo in lobby, wood strip floors in work rooms, two vaults, spe lighting fixtures, steam heat, w er heater, skylights, metal sta
Owner—United States Governmen
Architect—Claude Beelman, 1019 Un Bank Bldg., and Allison & A son, 1014 Edison Bldg., Los geles.
Contractor—K. E. Parker Co., 135 Park, San Francisco.
Hollow Metal—A. J. Bayer Co., P. Box 1276, Arcade Station, Los geles.
Linoleum and Cork Carpet—Broadw Dept. Store, Broadway at Fou St., Los Angeles.
Other awards reported May 29.

CONSTRUCTION TRANSFERRE
SAN DIEGO, Cal.—Construction the U. S. Government building at San Diego Exposition has been tra ferred from the State Department the Treasury Department. H. D. L kore, construction engineer from Francisco district office of the pervising Architect, has been assig to the project. Extra shifts are ing used to complete the building, about 70% finished.

BID OPENING DATE POSTPON
PORTLAND, Oregon. — Until J 18, 2:30 P. M. (date postponed June 4) bids will be received by erans' Administration, Arlington B Washington, D. C., for construc alterations to elevator in Bldg. 4 at the Veterans' Administration cility at Portland.

BID OPENING DATE POSTPON
WALLA WALLA, Wash. — U June 18, 2:30 P. M. (date postpo from June 4) bids will be received the Veterans' Administration, Arl ton Bldg., Washington, D. C., construction of an ice cream mal plant at the Veterans' Administra Facility, Walla Walla.

BUILDING MATERIALS APPRO
COLTON, San Bernardino Co., —Treasury Department has appr the following equipment and buil

material awards for the construction of the U. S. post office at Colton. Schuler & McDonald, Oakland, general contractors:

Boiler, Kewanee Steel Corp.; combination oil and gas burner, Enterprise Oil Burner Co.; hot water heater and burner, American Radiator Co.

Low Bidder.

UTILITY BLDG. Cost, $70,000
YELLOWSTONE National Park, Wyo.
One - story and part basement utility building (72½x136.8 ft.) hollow tile and metal partitions, asbestos shingle roof, steam heating plant.
Owner—United States Government.
Plans prepared by National Park Service, 525 Market St., San Francisco.
Low Bidder—McGough Brothers, St. Paul, Minn., $79,889.
Complete bids will be given shortly.

BIDS WANTED

WINNEMUCCA, Nev. — Until June 24, bids will be received by the Branch of Supply, Treasury Dept., Washington, D. C., for painting and repairs at the U. S. post office, Winnemucca.

CONTRACT AWARDED

COOLIDGE, Ariz.— Consolidated Roofing & Supply Co., Phoenix., Ariz., awarded contract by the U. S. Indian Irrigation Service, Room 524, 751 S. Figueroa St., Los Angeles, at $2110, f.o.b. Coolidge, Ariz., for furnishing corrugated asbestos roof for the San Carlos Project, under Bid No. 0169.

PLANNED

SAN FRANCISCO — U. S. Forest Service will include an application for construction funds from Federal Work-relief appropriation and allotment for Regional Headquarters Office Building in San Francisco.

If authorized, building will be Class A structure to contain 50,000 square feet floor space. Site has not been selected.

Complete Bids.

UTILITY BLDG. Cost, $70,000
YELLOWSTONE National Park, Wyo.
One - story and part basement utility building (72½x136.8 ft.) hollow tile and metal partitions, asbestos shingle roof, steam heating plant.
Owner—United States Government.
Plans prepared by National Park Service, 525 Market St., San Francisco.
Low Bidder—McGough Bros., St. Paul Minn., $79,889.
Complete bids follow:

McGough Bros., St. Paul	$79,898
Lovering-Longbotham, St. Paul	79,999
F. B. Anderson, Yellowstone, Wyoming	80,950
J. J. Burke & Co., Salt Lake City	81,478
Continental Const. Co., Chicago	93,840

BUILDING MATERIALS APPROVED

REDONDO BEACH, Los Angeles Co., Calif.—Treasury Dept. has approved the following building material and equipment awards for the construction of the U. S. post office at Redondo Beach. Schuler & McDonald, Oakland, general contractors.

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; indirect water heater, American Radiator Co.; pressure reducing valve on water supply, H. Mueller Mfg. Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Works; tube and wall radiators, Am. Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Jas. P. Marsh Corp.; air valves for radiators and air valves for ends of steam mains, American Radiator Co.; lighting distribution panel, Mullenbach El. Mfg. Co.; r.c. wire, Collyer Insulated Wire Co.; flush switches, Arrow-Hart & Hegeman Co.; glassware, Gill Glass Co. and Moe-Bridges Corp.; pendant switches, Pass & Seymour; lighting fixtures, Perfectite Co.

BUILDING MATERIALS APPROVED

LAURIER, Wash.—Treasury Dept. approved the following building material and equipment awards for the construction of the U. S. Inspection Station at Laurier, Wash. Grover C. Gorsuch, Wenatchee, Wash., general contractor:

Plumbing fixtures, Standard Sanitary Mfg. Co.; brass pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply, Mueller Mfg. Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; tube and wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves and air valves for ends of steam mains, Milwaukee Valve Co.

BUILDING MATERIALS APPROVED

INGLEWOOD, Los Angeles Co., Cal. —Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office at Inglewood. Theo. A. Beyer Corp., Los Angeles, general contractors:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, H. W. Taylor; supply pipe, Wheeling Steel Corp.; pressure reducing valve on water supply, Chas. M. Bailey Mfg. Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; boiler, Fitzgibbons Boiler Co.; tube and wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Milwaukee Valve Co.; gas and oil burner, Ray Oil Burner Co.; air valves for ends of steam mains, Dole Valve Co.; lighting distribution panel and service entrance switch, Mullenbach Mfg. Co.; r. c. wire, Crescent Wire & Cable Co.; flush switches and receptacles, Arrow-Hart & Hegeman Elec. Co.; glassware, Gill Glass & Fixture Co. and Inlaid Glass Co.; pendant switches, Pass & Seymour; lighting fixtures, Mutual Metal Mfg. Co.

BIDS WANTED

SAN FRANCISCO.—Until June 11, 2 P. M., bids will be received by the District Engineer, Room 402, Post Office Bldg., Seventh and Mission Sts., for miscellaneous repairs to stonework, marble, terrazzo, sidewalks, etc. at the U. S. Post Office, 7th and Mission Streets.

Plans and specifications may be obtained from above office. No deposit required.

9— HOSPITALS

June 3, 1935

Plans Being Completed.

HOSPITAL Cost, $48,000
PASO ROBLES, San Luis Obispo Co.
New branch county hospital.
Owner—County of San Luis Obispo.
Architect—A. R. Walker and P. A. Eieen, Pacific Commerce Bldg., Los Angelea.
Application filed with the SERA to furnish labor.

Plans Being Prepared.

HEALTH CENTER Cost, $——
CALISTOGA, Sonoma Co., Calif.
New health center (first unit).
Owner—Dr. J. W. Sooy, Fitzhugh Bldg., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Planned.

HOSPITAL Cost, $60,000
MODESTO, Stanislaus Co., Calif
New county tuberculosis hospital.
Owner—County of Stanislaus.
Architect—Not Given.

PLANNED

FRESNO, Cal.—Fresno County Bd of Supervisors may file an application with the PWA for funds to finance construction of a new kitchen and nurses' home at the general hospital in Fresno. The estimated cost is $40,000.

Sub-Contracts Awarded.

HOSPITAL Cost, $6491
BERESFORD, San Mateo Co., Calif. County Road.
One-story frame and stucco hospital.
Owner—Charles Bennett, 2901 South El Camino Real, San Mateo.
Architect—Leslie I. Nichols, 529 Quinda St., Palo Alto.
Contractor—H. T. Holsher, 325 Elm St., San Mateo.
Roofing—Chas. Izmarium Roofing and Sheet Metal Co., San Mateo.
Plumbing—A. H. Dittmann, Burlingame.
Concrete—M. Camerotto, San Mateo.
Mill Work — Nelson Shirkey, Burlingame.
Glass—Delphin J. Capps, Burlingame.
Lumber—San Mateo Planing Mill, San Mateo.
Painting—Burns & Spencer, San Mateo.
Ornamental Iron—Peninsula Iron W'ks San Mateo.
Lathing and Plastering—C. B. Henderson, San Mateo.
Brick and Stone Work—Chas. Ohran & Sons Burlingame.

New General Bids Wanted—To Close July 2 2:00 P. M.

ATTENDANT QTRS. Cost, $150,000
CAMARILLO, Ventura Co., Cal. Camarillo State Hospital.
Four one- and two-story reinforced concrete attendant quarters buildings (tile roof, steam heating system to connect to main plant, etc.)
Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.

On previous bid opening only bid on general work was submitted by Louis A. Geisler, Huntington Park, at $128,250.

Awards on other portions of the work were made as follows:

Heating—Scott Co., 243 Minna St., ESan Francisco, $6872.
Plumbing—Scott Co., 243 Minna St., San Francisco, $12,787.
Electrical Work—H. H. Walker, 1323 Venice Blvd., Los Angeles, $7427.

Plans and specifications on the general work may be obtained from State Architect upon deposit of $25.

Complete bids published May 22.

BIDS OPENED

SAN FRANCISCO.—E. A. Cornely, Inc., 1452 Bush St., at $173.80 submitted low bid to Material Officer, Marine Hospital, for repairing blow-off line for boiler in heating plant at the Marine Hospital, 14th Ave. and Lake Street.

Complete bids follow:

E. A. Cornely, Inc.	$173.80
M. J. Reeves Heating Co.	198.00
Turner Company	206.00
Fred. W. Snook Co.	279.00

Award recomended to E. A. Cornely, Inc.

10— HOTELS

Sub-Contracts Awarded.

ALTERATIONS Cost, $30,000
SAN FRANCISCO. Powell and Geary Streets.

Alterations to Embassy Room of Hotel St. Francis.
Owner—Crocker Hotel Co., % Contractor.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.
Marble — Vermont Marble Co., 525 Market Street.
Heating, Plumbing and Ventilating—Scott Co., 243 Minna St.
Plastering—James F. Smith, 271 Minna Street.
Ornamental Plaster—August Dackert, 1450 15th Street.

12— POWER PLANTS

BIDS WANTED

YELLOWSTONE NATIONAL PK., Wyo.—Until June 11, 1:30 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for removing the existing equipment, remodeling the power house, and installing two new 300-kw. hydro-electric units, complete, which will be furnished by the Government f.o.b. Gardiner, Mont., at the Mammoth power house in Yellowstone National Park.

Blds will be taken as follows:

(1) Removal of present equipment from power house and from park.

(2) Cash sum offered to purchase equipment removed from power house and park.

(3) Alt. bid for Item (2), trade-in value offered for above equipment.

(4) Concrete and remodeling of the power house: (a) 20 c.y. mass concrete, anchorages, footings, etc.; (b) 15 c.y. floor slabs and thin wall sections. (These prices per c.y. in place will include all tearing out of old material, except equipment and its disposal and the complete rehabilitation of the power house, except painting).

(5) Painting power house.

(6) Unloading and hauling from r.r. cars at Gardiner, Mont., to the power house at Mammoth; installing and testing waterwheels, generators, penstock, manifold, switchboards and all exposed and conduit wiring, including conduit; and installation and wiring gasoline stand-by unit in its permanent position; and all other allied work required to make a complete working installation.

(7) Force account work, for work not now completed or not covered by the specifications, to be done only upon written order of the Superintendent, at actual cost for labor and materials plus 15% thereof to cover profit, overhead and use of equipment and tools, and also the cost of public liability and workmen's compensation.

Separate contracts have been made with the water wheel manufacturers for furnishing the water wheel units and governors and other equipment allied thereto; and with electrical manufacturers for the generators and other electrical equipment, all of which is to be installed by the installation contractor under this contract.

Plans and specifications obtainable from the above office and on file at the office of PACIFIC CONSTRUCTOR.

Roger W. Toll, Superintendent, Yellowstone National Park.

CONTRACT APPROVED

LODI, San Joaquin Co., Cal.—City has approved contract with PWA for loan and grant of $600,000 to construct hydro-electric plant on Mokelumne river and transmission lines to Lodi. Bond election must be called to provide security for loan.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Contracts Awarded.
CITY HALL Cont. Price, $35,088
FAIRBANKS, Alaska.
Two-story reinforced concrete city hall (50-ft. square) mill roof, wood sash concrete floors, etc. (will house clerk's office, firemen's dormitories office, council chamber, fire apparatus room, etc.
Owner—City of Fairbanks.
Architect—Henry Bittman, Securities Bldg., Seattle.
Contractor—Warrack Const. Co., McDowall Bldg., Seattle.
Reinforcing Steel—Pacific Coast Steel Corp., Youngstown, Seattle.
Wiring—O. A. Carlson Electric Co., 2212 2nd Ave., Seattle.
Plumbing—Wilbur & Son, Fairbanks.
Lumber & Cement—Independent Lbr. Co., Fairbanks.
Mill Work—Guarantee Millwork, Inc., 34th and Woodlawn, Seattle.

Additional Sub-Contracts Awarded.
HALL OF RECORDS
Contract Price, $215,190
FRESNO, Fresno Co., Cal. Van Ness Avenue and Tulare Street.
Three - story Class A steel frame and concrete Hall of Records building (two elevators, steam heating plant, sprinkler system, etc.)
Owner—County of Fresno.
Architects—Allied Architects of Fresno (composed of W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson) 304 Rowell Building, Fresno.
Structural Engineers—F. W. Kellberg and Clarkson Swain, 320 Market St., San Francisco.
Mechanical Engineers—Coddington Co. 222 Kearny St., San Francisco.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Miscellaneous and Ornamental Iron—Kyle & Co., 346 G St., Fresno.
Aluminum Work—Anchor Post Fence Co., 460 5th St., San Francisco.
Steel Sash—Michel & Pfeffer Iron Works, 10th and Harrison Streets, San Francisco.
Mill Work—Fresno Planing Mill, H & Monterey Sts., Fresno.
Terrazzo—Consolidated Terrazzo Co., 557 Market St., San Francisco.
Mail Chute—National Ornamental Iron & Bronze Co., 70 Chesley St., San Francisco.
Dumb Waiter—Bates Carpenter Co., 604 Mission St., San Francisco.
Other awards reported May 15.

Site Selected—Plans Being Completed
FIRE HOUSE Cost. $——
SAN JOSE, Santa Clara Co., Calif. Emory and Laurel Streets.
One-story frame and stucco fire house (75x150 feet).
Owner—City of San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Whether bids will be asked or labor furnished by SERA is not decided at this time.

Planned.
HALL OF RECORDS Cost. $125,000
MODESTO, Stanislaus Co., Cal.
Fireproof Hall of Records.
Owner—County of Stanislaus.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded.
KITCHEN AND DINING ROOM
Cont. Price, $2668
ECHO LAKE, Eldorado Co., Cal.
Kitchen and dining room at Echo Lake (wood posts and studs, wood trusses and flooring, small amount of concrete work for footings, shingle roof).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—F. A. Stead, 3206 Bolsa St., Berkeley.
Complete bids follow:
(1) add for wood siding, sash and glass for all outside windows.
Frank A. Stead, Berkeley.....$235[illegible]
.....(1) 27[illegible]
Connor & Connor, Berkeley.....$305[illegible]
.....(1) 27[illegible]
David Nordstrom, Oakland.....$335[illegible]
.....(1) 14[illegible]
Lindgren & Swinerton, Oakland..$443[illegible]
.....(1) 39[illegible]

Material Bids Wanted.
FIRE HOUSE Cost, $12,00[illegible]
BELMONT, Alameda Co., Calif.
One-story frame and stucco fire house (dormitory to house 8 men) work involves concrete, lumber, brick work, plastering, electrical work, tile roof, wall and floor tiling, etc.
Owner—City of Belmont Board of Fire Commissioners.
Architect—Thos. Edwards, 9 Geary St., San Francisco.
Labor will be furnished by SERA and materials purchased by the Board of Fire Commissioners.
Plans and specifications may be inspected in the office of the architect.

Contract Awarded.
ALTERATIONS Cont. Price, $1,4[illegible]
SAUSALITO, Marin Co., Calif.
Alterations to second story of City Hall (work involves new partitions, plumbing, wiring, remodeling the heating system, painting, etc.)
Owner—City of Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Jos. F. Childs, Mill Valley.
Complete bids follow:
Jos. F. Childs, Mill Valley.....$1,4[illegible]
M. E. Vukicevich, S. F.....1,6[illegible]
V. Maggiora, Sausalito.....1,8[illegible]

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $111[illegible] awarded contract by Department of Public Works, for acoustical correction in band practice room No. 10, San Francisco War Memorial Building.

14— RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $—
FORT BRAGG, Mendocino Co., Cal.
One-story frame residence (rustic exterior, shingle roof, etc.)
Owner—Withheld.
Architect—Norman Coulter, 46 Kearny St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,[illegible]
OAKLAND, Alameda Co., Calif. Skyline Blvd. 300 North Evergreen Avenue.
Two-story frame and stucco residence (six rooms).
Owner—D. E. Maxwell, 974 Ridgewood Road, Oakland.
Architect—Paul V. Tuttle, 3839 Randolph Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $7,[illegible]
OAKLAND, Alameda Co., Calif. 5[illegible] St. Paul Court.
One - story and basement frame and stucco residence (7 rooms).
Owner—John Ludemann, 20 Elrod Avenue, Oakland.
Architect—Not Given.
Contractor—M. S. Bonds, 583 Spring St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO, 3954 Washington Street.
Alterations and additions to residence (add breakfast room, brick work, plastering, flooring, fixtures, tile work, linoleum, etc.
Owner—Frank W. Griffin.
Architect—Farr & Ward, 68 Post St.
Contractor—A. F. Mattock, 212 Clara.

Bids In—Held Under Advisement.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Shasta Road.
Two-story frame and stucco residence
Owner—N. W. Shock.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Announcement will be made within a few days.

To Ask Sub-Bids Within Few Days.
RESIDENCE Cost, $10,500
HILLSBOROUGH, San Mateo Co. Cal. Hayne Road.
Two-story and basement frame residence (Colonial type) 9 rooms and 3 baths; shingle roof, tile baths, gas hot air heating system, wood sash, hardwood floors, etc.
Owner—Mr. Parker.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $——
FORT BRAGG, Mendocino Co., Calif.
One-story frame and stucco residence (five rooms).
Owner—Dr. Carlsen.
Architect—Norman Coulter, 46 Kearny St., San Francisco.
Contractor—F. W. Nelson, Fort Bragg

Plans Being Completed.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Proctor Drive and Austin Way.
Two - story and basement frame and stucco residence (6 rooms) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Santa Rosa Better Housing Campaign Committee.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about 1 week.

Contract Awarded.
ALTERATIONS Cost, $1500
SACRAMENTO, Sacramento Co., Cal. 1316 35th Street.
Alterations to attic.
Owner—P. Meda, Premises.
Architect—Not Given.
Contractor—Chas. Vanina, 2022 M St., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $5500
PALO ALTO, Santa Clara Co., Calif. 1264 Hamilton Avenue.
Alterations to frame residence.
Owner—Dr. Edwin Liston, 1475 Hamilton Ave., Palo Alto.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

PLANNED
LOS ANGELES, Cal.—Federal government's work - relief program will include two housing projects for Los Angeles, according to reports from Washington this week. Preliminary approval has already been given for the construction of 1739 rooms of row houses costing $2,000,000, and $5,000,000 worth of slum clearance and low-rent houses. The project sites have not been revealed, but it is understood that one of them embraces the district bounded by Allso St., Pleasant Avenue, Mission Road, Bodie St. and Colster St., an the other property in the vicinity of Temple and Beaudry Sts. Several groups of local architects during the past year have prepared preliminary plans for similar projects for which government financing was proposed.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO, E 22nd Ave. 25 S Judah Street.
One - story and basement frame and stucco residence.
Owner—G. H. and M. E. McCarthy.
Architect—Not Given.
Contractor—Anza Home Building Co., 1498 36th Ave.

PLANS BEING FIGURED
LOS ANGELES, Cal. — Architect Allen Ruoff, 656 So. Ridgley Drive, is taking bids from a closed selected list of contractors for a large residence to be erected at 117 So. Las Palmas Ave. for Francis M. Goldthwaite. It will be a two-story and basement. Class A structure, 67x102 feet in area, containing twelve rooms, six bathrooms and three lavatories. Cost, $40,000.

Contract Awarded.
RESIDENCE Cost, $3000
ALAMEDA, Alameda Co., Calif. 714 Buena Vista Avenue.
One-story frame and stucco residence (3 rooms).
Owner—A. Peretti, 734 Lincoln Ave., Alameda.
Architect—Not Given.
Contractor—L. Strong, 429 Haight Avenue, Alameda.

Contract Awarded.
RESIDENCE Cost, $5,678
MILL VALLEY, Marin Co., Calif.
One-story frame and stucco residence (5 rooms).
Owner—Etta and Frank Ankers, 111 Park Ave., Mill Valley.
Plans by Melvin H. Klyce, 34 Eugene St., Mill Valley.
Contractor—Joseph F. Childs, 343 La-Verne Ave., Mill Valley.

Plans Being Figured.
RESIDENCE Cost, $3,500
BERKELEY, Alameda Co., Cal. Coventry Road.
One-story wood frame residence (four finished and two unfinished rooms) shingle roof, shingle exterior, hardwood floors, etc.
Owner—Mrs. Lucille Kirwan.
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.
C. O. Bradhoff, 911 55th St., Oakland, is the only contractor figuring the plans.

Low Bidder.
RESIDENCE Cost, $5,785
BERKELEY, Alameda Co., Calif. San Lorenzo Street.
One - story and basement frame and stucco residence (five rooms) wood shingle roof, gas hot air heating system, steel sash, hardwood floor, tile baths, etc.
Owner—Withheld.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.
Low Bidder—Frank A. Stead, 2206 Boise St., Berkeley.

Plans Being Figured—Bids Close June 15, 6 P. M.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story frame residence (10 rooms and 4 baths) (French style) shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—W. B. Farlow, 1478 16th Ave., San Francisco.
Bids will be opened by the architect. Moore & Roberts, 693 Mission St., San Francisco, are among the contractors figuring the plans.

Plans Being Prepared.
RESIDENCE Cost, $5000
WOODLAND, Yolo Co., Cal. S Pendegast St., bet. College and Elm.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner — Woodland Better Housing Committee.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost $4,000 each
RICHMOND, Contra Costa Co., Cal. W Key Blvd. bet. Barrett and Roosevelt.
Two one-story and basement frame and stucco residences.
Owner and Builder—J. P. Brass, 4050 Maple Ave., Oakland.
Architect—Not Given.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District
Three - story frame and stuco residence (18 rooms, 7 baths) shingle tile roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Bartlett B. Heard.
Architect—W. W. Wurster, 260 California St., San Francisco.
Announcement will be made within a few days.

Low Bidder.
RESIDENCE Cost $10,000
PIEDMONT, Alameda Co., Cal. Sea View Avenue.
Two - story and basement frame and stucco residence (7 rooms).
Owner—A. Edwards.
Architect—Williams and Wastell, 374 17th St., Oakland.
Low Bidder — H. K. Henderson, 20 Avis Road, Berkeley.

Plans Being Figured.
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Upper Piedmont Estates.
Two - story frame and brick veneer residence (12 rooms, 4 baths) gas hot air heating system, shingle roof, canvas walls, oak floors, steel sash, etc.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $4,500
BERKELEY, Alameda Co., Cal. Kensington Park.
1½-story frame and stucco residence (five rooms).
Owner—Prof. Arnold Persteln.
Architect — Michael Goodman, 2162 Center St., Berkeley

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof wood sash, tile shower, hardwood floors, gas hot air heating system, 2-car garage.
Owner—M. P. Whitney, 154 Brookside Drive, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Announcement will be made within a few days.

Sub-Bids Being Taken.
RESIDENCE Cost, $6000
SAN FRANCISCO. S North Point, 151 W Buchanan Street.
Two - story and basement frame and stucco residence.
Owner—Dr. C. Porter, 135 Alhambra.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Jas. W. McCabe, 716 Ulloa Street.

Contract Awarded.
COTTAGES Cost, $——
ORINDA, Contra Costa Co., Calif.
Two one - story frame week-end cottages.
Owner—Hacienda Homes, Inc.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—I. L. Graves, 531 Valle Vista Ave., Oakland.

Plans Being Figured—Bids Close June 11th, 4 P. M.
ALTERATIONS Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations to sorority house (stucco exterior, plumbing, painting, wiring, etc.)
Owner—Delta Gamma, 544 Lasuen St., Stanford University, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.

Bids Rejected—Plans To Be Revised
RESIDENCE Cost, $10,000
SAN FRANCISCO. Clayton St. near Seventeenth Street.
One-story and basement frame and stucco residence (8 rooms, 2 baths) tile and composition roofing, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert Schroepfer, 681 Market St., San Francisco.
Plans will be revised and new bids asked at a later date.

Construction Postponed Indefinitely.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame and stucco residence (six rooms) Colonial style, shingle roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Correction In Contractor's Name.
RESIDENCE Cont. Price, $14,945
FAIRFAX, Marin Co., Calif.
Two-story frame, stucco and brick veneer residence (shingle roof, gas heating system, etc.)
Owner—Richard Murphy.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley.
Contractor was previously reported as J. Dawson, 1507 Lincoln Street, which was in error.

Contract Awarded.
ALTERATIONS Cost, $8,000
SAN MATEO, San Mateo Co., Calif. 70 Clark Drive.
Alterations to residence.
Owner—L. Barrett, 70 Clark Drive, San Mateo.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Plans Being Figured—Bids Close June 10th, 12 Noon.
ADDITION Cost, $13,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to 3 - story sorority house.
Owner—Withheld.
Architect — Bakewell and Weihe, 251 Kearny St., San Francisco.

Bids are being taken from George Wagner, 181 South Park, San Francisco, and Dinwiddie Construction Co. Crocker Bldg., San Francisco only. No other bids will be taken.

Sub-Contracts Awarded.
RESIDENCE Cost, $20,000
ROSS, Marin Co., Calif.
Two - story and basement frame and brick residence (English style) 10 rooms and 2 baths; shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—E. C. Lloyd.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—John J. Moore, 354 Hobart St., Oakland.
Concrete—F. J. Main, Fairfax.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Roofing—Marshall Shingle Co., 3729 Telegraph Ave., Oakland.
Plumbing and Sheet Metal — George Shields, 5806 MacCall, Oakland.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Plastering—C. Weber, 1428 Jackson St., Oakland.

Bids Opened.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo County, Calif.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
Complete bids follow:
A. F. Mattock, 212 Clara St., San Francisco (excluding driveway) $20,432
Moore & Roberts, San Francisco 21,423
Geo. J. Maurer, Piedmont..... 21,798
Jacks & Irvine, S. F..... 21,874
All other bids include driveway.
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Calif. Magnolia Street.
One-story frame and stucco residence.
Owner—Clarence Nelson, 90 Rockway Lane, Hayward.
Architect—Not Given.
Contractor—F. A. Oehm, El Camino, Capuchino Manor.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
BURLINGAME, San Mateo Co., Cal. Crossways Road.
One - story and basement frame and stucco residence.
Owner and Builder—M. C. Rench, 736 Farringdon Lane, Burlingame.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E 27th Ave. S Lawton St.
One - story and basement frame and stucco residence.
Owner & Builder—Herman Christensen, 1422 27th Ave.
Architect—C. O. Clausen, 746 46th Ave.

Preparing Sketches.
RESIDENCES Cost, $6000 each
ATHERTON, San Mateo Co., Calif.
Six two-story frame and stucco residences (5 and 6 rooms) shake roofs, gas hot air heating system hardwood floors, tile baths, steel sash, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Ask Bids Within One Week.
RESIDENCE Cost, $9000
ATHERTON, San Mateo Co., Calif.
One - story frame residence (7 rooms 2 baths) rustic exterior, shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Owner Taking Segregated Bids.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 4333 Harboard Drive.
Two-story frame and stucco residence (six rooms).
Owner—J. Sexton, 6100 Taft Avenue, Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $12,500
STOCKTON, San Joaquin Co., Calif. 2650 Westminister Ave., Oxford Manor.
Two-story frame and stucco residence
Owner—J. C. Hickinbotham.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Contractor—E. Merlo, Moreing's Lane Stockton.

Contract Awarded.
RESIDENCE Cost, $7,000
PIEDMONT, Alameda Co., Calif. 25 Wistaria Way.
Two - story and basement frame and stucco residence (7 rooms).
Owner—F. L. Confer, 2812 Russell St., Berkeley.
Plans by Owner.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $9088
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and stucco residence
Owner—Christian R. Hansen.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—Jensen & Pedersen, 1443 Adeline St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $40000
SAN FRANCISCO. E Twelfth Ave. 125 S Moraga St.
One-story and basement frame and stucco residence.
Owner & Builder—Standard Building Co., 1500 Judah St., San Francisco
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 562 56th Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—J. Mariglia, 606 Powell St., San Francisco.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 411 Boynton Street.
One-story frame and stucco residence (6 rooms).
Owner—H. F. Topping, 54 Scenic Ave. Piedmont.
Architect—Not Given.
Contractor—A. Hammarberg, 2340 Le Conte Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 5021 Proctor Ave.
Two-story frame and stucco residence (6 rooms).

wner—H. M. Nace.
rchitect—Not Given.
ontractor — H. L. Crocker Jr., 30 Wilding Lane, Oakland.

ontract Awarded.
ESIDENCE Cost, $4500
ALO ALTO, Santa Clara Co., Calif. No. 536 Fulton Street.
ne-story frame and stucco residence.
wner—Miss Irma Ross.
rchitect—Not Given.
ntractor—Harry Engman, 244 Rinconada Ave., Palo Alto.

ontract Awarded.
LTERATIONS Cost, $2000
ACRAMENTO, Sacramento Co., Cal. No. 2005 M Street.
lterations to frame residence.
wner—M. F. Gormley, 2005 M Street, Sacramento.
rchitect—Not Given.
ontractor—Chas. Vanina, 1416 Sixth St., Sacramento.

ontract Awarded.
ESIDENCE Cost, $4000
ACRAMENTO, Sacramento Co., Cal. No. 5448 Tenth Avenue.
ne-story frame and stucco residence
wner—W. P. and M. L. Peacock.
rchitect—Not Given.
ontractor — E. R. Parks, 3416 53rd St., Sacramento.

ow Bidder.
ESIDENCE Cost, $——
ODESTO, Stanislaus Co., Calif.
wo-story wood frame residence (7 rooms and 2 baths) Colonial style shingle roof, gas hot air heating system, hardwood floors, tile baths wood sash, etc.
wner—Miss Anna Sido.
rchitect—G. N. Hilburn, 1213 I St., Modesto.
ow Bidder—M. O. Ward, Rt. 1, Box 541, Modesto.

o Be Done By Day's Work.
ACTORY Cost, $5000
AKLAND, Alameda Co., Cal. Fifth and San Pablo Avenue.
ne - story corrugated iron factory (corrugated iron walls and roof, concrete floors, steel sash, etc.)
wner—Schmelz Manufacturing Co.
rchitect—Williams and Wastell, 374 17th St., Oakland.
Work will be done under the own-'s supervision.

ontract Awarded.
ESIDENCE Cost, $5,000
AKLAND, Alameda Co., Calif. 1700 Mountain Blvd.
ne - story and basement frame and stucco residence (5 rooms).
wner—M. O'Connell, 757 56th Street, Oakland.
rchitect—Not Given.
ontractor—J. F. Flagg, 4021 E 14th St., Oakland.

ontract Awarded.
ESIDENCE Cos,t $4,000
AKLAND, Alameda Co., Calif. 8121 Holly Street.
ne - story and basement frame and stucco residence (5 rooms).
wner—J. Peiava, 8139 Holly Street, Oakland.
rchitect—Not Given.
ontractor—J. B. Petersen and Son, 4021 Agua Vista Ave., Oakland.

ontract Awarded.
DDITION Cost, $2,000
ERKELEY, Alameda Co., Cal. 2710 Channing Way.
ddition to sorority house.
wner—Delta Gamma Sorority, premises.
rchitect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. S North Point, 154 W Buchanan St.
Two - story and basement frame and stucco residence.
Owner—Dr. C. Porter, 135 Alhambra.
Architect—Not Given.
Contractor — James W. McCabe, 716 Ulloa Street.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 291 Wheeler.
Alterations to frame residence.
Owner—Paul A. Pettingell, premises.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost $4,000 each
SAN FRANCISCO. N Noriega W 23rd Avenue.
Two 1-story and basement farme and stucco residences.
Owner—M. Lyman.
Architect—Not Given.
Contractor—Anza Home Building Co., 1498 36th Ave.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. 3760 Jackson St.
Alterations to frame residence.
Owner—Mrs. J. F. Sullivan, Premises.
Architect—E. P. Ames, 251 Kearny St.
Contractor—Moore & Roberts, 693 Mission Street.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 90 Hazelwood Street.
Alterations to frame residence.
Owner—F. A. Gries, 201 California St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 4272 Detroit Avenue.
One - story and basement frame and stucco residence (6 rooms) .
Owner and Builder—C. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $8500
SAN FRANCISCO. Clarendon Heights
Two - story frame and stucco residence (6 rooms and 2 baths) shake roof; gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Mr. Bartholemew.
Architect—Masten and Hurd, 233 Post Street.
Contractor—Frank Nelson, 2 Edgehill. Street.

Preparing Working Drawings.
RESIDENCE Cost, $20,000
HEALDSBURG, Sonoma Co., Calif.
Two - story and basement frame and stucco residence (11 rooms and 5 baths) tile roof, hot air heating system, air conditioning system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Bids will be asked in about 30 days.

Contract Awarded.
ADDITION Cost, $3000
BERKELEY, Alameda Co., Cal. No. 1735 Tenth Street.
Additions to residence.
Owner—Maria Loustalet, Premises.
Architect—Not Given.
Contractor — Webb & Whalin, 2930 22nd Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
BEVERLY HILLS, San Mateo Co., Cal. Sunset Drive.
One-story frame and stucco residence.
Owner—A. S. Menzin.
Architect—Not Given.
Contractor—A Haskell, 255 Ridgeway

Plans Being Completed.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif.
One - story and basement frame and stucco residence (6 rooms) all-tile roof, gas hot air heating, system, hardwood floors, tile bath, wood sash, etc.
Owner—Capt. J. H. Trask, 5433 Belgrave Place, Piedmont.
Plans by W. W. Dixon, 1511 Fifth Ave. Oakland.
Owner will take general bids in about one week.

Sub-Bids Being Taken.
RESIDENCE Cost, $3000
SAN CARLOS, San Mateo Co., Cal. San Carlos Manor.
One-story frame residence (5 rooms) wood exterior, shingle roof, gas hot air heating system, hardwood floors, etc.
Owner & Builder—John McCarthy, 50 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Sub-Bids To Be Taken Within Few Days.
RESIDENCE Cost, $4000
SAN CARLOS, San Mateo Co., Cal.
One-story frame and stucco residence (5 rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, etc.
Owner & Builder—John McCarthy, 50 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $8000
PIEDMONT, Alameda Co., Cal. No. 127 Bell Street.
Two-story frame and stucco residence (7 rooms).
Owner—R. H. Atkinson, 5846 McAndrow Drive, Oakland.
Architect—Not Given.
Contractor—J. H. Pickrell, 332 Santa Clara St., Oakland.

Contract Awarded.
GARDEN HOUSE Cost, $1 000
BERKELEY, Alameda Co., Calif. 1029 Sierra Street.
Frame garden house (rustic exterior)
Owner—Floyd T. Webb.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—Bigelow & Sons, 150 Ardmore Road, Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
CENTERVILLE, Alameda Co., Calif. Newark Road.
One-story frame residence (5 rooms)
Owner—Joe Souza.
Architect—Not Given.
Contractor—Frank Ferreria, Newark.

Plans Being Figured—Bids Close June 11th, 6 P. M.
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (12 rooms, six baths, 3-car garage).
Owner—George Pope.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being taken from a selected list of contractors only.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3632 Redwood Road.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 4036 Whittle Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—Bruno Stark, 44 Crocker Ave., Piedmont.
Architect—Not Given.
Contractor—Chas. Anderson, 3917 Park Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 6135 Acacia Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—R. C. Hansen, Premises.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 6235 Ascot Drive.
Two-story frame and stucco residence (6 rooms).
Owner—Vera and Grace Denton, 4117 Mountain Blvd., Oakland.
Architect—C. A. Phillips, 1463 Hopkins St., Berkeley.
Contractor—L. Zwaal, 2839 Delaware St., Oakland.

Lumber Contract Awarded.
RESIDENCES $10,000 to $13,000
SAN FRANCISCO. Twenty-fifth Ave.
Six one-story and basement frame & stucco residences.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Lumber — Christenson Lumber Co., Fifth and Hooper St., S. F.
Sub-bids are being taken on other portions of the work.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 2701 Pacific Avenue.
Alterations to residence.
Owner—Renato Capocelli, % Architect
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

15— SCHOOLS

Electrical Engineers Appointed.
SCHOOL Cost, $181,102
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Structural Engineer—Walter Huber, Crocker First Nat'l. Bank Bldg., San Francisco.
Electrical Engineers—Leland & Haley, 58 Sutter St., San Francisco.

PLANNED
ALTADENA, Los Angeles Co., Cal. —Flintridge School for Girls, 4249 Oakwood Ave., Flintridge, has acquired a 31-acre site in Altadena where a new school will be established. Tentative plans provide for the construction of a new administration building and new quarters, and the conversion of an existing residence into a dormitory. Plans are in the sketch stage in the office of a local architect, whose name will be announced within a few days.

BIDS OPENED
MERCED, Cal. — H. C. Cronkite, Merced, at $7.84 per square, submitted low bid to Merced Union High School District for re-roofing of certain buildings at the Merced High School. Approximately 165 squares involved. Complete bids follow:
H. C. Cronkite.....$7.84 per sq.
J. E. French..... 8.88 per sq.
Cross Lumber Co..... 9.26 per sq.
Bids held under advisement.

Plans Being Prepared.
HEATING SYSTEM Cost, $——
SAN FRANCISCO.
Heating plant for Douglas School.
Owner—City and County of San Francisco.
Mechanical Engineer—Leland & Haley 58 Sutter St., San Francisco.

CONTRACT AWARDED
LIVINGSTON, Merced Co., Cal.—Ed. LaSalle, Merced, at $640 awarded contract by Merced Union High School District for laying maple flooring in the auditorium - gymnasium of the Livingston Branch High School. Complete bids follow:
Ed. LaSalle, Merced.....$640
John Groom, Livingston..... 644
Neil Wirtner, Turlock..... 671

LOW BIDDERS
LONG BEACH, Calif. — Trewhitt-Shields Co., 1501 Pacific Southwest Bldg., Fresno, submitted low general contract bid to Long Beach board of education at $32,531 for construction of the Los Cerritos School. Low bidders on other contracts were: Thos. E. Williams Co., 256 Alamitos Ave., Long Beach; plumbing and heating, $3526: Coast Electric Co., 2350 Cedar Ave., Long Beach, electric wiring $3,000. H. A. Anderson, 30 Pine Avenue, Long Beach, architect.

CONTRACT AWARDED
PASADENA, Cal.—John H. Simpson 524 S Raymond Ave., Pasadena, was awarded contract at $33,420 by Pasadena board of education, subject to approval by the PWA, for reconstructing and repairing the McKinley elementary school. Walter C. Folland, 15 S. Fair Oaks Ave., Pasadena, architect.

BIDS WANTED
WATSONVILLE, Santa Cruz Co., Cal.—Until June 17, 9 A. M., bids will be received by T. S. MacQuiddy, Clerk, Watsonville Union High School District, for furnishing and erecting structural steel for strengthening the new high school building in Watsonville. Plans and specifications may be obtained from Architect W. H. Weeks, 525 Market St., San Francisco, and from the Clerk of the Dist.

CONTRACT AWARDED
PITTSBURG, Contra Costa Co., Cal. —Chas. Scott, Rt. 1, Box 911, Stockton, at $3500 awarded contract by Pittsburg School District for construction of certain structural steel frames to be erected in the Pittsburg Junior High School, School and Sonoma Sts., Pittsburg. Architect Louis Stone, 785 Market St., San Francisco, and Structural Engineer R. H. Cooley, 354 Hobart St., Oakland. Complete bids follow:
Chas. Scott, Stockton.....$3500
Soule Steel Co., S. F..... 4214
Judson Pacific Co., S. F..... 4290
Schrader Iron Works, S. F..... 4489
Fair Mfg. Co., S. F. 5733

Contract Awarded.
RECONST. SCHOOLS. Cost, $51,99
REDWOOD CITY, San Mateo Co., Cal
Reconstruction and structural changes to group of eight school building at the Sequoia Union High Schoo (work involves structural steel concrete, wood framing and gunit work).
Owner — Sequoia Union High Scho District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco. Contract price, $51,997.
Bids received as follows:
(1) General Contract.
(2) Add unit price per square re laying roofing.
(3) Add acoustical plaster in Audi torium.
(4) Deduct allowance for repairing acoustical plaster.
(5) Add acoustical plaster in corridors.
(6) Deduct allowance for repairing acousticil plaster.

(A) P. J. Walker Co., San Francisco	(1)	$51,997.0
	(2)	8.0
	(3)	1,925.0
	(4)	200.0
	(5)	4,573.0
	(6)	1,672.0
(B) Frank J. Reilly, San Francisco	(1)	$62,831.0
	(2)	8.0
	(3)	1.500.0
	(4)	500.0
	(5)	3,500.0
	(6)	1,500.0
(C) Carl N. Swenson, San Jose	(1)	$57,864.0
	(2)	8.0
	(3)	706.0
	(4)	50.0
	(5)	1.300.0
	(6)	1,800.0
(D) DeLuca & Son, San Francisco	(1)	$60,777.0
	(2)	8.0
	(3)	1,256.0
	(4)	50.0
	(5)	3,000.0
	(6)	1.870.0
(E) C. L. Wold Constr. Co., Ltd., S. F.	(1)	$64,337.0
	(2)	7.5
	(3)	2.000.0
	(4)	200.0
	(5)	3.400.0
	(6)	1.200.0
(F) Alfred H. Vogt, San Francisco	(1)	$67,300.0
	(2)	7.5
	(3)	1,800.0
	(4)	400.0
	(5)	3.200.0
	(6)	2.000.0

NEW BIDS WANTED
MARTINEZ, Contra Costa Co., Ca —New bids are being received (previous bids being rejected) by E. J Fraga, Clerk, Martinez Elementar School District, for electrical wor on Building No. 2 of the Martine Elementary School.
Plans and specifications may be ot tained from the District Superinten dent of the high school at Martine upon deposit of $5.00.

To Seek Funds.
SCHOOL ANNEX Cost, $500,0
SACRAMENTO, Sacramento Co., Ca Junior College Campus.
Annex to junior college (new engineering building, addition to economics, business, geology, enlarg gym, etc.; 25 classrooms).
Owner—Sacramento School District.
Architect—Harry J. Devine, California State Life Bldg., Sacrament
Application will be filed with th

PWA for a loan and grant of $156,-000. If granted a bond election for $250,800 will be called.

Bids Opened.
SCHOOL Est. Cost, $215,000
SAN FRANCISCO. Geary and Scott Streets.
Restoration of a portion of Girls' High School.
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market Street.
Structural Engineer—L. H. Nishkian, 525 Market Street.
Low Bidder — Dinwiddie Const. Co., Crocker Bldg.
Complete bids follow:

Dinwiddie Const. Co.	$208,000
C. L. Wold	209,877
MacDonald & Kahn	219,500
Barrett & Hilp	229,562

As previously reported, brick and terra cotta contract awarded to White & Gloor, at $18,789.

CONTRACT AWARDED
LONG BEACH, Cal.—W. J. Burgin, 1100 Redondo Ave., Long Beach, was awarded contract by the Long Beach board of education at $36,318 for construction of the shop building at John Dewey high school. I. W. Egge, 2222 E. 4th St., Long Beach, awarded the electric wiring at $4700. New bids will be asked on plumbing and heating. Victor Siebert, architect, and Vern D. Hedden, engineer, 120 E 3rd St., Long Beach.

LOW BIDDER
PASADENA, Cal.—John H. Simpson, 524 S. Raymond Ave., Pasadena, submitted low bid to Pasadena board of education at $32,420 for repairing and strengthening the McKinley elementary school. Walter C. Folland, 15 S Fair Oaks Ave., Pasadena, architect.

Bids Rejected—Plans To Be Revised.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines; Margarido Drive.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) shingle roof, gas furnace, hardwood floors, tile baths, etc.
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th St., Oakland.
New bids may be asked at a later date.

Low Bidder.
RESIDENCE Cost, $7,000
NORTH BERKELEY, Alameda Co.
Two-story frame and stucco residence
Owner—D. E. Olson.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Low Bidder—A. T. Beckett, 224 Scenic Ave., Piedmont, $4,431.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Taraval St. 85 W 20th Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Rothschild Bros., 41 Sutter St., San Francisco.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Engineer—M. Rosenthall, % Architect

BIDS WANTED
SANTA BARBARA COUNTY, Cal. —Until June 18, 8:00 P. M., bids will be received by Santa Ynez Valley Union High School District for the construction of school buildings at the Santa Ynez High School, a PWA project. Bids will be taken as follows: (1) work complete; (2) administration building; (3) domestic arts building; (4) shower and locker room building. Plans and specifications may be obtained at the office of Architect E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, upon deposit of $10. Certified or cashier's check or bond for 5 per cent must accompany each bid. The buildings will be wood frame structures with stucco exteriors, tile roofing, concrete and wood floors, heating plant, etc. Cost is estimated at $93,600.

Commissioned To Prepare Plans.
HEATING SYSTEM Cost, $——
SAN FRANCISCO.
Heating plant for Douglas School.
Owner—City and County of San Francisco.
Mechanical Engineer—Leland & Haley 58 Sutter Street.

Contract Awarded.
SCHOOL Cont. Price, $208,000
SAN FRANCISCO. Geary and Scott Streets.
Restoration of a portion of Girls' High School.
Owner—City and County of San Francisco.
Architect—H. A. Minton, 525 Market Street.
Associated Architects—Henry C. Smith Humboldt Bank Bldg., and Mark T. Jorgensen, 525 Market Street.
Structural Engineer— L. H. Nishkian, 525 Market St.
Contractor — Dinwiddie Const. Co., Crocker Building.
The following sub-contracts will be awarded:
Structural Steel—Schrader Iron W'ks, 1247 Harrison St., $24,800.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Ave., $8,106.
Pan Forms—Concrete Engr. Co., 1280 Indiana St., $1,600.
Masonry—White & Gloor, Monadnock Bldg., $875.
Lathing & Plastering—Herman Bosch 2075 Folsom St., $21,200.
Gunite—Cement Gun Const. Co., 85 Second St., $5,085.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., $4,557.
Roofing—Malott & Petersen, 20th and Harrison Sts., $1,649.
Mill Work — Anderson Bros. Planing Mill, Quint and Custer Sts., $7,705.
Wood Floors—Royal Floor & Linoleum Co., 475 Sutter St., $5,736.
Painting—R. P. Paoli, 2530 Lombard St., $8,999.
Glass—W. P. Fuller & Co., 301 Mission St., $3,000.
Hardware—E. M. Hundley, 662 Mission St., $5,346
Window Hardware—Dalmo Sales Corporation, 511 Harrison St., $299.
Ornamental Iron—Sartorius Co., 2530 18th St., $3,490.
Marble—Elsele & Dondero, 2895 3rd St., $3,490.
Tile—Meda Art Tile Co., 221 Bayshore Blvd., $1,990.
Plumbing—Scott Co., 243 Minna St., $3,077.
Heating and Ventilating—Alta Elec. and Mechanical Co., 467 O'Farrell St., $25,880.
Electric—Victor Lemoge, 284 Natoma St., $14,397.
Acoustics—Western Asbestos Co., 675 Townsend St., $595.
Blackboards, Cork — General Seating Co., 160 2nd St., $4,957.
Linoleum—Royal Floor and Linoleum Co., 475 Sutter St., $1,658.

BIDS OPENED
SANTA BARBARA, Calif. — D. H. MacQuiddy, 716 State St., Santa Barbara, submitted low bid to the Santa Barbara board of education at $56,-223, for alterations and repairs to the Jefferson school in Santa Barbara. The building is to be reinforced with steel and other improvements made. Plans prepared by the Associated Architects of Santa Barbara, 116 East Sola St. and Structural Engineer Paul Jeffers, Architects' Bldg., Los Angeles. Other bids were: H. R. Granam, $58,500; Chas. M. Urton, $64,568; H. Mayson, $69,000. The bids were held under advisement.

Plans Completed.
REHABILITATE SCHOOL $3000
BERKELEY, Alameda Co., Cal. No. 1140 Oxford Street.
Rehabilitate Oxford School.
Owner—Berkeley School District.
Architect—Gwynn Officer, 2328 Warring St., Berkeley.
Plans have been forwarded to the State Division of Architecture for approval.

BIDS OPENED
SAN JOSE, Santa Clara Co., Cal.—M. J. Reeves Heating Co., 959 Natoma St., San Francisco, at $8972 submitted low bid to San Jose Board of Education for heating of the Grant School in San Jose. Complete bids follow:

M. J. Reeves Heating Co., S. F.	$ 8,972
Geo. C. Bell, Oakland	9,876
Schuster & Hudson, Oakland	9,985
H. J. Pascoe, San Jose	10,203
Pacific Heating & Ventilating Co., Oakland	10,360
A. J. Peters, San Jose	10,360
O'Mara & Stewart, S. F.	10,447
Wm. F. Serpa, San Jose	10,600
A. G. Grattan, San Jose	10,734
Scott Co., San Francisco	11,258

Bids held under advisement.

Plans Completed.
RECONST. SCHOOL Cost, $——
BERKELEY, Alameda Co., Cal. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—John Reid Jr., 405 Montgomery St., San Francisco.
Final plans have been forwarded to State Division of Architecture for approval.

BOND ELECTION
BAYWOOD, San Mateo Co., Calif.—Baywood-Aragon School District will vote on July 16 on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a new grammar school in Baywood Park.

CONTRACT AWARDED
SAN FRANCISCO.—August Dacker 1450 15th St., at $484 awarded contract for modeling ornamental exterior plaster and cast stone work at the Academic Building, and P. O. Tognelli, 475 Francisco St., at $410 was awarded contract for cast stone work at the gymnasium building of the Marina Junior High School by the Department of Public Works.

Bids Wanted—To Close June 25th, 8 P. M.
ADDITION Cost, $8,000
BRENTWOOD, Contra Costa Co., Cal.
Brick addition to grammar school (add two classrooms).
Owner—Brentwood-Deer Valley Grammar School District.
Architect—F. L. Reimers, 233 Post St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $15.00.

Commissioned To Prepare Plans.
GYMNASIUM Cost, $——
AUBURN, Placer Co., Calif.
Gymnasium.
Owner—Auburn School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Final Plans Awaiting Approval.
SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Cal.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Final plans forwarded to the State Division of Architecture and upon approval bids will be asked.

BIDS WANTED
SAN FRANCISCO.—Until June 12, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251 City Hall, for plastering the Excelsior School, Excelsior Avenue between London and Paris Streets. Estimated cost, $3,500.
Specifications may be obtained from Chas. Sawyer, City Architect, City Hall. No deposit required.

LOW BIDDER
LOS ANGELES, Calif.—Byerts and Dunn, 1131 N Orange Grove Avenue, submitted low bid to the Los Angeles board of education at $96,870 for the reconstruction, strengthening and rehabilitation of the administration and home economics buildings at Gardena high school, Normandie Avenue and Gardena Blvd., Gardena. Farrell & Miller, 731 N Marguerita Ave., Alhambra, architects, and Blaine Noice, 5436 Carlton Way, structural engineer.

Preparing Working Drawings.
SCHOOL Cost, $45,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic bldg. (5 classrooms) and one-story frame & stucco gymnasium (composition roofing, steam heating system, wood floors, concrete floors in dressing rooms and showers).
Owner—Cloverdale Union High School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about 30 days.

Bid Opening Date Postponed Until June 10, 2:30 P. M.
SCHOOL Cost, $15,000
TAHOE CITY, Placer Co., Calif.
One-story wood frame grammar school (three classrooms, assembly and kitchen) shingle roof, wood floors.
Owner—Tahoe City Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Following have procured plans:
N. K. Mayfield, Tahoe City.
W. F. Bickford, Fairfield.
J. H. Wolert, P. O. Box F, Truckee.
Chas. Unger, 2426 7th Ave., Sacramento.
H. W. Robertson, 3004 F St., Sacramento.
C. H. Lawrence, Sacramento.
Wm. C. Keating, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $15.00.

LOW BIDDER
LOS ANGELES, Cal.—H. A. Nichols, 936 E Slauson Ave., submitted low bid to Los Angeles board of education at $40,267, for reconstruction, rehabilitation and strengthening the three-story, 18-room, brick annex bldg. (less the third story) at the South Park school, 455 E Manchester Ave. Edwin Bergstrom, 1136 Citizens' National Bank Bldg., architect. Holmes & Narver, 639 S Spring St., structural engineer.

LOW BIDDER
LOS ANGELES, Cal.—Monolith Construction Co., 1698½ Cordova Street, submitted low bid to Los Angeles Board of Education at $42,222 for reconstruction, strengthening and rehabilitation of the 1927 addition at the Thomas A. Edison Junior High School. Walker & Eisen, 708 Pacific Commerce Bldg., Architect, and Murray Erick, 811 W. 7th St., Structural Engineer.

CONTRACT AWARDED
LOS ANGELES, Cal.—Bannister-Field and Fred E. Potts Co., 4101 Goodwin Ave., awarded contract by Los Angeles Board of Education at $80,608 for reconstruction, rehabilitation and strengthening of the administration building at the South Gate High School, 3351 Firestone Blvd., South Gate. Edgar H. Cline, 543 W. Wilcox Ave., Architect, and Ralph A. DeLine, 1144 S. Grand Ave., Structural Engineer.

BONDS VOTED
SAN RAFAEL, Marin Co., Cal.—San Rafael School District voted bonds in the amount of $50,000 on June 4. Proceeds to finance construction of a new grammar school on the site of the Old Grammar School, 4th and E Streets. Preliminary plans prepared by N. W. Sexton, deYoung Bldg. San Francisco.

Plans Awaiting Approval.
ADMIN. BLDG. Cost, $80,000
TAFT, Kern Co., Cal. Taft Union High School Campus.
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows)
Owner—Taft Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans have been forwarded to the State Division of Architecture, Sacramento, and upon approval bids will be asked.

Plans Awaiting Approval.
ADDITION Cost, $20,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete addition to high school building (add four classrooms).
Owner—Santa Rosa Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans have been forwarded to the State Division of Architecture and upon approval material bids will be asked. SERA will probably furnish labor.

To Ask Material Bids Shortly.
SCHOOL Cost, $12,000
WATSONVILLE, Santa Cruz Co., Cal.
Alterations and reconstruction of grammar school buildings.
Owner—Watsonville Grammar School District.
Architect—W. H. and Harold Weeks, 525 Market St., San Francisco.
Plans have been approved by the State Division of Architecture. Bids will be asked shortly.

CONTRACT AWARDED
PITTSBURG, Contra Costa Co., Cal. —Chas. Scott, Rt. 1, Box 911, Stockton, at $3,500 awarded contract by the Pittsburg School District for construction of certain structural steel frames to be erected in the Pittsburg Junior High School, School and Sonoma Sts., Pittsburg. Architect Louis Stone, 785 Market St., San Francisco, and Structural Engineer R. H. Cooley, 354 Hobart St., Oakland.

BOND ELECTION PLANNED.
MARIPOSA, Cal. — Mariposa High School District is planning to vote early in August on a proposal to issue bonds in the amount of $85,000, proceeds to finance construction of additions to the high school plant at Mariposa.
Preliminary plans have been prepared by Architect W. H. Weeks, 525 Market St., San Francisco.

TO PREPARE PLANS
WILLIAMS, Ariz.—Architects Wallingford & Bell, Heard Bldg., Phoenix, have been authorized by Coconino County School District No. 2 to prepare plans and specifications for a new grammar school to be erected in Williams. It will be a brick structure containing ten classrooms, gymnasium and assembly hall, and domestic science and manual training quarters. Estimated cost $97,000. Application will be made to the PWA for a loan.

June 5, 1935

Contract Awarded.
SCHOOL RECONST. Cost, $——
PITTSBURG, Contra Costa Co., Calif.
Reconstruction of intermediate school to comply with State Earthquake Safety Act.
Owner—Pittsburg School District.
Architect—Louis Stone, 785 Market St. San Francisco.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor — G. E. Seeno, 150 E 2nd St., Pittsburg.
Complete bids follow:
(1) add for additional concrete, per cu. ft.;
(2) add for additional excavation, per cu. yd.

G. E. Seeno, Pittsburg		$14,625.76
	(1)	.75
	(2)	3.50
Carl Overaa, Richmond		$16,300.00
	(1)	.45
	(2)	2.50
Siino Bros., Pittsburg		$17,777.60
	(1)	.90
	(2)	3.00
John E. Branagh, Oakland		$18,800.00
	(1)	80
	(2)	3.00

(3441) 1st report Feb. 28; 6th, May 15, 1935. 15

To Ask Bids.
SCIENCE HALL Cost, $200,000
PORTLAND, Oregon. Willamette Blvd. near St. Johns District.
Two-story and basement science building (brick exterior, stone trim, slate roof, metal windows, etc.); English Gothic type.
Owner—University of Portland (Rev. Father Joseph J. Boyle, President)
Architect—Chas. D. Maginnis, Boston, Mass.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO. 2 Pine Street.
Alterations to offices.
Owner—J. D. and A. B. Spreckels Co. Premises.
Architect—George Kelham, 315 Montgomery Street.
Contractor—Oscar Presco & Sons, 250 Langton Street.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1135 Harrison St.
Alterations to store building.
Owner—Jas. Madison, Jr., 1580 Howard Street.

Architect—Not Given.
Contractor—A. H. Beetham, 3555 18th Street.

Sub-Contracts Awarded.
ALTERATIONS Cost, Price, $7580
SAN FRANCISCO. 215-21-29 Golden Gate Avenue.
Alterations to offices (film vaults, sprinkler system, etc.)
Owner—Warner Bros., Inc., Premises
Architect — Albert Schroepfer, 244 Kearny Street.
Contractor—Wm. Martin, 666 Mission Street.
Plumbing—J. P. McLeod, 1246 Golden Gate Ave.
Electric Wiring—Frank Goodman, 1466 33rd Avenue.
Heating—Jas. H. Pinkerton, 927 Howard Street.
Concrete—Louis Sartorio, 2627 Lombard Street.
Mill Work—Herring and Nutting, 750 Florida Street.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Hollow Tile—Emil Hoberg, 666 Mission Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Linoleum—Van Fleet Freear Co., 557 Howard Street
Lathing and Plastering—Carl Wilken 221 Scott St.
Automatic Sprinkler System—Grinnell Company of The Pacific, 601 Brannan Street.

Low Bidder.
OFFICE BLDG. Cost, $6,000
SAN FRANCISCO. Bayshore Blvd.
One - story frame and stucco office building (flat roof, wood floors).
Owner—Bodinson Mfg. Co., 2401 Bayshore Boulevard.
Architect—W. H. Weeks, 525 Market.
Low Bidder—A. Holyoake, East Ave., Hayward.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 22 Embarcadero.
Alterations to restaurant.
Owner—T. F. Rush Premises.
Plans by Brunswick Balke Collendar Co., 22 Embarcadero.

To Be Done By Day's Labor.
ALTERATIONS Cost, $2000
SACRAMENTO, Sacramento Co., Cal. 3222 Stockton Blvd.
Alterations for drive-in market.
Owner—C. S. Hulen, Capitol National Bank Bldg., Sacramento.
Architect—Not Given.

Planned.
AUTO BLDG. Cost, $——
SALINAS, Monterey Co., Calif. Site to be selected.
New automobile building (salesroom and offices, etc.)
Owner—Jack Prader, Salinas.
Architect—To Be Selected.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. 115 Valencia St.
Alterations to brick Salvation Army Quarters (change partitions, new plumbing and ventilating system, painting, plastering, etc.)
Owner—Salvation Army, Premises.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Lindgren and Swinerton, 225 Bush Street.

Contract Awarded.
ALTERATIONS Cost, $2,500
SAN FRANCISCO. NW Fulton St. and Fifth Ave.
Alterations to store building.
Owner—O. P. Stedger, 628 Montgomery Street.
Architect—Not Given
Contractor—J. S. Malloch, 666 Mission Street.

PLANNED
SAN PEDRO, Los Angeles Co., Cal. Bank of America contemplates erecting a new bank building on the northwest corner of Pacific Ave. and Tenth St., San Pedro. The property is owned by the Capital Co., subsidiary of the Bank of America. Plans for the structure will probably be prepared by the owner's architectural department.

BIDS OPENED
OAKLAND, Cal.—Safety Switchboard Mfg. Co., 960 Howard St., San Francisco, at $1197 submitted low bid to the East Bay Municipal Utility District, Oakland, under Proposal No. L.S. 150, for furnishing an electric switchboard for the general office building at 512 16th St., Oakland.
Complete bids follow:
Safety Switchboard & Mfg. Co., San Francisco, $1197.
Identical bids at $1230 submitted by the following: Westinghouse Electric Supply Co.; State Electric Co.; General Electric Supply Corp.; Graybar Elec. Co. (2 bids); Westinghouse Elec. & Mfg. Co.; Electric Corp.; Gilson Electric Supply Co., and H. B. Squires Co.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN RAFAEL, Marin Co., Calif. 4th and E Streets.
Alterations to office building.
Owner—Pacific Gas & Electric Co
Plans by Engineering Dept. of Owner.
Contractor—Hannah and Wooldridge, 268 Market St., San Francisco.

Sub-Contracts Awarded.
STORE Cost, $5,000
BERKELEY, Alameda Co., Cal. 1845 Solano Avenue.
One-story Class C store building.
Owner—Henry Schwartz, 815 Northvale St., Berkeley.
Architect—Ray Keefer, 770 Wesley Ave., Berkeley.
Contractor — C. H. Thrams, 28 Home Place, Oakland.
Lumber—Oakland Lumber Co., 6901 E 14th St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Electric—Moore Electric Co., 1553 Solano Ave., Berkeley.

CONTRACT AWARDED
SALT LAKE CITY, Utah — P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, will manage construction of a department store and drug store building to be erected in Salt Lake City, Utah, for the J. O. Salisbury Investment Corp. Plans are in the working drawing stage in the office of Architect Gordon B. Kaufmann, 610 Union Mank Bldg., Los Angeles. The building will be a Class A structure, two stories, mezzanine floor and basement, and will cover an area of 186x142 feet; reinforced concrete construction, exposed concrete facing, structural glass, elevators, steam heat, ventilating system, basement sprinklers, etc. Work of wrecking existing buildings on the site is under way.

Contract Awarded.
OFFICE BLDG. Cost, $6000
SAN FRANCISCO. Bayshore Blvd.
One-story frame and stucco office building (flat roof, wood floors).
Owner—Bodinson Mfg. Co., 2401 Bayshore Boulevard.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—A. Holyoake, East Ave., Hayward.

Bid Opening Date Postponed Until June 10, 5 P. M.
ALTERATIONS Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed, new store fronts, new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Bids will be opened at the architect's office
Following will submit bids:
K. E. Parker Co., 135 South Park, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Guy M. Latta, 157 Rhodes Court, San Jose.
Megna and Newell, 838 Minnesota Ave., San Jose.
Henry Bridges, 1398 Lincoln Ave., San Jose.
William Caldwell, 1241 Hedding St., San Jose.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1020 Market Street.
Alterations to store building.
Owner—Walter Haas Estate, % Architect.
Architect — Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Mar-

17— THEATRES

PLANNED
PHOENIX, Ariz.—Albert Harold & George Stetson, operators of the Studio Theatre in Phoenix, have leased property on the southeast corner of Washington and Wall Streets, Phoenix, where they propose erecting a new theatre to cost $75,000. It will be a Class A structure, 50x138 feet in area, and will seat 900 peraons. Equipment will include a refrigeration system. An existing building on the site will be demolished.

Contract Awarded.
THEATRE Cost, $60,000
CARMEL, Monterey Co., Cal. Ocean and Mission Sts. (75x150 feet).
Fireproof theatre building.
Owner—Monterey Theatres Co., (E. H. Emmick, in charge), 25 Taylor St., San Francisco.
Architect—S. Charles Lee, 2404 W. 7th St., Los Angeles.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

18—WHARVES & DOCKS

CONTRACT RE-AWARDED
SAN FRANCISCO.—Healy - Tibbitts Const. Co., 369 Pine St., at $6,837 awarded contract by War Department for repairs to the east and west Garrison Wharves at Fort McDowell. Contract was previously reported awarded to A. W. Kitchen Co., 110 Market Street.

BIDS WANTED
LOS ANGELES, Cal.—Until June 12, 10 A. M., bids will be received by the general manager of the Los Angeles harbor department for timber wharf extension at Berth 145, Los Angeles Harbor; Spec. No. 942. Plans and specifications may be obtained from the harbor engineer, Branch City Hall San Pedro.

CONTRACT AWARDED
OAKLAND, Alameda Co., Cal.—Ben C. Gerwick, Inc., 112 Market St., at $54,945 awarded contract by City of Oakland Port Commission, for re-

building the Seventh Street unit of Outer Harbor Terminal, Oakland.

19—MISC. CONSTRUCTION

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Crowley Launch & Tugboat Co., Pier 14, San Francisco, at $842 submitted low bid to the Warden of the U. S. Penitentiary, Alcatraz Island, under Bid No. 344, for repairs to the Launch McDowell, including drydocking, repairing, painting, etc. Complete bids follow:

Crowley Launch & Tugboat Company ..... $ 842.00
Anderson & Christofeno 851.00
Madden & Lewis 1007.45
Wm. Cryer & Son 1029.45

Bids held under advisement.

Planned.
SHED Cost, $60,000
ROSEVILLE, Placer Co., Calif.
Work sheds for employees.
Owner—Southern Pacific Company, 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner. Further details will be announced shortly.

Low Bidder.
ALTERATIONS Cost, $11,000
ALAMEDA, Alameda Co., Calif. 2244 Santa Clara Avenue.
Alterations and additions to mortuary.
Owner—Fowler-Anderson.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

PREPARING PLANS

PHOENIX, Ariz. — Architects Norstrom & Anderson, 608 Transamerica Bldg., Los Angeles, are preparing the plans for a new theater building to be built at the southwest corner of Second Ave. and Washington St., Phoenix, for Max M. Kravetz of Beverly Hills. The building will be a one-story modern style structure with a tower and will contain five stores and a theater with a seating capacity of 1000 persons: air conditioning and heating system, etc. The building is estimated to cost $60,000 and equipment $45,000.

BIDS WANTED

HAMILTON FIELD, Marin Co., Cal. —Until June 14, 10 A. M., bids will be received by Capt. John P. Ferriter, Contracting Officer, Signal Office, Headquarters 9th Corps Area, Presidio of San Francisco, under Proposal No. 1084 SC 35-7, for the installation of an antenna and a buried ground system for the Radio Transmitter Radiation System, Hamilton Field.

Specifications obtainable from above office upon deposit of $5.

Sub-Contracts Awarded.
LABORATORY Cost, $4,000
BERKELEY, Alameda Co., Cal. 2545 Fourth Street.
One-story laboratory.
Owner—The Cutter Laboratories, 2545 Fourth St., Berkeley.
Architect—Theo. Ruegg, 1515 Tyler St., Berkeley.
Contractor—F. J. Satten, 2925 Hillegass St., Berkeley.
Lumber—Melrose Lumber Co., 1201 46th Ave., Oakland.
Plumbing—Carl Doell, 467 21st Street, Oakland.
Concrete Aggregate — Contra Costa Building Materials Co., 2824 Shattuck Ave., Berkeley.
Electric—Wm. Bradshaw, 2016 Shattuck Ave., Berkeley.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SAN FRANCISCO.—Iowa Valve Co., 501 Howard St., San Francisco, at $2,274.08 awarded the contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1355, for furnishing two 20-, one 24-, and two 30-inch gate valves.

BIDS OPENED

SANTA CRUZ, Santa Cruz Co., Cal. —M. S. Gardner, 633 Soquel Avenue, Santa Cruz, at $199.40 for paint and hardware, and the Santa Cruz Lumber Co., 84 River St., at $1,085.62, for lumber, submitted the low bid to the Santa Cruz City Council, S. A. Evans City Clerk, for furnishing paint, raw linseed oil, wood preservative, bolts, washers, nails, etc., and for miscellaneous Douglas fir or Redwood timber, 24 30-ft. piles and 18 25-ft. piles, etc., for delivery to Ocean St. and East Cliff Drive.

Bids held under advisement.

CONTRACTS AWARDED

FRESNO, Cal.—Following contracts awarded by Lieut. George T. Stump, Purchasing and Contractor Officer, Civilian Conservation Corps, 414 "P" Street, Fresno, May 27, under Contract No. 5905-35-112:

Lumber—Standard Lumber & Mill Co., 1710 Blackstone Ave., Fresno, $851.70.

Plumbing and Sheet Metal—Maisler Bros. Lumber Co., 2244 Railroad Ave., Fresno, $1070.12.

CONTRACT AWARDED

LOS ANGELES, Cal.—Pacific Iron & Steel Co., Ltd., Los Angeles, was awarded the contract by the Metropolitan Water District May 29 for furnishing ten sections of steel forms in 20-ft. sections, together with screw jacks and appurtenances, Item 1, at $14,170, including an option to purchase two additional sections within 120 days; Item 2, at $2834, for use in lining 16-ft. tunnels, Colorado River Aqueduct; Spec. No. 100. The bids were opened May 24.

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., Skuson and Eastern Avenues, at $11,332 awarded contract by the Metropolitan Water District May 29, for furnishing water stops for construction joints and water stops and steel plates for dummy joints for 15 ft. 4½ in. cut and cover conduit of the Colorado River Aqueduct; Spec. No. 99.

BIDS OPENED

BONNEVILLE, Ore.—Pacific Portland Cement Co., 111 Sutter St., San Francisco (plant at Redwood City), at $1.6198 per barrel for bulk cement and $1.8868 for cement in paper sacks submitted low bid to U. S. Engineer Office Portland, Major C. F. Williams, district engineer, for furnishing 560,000 barrels of portland puzzolan cement in bulk and 5,000 barrels of portland puzzolan cement in paper sacks for construction of the main spillway dam and appurtenant structures of Bonneville Power-Navigation project.

Following bids received all for delivery fob North Bonneville:

Pacific Portland Cement Co., San Francisco, per bbl. bulk delivery) $1.6198; (per bbl. sacked delivery) $1.8868.

Santa Cruz Cement Co., San Francisco: $1.80; $2.10.

Beaver Portland Cement Co., Portland: $1.82; $2.22.

BIDS OPENED

BERKELEY, Alameda Co., Cal.—Following bids were received by the Berkeley Board of Education for paint materials for the Berkeley School District:

M. Friedman Painting Co., 1816 San Pablo Ave., Oakland, $1181.61.
Paraffine Co., Inc., Oakland, $1658.93.
Pacific Paint & Varnish Co., Oakland, $1746.
Sherwin Williams Co., San Francisco, $1753.23.
National Lead Co., Oakland, $1848.17.
W. P. Fuller & Co., San Francisco, $1853.69.
General Paint Co., San Francisco, $1912.
Frank W. Dunne, Oakland, $1978.83.

CONTRACT AWARDED

OAKLAND, Cal.—Central Building Material Co., 915 Antonio St., San Leandro, at $5986 awarded contract by the East Bay Municipal Utility Dist. under Informal Proposal No. 522, for furnishing 2000 bbls. of Portland cement, high early strength.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 200 ft. or more of movable steel, telescoping forms for lining 16-ft. tunnel of the Colorado River Aqueduct. Specifications No. 100, were opened by the Metropolitan Water District, May 24. The bids were taken as follows:

(1) 10 sections of steel forms in 20-ft. sections, together with screw jacks and appurtenances, lump sum;
(2) lump sum, price for 2 additional sections of steel forms, together with screw jacks and appurtenances, if ordered within 120 days after date of contract;
(3) lump sum price for 4 additional sections of steel forms, together with screw jacks and appurtenances, if ordered within 120 days after date of contract;
(4) lump sum for 10 additional sections of steel forms, together with screw jacks and appurtenances, if ordered within 120 days after date of contract.

The bids were:

Lakeside Bridge & Steel Co., Milwaukee, (f.o.b. Milwaukee), (1) $12,640, (2) $2478, (3) $4885, (4) $12,070; discount ½ of 1%.

Koppel Industrial Car & Equipment Co., Kopel, Pa. (f.o.b. Koppel, Pa.), (1) $16,700, (2) $3350; (3) $6550, (4) $15,920; discount, none.

Blaw-Knox & Western Pipe Corp. Los Angeles (f.o.b. 5517 Santa Fe Ave., Los Angeles), (1) $23,400, (2) $4680, (3) $9360, (4) $23,400; discount net 30 days. Sales tax, (1) $585, (2) $117, (3) $234, (4) $585; discount 30 days.

Pacific Iron & Steel Co., Ltd., Los Angeles (f.o.b. cars 116th & Alameda Sts., Los Angeles), (1) $14,170, (2) $2834, (3) $5668, (4) $14,170; discount net 30 days. Add sales tax.

Lacy Mfg. Co., Los Angeles (f.o.b. cars, Los Angeles), (1) $18,950, (2) $4000, (3) $7800, (4) $18,950; discount net 30 days. Sales tax, (1) $473.75, (2) $100, (3) $195, (4) $473.75; discount 30 days.

Consolidated Steel Corp., Ltd., Los Angeles (f.o.b. Los Angeles), (1) $24,612, (2) $5273, (3) $10,094, (4) $24,220; discount none. Add sales taxes and if applicable.

CONTRACT AWARDED

ALCATRAZ, Cal.—Champion Dishwashing Machine Co., Erie Pa., at $1,009.60 awarded contract by Warden U. S. Penitentiary, Alcatraz, for furnishing one dishwashing machine with dish washers complete. Circular No. 309.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colorado, May 27, under Spec. No. 687-D, for furnishing insulated wire and cable for installation in the Boulder Power Plant, Boulder Canyon Project:

Associated Wholesale Electric Co., Los Angeles, (1) $15,029.06; (2) no bid; (3) no bid; (4) no bid; (5) no bid; discount ½%.

Doubleday-Hill Electric Co., Washington, D. C., (1) $15,029.06; (2) no bid; (3) no bid; (4) no bid; (5) no bid; discount, ½%.

American Electrical Works, Phillipsdale, R. I., (1) $15,029.06; (2) no bid; (3) no bid; (4) no bid; (5) no bid; discount, ½%.

Circle Wire & Cable Corp., Brooklyn, N. Y., (1) $14,217.13; (2) $49,230.89 (3) no bid; (4) no bid; (5) no bid; discount, ½%.

United States Rubber Products Co., Inc., New York City, (1) no bid; (2)($55,339.16; (3) no bid; (4) $373.18; (5) no bid; discount ½%.

Simplex Wire & Cable Co., Boston, (1) $15,029.06; (2) $55,340.16; (3) $8,-302.39; (4) $373.18; (5) no bid; discount, ½%.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, (1) $15,029.06; (2) $55,-340.16; (3) $8302.39; (4) $373.18; (5) $129.76.

California Electric Supply Co., San Francisco, (1) $15,029.06; (2) $55,-488.66; (3) $8302.39; (4) $373.18; (5) $132.08.

Listenwalter & Gough, Inc., Los Angeles, (1) $15,029.06; (2) $55,282.83 (3) $8302.39; (4) $373.18; (5) $132.08

Identical bids at (1) $15,029.06; (2) $55,340.16; (3) $8302.39; (4) $373.18; (5) $132.08 were submitted by the following:

Habirshaw Cable & Wire Corp., New York City; M. B. Austin Co., Chicago; General Electric Co., Schenectady; General Elec. Supply Corp., Los Angeles; Triangle Conduit & Cable Co., Inc., Brooklyn; Anaconda Wire & Cable Co., New York City; Westinghouse Elec. Supply Co., Butte Montana; Mine & Smelter Supply Co., Denver; General Cable Corp., Chicago; Graybar Electric Co., Inc., Denver; American Automatic Elec. Sales Co., Chicago; American Steel & Wire Co., Denver; Westinghouse Electric Supply Co., Salt Lake City; Okonite Co., Chicago; Colony Corp., Rock Springs, Wyo., and Hazard Wire Rope Co.

All bidders allow a discount of ½% on Items 1, 2, 3 and 4, and 2% on Item 5, unless otherwise specified.

All bids f.o.b. Boulder City.

CONTRACTS AWARDED

FRESNO, Cal.—Contracts for furnishing materials for delivery at Camp Oak Flat, 24 miles east of Tollhouse, under Bid No. 5905-36-115, were awarded by Lieut. Geo. T. Stump, Purchasing & Contracting Officer, Fresno, June 1, as follows:

Lumber — Standard Lumber & Mill, 1710 Blackstone, Fresno, $398.63.

Cement — Standard Lumber & Mill, $123.25.

Roofing—Zellerbach Paper Co., H and Kern Sts., Fresno, $270.90.

Hardware—Fisher-Glassford Hardware Co., Fulton and Merced Streets, Fresno, $48.70.

Sheet Metal and Plumbing—Tay-Holbrook, Inc., 920 M St., Fresno, $327.63.

Electrical Materials—Graybar Electric Co., 732 Fulton St., Fresno, $91,62.

AMERICAN ROOF TRUSS COMPANY
(Largest Exclusive Truss Corporation)

AMERICAN WOOD BOWSTRING TRUSSES
Trusses Designed and Erected up to 150 feet — Service Without Delay
MOODY J. HENRY
132 Bancroft Road, Burlingame - Phone Burlingame 3141-J

DICKEY Burned Clay Products
Mastertile - Partition Tile - Face Brick - Drain Tile - Fire Brick
Common Brick and Mortar Colors
SAN FRANCISCO OFFICE:
116 New Montgomery Street - Telephone SUtter 4345
Sar Francisco: Seventh and Hooper Streets
OAKLAND OFFICE AND YARD:
First and Jackson Streets - Telephone GLencourt 2027

Reinforcing Steel
Cut, Bent, Delivered and Installed
BUILDING MATERIALS
GUNN, CARLE & CO.
20 Potrero Avenue : San Franicsco
Phone UNderhill 5480

Atlas Economy Gas Fuel Circulating System of Warm Air Heating

The ATLAS ECONOMY GAS CONVECTOR, the most important link in this circualting system, is as modern as tomorrow. Its square casing comes in a two-tone green, marking the age when a furnace can be as attractive and pleasing to the eye as it is efficient.
The Atlas Gas Convector is built of heavy gauge iron, all welded, with a bottom casing which eliminates the possibility of infiltration of dust or dirt.
The Atlas Economy Gas Furnace in all sizes has been approved by the American Gas Association and has met with all requirements of their laboratory tests thus giving assurance that the furnace is properly designed and constructed for efficiency and safe operation.

Atlas Heating & Ventilating Co., Ltd.
EVERYTHING IN HEATING
557-567 FOURTH STREET - 1451 32nd STREET
SAN FRANCISCO OAKLAND
Phone DOuglas 0377 Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

SAN FRANCISCO—Until June 13, 2 P. M., bids will be received by the Forest Service, P. E. Brown, Procurement Engineer, 85 Second St., San Francisco, under Contract No. 593, for furnishing one ⅜yard shovel and trailer.

Delivery f.o.b. bidder's shipping point nearest Oakland, or Los Angeles.

Specifications obtainable from the above office.

NATIONAL PARK SERVICE

MESA VERDE NATIONAL PARK, Colorado—Until June 12, 1 P. M., bids will be received by the Park Superintendent, Mesa Verde National Park, for furnishing one 4-in. and one 3-in. water meter.

Delivery f.o.b. Mancos, Colorado, and or bidder's shipping point.

SANTA FE, New Mexico—Until June 10, 2:30 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing fence materials for Bandelier National Mounment.

Bids will be taken as follows:

(1) 3476 galv. steel line posts, 6-ft. long;
(2) 684 galv. steel line strain posts, 6-ft. long.
(3) 2 galv. steel end posts, 8-ft. long.
(4) 1 galv. steel corner posts, 8-ft. long.
(5) 7 galv. steel single gates, 42-in. x 4-ft. tubular frame.
(6) 20 galv. steel gate posts to fit above gates, 7½-ft. long.
(7) 1 galv. steel single gate, 42-in. x 12-ft. tubular frame.
(8) 2 galv. steel gate posts to fit above gates, on 8-ft. and one 10-ft. long.
(9) 210 spools 80 rods each) galv. barbed wire, 2 point, 12½ gauge wire.

Delivery f.o.b. cars bidder's shipping point for shipment to Santa Fe, N. M. on Government bill of lading.

Specifications obtainable from the above office.

YELLOWSTONE NATIONAL PK., Wyo.—Until June 11, 2 P. M., bids will be received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Building, San Francisco, for furnishing two Venturi meters, complete, for the Yellowstone National Park.

Delivery fob bidder's shipping point and/or Gardiner, Mont.

Specifications obtainable from above office.

RECLAMATION SERVICE

BOULDER CITY, Nevada — Until July 8, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 627, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, Nevada, approximately 1,000,000 lbs. of pipe, fittings and valves for the Boulder Power Plant, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office upon deposit of $5, not returnable.

OAKLAND CITY

OAKLAND, Cal.—Until June 11, 4 P. M., bids will be received by Board of Education of the City of Oakland, John W. Edgemond, Secretary, Room 104, Administration Bldg., Oakland, for furnishing plumbing and hardware supplies.

Specifications obtainable from the Director of Purchasing, Room 115, Administration Bldg., Oakland.

CANAL ZONE

PANAMA CANAL ZONE. — Until June 11, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3061, for furnishing miscellaneous supplies and equipment, including:

Road roller, sheet metal forming machine, sheet metal turning, burring and wiring machine, lathe chuck, screw plates, water main tapping machine, power hacksaw, pipe fittings, valves, cocks, lavatories, water closet bowls, kitchen sinks, flush tank levers flush pipes, screws, bolts, nuts, rivets, lock washers, plate washers, ogee washers, screw spikes, track spikes, copper tacks, extension ladders, fire hose nozzles, ingot copper, pig lead, petroleum asphalt, ferromanganese, foundry coke, calcium chloride, calcium carbide, quicklime, white Portland cement, asphalt - saturated rag felt, rubber tape, lumber (cypress, hickory and white oak) and motor generator set.

Specifications obtainable from above office and from the Assistant Purchasing Officer, The Panama Canal, Fort Mason, San Francisco.

HUMBOLDT COUNTY

EUREKA, Humboldt Co., Cal.—Until June 11, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for furnishing and dlivering 1500 or more cu. yds. of river run gravel on the new road between Rolph and Government Life Saving Station in Road District No. 4.

Specifications obtainable from the County Surveyor.

LOS ANGELES COUNTY

WHITTIER, Los Angeles Co., Cal. —Until June 10, 7:30 P. M., bids will be received by the Whittier City Council for furnishing centrifugally spun reinforced concrete pressure pipe, as follows:

1400 ft. 30-in. pipe.
1400 ft. 21-in. pipe.

Specifications may be obtained from M. R. Bowen, city engineer, 205 North Greenleaf Ave., Dhittier. Price to be per foot delivered at trench-side near East end of Siphon Road, within ten days after award of contract. Certified check or bond, 10%. Debbie E. Allen, City Clerk.

OAKLAND SCHOOLS

OAKLAND, Cal.—Until June 18, 4 P. M., bids will be received by John W. Edgemond, Secretary, Board of Education, for tools for the school district.

Specifications on file in the office of the Director of Purchasing, Room 115, Administration Building, Oakland.

OAKLAND, Cal.—Until June 11, 4 P. M., bids will be received by John W. Edgemond, Secretary, Oakland Board of Education, for furnishing coal, plumbing supplies and hardware supplies for the school district.

Specifications are on file in the office of the Director of Purchasing, Room 115, Administration Building, Oakland.

WAR DEPARTMENT

FRESNO, Fresno Co., Calif.—Until June 24, bids will be received by the Quartermaster, Fresno District, Civilian Conservation Corps, Fresno, for the sale of rags, leather, rubberized cloth, metals, etc.

Specifications obtainable from above office.

BERKELEY CITY

BERKELEY, Alameda Co., Cal.—Until June 18, 10 A. M., bids will be received by the Berkeley City Council, City Hall, for furnishing sewer pipe, rock and screenings, asphalt concrete, and sand for the fiscal year, July 1, 1935, to June 30, 1936.

Specifications obtainable from the above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until June 13, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Ft. Mason, under Order No. 928-35-279, Req. No. QM 928-4537-35, Memo 6697, for furnishing arm chairs, steel dressers, metal night tables, steel chiffoniers, overbed tables, steel desks, steel chairs, steel rocking chairs, and adjustable hospital beds, for the Vancouver Barracks, Vancouver, Wash.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until June 14, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Sched. No. 3064, for furnishing 481,275 ft. b.m. Western Red Cedar lumber, or as an alternative, 481,275 ft. b.m. Cypress lumber.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal Fort Mason, San Francisco.

U. S. POST OFFICE DEPT.

SAN QUENTIN, Cal.—Until June 10 bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., for one section of steel shelving for San Quentin Proposal No. 2476.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Levees.
23.—Irrigation Proj.
24.—St. Light. Systems.
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SAN FRANCISCO.—Until June 26, 2 P. M., bids will be received by the Department of Public Works, San Francisco-Oakland Bay Bridge Division, Room 811, 500 Sansome St., San Francisco, for the construction of the electrical work on the San Francisco-Oakland Bay Bridge and its highway approaches.

Bids will be taken as follows:

Contract No. 11 (Bridge)

(1) Supply stations, lump sum;
(2) Substation No. 1, lump sum;
(3) Substation No. 2, lump sum;
(4) Substation No. 3, lump sum;
(5) Substation No. 4, lump sum;
(6) Substation No. 5, lump sum;
(7) Battery station, lump sum;
(8) Control station, lump sum;
(9) Distribution cable, lump sum;
(10) Control cable ,lump sum;
(11) Communication equip., lump sum
(12) Do wiring, lump sum;
(13) Navigation lights and airways beacon equip., lump sum;
(14) Navigation lights and Airways beacon wiring, lump sum;
(15) Fog signal equipment, lump sum;
(16) Fog signal wiring, lump sum;
(17) Service circuits, lump sum;
(18) 78 lighting standards, Type B;
(19) 4 do, Type C;
(20) 32 do, Type D;
(21) 36 do, Type E;
(22) 110 do, Type F;
(23) 48 do, Type G;
(24) 4 do, Type H;
(25) 14 do, Type J;
(26) 2 do, Type L;
(27) 2 do, Type M;
(28) 310 luminaire units, Type B;
(29) 14 do, Type C;
(30) 20 do, Type D;
(31) 176 do, Type E;
(32) 64 do, Type F;
(33) 6 do, Type G;
(34) 14 do, Type J;
(35) 4 do, Type K;
(36) Roadway lighting cable, lump sum;
(37) Spare equipment, lump sum;

Contract No. 11A (Approaches)

(38) Substation No. 6, lump sum;
(39) Distribution cable, lump sum;
(40) Control cable, lump sum;
(41) Communication equip., lump sum
(42) do wiring, lump sum;
(43) Service circuits, lump sum;
(44) 16 lighting standards, Type A;
(45) 32 do, Type B;
(46) 85 do, Type C;
(47) 51 do, Type K;
(48) 16 do, Type A;
(49) 176 do, Type B;
(50) 44 do, Type G;
(51) 29 do, Type H;
(52) Roadway lighting cable, lump sum;
(53) Spare equipment, lump sum.

Plans and specifications obtainable from the above office upon deposit of $50, of which $40 will be returnable.

C. H. Purcell, Chief Engineer, Chas. E. Andrew, Bridge Engineer.

RECOMMENDED

ALAMEDA, Alameda Co., Cal.—City Council has under consideration report of transportation committee recommending construction of tube beneath the Estuary between Oakland and Alameda near eastern boundary of Alameda Airport. Tube construction planned similar to existing Posey tube at Webster St., but for use of electric trains only. Inside diameter to be 20 ft.; length 4600 ft. Estimated cost $2,500,000. Application will be made for PWA assistance in financing.

CONTRACT AWARDED

PLACER COUNTY, Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at $4,450 awarded contract by the Placer County Board of Supervisors, A. S. Fleming, County Clerk, Auburn, for furnishing and erecting a 93-ft. 6-in. steel span bridge with 18-ft. roadway at a site adjacent to the Thomas and Glenn ranches about four miles northeast of Lincoln, Placer County, Bridge No. 3, Road No. 37, at Doty's Ravine.

M. A. Jenkins, Sacramento, submitted an irregular bid which was not considered.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a concrete conduit on Verdugo Wash from Kenilworth Avenue to Los Angeles River.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty, clerk of the board. Certified check or bond for 10% must accompany each bid.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a concrete conduit in Halls Canyon channel from the debris basin to Verdugo Wash.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles County Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty, Clerk of the Bd. Certified check or bond for 10% must accompany each bid.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a concrete conduit in Pickens Canyon channel from the debris basin to Verdugo Wash.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles County Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty, Clerk of the Bd. Certified check or bond for 10% must accompany each bid.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal. — J. F. Knapp, 1401 Park Ave., Oakland, at $117,478 awarded contract by the State Highway Commission, Sacramento, for the construction of an underground crossing under the tracks of the Southern Pacific Company at Folger Ave., Berkeley, consisting of two concrete abutments with wing walls, a concrete center pier, a concrete sealing slab and base slab, and a deck of precast concrete slabs.

CONTRACT AWARDED

LOS ANGELES, COUNTY, Cal.—R. R. Bishop, 5017 East Broadway, Long Beach, at $13,730.25 awarded contract by the State Highway Commission, Sacramento, for the widening of four 30-ft. spans on a reinforced concrete girder bridge across Newhall Creek, at Newall, Los Angeles County.

CONTRACT AWARDED

DOUGLAS, Arizona — Ed. Powell, Douglas, at $3775 awarded contract by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for the construction of a concrete bridge and approaches at the U. S. Inspection Station, Douglas, under Executive Order No. 6646.

CONTRACT AWARDED

CHELAN COUNTY, Wash.—Butler Constr. Co., 3419 S.W., Seattle, at $60,560 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 28, for grading, surfacing with crushed stone and constructing a reinforced concrete arch bridge 373.34 feet long over the Wenatchee River, on about 0.3 mile of State Road No. 15, Leavenworth vicinity, Federal Public Works Project No. 7176, in Cehlan County.

The total bids follow:

Butler Constr. Co., Seattle	$60,560
Henry Hagman, Cashmere	61,399
Lidral Constr. Co., Seattle	63,836
Sheble Constr. Co., Seattle	64,479
MacRae Bros., Seattle	67,590
L. Romano Engr. Corp., Seattle	71,486

BIDS OPENED

SAN JOAQUIN CO., Calif.—John Hachman, P. O. Box 206, Stockton, at $66,000 (Schedule 1) and at $72,800 (Schedule 2) submitted low bids to the San Joaquin County Board of Supervisors, Court House, Stockton, for the construction of a 204-foot steel drawbridge over Honker Cut, connecting King Island and the Empire tract, consisting of one 187-ft. and one 85-ft. approach spans, protection work for the draw span and construction

of a temporary ferry landing to be used during construction of bridge.

Estimated quantities follow:

Schedule 1

(1) 5445 lin. ft. concrete piles;
(2) 325 lin. ft. test piles;
(3) 7740 lin. ft. timber piles, treated
(4) 287 cu. yds. Class A concrete;
(5) 29.2 MFBM untreated Douglas Fir timber.
(6) 10.3 MFBM treated Douglas Fir timber;
(7) 29.7 MFBM Redwood timber;
(8) 7 tons reinforcing steel;
(9) 184 tons structural steel;
(10) 60 lini. ft. drain pipe (2½-in. galvanised water pipe);
(11) 612 lin. ft. ⅝-in. cable, for dolphins;
(12) 544 lin. ft. Page highway guards, or equal.

Schedule 2

(1) 5445 lin. ft. concrete piles;
(2) 325 lin. ft. test piles;
(3) 7740 lin. ft. timber piles, treated.
(4) 487.8 cu. yds. concrete;
(5) 3 MFBM untreated Douglas Fir timber;
(6) 8.3 MFBM treated Douglas Fir timber;
(7) 10.7 tons reinforcing steel;
(8) 6125 sq. ft. wire mesh;
(9) 239.5 tons structural steel;
(10) 108 lin. ft. drain pipe (2½-inch galvanized water pipe);
(11) 612 lin. ft. ⅝-in. cable, for dolphins.

Total bids follow:

(A) John Hachman, Stockton, (1) $66-000; (2) $72,800.
(B) Bundesen & Lauritzen, Pittsburg, (1) $67,389; (2) $74,389.
(C) M. B. McGowan, nic., San Francisco, (1) $81,325; (2) $88,575.

Unit bids for additional or deducted material were taken as follows:
(1) concrete piles per l.f.;
(2) timber piles (treated) per l.f.;
(3) concrete per c.y.;
(4) timber (treated) per MFBM;
(5) reinforcing steel, per 100 lbs.

Unit bids follow:

ADDITIONS

	(A)	(B)	(C)
(1)	$ 1.50	$ 2.00	$ 2.00
(2)	1.15	.85	1.00
(3)	10.00	30.00	18.00
(4)	80.00	95.00	80.00
(5)	5.00	7.50	5.00

DEDUCTIONS

	(A)	(B)	(C)
(1)	$ .80	$ 1.00	$ .50
(2)	.60	.60	.30
(3)	6.00	18.00	9.00
(4)	60.00	80.00	40.00
(5)	3.00	4.00	3.00

All bids held under advisement until June 10.

NOTICE TO BIDDERS

BIDS OPENED

SIERRA COUNTY, Cal.—Chas. Kuppinger, Box 356, Lakeport, at $35,-458.50 submitted low bid to the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across the North Fork of the Yuba River, at Downieville, Sierra County, consisting of two 40-foot, two 31-foot and two 9-foot spans on concrete piers, and grading road approaches.

The work involves:
(1) 1.3 acres clearing and grubbing right-of-way;
(2) 210 M. gals. water;
(3) 8800 cu. yds. roadway excavation (unclass.);
(4) 1490 cu. yds. struc. excav.;
(5) 126,000 sta. yds. overhaul;
(6) 67,500 lbs. bar reinf. steel;
(7) 456 cu. yds. Class A Portland cement concrete (structure);
(8) 12 cu. yds. Class F Portland cement concrete (railing);
(9) 150 cu. yds. Class A Portland cement concrete (footing blocks);
(10) 62 lin. ft. 18-in. C.M.P.;
(11) 95 cu. yds. sacked conc. riprap;
(12) 1200 cu. yds. selected stone embankment;
(13) 1 lot misc. items of work.

Total bids follow:
(A) Chas. Kuppinger, Lakeport, $35,-458.50.
(B) Lord & Bishop, Sacramento, $37,-389.50.
(C) A. H. Siemer and John Carcano, San Anselmo, $38,364.

Unit bids follow:

	(A)	(B)	(C)
(1)	$100.00	$100.00	$100.00
(2)	1.50	1.50	1.25
(3)	.98	1.25	1.25
(4)	2.70	3.00	3.00
(5)	.01	.01	.01
(6)	.045	.045	.045
(7)	22.00	24.00	21.00
(8)	45.00	50.00	50.00
(9)	15.00	15.00	16.00
(10)	2.00	1.00	2.00
(11)	11.00	11.00	15.00
(12)	3.00	1.50	3.00
(13)	500.00	500.00	500.00

CONTRACT AWARDED

CHELAN COUNTY, Wash.—Elliott & Co., Inc., 2155 Northlake, Seattle, at $39,060 awarded contract by L. V. Murrow, Director of Highways, Olympia, for the construction of a bridge 263.16 feet long over the Wenatchee River in Tumwater Canyon, Section 1; and a steel girder bridge 145 ft. long over Chiwaukum Creek in Tumwater Canyon, Section 2, on State Road No. 15, in Chelan County.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Collins & Martin, 1139 Glenn Avenue, San Jose, at $2,209 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, Court House, San Jose, for the construction of a reinforced concrete culvert on Quindy Road in Supervisor District No. 2.

Complete bids follow:

Collins & Martin, San Jose	$2,209
Leo F. Piazza, San Jose	2,987
A. Pillini	3,066
Engineer's estimate	2,200

22—DREDGING HARBOR WORKS EXCAVATION

TO ASK FUNDS

OLYMPIA, Wash. — The Washington State Canal Commission will apply for $30,000,000 federal funds to finance construction of the proposed Puget Sound-Grays Harbor ship canal. Report on the project will be submitted shortly to the U. S. Army Engineers and to E. R. Hoffman, State Engineer, PWA.

Frank Hill, Aberdeen, executive secretary of the commission.

CONTRACT AWARDED

LOS ANGELES, Cal.—Pan - Pacific Piling and Construction Co., 2145 E 25th St., Los Angeles, was awarded the contract by the Los Angeles harbor department, May 29 at $43,200, for making and impregnating with asphalt 15,000 l.f. of reinforced concrete bearing piles for wharf at Berth 155, Los Angeles Harbor; Spec. No. 940. Merritt-Chapman & Scott Corp., San Pedro, was awarded a contract at $12,-000 for transporting and driving the piles.

TO ASK BIDS

LOS ANGELES, Cal.—Major H. H. Stickney, U. S. Engineer, has announced that bids will be called about the first of July for the construction of an additional section of the Los Angeles-Long Beach breakwater. A total of 5400 ft. has been completed. The length when completed will be 12,500 ft. The cost to complete is estimated at $3,000,000 to $4,000,000.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

ROCKWELL FIELD, San Diego—V. R. Dennis Constr. Co., 3911 5th Ave., San Diego, at $3499 awarded contract by the Constructing Quartermaster, Rockwell Field, for the installation of a night lighting system at Rockwell Field.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN MATEO, Santa Cruz and Santa Clara Cos., Calif.—Rock & Gravel Trucking Co., 3330 14th Ave., Oakland, at $3 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one power shovel of not less than ⅝-c.y. capacity, for approximately 600 hours, to be used in San Mateo, Santa Cruz and Santa Clara counties.

Complete bids follow:

Rock & Gravel Trucking Co., Oakland, $3.
Fred A. Lanse, San Jose, $3.20.
J. Locatelli, Boulder Creek, $3.34.
Edward R. Bacon Co., San Francisco, $3.49.
Chas. Kuppinger, Lakeport, $3.50.
A. D. Robinson & W. E. Cowan, Healdsburg, $3.75.
Johnson and Nelson, San Anselmo, $4.25.
Jack Harrison, Niles, $4.25.
A. N. Giorgi, $5.
Western Crane Service Corp., Oakland, $6.
Consolidated Crane Service, Los Angeles, $6.59.
Harry C. Collins Machinery Co., Los Angeles, $6.50.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., May 31, under Spec. No. 686-D, for furnishing one 15-ton gantry crane for turbine draft tube bulkhead gates at Boulder Power Plant, Boulder Canyon Project:

Omaha Steel Works, fob Omaha, Neb., $4,876; ½%.
Shaw-Box Crane & Hoist Co., fob Muskegon, Mich., $6,695; net.
Bedford Foundry & Machine Co., fob Beford, Ind., $8,212; ½%.
Alliance Machine Co., fob Alliance, Ohio, $7,094; net.
Morgan Engr. Co., fob Alliance, O., $7,160; net.
Consolidated Steel Corp., Ltd., fob Los Angeles, $7,780; net.

Bids held under advisement.

CONTRACT AWARDED

BOULDER CITY, Nevada — Victor Equipment Co., Los Angeles, at $10,-070.62 awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing f.o.b. Boulder City three deep well turbine type, motor driven pumping units, 5000 G.P.M. capacity each; one deep well turbine type, motor driven pumping unit, 1600 G.P. M. capacity, and two portable deep well turbine type, motor driven pumping units, 1500 G.P.M., for installation in the Boulder Dam and power plant, Boulder Canyon Project, Arizona-California- Nevada. All apparatus will be installed by the government.

BIDS OPENED

SAN FRANCISCO. — Following bids received by Jas. T. Forster, Assistant Procurement Engineer, Forest Service 85 Second St., under Contract No. 592, for furnishing one 3½-c.y. capacity, tilting drum, heavy duty trailer type contractor mixer, with a 2-hp. gasoline engine:

Edward R. Bacon Co., $280, fob Porterville, 5% 15 days.

Kwick Mix Mixer Co., by Harron, Rickard & McCone Co., $310; fob Porterville; net.

Jenison Machinery Co., $316.79, fob Porterville; 5% 10 days.

Kratz & McClelland, $200 fob Fredonia, Wis.; 5% 10 days.

Leach Co., $245, fob Oshkosh, Wis.; net.

Jenison Machinery Co., $250, fob Milwaukee, Wis.; 5% 10 days.

A. L. Young Machinery Co., $258.50, fob Jackson, Mich.; net.

Bids held under advisement.

CONTRACT AWARDED

BOULDER CITY, Nev.—Atlas Car & Mfg. Co., at $4,542 fob Cleveland, Ohio, awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 673-D for furnishing one 180-ton transfer car for Boulder Power Plant, Boulder Canyon Project.

26— RAILROADS

BIDS WANTED

OAKLAND, Cal. — Until June 17, 2:30 P. M., bids will be received by A. H. Abel, Secretary, Board of Oakland Port Commissioners, for furnishing and delivering track material on the dock at the 7th Street Unit, Outer Harbor Terminal, Oakland.

Plans and specifications may be obtained from above office upon deposit of $5.

29—STREETS AND HIGHWAYS

BIDS WANTED

OAKLAND, Alameda Co., Cal.—Until June 13, between 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for the improvement of portions of Snake Road and Skyline Blvd.

Bids will be taken as follows:

Proposal "A" 20,730 sq. yds. penetration macadam surfacing, including preparation of subgrade.

Proposal "B" 20,730 sq. yds. emulsified stabilized crusher run quarry base with surface treatment of screenings and emulsified road oil, including preparation of subgrade.

Plans and specifications obtainable from the City Clerk's Office.

BIDS WANTED

SISKIYOU COUNTY, Calif. — Until June 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 8.2 miles grading in Siskiyou County between Cougar and four miles northeast of Grass Lake Station.

The work involves:

(1) 42 acres clearing and grubbing highway right of way (inside slope line);
(2) 59 acres clearing highway right of way (outside slope line);
(3) 157,000 c.y. rdwy. excav., unclass.
(4) 881,000 sta. yds. overhaul;
(5) 670 c.y. ditch and channel excavation;
(6) 58,000 c.y. imported borrow;
(7) 720 c.y. struc. excav.;
(8) 435 sta. finishing rdwy.;
(9) 10,800 lbs. bar reinf. steel (struc.)
(10) 140 c.y. Class A Portland cement concrete (struc.);
(11) 76 l.f. 12-in. CMP;
(12) 956 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 72 l.f. 48-in. CMP;
(16) 54 each monuments complete in place.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SONOMA COUNTY, Calif. — Until June 26, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.2 miles widening and paving with Portland cement concrete and asphalt concrete in the City of Santa Rosa, Sonoma County, between College Ave. and the south city limits.

The work involves:

(1) 11 stations clearing and grubbing right of way;
(2) 13,720 sq. yds. rdwy. excav., unclass.;
(3) 3,070 c.y. creek run gravel base;
(4) 6,460 tons asphalt concrete;
(5) 705 c.y. Class A Portland cement concrete (pave.);
(6) 1,210 each pavement dowels;
(7) 16,000 lbs. bar reinf. steel (struc.)
(8) 165 c.y. Class A Portland cement concrete (struc.);
(9) 550 l.f. removing existing culverts;
(10) 326 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(11) 25,100 sq. yds. asph. paint binder;
(12) 585 c.y. concrete removed and disposed of;
(13) 1,400 l.f. removing existing granite curbs;
(14) 22 ea. manholes adjusted to grade
(15) 16,500 sq. yds. planing existing pavement;
(16) 124 l.f. 30x5-in. part circle CMP, 8 gauge;
(17) 144 l.f. do, 12 gauge.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until June 27, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles grading and paving with asphalt concrete or Portland cement concrete in Los Angeles County on Cerritos Ave. between Los Angeles St. and Artesia Ave.

The work involves:

(1) 110 sta. clearing and grubbing right of way;
(2) 550 M. gals water;
(3) 20,500 c.y. rdwy. excav., unclass.
(4) 1,066,000 sta. yds. overhaul;
(5) 250 c.y. struc. excav.;
(6) 600 c.y. sand;
(7) 3,600 sq. yds. blending subgrade;
(8) 29,700 sq. yds. preparing subgrade
(9) 110 stations finishing rdwy.;
(10) 90 tons mineral aggregate (plant-mixed surfacing);
(11) 5 tons liquid asphalt MC-5 or MC-extra heavy (do);
(12) 1 ton liquid asphalt MC-2 (prime coat);
(13) 25 tons liquid asphalt SC-2 (do);
(14) 315 tons do (road mix surface treatment);
(15) 25,000 sq. yds. preparing, mixing and shaping shoulders;
(16) 27 tons liquid asphalt 90-95 (seal coat);
(17) 320 tons screenings (do);
(18) 4,000 lbs. bar reinf. steel (struc.)
(19) 45 c.y. Class A Port. cement concrete (structures);
(20) 50 l.f. cleaning and salvaging existing CMP culverts;
(21) 2 each culvert markers,
(22) 22 each monuments.

ALTERNATIVE ITEMS

Alternative "A"

(23) 12,400 tons asphalt concrete

Alternative "B"

(24) 5,535 c.y. Class A Portland cement concrete (pave.),
(25) 14,800 lbs. bar reinf. steel (pave.),
(26) 8,000 each pavement dowels;
(27) 1 temporary pave. crossing device.

Note: Alternative "A" sets forth the necessary item for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at $20,936.13 submitted low bid to State Highway Commission, Sacramento, for about 0.1 mile pavement widening and paving with Portland cement concrete and asphalt concrete in the City of San Francisco on Fifth Street between Harrison and Bryant Streets.

The work involves:

(1) 27,000 sq. ft. street grading;
(2) 300 sq. yds. removing existing asphalt surface;
(3) 1,400 tons crusher run base;
(4) 4,000 sq. yds. asph. paint binder;
(5) 2,200 tons asphalt concrete;
(6) 160 c.y. Class A Portland cement conc. (pavement widening strips)
(7) 325 lbs. bar reinf. steel;
(8) 200 each pavement dowels;
(9) 165 c.y. Class A Portland cement concrete (curbs and sidewalks);
(10) 365 c.y. Class B do (curb backing and ballast);
(11) 548 l.f. removing and resetting stone curbs;
(12) 1,100 each cross walk markers;
(13) 2 ea. moving and resetting street signs;
(14) 7 each moving and resetting side sewer traps;
(15) 6 each removing and resetting manhole frames and covers;
(16) 2 each removing catchbasin covers and frames and placing manhole frames and covers;
(17) 4 each new brick catchbasins;
(18) 4 ea. moving and resetting brick catchbasins;
(19) 330 l.f. 10-in. vitrified clay pipe sewer.

Total bids follow:

(A) Chas. L. Harney, San Francisco, $20,936.13.
(B) Union Paving Co., San Francisco, $21,591.80.
(C) Fay Improvement Co., San Francisco, $22,629.31.
(D) Pacific States Constr. Co., San Francisco, $22,817.56.
(E) A. G. Raisch, San Francisco, $22-912.65.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .03	$ .06	$ .08	$ .11	$ .08
(2)	.35	.25	.35	.30	.30
(3)	1.85	2.00	2.00	2.30	2.40
(4)	.02	.04	.026	.025	.02
(5)	4.30	4.00	4.05	3.60	4.04
(6)	9.20	10.00	9.45	10.00	9.90
(7)	.06	.10	.035	.055	.05
(8)	.30	.60	.50	.28	.30
(9)	14.00	12.00	14.00	15.00	12.50
(10)	6.60	7.50	8.13	7.35	7.70
(11)	.31	.35	.46	.28	.55
(12)	.25	.25	.19	.25	.30
(13)	5.00	5.00	6.00	4.50	5.00
(14)	6.25	15.00	15.00	5.50	15.00
(15)	6.25	10.00	10.00	16.50	5.00
(16)	32.00	25.00	30.00	42.00	25.00
(17)	90.00	70.00	66.50	78.00	70.00
(18)	62.00	50.00	57.50	55.00	50.00
(19)	1.95	1.50	1.38	1.50	1.50

BIDS OPENED

ALPINE COUNTY, Cal.—Fredrickson & Watson Const. Co. and Fredrickson Bros., 873 81st Ave., Oakland, at $35,554.10 submitted low bid to the State Highway Commission, Sacramento, for about 2.8 miles grading and surfacing with untreated crushed gravel or stone, and applying road mix surface treatment, in Alpine County between the Nevada State Line and 3.4 miles north of Woodfords.

The work involves:

(1) 24 stations clearing and grubbing right of way;
(2) 500 M. gals. water;
(3) 23,000 c.y. rdwy. excav., unclass.;
(4) 1,710 c.y. ditch and channel excavation,
(5) 1,010 cy. structure excavatoin;
(6) 27,000 sta. yds. overhaul;
(7) 147 sta. finishing rdwy.;
(8) 11.100 cu. yds. untreated crushed gravel or stone surfacing;
(9) 170 tons liquid asphalt SC-4 (road mix surface treatment);
(10) 35 tons liquid asph. SC-2 (prime coat);
(11) 32,660 sq. yds. preparing, mixing, and shaping road bed;
(12) 74 c.y. Class A Portland cement concrete (structures);
(13) 3,970 lbs. bar reinf. steel (struc.);
(14) 792 l.f. 18-in. CMP;
(15) 632 l.f. 24-in. CMP;
(16) 140 l.f. 36-in. CMP;
(17) 80 l.f. 48-in. CMP;
(18) 46 l.f. existing CMP culverts removed and salvaged·
(19) 0.66 MFBM redwood timber, select, all-heart, structural grade (flash boards);
(20) 30 each monuments complete in place.

Total bids follow:

(A) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland, $35,554.10.
(B) A. Teichert & Son, Ins., Sacramento, $35,918.00.
(C) Isbell Const. Co., Reno, Nevada, $51,843.10.
(D) N. M. Ball and Larson Brothers, Berkeley, $55,752.80.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 10.00	$ 10.00	$ 15.00	$ 25.00
(2)	1.50	1.25	1.50	2.00
(3)	.35	.36	.55	.45
(4)	.35	.60	.75	1.00
(5)	1.00	1.00	1.25	1.50
(6)	.02	.02	.01	.02
(7)	7.50	5.00	10.00	8.00
(8)	.85	1.00	1.65	2.25
(9)	23.00	20.50	29.00	23.00
(10)	20.50	18.00	23.00	20.00
(11)	.055	.055	.08	.06
(12)	35.00	25.00	34.00	30.00
(13)	.08	.06	.07	.06
(14)	2.00	2.00	2.00	2.00
(15)	2.85	3.00	2.80	3.00
(16)	5.50	5.75	5.00	6.00
(17)	8.25	8.00	7.25	12.00
(18)	.65	.50	1.00	.56
(19)	135.00	150.00	80.00	160.00
(20)	3.00	3.50	3.50	3.00

BIDS REJECTED

SISKIYOU COUNTY, Cal.—All bids received by the State Highway Commission, Sacramento, May 15, for about 12.5 miles of grading in Siskiyou County, between Cougar and Horse Thief Creek, have been rejected and the project will be readvertised.

Guy F. Atkinson Co., 658 Russ Bldg. San Francisco, at $198,383 submitted the low bid.

PREPARING SPECIFICATIONS

EL CERRITO, Contra Costa Co., Cal.—Engineering Department of the City of El Cerrito, Harry D. Chapman, City Engineer, is preparing revised specifications for the improvement of Cutting Blvd. from westerly limit of El Cerrito to the westerly line of San Pablo Ave.

Bids will be asked shortly.

Fred J. Prosser, city clerk.

BIDS WANTED

BONNEVILLE, Oregon—Until June 11, 3:00 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, Dist. Engineer, under Bid No. 694-35-34, for the construction of asphaltic concrete paving on permanent roads, driveways and walks, at Bonneville.

Bids will be taken as follows:

(1) 19,000 sq. yds. preparation of subgrade;
(2) 500 cu. yds. crushed rock in place;
(3) 3000 tons asphaltic concrete base course in place;
(4) 1800 tons asphaltic concrete wearing surface in place;
(5) 200 tons asphaltic concrete non-skid surface in place;
(6) 8000 lin. ft. wooden headers in place.

Specifications obtainable from above office.

SAN FRANCISCO — Marina Section "C" Mains — (City)

SAN FRANCISCO.—MacDonald and Kahn Co., Ltd., 200 Financial Center Building, San Francisco, at $96,575.27 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,843, for installing Section "C" of the Marina District Extension to Auxiliary Water Supply System for Fire Protection, in the area bounded by Van Ness Ave., Beach, Baker and Lombard Streets.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 20 l.f. 20-in. Class G bell and spigot, lugged;
(2) 4565 l.f. 14-in. Class H bell and spigot, plain;
(3) 276 l.f. 14-in. Class H bell and spigot, lugged;
(4) 1237 l.f. 14-inch Class H double spigot, plain;
(5) 120 l.f. 14-inch Class H double spigot, lugged;
(6) 4209 l.f. 12-in. Class H bell and spigot, plain;
(7) 480 l.f. 12-in. Class H bell and spigot, lugged;
(8) 4037 l.f. 12-inch Class H double spigot, plain;
(9) 444 l.f. 12-inch Class H double spigot, lugged;
(10) 3189 l.f. 10-inch Class H double spigot, plain;
(11) 216 l.f. 10-inch Class H double spigot, lugged;
(12) 323 l.f. 8-inch Class H bell and spigot, lugged;
(13) 12 12-in. gate valves, in place;
(14) 34 10-in. do;
(15) 42 8-in. do;
(16) 42 standard h.p. hydrants in place

Note: Items 1 to 16 inclusive. Cast Iron Pipe, Valve Hydrants and Special Castings, will be furnished by the City.

(17) 9 12-in. gate valves, furnished & delivered;
(18) 20 10-inch do;
(19) 160,000 lbs. pig lead, furnished & delivered;
(20) 50,000 lbs. cast steel special castings, furnished and delivered;
(21) 80,000 lbs. do;
(22) 41,900 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
(23) 42,800 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(24) 6050 lbs. reinforcing steel, furnished and placed;
(25) 97 c.y. Class B concrete in place;
(26) 11,550 c.y. excavation and back-fill;
(27) 55,380 sq. ft. asphalt, concrete pavement (2x6-in.) Class F concrete;
(28) 760 sq. ft. concrete side walk ,1-course;
(29) 26 c.y. crushed rock, furnished and placed;
(30) 60 tons bell and spigot pipe or double spigot pipe, without lugs. In classes G to H inc. and in nominal diameters of 8- to 20-in. inclusive;
(31) 9 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In classes G to H including and in nominal diameters of 8- to 20-in. inclusive;
(32) 500 sq. ft. asphaltic conc. wearing surface, 2-in. thick.

Note: Items 17 to 32 inclusive: all materials, including pipe, shall be furnished by the Contractor.

Total bids follow:

(A) MacDonald & Kahn Co., Ltd. ..... $ 96,575.27
(B) Herman Lawson 99,769.95
(C) M. J. Lynch 102,951.40
(D) Lowrie Paving Co. 104,003.20
(E) Peninsula Paving Co. 112,679.80
(F) Chas. L. Harney 112,754.10
(G) Eaton & Smith 117,184.60
(H) Union Paving Co. 128,922.50

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 6.70	$ 34.50	$ 3.00	$ 3.00	$ 5.00	$ 2.90	$ 11.00	$ 10.00
(2)	1.78	1.75	1.60	.85	2.00	2.35	3.00	3.00
(3)	1.71	3.75	1.80	.85	2.20	2.45	3.00	3.50
(4)	1.30	2.45	2.00	.85	2.60	1.85	3.00	3.00
(5)	2.45	5.57	2.50	.85	2.80	2.80	3.00	3.75
(6)	1.85	1.60	1.50	.85	1.80	2.00	2.46	3.00
(7)	1.61	3.95	1.75	.85	1.90	2.00	2.40	3.50
(8)	2.05	1.95	2.00	.85	2.40	2.10	2.40	2.80
(9)	1.88	3.40	2.20	.85	2.50	2.35	2.40	3.90
(10)	1.30	1.70	1.60	.85	2.00	1.80	1.90	2.40
(11)	1.88	2.60	1.80	.85	2.00	1.90	1.90	2.85
(12)	5.17	4.00	2.00	.85	2.50	2.20	7.00	2.80
(13)	23.00	26.00	15.00	15.00	25.00	40.00	70.00	120.00
(14)	28.00	38.00	12.00	12.50	20.00	30.00	52.00	120.00
(15)	22.00	27.00	10.00	8.00	10.00	25.00	41.00	45.00
(16)	24.00	18.00	15.00	8.00	15.00	35.00	52.00	20.00
(17)	290.00	155.00	400.00	363.00	300.00	290.00	290.00	290.00
(18)	195.00	85.00	260.00	213.00	225.00	195.00	190.00	195.00
(19)	.03	.045	.04	.046	.045	.04	.0455	.05
(20)	.18	.07	.18	.18	.185	.18	.18	.18
(21)	.0375	.02	.05	.05	.05	.05	.05	.06
(22)	.033	.06	.06	.06	.07	.07	.055	.05
(23)	.071	.09	.0825	.0825	.085	.09	.10	.09
(24)	.06	.05	.05	.05	.05	.05	.05	.05
(25)	27.00	20.00	18.00	20.00	20.00	20.00	21.00	12.00
(26)	1.25	1.75	1.20	2.50	1.50	1.75	1.00	1.00
(27)	.18	.20	.25	.32	.23	.18	.18	.25
(28)	.12	.16	.14	.15	.20	.25	.12	.12
(29)	3.00	1.50	2.00	3.00	3.00	3.00	2.00	2.50
(30)	50.00	27.50	60.00	48.50	50.00	48.50	50.00	50.00
(31)	60.00	47.50	60.00	58.50	60.00	59.00	60.00	90.00
(32)	.12	.10	.08	.07	.12	.12	.10	.10

BIDS WANTED

MONO COUNTY, Cal. — Kennedy Constr. Co., 1140 Chatham Rd., Oakland, at $36,222 submitted low bid to the State Highway Commission, Sacramento, for about 2.1 miles grading and surfacing with bituminous treated selected material in Mono County, between one mile north of Bodie Road and Point Ranch.

The work involves:

(1) 12 acres clearing and grubbing right of way;
(2) 1,100 M. gals. water;
(3) 6,700 c.y. rdwy. excav., unclass.;
(4) 5,000 sta. yds. overhaul;
(5) 490 c.y. struc. excav.;
(6) 650 c.y. ditch excav.;
(7) 23,700 c.y. Type A imported borrow;
(8) 10,000 c.y. Type B do;
(9) 1,400 c.y. rock slope protection;
(10) 110 stations finishing rdwy.;
(11) 55 tons liquid asph. SC-2 (prime coat);
(12) 4,400 c.y. selected material (surfacing);
(13) 206 tons liquid asphalt SC-3 (bituminous treatment);
(14) 2.22 miles mixing, shaping and compacting bituminous treated surfacing;
(15) 20 tons liquid asphalt MC-3 (seal coat);
(16) 150 c.y. screenings (seal coat);
(17) 400 lbs. bar reinf. steel;
(18) 13 c.y. Class A Port. cem. conc. (structures);
(19) 406 l.f. 24-in. CMP;
(20) 142 l.f. cleaning and relaying C M P culverts;
(21) 236 l.f. cleaning and salvaging C M P culverts;
(22) 14 each culvert markers;
(23) 58 each guide posts;
(24) 43 each monuments complete in place.

Total bids follow:

(A) Kennedy Constr. Co., Oakland, $36,222.
(B) Basich Bros., Torrance, $38,-325.62.
(C) Gogo & Rados, Los Angeles, $42,-453.80.
(D) Bayshore Constr. Co., San Francisco, $54,550.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$100.00	$100.00	$ 50.00	$ 25.00
(2)	1.00	.80	1.30	3.00
(3)	.70	.50	.50	.45
(4)	.01	.01	.03	.05
(5)	2.00	1.00	1.50	1.25
(6)	1.00	.40	.50	1.25
(7)	.40	.40	.55	.76
(8)	.35	.45	.45	.78
(9)	.75	.80	.80	1.56
(10)	5.00	15.00	10.00	3.00
(11)	17.00	21.50	18.00	24.00
(12)	.75	1.00	1.30	1.10
(13)	20.00	21.50	20.00	24.50
(14)	500.00	900.00	800.00	900.00
(15)	30.00	25.50	25.00	28.50
(16)	4.00	2.50	3.50	7.00
(17)	.08	.06	.10	.07
(18)	30.00	30.00	35.00	30.00
(19)	3.00	3.62	3.30	4.00
(20)	1.50	.80	1.00	2.00
(21)	1.00	.80	1.00	3.00
(22)	2.00	3.00	3.00	1.00
(23)	2.00	3.00	3.00	2.50
(24)	3.00	3.00	3.00	3.50

CONTRACT AWARDED

ALPINE COUNTY, Cal.—Frederickson & Watson Constr. Co., and Fredrickson Bros., 873 81st Ave., Oakland, at $35,554.10 awarded contract by the State Highway Commission, Sacramento, for about 2.8 miles grading and surfacing with untreated crushed gravel or stone, and applying road mix surface treatment, in Alpine County, between the Nevada State Line and 3.4 miles north of Woodfords.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until June 11, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 416 Market St., San Francisco, for applying a bituminous dust palliative on 7.206 miles of section C or Route 38, the Sonora Pass National Forest Highway and Section A of Route 83, the Pine Crest Nat'l. Forest Highway, Stanislaus National Forest, Tuolumne County.

The work involves furnishing and applying 85 tons of liquid asphalt road material, Type S.C. 1-A.

Specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SPOKANE & WHITMAN COUNTIES, Wash.—J. H. Collins & Co., Box 56, Spokane, at $22,885 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 28, for paving with Portland cement concrete about 0.5 mile of State Road No. 3, Spokane - Rosalia Paving Gaps, Federal Public Works Project No. 6719, in Spokane and Whitman Counties.

Total bids follow:

J. H. Collins & Co., Spokane	$22,885
Norris Bros., Burlington	23,145
Chas. A. Power, Spokane	23,812
H. J. Adler Co., Tacoma	24,291

MONTEREY CO.—Torre & Pfeiffer Canyon Bridges—(State)

MONTEREY COUNTY, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at $92,728 submitted low bid to the State Highway Commission, Sacramento, for the construction of two Redwood timber bridge in Monterey County, between 33 and 38 miles south of Monterey. One is to be across Pfeiffer Canyon, consisting of one 76-ft. and one 57-ft. deck truss span, and nine 19-ft. trestle spans; the other is to be across Torre Canyon, consisting of one 126-ft. deck truss span and approximately 288 ft. of trestle spans.

The work involves:

(1) 1250 cu. yds. roadway excav.;
(2) 2150 cu. yds. struct. excav.;
(3) 635 cu. yds. Class A Portland cement concrete;
(4) 33,000 lbs. bar reinf. steel;
(5) 174,000 lbs. structural metal;
(6) 344 MFBM redwood timber, dense select, all heart struct. grade;
(7) 148 MFBM redwood timber, select, all heart, structural grade;
(8) 470 lin. ft. 8-in. CMP;
(9) 1 lot bridge drainage equipment;
(10) 1 lot misc. items of work.

Total bids follow:

(A) E. T. Lesure, Oakland $ 92,728
(B) Harry J. Oser, S. F. 94,763
(C) F. C. Amoroso and Sons, San Francisco 103,115
(D) M. B. McGowan, S. F. 103,611
(E) Peninsula Paving Co., San Francisco 103,930
(F) Rocca & Co., San Rafael 106,194
(G) R. R. Bishop, Long Beach 106,585

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.50	$ 1.50	$ 1.50	$ 1.30	$ 1.00	$ 1.50	$ 3.00
(2)	3.50	3.00	3.50	3.00	3.00	2.00	3.00
(3)	21.00	26.00	23.00	25.00	25.00	24.00	30.00
(4)	.06	.05	.05	.05	.045	.05	.045
(5)	.07	.07	.07	.08	.07	.079	.07
(6)	107.00	106.00	125.00	118.00	110.00	135.00	125.00
(7)	110.00	118.00	120.00	140.00	185.00	135.00	125.00
(8)	1.00	1.00	1.00	1.00	1.00	1.00	1.00
(9)	1075.00	950.00	1250.00	1000.00	500.00	693.00	700.00
(10)	1200.00	750.00	2800.00	1309.00	500.00	1800.00	1000.00

SAN FRANCISCO — 18TH STREET SEWERS — (CITY)

SAN FRANCISCO. — Union Paving Co., 624 Call Bldg., San Francisco, at $58,893.20 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,797, for construction of sewers and appurtenances in the rea adjacent to the crossing of 18th and Folsom Streets.

The work involves:

(1) 564 l.f. 7-ft. 6-in. circular reinforced concrete sewer;
(2) 100 l.f. 6-ft. 3-in. do;
(3) 713 l.f. 18-in. VCP sewer incased in concrete;
(4) 49 l.f. 15-in. VCP sewer;
(5) 4 manholes on concrete sewer;
(6) 3 manholes on VCP sewer on piles;
(7) 1 manhole on VCP sewer;
(8) 50 18x8-in. Y or T branches;
(9) 1 reinforced concrete taper connection;
(10) 36 l.f. 10-in. VCP culvert;
(11) 713 l.f. 6-in. VCP underdrain covered with concrete or imbedded in broken rock, as directed;
(12) 664 l.f. 12-in. VCP do;
(13) 11,100 l.f. piles, below cutoff;
(14) 600 l.f. borings;
(15) 400 l.f. 8-in. VCP side sewers.

Total bids follow:

(A) Union Paving Co.	$58,893.20
(B) MacDonald & Kahn	59,342.20
(C) Eaton & Smith	61,786.22
(D) M. J. Lynch	61,792.10
(E) Healy-Tibbitts Const. Co.	61,987.50
(F) C. C. W. and H. H. Haun	68,479.00
(G) Chas. L. Harney	70,950.64
(H) Clinton Const. Co.	75,638.50
(I) Peninsula Paving Co.	81,457.50

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 61.70	$ 48.15	$ 62.40	$ 55.00	$ 65.00	$ 60.00	$ 66.35	$ 64.00	$ 55.00
(2)	54.00	38.00	41.00	50.00	40.00	50.00	44.00	55.00	70.00
(3)	12.00	18.00	20.40	20.00	15.00	20.00	21.45	26.00	18.00
(4)	10.00	8.00	8.30	5.00	8.00	10.00	4.21	16.00	9.00
(5)	75.00	70.00	64.00	100.00	50.00	50.00	51.00	60.00	50.00
(6)	150.00	110.00	114.00	100.00	70.00	120.00	116.00	200.00	110.00
(7)	125.00	120.00	114.00	100.00	70.00	110.00	165.00	160.00	100.00
(8)	7.00	4.00	2.50	6.00	7.00	5.00	2.60	10.00	3.00
(9)	700.00	500.00	600.00	600.00	600.00	500.00	456.00	650.00	700.00
(10)	3.00	4.00	1.90	4.00	3.00	5.00	2.10	13.00	3.00
(11)	.80	.20	.64	.70	.50	1.00	1.50	.50	.50
(12)	2.50	.25	1.00	1.00	1.50	1.50	2.00	1.50	2.00
(13)	.35	1.07	.25	.60	.50	.80	.73	.50	.70
(14)	1.50	2.00	1.90	2.00	2.00	2.50	1.75	2.00	1.50
(15)	1.50	2.00	2.50	1.00	1.50	3.00	1.75	10.00	3.00

All bids referred to the City Engineer and the PWA.

BIDS OPENED

MERCED COUNTY, Cal. — Valley Paving & Constr. Co., P. O. Box 1349, Fresno, at $44,036.30 submitted low bid to the State Highway Commission, Sacramento, for about one mile grading and paving with asphalt concrete in the City of Merced, bet. southerly boundary and B Street.

The work involves:
(1) 100 M. gals. water;
(2) 2,550 c.y. rdwy. excav., unclass.;
(3) 2,750 c.y. selected material;
(4) 1,700 c.y. struc. excav.;
(5) 565 c.y. concrete removed and disposed of;
(6) 6,000 sq. yds. subgrade preparation;
(7) 5,300 tons asphalt concrete;
(8) 2,600 lbs. bar reinf. steel (structures);
(9) 32 c.y. Class A Portland cement concrete (structures);
(10) 122 l.f. 12-in. CMP;
(11) 2,464 l.f. 18-in. CMP;
(12) 122 l.f. 36-in. CMP;
(13) 309 l.f. existing culverts removed, cleaned and salvaged;
(14) 425 c.y. Class A Portland cement concrete (curbs, gutters and sidewalks);
(15) 24,000 sq. yds. asphaltic paint binder;
(16) 2 each steel covers Type A (curb inlets);
(17) 6 each steel covers Type B (do);
(18) 2 each steel grates, Type A;
(19) 6 each steel grates, Type B;
(20) 25 ea. cast steel frames and covers for drop inlets.

Total bids follow:
(A) Valley Paving & Constr. Co., $44,036.30.
(B) Union Paving Co., San Francisco, $45,.372.20.
(C) Stewart & Nuss, Inc., and John Jurkovich, Fresno, $48,179.
(D) Pacific States Constr. Co., San Francisco, $53,112.
(E) A. J. Raisch Co., San Jose, $54,-876.20.
(F) Hanrahan - Wilcox Corp., San Francisco, $55,887.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)..	$ 1.20	$1.00	$1.00	$2.50	$1.15	$ .60
(2)..	.52	.70	50	1.00	.75	.55
(3)..	.60	.50	1.00	1.30	1.00	1.00
(4)..	.85	.75	1.00	1.15	1.50	1.00
(5)..	2.00	3.50	2.00	3.00	3.50	3.50
(6)..	.11	.07	.10	.10	.20	.10
(7)..	4.40	4.80	5.00	5.45	5.00	5.75
(8)..	.06	.06	.05	.10	.05	.07
(9)..	21.00	17.00	20.00	22.00	20.00	25.00
(10)..	1.45	1.50	1.00	1.25	1.20	1.35
(11)..	1.85	1.80	2.00	1.65	2.20	2.00
(12)..	5.10	5.00	5.00	5.00	5.00	5.50
(13)..	1.20	.50	1.00	.60	1.00	.50
(14)..	15.00	13.00	15.00	14.50	20.00	18.00
(15)..	.015	.02	.02	.025	.025	.03
(16)..	22.50	25.00	15.00	20.00	40.00	50.00
(17)..	16.00	12.00	15.00	15.00	70.00	75.00
(18)..	7.00	5.00	20.00	5.00	10.00	10.00
(19)..	6.50	5.00	20.00	5.00	20.00	22.00
(20)..	36.00	3000	10.00	30.00	35.00	38.00

CONTRACT AWARDED

GRAYS HARBOR COUNTY, Wash. —Diesel Oil Sales Co., 2155 Northlake St., Seattle, at $33,926 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 28, for constructing a light bituminous surface treatment on about 17.4 miles of State Road No. 9, Hoquiam to Humptulips, in Grays Harbor County, and on about 13.3 miles of State Road No. 13, Cosmopolis to Pacific County Line, in Grays Harbor County, F.P.W. Project.

Total bids follow:
Diesel Oil Sales Co., Seattle $33,926
J. F. Forbes, Olympia 37,932
R. O. Dall and Warren Bros., Aberdeen 40,109
L. J. Dowell, Inc., Seattle 43,111
Babler Bros., Portland 49,443

CONTRACT AWARDED

WHITMAN COUNTY, Wash. — L. Coluccio & Co., 2019 3rd Ave., Seattle, at $88,491 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 28, for grading and surfacing with crushed stone about 5.4 miles of the Inland Empire Highway - Eastern Route, Garfield to Oakesdale Federal Public Works Project No. 7747, in Whitman County.

Total bids follow:
L. Coluccio & Co., Seattle ..... $ 88,491
Fred G. Redmon, Yakima 89,762
Max J. Kuney, Spokane 90,320
Triangle Constr. Co., Spokane 93,746
E. Hefty, Portland 96,130
Mathieson Constr. Co., Sunnyside 97,059
Clifton & Applegate, Spokane.. 98,532
L. Romano Engr. Corp., Seattle 116,973
Brent Sturgill, Inc., College Place 124,482

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal. —Peterson Bros., 239 W. Olive St., Inglewood, at $3896.18 awarded contract by the State Highway Commission, Sacramento, for planting trees, shrubs and ground cover along about 1.6 miles of highway in Santa Barbara County, between the west city limits of Santa Barbara and Hollister Avenue.

Rexroth & Rexroth, Bakersfield, at $4922.95 submitted the only other bid at the opening, May 21. *

BIDS WANTED

WHITE PINE AND NYE COUNTIES, Nevada—Until July 2, 2:00 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 462 Market St., San Francisco, for 18.381 miles of bituminous surface treatment (road mix) on Sections A and B of Route 12, the Midland Trail (Current Creek) National Forest Highway, Nevada National Forest, and on Section C of Federal Lands Highway Project No. 1 (Part of Midland Trail), Ely-Tonopah Highway, White Pine and Nye Counties.

The work involves:
(1) 1412 tons liquid asphaltic road material, Type SC-2;
(2) 87 tons liquid asphaltic road material, Type MC-2;
(3) 18.368 mi. mixing and rolling.

Plans and specifications obtainable from the above office upon deposit of $10. *

CONTRACT AWARDED

DOUGLAS COUNTY, Wash.—Lidral Constr. Co., 1006 Securities Bldg., Seattle, at $26,862 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, May 28, for grading, surfacing with crushed stone and constructing deflection cribs and channel widening and deepening on about 3.1 miles of State Road No. 2, Orondo-Pine Canyon, Federal Public Works, Project No. 7757, in Douglas County.

Total bids follow:
Lidral Constr. Co., Seattle $26,862
Clifton & Applegate, Spokane 27,815
Hallstrom & Hallstrom, Seattle 27,998
L. Coluccio, Seattle 32,411
N. A. Degerstrom, Spokane 33,047
Siems-Spokane Co., Spokane 34,206
Redmon-Turner Inc., Yakima 39,974
L. Romano Engr. Corp., Seattle 44,193

LOW BIDDER

TILLAMOOK COUNTY, Oregon—Babler Bros., 2407 N.W. 28th St., Portland, at $14,868 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, New Post Office Bldg., Portland, May 28, for the McMinnville - Tillamook bituminous surfacing treatment project FHEC 1-A3, B1, Siuslaw National Forest, Tillamook County.

BIDS WANTED

SHASTA COUNTY, Cal. — Until June 17, bids will be received by the Department of Public Works, Division of Highways, F. W. Haselwood, Dist. Engineer, Redding, for about 0.1 mile grading and surfacing with road-mix surfacing on crusher run base in Shasta County, in the City of Redding, between Court St. and California St.

Plans and specifications obtainable from the above office. *

SAN FRANCISCO—SLOAT BLVD. ALIGNMENT—(CITY)

SAN FRANCISCO—Chas. L. Harney, 443 Call Bldg., at $38,207.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,798, for changing the alignment of Sloat Blvd., between 39th and 42nd Avenues:

The work involves:
(1) 2,000 c.y. excavation;
(2) 7,500 c.y. embankment;
(3) 90,000 sq. ft. Class E asphalt-concrete pavement;
(4) 19,000 sq. ft. 8-in. Class E concrete pavement;
(5) 190 tons asphaltic conform pavement;
(6) 40,000 sq. ft. emulsified asphalt wearing surface;
(7) 1,400 c.y. macadam shoulders, 12 inches thick;
(8) 120 l.f. 12-in. vitrified clay pipe sewer;
(9) 45 l.f. 10-in. do;
(10) 2,300 l.f. redwood headers;
(11) 1,600 l.f. barbed wire fence, 6-ft. high, 7 strands;
(12) reconstructing lighting system, lump sum;
(13) moving 20-in. water main 1,200 ft. long, lump sum.

Total bids follow:
(A) Chas. L. Harney, $38,207.50.
(B) Fay Improvement Co., $41,860.90.
(C) Pacific States Constr. Co., $43,-375.
(D) A. G. Raisch Co., $44,897.50.
(E) Eaton & Smith, $45,313.
(F) Union Paving Co., $45,977.50.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.25	$ .92	$ .675	$ .90	$ .26	$ 1.00
(2)	.01	.37	.375	.40	.26	.32
(3)	.25	.272	.30	.29	.33	.30
(4)	.21	.224	.26	.25	.25	.23
(5)	6.00	4.05	5.00	5.00	4.10	5.00
(6)	.023	.019	.015	.03	.023	.02
(7)	1.05	1.25	1.05	1.80	1.80	2.20
(8)	1.70	2.20	1.80	3.00	1.80	2.00
(9)	1.00	1.38	1.10	150	.120	1.50
(10)	.31	.245	.25	.30	.10	.50
(11)	.24	.338	.37	.40	.35	.20
(12)	2946.50	1600.00	1500.00	1500.00	1800.00	1600.00
(13)	1320.00	2200.00	1320.00	1320.00	1320.00	2000.00

All bids referred to the City Engineer.

BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Council received the following bids for pavement repairs on Grand Avenue between Mission Road and Linden Ave.; on Linden Avenue between Armour Avenue and Railroad Avenue, and on Railroad Avenue between Linden Avenue and a point 500 feet westerly therfrom:

Bidders follow:

SCHEDULE NO. I

(a) 24,400 sq. ft. broken wearing surface to be removed;
(b) 16,150 sq. ft. broken base pavement to be removed;
(c) 290 tons asphalt concrete wearing surface 2-in. thick to be laid;
(d) 480 tons asph. concrete base pavement 5-in. thick to be laid;
(e) 10,000 sq. ft. corrugated area to be burned;
(f) 37 tons asphalt concrete wearing surface approx. 5-in. thick to be placed on burned areas.

(A) Union Paving Co., San Francisco.
(B) Chas. L. Harney, San Francisco.
(C) Fay Imp. Co., San Francisco.

Unit prices follow:

	(A)	(B)	(C)
(a)	$ .02	$ .035	$ .048
(b)	.045	.055	.092
(c)	5.50	6.00	5.70
(d)	5.50	6.50	4.95
(e)	.03	.04	.05
(f)	6.00	6.75	7.00

SCHEDULE NO. II

(a) 24,400 sq. ft. broken wearing surface to be removed;
(b) 16,150 sq. ft. broken base pavement to be removed;
(c) 265 tons natural rock asphalt concrete wearing surface 2-in. thick to be laid;
(d) 440 tons natural rock asphalt concrete base pavement. 5-in. thick to be laid;
(e) 10,000 sq. ft. corrugated area to be burned;
(f) 34 tons asphalt concrete wearing surface approx. 5-in. thick to be placed on burned areas.

(A) P. L. Burr, San Francisco.

Unit prices follow:

	(A)
(a)	$ .03
(b)	.065
(c)	6.00
(d)	6.00
(e)	.045
(f)	7.00

Bids were referred to City Engineer George A. Kneese for recommendation at council meeting June 10.

AWARD RECOMMENDED

ALAMEDA COUNTY, Cal.—The Alameda County Board of Supervisors has recommended to the PWA that contract for the completion of the approaches to the Park Street Bridge be awarded the low bidder, A. Soda & Son, 1077 65th St., Oakland, at $71,620.47.

Burnett, Hamilton, County Engineer.

CONTRACT AWARDED

SAN FRANCISCO — M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $8810.60 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,862 for widening the roadway of Van Ness Ave. South, between 21st and 24th Streets.

FUNDS ALLOTTED

OREGON, Washington, Montana.—W. H. Lynch, District Engineer, U. S. Bureau of Public Roads, 316 New Postoffice Building, Portland, has announced the forest highway programs for 1936, based on allocations of funds under the Hayden-Cartwright Act, as follows:

Oregon	$1,010,000
Washington	510,000
Montana	571,000

CONTRACT AWARDED

SAN FRANCISCO.—M. Bertolino, 32 Sholwell St., at $2,400 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,839 for the construction of sidewalks on Columbus Ave., Taylor St., Stockton St., and other streets, involving construction of 10,000 sq. ft. of one-course concrete sidewalk.

BIDS WANTED

CLARK COUNTY, Nevada. — Until June 27, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for placing bituminous treated surfacing (road mix) on 3.661 miles of Section A of Route 11, the Mt. Charleston National Forest Highway, Dixie National Forest, Clark Co.

The work involves:

(1) 1,500 c.y. unclass. excav.;
(2) 75 c.y. do for structures;
(3) 500 c.y. mi. hauling unclassified excavation;
(4) 235 l.f. 8-in. perforated CMP;
(5) 75 c.y. crushed rock or gravel for backfill;
(6) 6,500 c.y. crushed gravel for surface course;
(7) 50 cu. yds. stockpiling bituminous treated crushed gravel;
(8) 300 tons liquid asphaltic road material, type MC-2;
(9) 3.661 miles mixing and rolling.

Plans and specifications obtainable from the office upon deposit of $10.

BIDS WANTED

COCONINO COUNTY, Ariz. — Until June 25, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for placing a seal coat on 15.448 miles of Sections B and C of Route 4, the Ashfork - Flagstaff - Angell National Forest Highway, Kaibab National Forest, Coconino County.

The work involves:

(1) 180 tons applying asph. material;
(2) 1,500 c.y. screenings;
(3) 1,800 l.f. 8-in. perforated CMP;
(4) 500 c.y. structure excavation;
(5) 600 c.y. crushed rock or gravel for backfill.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market Street, San Francisco, upon deposit of $10.00.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 17, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the improvement of Mission Street and Pasadena Ave., in South Pasadena, from Fair Oaks Ave. to the west city boundary at Arroyo Verde Road, a total distance of 8,512 l.f. or 1.61 miles, under Cash Contract No. 474, designated at Unit 20 of F.P.W. Project 3123.

Plans and specifications obtainable from George W. Jones, County Road Commissioner, 11th floor, Hall of Records, upon deposit of $10 per set.

Mame B. Beatty, clerk of the board.

CONTRACT AWARDED

SAN FRANCISCO—Chas. L. Harney, 443 Call Bldg., San Francisco, at $20,936.13 awarded contract by the State Highway Commission, Sacramento, for about 0.1 mile pavement widening and paving with Portland cement concrete and asphalt concrete in the City of San Francisco on Fifth Street between Harrison and Bryant Streets.

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, but to be opened in Sacramento on June 19, and in Los Angeles on June 20, 1935.

XI-Riv-SBd-146-CDE&A, bet. 6 mi. north of Blythe and Vidal. Bids to be opened June 20 (PLANS) No. of sheets 2, no charge; (CROSS-SECTIONS) No. of sheets, none.

X-Sta-41-B, bet. 0.8 mile north of Newman and 0.2 mile south of Crows Landing. Bids to be opened June 19. (PLANS) No. of sheets, 18; cost, $1.80 (CROSS SECTIONS) No. of sheets, 166; cost, $16.60; total, $18.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS OPENED

SAN FRANCISCO.—Plombo Bros. & Co., 1571 Turk St., at $123,880 submitted low bid to the Public Utilities Commission, City Hall, under Airport Contract No. 34, for the construction of field fill for extension of landing field at the San Francisco Airport.

Bids were taken as follows:

(1) 240,000 c.y. fill;
(2) 50,000 c.y. rock surfacing;
(3) 20,000 c.y. removal of old levee.

Total bids follow:

(A) Plombo Bros. & Co.	$123,880
(B) Bayshore Const. Co.	124,600
(C) Peninsula Paving Co.	139,200
(D) MacDonald & Kahn Co.	169,100
(E) Healy-Tibbitts Const. Co.	171,100

Unit bids follow:

	(1)	(2)	(3)
(A)	$0.487	$0.08	$0.15
(B)	.49	.10	.10
(C)	.445	.60	.12
(D)	.64	.25	.15
(E)	.68375	.10	.10

Bids held under advisement.

30—RESERVOIRS & DAMS

BIDS WANTED

BONNEVILLE DAM, Oregon—Until June 25 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694-35-29, for furnishing, erecting in place at the site, and putting in an operating condition seven steel intake gates for the powerhouse, nine sections of steel draft tube stop-logs, nineteen steel gates for the spillway dam, one 130-ton gantry crane for the powerhouse intake, one 30-ton gantyr crane for the powerhouse draft tubes, two 350-ton gantry cranes for the spillway dam, lifting beams for use with the cranes and accessories, for the Bonneville Dam.

Transportation costs via all rail of all machinery, equipment and all fabricated materials, to be made a part of the completed units, shipped on Government bills of lading from contractor's shipping points to either Bonneville, Oregon, or North Bonneville, Wash., as the case may be, will be paid for by the Government. The contractor must load and unload material from cars.

Bids will be taken as follows:

SCHEDULE I

Gantry Cranes for Powerhouse

(1) 1 each furnishing and erecting 30-ton draft tube gantry crane:

(2) 1 each furnishing and erecting 130-ton intake gantry crane:

Lifting Beams for Powerhouse Cranes

(3) 27,000 lbs. structural carbon steel
(4) 2,000 lbs. carbon steel castings;
(5) 3,000 lbs. nickel steel castings;
(6) 2,500 lbs. machine steel;

SCHEDULE II

Seven Steel Intake Gates for Powerhouse

(7) 450,000 lbs. struc. carbon steel;
(8) 380,000 lbs. struc. silicion steel;
(9) 35,000 lbs. carbon steel castings on gates;
(10) 21,000 lbs. carbon steel castings for dogs on intake piers;
(11) 2,100 lbs. nickel steel castings;
(12) 1,000 lbs. iron castings;
(13) 40,000 lbs. chrome nickel steel for axles;
(14) 65,000 lbs. rolled carbon steel wheels;
(15) 500 lbs. bronze;
(16) 92 wheel assembly roller bearings (160,000 lbs. capacity);
(17) 5,500 lbs. rubber seals;

Nine Steel Draft Tube Stop-Log Sections for Powerhouse

(18) 150,000 lbs. struc. carbon steel;
(19) 220,000 lbs. struc. silicion steel;
(20) 8,000 lbs. carbon steel castings;
(21) 2,700 lbs nickel steel castings;
(22) 2,800 lbs. Tobin bronze bolts;
(23) 1,600 lbs. rubber seals;

SCHEDULE III

Gantry Cranes for Spillway Dam

(24) 2 each furnishing and erecting all mechanical and electrical apparatus for 350-ton gantry cranes, not including structural steel for bridge frames;
(25) 450,000 lbs. structural carbon steel for two 350-ton gantry cranes;

Nineteen Steel Gates for Spillway Dam

(26) 3,500,000 lbs. structural carbon steel;
(27) 4,875,000 lbs. structural silicion steel;
(28) 200,000 lbs. carbon steel castings;
(29) 390,000 lbs. nickel do;
(30) 515,000 lbs. rolled carbon steel wheels;
(31) 75,000 lbs. rolled nickel steel;
(32) 118,000 lbs. chrome nickel steel;
(33) 33,000 lbs. machine steel;
(34) 20,000 lbs. iron castings;
(35) 27,000 lbs. bolt steel, nickel;
(36) 2,000 lbs. cold rolled steel;
(37) 3,150 lbs. pipe, galv. wrought iron
(38) 44,000 lbs. phosphor bronze;
(39) 1,700 lbs. Tobin bronze, except bolts and screws;
(40) 5,200 lbs. Tobin bronze bolts and screws;
(41) 512 wheel assembly roller bearings (210,000 lbs. capacity);
(42) 2,000 ft. BM 6x8-in. white oak;
(43) 1,024 each bearing seals;
(44) 23,000 lbs. rubber seals and cushions;
(45) 36 sets Thrustors 600 pound capacity, 6-in. stroke with wiring to and including fixed collector bars.

Plans and specifications obtainable from the U. S. Engineer Office, Second District, 627 Pittock Block, Portland, or from the U. S. Engineer Office, 401 Customhouse, San Francisco upon deposit of $5 in the form of a U. S. money order or a certified check payable to "The Disbursing Officer, U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Oregon."

TO REJECT BIDS

EUREKA, Humboldt Co., Cal.—Federal Public Works Administration has recommended bids be rejected for construction of pipeline unit and reservoir unit of Eureka Municipal Water Supply System, and has approved award of contract to T. E. Connolly and Hanrahan Co., 461 Market St., San Francisco, for constructing headworks unit.

PWA recommends pipeline and reservoir work to readvertise after foundation for Mad River Dam has been explored. City Council has rejected bids for reservoir and awarded headworks contract but is holding pipeline bids temporarily.

C. C. Kennedy, Call Bldg., San Francisco, is consulting engineer. E. D. Gardner, city engineer.

PREPARING PLANS

SPOKANE, Wash.—City Water Superintendent Alex Lindsay is preparing plans for the reconstruction of the diversion dam on Spokane River, and construction of a hydro-electric power plant. Estimated cost, $687,500.

The work will include replacing the timber crib dam with an 8-gate concrete spillway dam, 59 ft. high from bottom of cutoff to top of bridge, and 28 ft. high from bottom of cutoff to crest; gates 17-ft. x 26-ft.; taintor individual hoists; and replacing the present hydro pumping plant with a 5400 hp. hydro electric plant to drive present centrifugal pumps. The power house is to be of sufficient size to house three 1800 hp. adjustable blade propeller type turbines and three 1625 KVA 2300 volt alternators; no transformers.

The approximate quantities involved are:

Power House and Intake

(1) 15,000 cu. yds. earth excavation;
(2) 5700 cu. yds. reinforced concrete;
(3) 4000 sq. ft. sheet piping;
(4) Superstructure, $14,000;
(5) Equipment as mentioned above;
(6) 3 head gates, vertical lift type;
(7) 100,000 lbs. of trash racks.

Dam

(1) 13,250 cu. yds. reinf. concrete;
(2) 1650 cu. ydsfl excavation;
(3) Removing 1600 cu. yds. ashlar masonry;
(4) 320,000 lbs. taintor gates;
(5) 5000 sq. ft. sheet piling;
(6) 1000 sq. yd. water proofing of masonry wall.

Work will be financed by a $500,000 bond issue and a 30% direct PWA grant.

FUNDS ALLOTTED

FORT PECK, Mont. — The Federal Public Works Administration has allotted an additional $15,000,000 for the construction of a reservoir at Fort Peck dam. The reservoir is necessary for regulation of the flow of the Missouri River and will provide for 8- to 9-ft. navigation on the river below Sioux City. Floods will be reduced and navigation will be made possible.

Allotments totaling $50,000,000 have been made previously and the project will require $16,000,000 more for completion.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of the Hall Beekley debris basin and appurtenant structures, located near Montrose.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until June 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a debris basin and appurtenant structures in Pickens Canyon, near Montrose.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty, clerk of the board. Certified check or bond for 10% must accompany each bid.

31 — PIPE LINES & WELLS

ELECTION

TULARE COUNTY, Cal.—Board of Supervisors has set July 10 as the date of a second election on a proposal to form a municipal gas utility district embracing the cities of Tulare, Corcoran and Lindsay.

A previous election held May 10, including the city of Porterville in the formation, failed to carry by a small margin. The issue was favored in Lindsay and Tulare, lost by three votes in Corcoran and by a vote of 292 to 546 in Porterville.

Preliminary estimates of construction cost, as prepared by H. L. Hinkel of Los Angeles, follow:

CORCORAN: $32,025 for seven miles of the general system, one-half mile of four- inch mains, six and a half miles of two-inch mains, 400 services, 400 meters and regulators and a 5% contingency fund.

LINDSAY: $96,140, for 18 miles of the general system, one mile of six-inch mains, four miles of four-inch mains ,thirteen miles of 2-inch mains, 1200 services, 1200 meters and regulators, and 5% contingency fund.

TULARE: $132,680, for twenty-nine miles of the general system, one mile of six-inch mains, four miles of four-inch, twenty-four miles of two-inch, 1400 services, 1400 meters and regulators and 7% contingency fund.

Chas. F. Burr, Mayor of Lindsay.

BIDS OPENED

SAN MATEO COUNTY, Cal.—M. J. Lynch, Barnevald and Oakdale Aves., San Francisco, at $2170 submitted the only bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 78, for relocating a portion of the Alameda Pipe Line on El Camino Real in the City of San Mateo.

Unit bids follow:

(1) Removing 150 lin. ft. pipe from Neward-San Lorenzo Pipe Line and relaying, $7.00.
(2) 200 cu. yds. excavation, $2.20.
(3) 425 cu. fs. removing existing concrete work, $.20.
(4) 2 cu. yds. concrete work, $.30.
(5) 100 lbs. reinforcing steel, $.05.
(6) 140 lin. ft. removing abandoned portion of existing line, $1.00.
(7) 60 hours, furnishing welders, $2.25
(8) Deliver and remove 4 welding machines, $25.00.
chines, $2.50.
(9) 40 hours, operating welding ma-

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

LOS ANGELES, Cal.—Until June 19 10 A. M., bids will be received by the Los Angeles Board of Public Works City Hall, for furnishing and installing a pumping plant, pumps and piping and sludge piping system for the Terminal Island Sewage Treatment Plant, Terminal Island, San Pedro (cash contract) PWA Project No. 563; Unit No. 3-B. Plans and specifications may be obtained from the Engineering Dept., Room 656, City Hall.

CONTRACT AWARDED

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $81,370 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,836 for con-

struction of sewers and appurtenances in Sixth St., Section M, from Townsend St. to Channel St.

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., San Francisco, at $1,765.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,778, for construction of sewers and appurtenances in Bradford Street, between Cortland Ave. and a point 160 feet northerly from the northerly line of Jarboe St.

BIDS OPENED

SEATTLE, Wash.—L. Colucciо and Co., 2091 3rd Ave., Seattle, at $244, bidding on concrete sewer, centrifugal cast pipe on all alternates, and a wood siphon, submitted low bid to Seattle Board of Public Works, June 3, for the construction of the Ballard Trunk Sewer.

The other bids were:

General Const. Co., Seattle, $247,409 bidding on concrete sewer, vertical cast pipe on all alternates, and a steel siphon.

Scalzo, Arcorace and Co., Seattle, $249,960, bidding on concrete sewer, vertical cast pipe on 36- 42- and 48-in. alternates, monolithic pipe on 72-in. alternate, and a steel siphon.

L. Romano Engr. Corp., Seattle, $265,620, bidding on concrete sewer, centrifugal cast pipe on 36- 42- and 48-in. alternates, monolithic on 72-in., and a steel siphon.

University Plumbing and Heating Co., Seattle, $268,406, bidding on concrete sewer, centrifugal cast pipe on all alternates, and a wood stave siphon.

Engineer's estimate, $229,546.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until June 17, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, Room 6, City Hall, for the construction of the municipal sewage disposal plant and treatment works to serve San Mateo and the south portion of Hillsborough. Estimated cost, $143,000.

Bids will be taken as follows:

OUTFALL SEWER SYSTEM

(1) 124 l.f. 12-in. vitrified clay pipe;
(2) 1,158 l.f. 21-in. do;
(3) 6,980 l.f. 24-in. do;
(4) 2,753 l.f. 27-in. do;
(5) 776 l.f. 36-in. do;
(6) 2,726 l.f. 20-in. cast iron pipe;
(7) 680 l.f. 24-in. wood stave pipe;
(7-Alt.) 2726 ft. 20-in. do;

PUMPING PLANT

(8) lump sum bid, pump house and screen chamber. Equipment consists of automatic fire screen, sewage pumps and motors, pipe, valves, fittings, control apparatus, etc., and all incidental work;

TREATMENT WORKS

(9) Lump sum bid, control house, clarifier, gate well struc., sludge well, water treatment plant, meter boxes, sludge digestion tank roadway (1500 ft. long, 20-ft. wide), landscaping, fencing; clarifier equipment, pumps, motors, heating coils, valves, etc.; and sludge drying beds.

Plans and specifications obtainable at the office of E. P. Wilsey, city manager and city engineer, upon deposit of $20.

The project will be financed by an $85,000 bond issue, a $38,000 PWA grant, and $22,000 contributed by the City of Hillsborough. *

BIDS WANTED

LOS ANGELES, Cal.—Until June 10, 2 P. M., bids will be received by the Los Angeles county board of supervisors, 501 Hall of Records, Los Angeles, for constructing a concrete conduit on Verdugo Wash, between Del Valle Ave. and the existing conduit 800 ft. above Montana Street, involving:

(1) 34,000 c.y. excavation;
(2) 14,000 c.y. backfill;
(3) 20,000 c.y. fill;
(4) 8950 c.y. reinforced concrete;
(5) 10,000 lbs. placing miscellaneous metal ware;
(6) 660 l.f. drilling dowel holes;
(7) 12,800 l.f. placing fence;
(8) 100 l.f. tile drains.

Certified or cashier's check for 10% must accompany each bid. Mame B. Beatty, clerk of the board. Plans and specifications may be obtained from C. H. Howell, Chief Engineer of the Los Angeles County Flood Control District, 207 S. Broadway, Los Angeles, upon payment of $2.50 per set, not returnable.

BIDS WANTED

LOS ANGELES, Cal.—Until June 10, 2 P. M., bids will be received by the Los Angeles county board of supervisors, 501 Hall of Records, Los Angeles, for constructing a concrete-lined channel on Verdugo Wash from the debris dam, approximately 1700 feet southerly, involving:

6,000 c.y. fill;
4,800 c.y. compacted fill;
2,375 c.y. reinf. concrete (645 c.y. of which may be pneumatically placed);
154,000 lbs. placing reinf. steel;
150 c.y. crushed rock drains;
1,425 l.f. placing tile drains;
100 l.f. drilling dowel holes;
100 lbs. placing misc. metal.

Certified or cashier's check for 10% must accompany each bid. Mame B. Beatty, clerk of the board. Plans and specifications may be obtained from C. H. Howell, Chief Engineer of the Los Angeles County Flood Control District, 207 S. Broadway, Los Angeles, upon payment of $2.50 per set, not returnable.

BIDS OPENED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., at $1765.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,778 for construction of sewers and appurtenances in Bradford Street, between Cortland Ave. and a point 160 feet northerly from the northerly line of Jarboe Street.

The work involves:

(1) 410 lin. ft. 8-in. vitrified clay pipe sewer;
(2) 28 each "Y" branches on V.C.P. sewer;
(3) 2 each brick manholes.

Total bids follow:

(A) Eaton & Smith, $1765.50.
(B) M. Bertolino, $1979.50.
(C) Chas. L. Harney, $2428.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 3.75	$ 3.75	$ 5.00
(2)	1.00	4.00	1.00
(3)	100.00	110.00	175.00

All bids referred to the City Engineer. *

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until June 19, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,844 for installing Section "A" of the Park-Presidio District Extension to Auxiliary Water Supply System for Fire PrPotection. Estimated cost, $75,000.

The work will be located on the following streets:

Twelfth Ave. Cabrillo to California.
California St.: 12th Ave. to Arguello.
Arguello Blvd.: California to Sacramento St.
Sacramento St.: Arguello Blvd. to Lyon St.
Lyon St.: Sacramento to Pacific St.
Pacific St.: Lyon to Divisadero St.

Bids will be taken as follows:

Cast Iron Pipe and Special Castings in Place:

(1) 30 l.f. 14-in. Class E bell and spigot, lugged;
(2) 1157 l.f. 12-in. Class G bell and spigot, plain;
(3) 120 l.f. 12-in. Class G bell and spigot, lugged;
(4) 8016 l.f. 12-in. Class F bell and spigot, plain;
(5) 576 l.f. 12-in. Class F bell and spigot, lugged;
(6) 3865 l.f. 12-in. Class E bell and spigot, plain;
(7) 240 l.f. 12-in. Class E bell and spigot, lugged;
(8) 425 l.f. 8-in. Class G bell and spigot, lugged;
(9) 1 12-in. gate valve, in place;
(10) 23 10-in. do;
(11) 32 8-in. do;
(12) 32 stand. h.p. hydrants, in place;

Note: Items 1to 12, inclusive, Cast Iron Pipe, Valves, Hydrants, and Special Castings, will be furnished by the city.

(13) 70,000 lbs. pig lead, furnished and delivered;
(14) 8,0000 lbs. cast steel special castings, furnished and delivered;
(15) 80,000 lbs. cast iron special castings, furnished and delivered;
(16) 23,300 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
(17) 25,500 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(18) 85 lbs. reinforcing steel, furnished and placed;
(19) 22 c.y. Class B concrete in place;
(20) 8070 c.y. excavation and backfill;
(21) 38,400 sq. ft. asphalt-concrete pavement (2-in.-6-in.) Class F concrete;
(22) 620 sq. ft. concrete pavement (6-in.) Class E concrete;
(23) 520 sq. ft. concrete sidewalk (one course);
(24) 20 c.y. crushed rock, furnished & placed;
(25) 40 tons bell and spigot pipe or double spigot pipe, without lugs, in Classes C to H, inc., and in nominal dia. of 8- to 18-in. inc.;
(26) 4 tons bell and spigot pipe or double spigot pipe, with bolting lugs, in classes C to H inc., and in nominal dia. of 8- to 18-n. inclusive;
(27) 250 sq. ft. asphalt-conc. wearing surface, 2-in. thick.

Note: Items 13 to 27, inclusive: all material, including Pipe, shall be furnished by the Contractor.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00. *

---

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

OAKLAND, Cal. — Pacific Coast Fence Co., 1033 5th Ave., Oakland, at $2847.15 awarded contract by City of Oakland Port Commission for furnishing fence materials and gates for Outer Harbor and Ninth Avenue Terminal, Oakland.

Section 4359, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Prepare $22,000,000 Western Highway Program

Board Seeks $540,000 for S. F. Schools

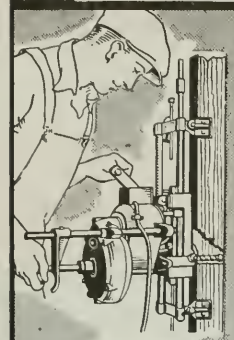
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

NE 15, 1935

Vol. XVIII—No. 24

WAPPAT Electric TOOLS



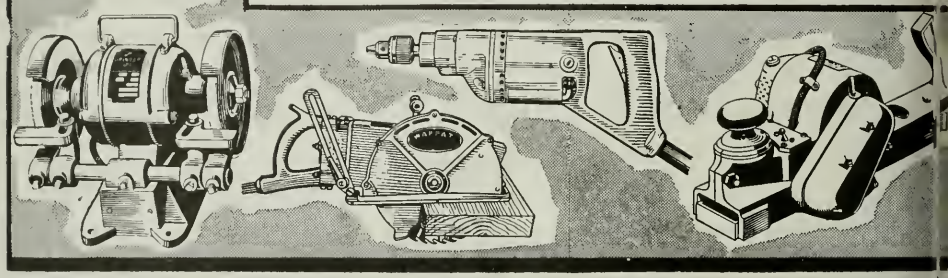
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., JUNE 15, 1935 No. 24

PENIN. PAVING, TEICHERT LOW ON STATE JOBS

Teichert Bids $94,297 For Surfacing, Peninsula $88,683 on Bridges

SACRAMENTO, June 12.—Bids on two contracts for work in Monterey and Madera Counties were opened here today by the State Highway Commission.

A. Teichert & Son, Sacramento, at $94,297, submitted the lowest of three proposals for about 7.8 miles plant-mixed surfacing in Madera County between Coarse Gold and Oakhurst. The other bidders were Union Paving Co., San Francisco, $118,947; and Central States Const. Co., Oakland, $157,482.

Low bid for construction of two timber bridges in Monterey County approximately 40 miles north of San Simeon was submitted by Peninsula Paving Co. of San Francisco, at $88,683.

Total bids on the Monterey County bridges were:

Peninsula Paving Co., S. F.	$88,683
E. T. Lesure, Oakland	92,043
M. B. McGowan, Inc., S. F.	92,2[illegible]
A. H. Vogt Co., Inc., S. F.	92,870
Rocca & Co., San Rafael	93,558
F. C. Amoroso & Sons, S. F.	94,98[illegible]
R. R. Bishop, Long Beach	95,173
Harry J. Oser, S. F.	97,427

E. T. Lesure, second low bidder, last week submitted a low proposal of $92,728 to the commission for construction of two similar timber bridges in the same locality.

SERA BUILDS BRANCH LIBRARY IN OAKLAND

Construction of the Glenview branch library on Wellington Ave., Oakland, being built by SERA labor is nearing completion, according to Chas. F. B. Roeth, relief administration director for Alameda county.

The one-story frame and stucco building, which is now approximately 90 percent complete, has provided employment for 22 men for a period of 480 working hours at a cost of $17,144. The project has been under the direction of H. L. Jones.

FRESNO HALL BIDS JULY 11

Bids for construction of the $375,000 Fresno municipal auditorium will be opened July 11, the contract having been authorized for advertising last week following approval by PWA of revised plans.

The principal change in plans since the project was first advertised is elimination of two wings which were to have concained a concert hall and exhibition rooms.

Original bids received for the work were rejected because they exceeded the funds available. Low bidders at that time were: general work, Dinwiddie Construction Co., $442,900; electrical work, Wessell Electric Co., $209,960; and mechanical work, Scott Co., $88,375.

State PWA Office Advised of Loan Interest Change

The San Francisco office of the Federal Public Works Administration has been notified that interest on loans from the Federal government under the $4,000,000,000 works program will be at the old four per cent rate, Clifton E. Hickock, Assistant State PWA Engineer, said yesterday.

It had been announced previously that the interest rate would be three percent. Administrator Harold L. Ickes said the restoration of the four percent rate was recommended by the Advisory Committee on Allotments with the intention of attracting private capital to finance expenditures not donated outright by the Federal government, Washington dispatches state.

Authority to accept applications for 45 percent grants from communities and other agencies desiring to sell their securities on the open market has been received here, Mr. Hickock said. Special forms have been provided for this type of applications as distinct from those requesting both loan and grant.

BIDS ASKED ON GRADING PROJECT IN SAN MATEO

Highway Commission Sets Dates For Proposals On Two Contracts

SACRAMENTO, June 11.—Bids on two highway projects involving grading, surfacing, paving and bridge widening were asked today by the State Highway Commission. The projects are located as follows:

San Mateo County: Grading, surfacig with crusher run base, and applying bituminous surface treatment on 3.6 miles between Edgemar and Thornton. Bids open in Sacramento July 3. The work involves, among others, major items of approximately 250,000 cu. yds. unclassified roadway excavation; 1-150,000 station yards overhaul; 10,500 tons crusher run base; 2,150 tons screenings; 28,000 feet of redwood timber; 6,922 feet of corrugated metal pipe, and 1,230 feet of perforated metal pipe underdrains.

Los Angeles and Ventura Counties: Grading and paving with Portland cement concrete about 5.6 miles and widening two bridges between Little Sycamore Canyon and Encinal Canyon. Bids will be opened July 11 in Los Angeles by the State Highway Engineer. The work will require approximately 258,500 cubic yards unclassified roadway excavaton; 835,000 station yards overhaul; 5,200,000 gallons water; 55,000 square yards blending subgrade; 50,500 square yards preparing subgrade; 10,100 cubic yards of Class A Portland cement concrete pavement; 1,075 cubic yards Class A cement concrete in bridges and structures; 139,000 pounds bar reinforcing steel, and other items

REDWOOD MILLS PRODUCTION OFF

California Redwood Association mills reported production for the week ended June 1 as 6,212,000 ft. shipments 5,944,000 ft.; new business 7,359,000 ft.; week-end orders on had 49,229,000 ft. Fifteen identical mills reported production six percent less and new business 12 percent less than for the same week last year.

S. F. District Engineer Starts Program For Work-Relief Highway Projects in Three States; $22,000,000 Allotted

Under instructions from Thomas H. MacDonald, chief of the Bureau, the San Francisco district office of the U. S. Bureau of Public Roads is working with state highway departments of California, Nevada and Arizona on preliminary programs of highway construction and grade crossing structures to be financed with funds already allotted from the work-relief appropriation. These three states have been apportioned $12,560,843 for highways, roads and streets and $9,629,721 for grade separation structures from the initial allotment of $400,000,000 for this type of work. The program in each state will be supervised by C. H. Sweetser, district engineer in San Francisco.

Pending definite and detailed instructions for expenditure of this allotment, Chief MacDonald has advised his district engineers to prepare partial programs for each state in cooperation with state engineers. Preference will be accorded projects using 90 percent labor from relief rolls and for those using a minimum of $1400 total expenditure per man per year. An estimate of the number to be employed and the cost and character of materials will be required for each project.

Not less than 25 percent of apportionment is to be expended for secondary projects, which are to be located off state or Federal highway systems, except where state mileage includes all principal county roads.

The terms so far determined indicate on highway projects the necessity for doing first-stage construction from work-relief funds in order to meet requirements for a high percentage of direct labor and for surfacing with regular Federal aid appropriations, engineers pointed out.

In accordance with the policy of locating work where the need for relief is greatest the San Francisco office of the Bureau has been supplied with a tabulation showing relief cases by counties. This tabulation shows 261,140 relief cases in California, with the distribution among the four most populated counties as follows: Los Angeles, 117,505; San Francisco, 34,438; Alameda, 18,808; San Diego, 11,800. The total in Nevada is 5260 and in Arizona 22,056.

A memorandum from Mr. MacDonald giving advance information relative to the grade crossing program with work-relief funds has been received by the San Francisco office. The text of this memorandum is given below for the guidance of local engineers who are preparing projects to include in the state program:

(1) Projects may be selected without limitation as to location except that not less than 25 per cent of a State's apportionment shall be applied to crossings with secondary or feeder roads which roads, for the purpose of the grade crossing regulations, will be defined as including roads outside of municipalities or streets within municipalities which are not included in the approved system of Federal-aid highways or extensions thereof. This definition for all practical purposes means that there will be no limitations regarding location of grade crossing projects so that (except as hereinafter indicated) they may be selected entirely with respect to relative traffic hazards and the possibility of providing employment in areas where relatively large unemployment exists.

(2). In order to secure a reasonably equitable distribution of benefits to the various railroads operating in the State grade crossing projects shall be apportioned within practical limits to the several railroads in such manner that the total cost of the project or projects for the elimination of grade crossing hazards on any individually operated railroad will have approximately the same relation to the total apportionment to the State as the mileage of that roalroad owned or operated bears to the total mileage of railroads owned or operated in the State.

The mileage of high speed electric lines may be considered by the State in programming projects, in which event such total mileage shall be reported by a State in submitting the first increment of its program. Nothing in this method of distribution shall operate to prevent the elimination of hazards at main line crossings of individual railroad which may have only a relatively small mileage in the State.

(3). The funds apportioned for this program shall be available to pay the entire cost of projects of the following character exclusive of any charges for rights of way and/or property damage.

(a). The separation of grades at crossings.
(b). The protection of grade crossings.
(c). The reconstruction of existing railroad grade crossing structures.
(d). The relocation of highways to eliminate grade crossings.

(4). Regulations will require that 90 percent of the persons employed on any project shall be obtained from relief rolls and all projects will be measured for approval on a basis of $1,400 total expenditure for labor, materials and incidentals per man per year, or on a basis of 40 percent of the total cost, including cost of property to go to the labor directly employed on the project.

(5). There must be submitted with all programs, information giving estimated number of men to be employed (man hours) and estimated cost, quantity and character of materials required for each project

CONCRETE PLANT AT GRAND COULEE TO COST $3,000,000

Contractor Completes Plans For Conveyor System To Handle Aggregates

Gravel - washing and screening, concrete mixing and distributing equipment representing an investment of nearly $3,000,000 will be installed at Grand Coulee Dam by Mason-Walsh-Atkinson-Kier to handle concrete work.

Plans outlined by the company engineering department call for such items as three 6000-gallon per minute pumps, two 2300-gallon per minute pumps, more than three miles of conveyor, a 16-inch pipe line 3000 feet long, a screening and washing plant five stories high, and 40x78 ft. in size, a 66x36-ft. crusher building, a 4,500,000 cu. yd. waste pile, two big shovels, a water cleaning system composed of two huge tanks 125 feet in diameter, and giant storage piles.

The following method for preparing gravel and sand for the manufacture of concrete will be used: Two pendulum conveyors, exactly the reverse of the present excavation stacker, swinging in a semi-circle, with a diameter of 460 feet and loaded by one shovel each working against a 40-f.t high bank will pick up the aggregate in the Brett pit, high above Mason City.

The pendulum conveyors will carry the material to the main conveyor. The center of the Brett pit 2300 by 900 feet in area, is about 8250 feet from the center of the dam.

The main conveyor, 60 in. wide, with a capacity of 2500 tons per hour, will dump the gravel over the edge of the hillside into a natural chute and create a pile. A 60-inch conveyor will pick up the material from the bottom of this pile and transport it to the primary screening and crushing plant, where the larger rocks will be crushed.

From there the material will be taken by a 48-inch conveyor to a balancing pile, from which it will be drawn out at a uniform rate without dependence on the uniformity of the excavation operations.

From the bottom of this 5000-ton balancing pile, two conveyors will take the material to the top story of the washing and screening plant where it will be washed and segregated into four sizes of gravel and three of sand. Each size will be stored in its own stock pile. About 4,400,000 cubic yards of aggregate will be washed and screened.

540,000 FOR CITY SCHOOLS ASKED BY BOARD

ducation Department Has Funds To Supplement PWA Grant

The San Francisco Board of Edution has requested Mayor Rossi file application with the Federal blic Works Administration for grant to aid in financing school nstruction to cost $540,000. The ard desires a grant of $243 000, 45 percent of the total cost, for work, which it believes may be mpleted prior to Oct. 1, 1936.

Projects contemplated under the ool department program include machine shop at George Washgton High School to cost $250,-0; a similar building to cost 75,000 at Marina Junior High hool; construction of eight addinal classrooms at Aptos Junior gh School at a cost of $80,000; d a $30,000 auditorium at Daniel bster Elementary School.

The balance of the cost of the ildings not provided by the Fedal government, $297,000, would be luded in the school department's 35-1936 budget. In its letter to ayor Rossi the board suggests t prompt application to the P W be made, together with a request r an early decision by the govment, as the final budget fo next fiscal year must be pub hed not later than July 20.

ILL VALLEY SEEKS $50,000 CITY HALL

Plans for construction of a $50,-0) city hall at Mill Valley if Fedals funds are available to aid in fancing the work was revealed t week when the city council anonted a committee to investigate possibility of obtaining a grant the project from the Public orks Administration.

Mayor H. Walter Johnson, Ern Little, chairman of the city hall nmittee, and City Attorney H Symonds were appointed to seek deral aid for the project.

Property adjacent to the building ich now houses the city departnts has been purchased, and it possible that the new building uld be extended over both pronies. The city's share of the cost uld be raised by a bond issue.

OUNTY BUILDING INSPECTORS NAMED

Alameda County Board of Supervors has approved appointment Abbot A Hanks, Inc., as testing gineers for cement, aggregates, ign of mixers and concrete cyder compression tests for the meda county court and office ilding Hersey Inspection Buau has been appointed to inspect d test reinforcing steel.

KERN ADOPTS PWA PROGRAM

Kern county voters will pass on a bond issue of $450,000 at an election July 30 recommended by a citizens' committee to provide for seven county institutional buildings. If the bonds are approved application will be filed with PWA for a grant to bring the total available for new buildings to $665,000. Projects to be included are: Central Library, $250,000; County Hospital Addn. $250,000; Detention Home $30,000; Taft Natatorium, $35,-000; Taft Library, $20,000; Taft Hospital, $40,000; Delano Hospital, $40,000.

Health Director Recommends City Hospital Building

Construction of hospitals to cost $1,868,000 has been recommended by Dr. J. C. Geiger, director of the San Francisco Health Department for inclusion in any work-relief or PWA program approved by federal officials. Listed as most important in the Health Department program for future construction are a $500,-000 infirmary at Laguna Honda Home, a $325,000 convalescent unit at San Francisco general hospital, and a maternity hospital to care for maternity cases now handled in general hospital wards.

Also included in the program are emergency hospitals in the Bayview, Park-Presidio and Chinatown districts.

MONTANA ENGINEER STAFF IS CHANGED

Col. D. A. McKinnon, acting Montana state director for PWA until June 1, has succeeded R. D. Rader as chief engineer for the Montana State Highway Commission Mr. Rader, who has held his for eight years, has been appointed bridge engineer to expedite construction of grade separation structures.

Col. McKinnon has recommended his former assistant, V. H. Walsh, to succeed him as PWA director for Montana.

PWA MOVES OFFICES TO HEWES BUILDING

San Francisco offices of the Federal Public Works Administration are now located at Rm 1210, Hewes Building, 995 Market Street, Acting State Director A. D Wilder has announced. The new telephone number is SUtter 1263.

Transfer of the offices from the State Building, where they have been located since headquarters were established here, was effected Saturday.

DAY'S BUILDING PERMITS IN S. F. TOTAL $77,000

Residential Work Applications Keep City's Bureau Busy

Building permits for work to cost $77,000 were issued Tuesday by the Central Permit Bureau of the San Francisco Department of Public Works, according to S J. Rosenblum, head clerk.

The Salvation Army received the largest single permit of the day, for alterations to their headquarters at 115 Valencia Street. Cost of the work is set at $15,000. Lindgren and Swinerton are general contractors for the work, for which plans were prepared by Architect Douglas Lacre Stone.

Permits totaling $12,000 for three frame residences to be located on Dewey boulevard near Pacheco St. were issued to R. F. Galli. The houses will cost $4,000 each.

D. Costantino received a permit to erect a 2-story frame flat building on Lombard street near Broderick at a cost of $10,000. Plans were prepared by C. M. Baker.

Mr. and Mrs. Frank H. Bartholomew received a permit for a two-story frame residence to cost $8,-900. The dwelling will be erected at the southeast corner of Saint Germain and Glenbrook avenues, Clarendon Heights, by Frank F. Nelson, Inc. Architects Masten & Hurd prepared the plans.

Other permits issued Tuesday included several frame residences, alterations to warehouses, flats and dwellings, and a number of electric sign installations.

APPROVE DESIGN FOR BONNEVILLE FISHWAY

Design for fishways at Bonneville Dam, cost of which is estimated at $3,200,000, has been definitely determined by the U. S. army engineers, according to dispatches from Oregon. The fishways are planned to preserve the salmon industry, which otherwise would be endangered by construction of the dam.

The fish ladders, the largest ever constructed, will be 40 feet wide with a gradient of one foot vertical to 16 feet longitudinal.

The fish locks are to be 20 feet wide and 30 feet long. The water supply will be sufficient to provide a flow of 4.5 second feet through each linear foot of opening in the collecting traps.

Shipmentse of oil burners totaled 8,880 in April, as compared with 5,817 in March, according to the Bureau of the Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
550	Griffin	Mattock	4000
551	Salvation	Lindgren	2200
552	Bothin	Mattock	4000
553	Crane Co	California	1000
554	Union	Owner	1200
555	Ardural	Blincoe	2000
556	Rosenblum	Early	1000
557	Seventh	Owner	2000
558	Hilbar	Barrett	2000
559	Jacobson	Jones	6000
560	Rosenblum	Early	4000
561	Daniels	Owner	4000
562	Hunkin	Jensen	1600
563	Mariani	Early	1000
564	Home	Owner	3000
565	Clavere	Coburn	1000
566	Weinstein	Emanuel	1750
567	Clarke	Michall	1250
568	Gamble	El Rey	6700
569	Edwards Disston		4700
570	Galli	Owner	4000
571	New	Owner	4000
572	Barker	Owner	3800
573	Barker	Owner	3800
574	Arico	Fracchia	2500
575	De Elsaris	Hanson	1200
576	S. P. Co.	Owner	1995
577	Christensen	Owner	4000
578	Galli	Owner	4000
579	Galli	Owner	4000
580	Sparrows	Pappenhousen	1000
581	Costello	Owner	3500
582	Licata	Owner	2800

ALTERATIONS
(550) NO. 3954 WASHINGTON ST. Alter dwelling.
Owner——F. Griffin, % Contractor.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco. $4000

ALTERATIONS
(551) SW McCOPPIN AND STEVenson Sts. Alter gymnasium.
Owner—Salvaation Army, 111 Valencia St., San Francisco.
Engineer——J. M. Smith, 251 Kearny St., San Francisco.
Contractor——Lindgren & Swinerton, 225 Bush St., S. F. $2200

ALTERATIONS
(552) NO. 910 HARRISON ST. Alter warehouse.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor — A. F. Mattock Co., 212 Clara St., San Francisco. $4000

ALTERATIONS
(553) SW SECOND AND BRANNAN Sts. Alter warehouse.
Owner—Crane Co., Premises.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Contractor——California Steel Products Co., 490 Bay St. $1000

ALTERATIONS
(554) SW ARMY AND MISSION STS. Alter service station.
Owner—Union Oil Co., 220 Bush St., San Francisco.
Architect—Not Given. $1200

ALTERATIONS
(555) NO. 1680 SANCHEZ ST. Alter dwelling.
Owner—Virginia Ardural, % Contractor.
Architect—Not Given.
Contractor——C. O. Blincoe, 2663 15th Ave., S. F. $2000

RESTROOM
(556) SW SILVER AVE. AND MISsion St. Steel restroom.
Owner — Sophie Rosenblum, % Contractor.
Engineer——Richfield Oil Co.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1000

CHURCH
(557) W MISSION ST. 30 S Laurence St. One-story frame church.
Owner—Seventh Day Adventists, 1844 Broderick St., San Francico.
Architect—Not Given. $2000

ALTERATIONS
(558) SE SIXTH AND BRYANT STS. Alter warehouse.
Owner—Hilbar Properties Co., % Contractor.
Engineer—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2000

FLATS
(559) E WEST PORTAL 225 S 14th Ave. Two-story and basement frame flats.
Owner—C. J. Jacohosn, 212 Gates St., San Francisco.
Architect—Not Given.
Contractor—Thos. M. Jones, 643 29th Ave., San Francisco. $6000

STATION
(560) SW SILVER AVE. AND MISsion St. One-story steel service station.
Owner — Sophie Rosenblum, % Contractor.
Engineer—Richfield Oil Co.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $4000

DWELLING
(561) S KIRKHAM ST. 135 W 15th Ave. One-story and basement frame dwelling.
Owner—Harry J. Daniels, 1701 Sutter St., San Francisco.
Architect—C. O. Clausen, 746 46th Ave. San Francisco. $4000

ALTERATIONS
(562) NO. 35 SAN LORENZO WAY. Alter dwelling.
Owner—S. J. Hunkin, Premises.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $1600

REPAIRS
(563) NO. 3354-64 MISSION STREET Repair fire damage to stores.
Owner—Victoria Mariani, 3364 Mission St., San Francisco.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(564) NE PALOU ST. 325 NW Ingalls St. One-story and basement frame dwelling.
Owner—Home Constr. Co., 3344 24th St., San Francisco.
Architect—Not Given. $3000

REPAIRS
(565) NO. 526 SEVENTEENTH AVE. Repair fire damage to dwelling.
Owner—P. Clavere, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1000

ALTERATIONS
(566) NO. 33 KEARNY ST. Alter store.
Owner—Irving Weinstein, Premises.
Architect—Not Given.
Contractor — L. & E. Emanuel, Inc., 2655 Jones St., S. F. $1750

DWELLING
(567) NO. 451 VALLEJO ST. One-story frame dwelling.
Owner—Walter Clarke, % Contractor.
Architect—Not Given.
Contractor—Michall & Bomerer, 762 De Haro St. $1250

FLATS
(568) W FAIR OAKS ST. 90 N 22nd St. Two-story frame flats.
Owner—R. A. Gamble, 111 Liberty St., San Francisco.
Architect—Not Given.
Contractor—El Key Bldg. & Cabinet Shop, 430 Holloway St. $6700

ALTERATIONS
(569) S FOLSOM ST. 55 E Tenth St. Alter laboratory.
Owner—Leto Edwards, % Architect.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.
Contracto r— A. D. Disston, 666 Mission St., San Francisco. $4700

DWELLING
(570) SE DEWEY ST. 361 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Avenue, San Francisco.
Architect——Not Given. $4000

ALTERATIONS
(571) NO. 2592 MISSION ST. Alter stores.
Owner — New Mission Market, 2584 Mission St., San Francisco.
Architect—Not Given. $4000

DWELLING
(572) W CHENERY ST. 400 N Randall St. One-story and basement frame dwelling.
Owner—H. B. Barker, 225 College Ave. Ave., San Francisco.
Architect—Not Given. $3800

DWELLING
(573) SE THIRTIETH AND NOE Sts. One-story and basement frame dwelling.
Owner — H. B. Barker, 225 College Ave., San Francisco.
Architect—Not Given. $3800

ALTERATIONS
(574) NO. 2150 NORTH POINT ST. Alter dwelling.
Owner—Rento Arico, 2153 North Point St., San Francisco.
Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—Fracchia & Trufelli, 1996 21st Ave., S. F. $2500

DWELLING
(575) W ARKANSAS ST. 50 N 19th St. Alter dwelling.
Owner—Joe De Elsaris, 456 Arkansas St., San Francisco.
Architect—Not Given.
Contractor—H. S. Hanson, 5840 Mission St., San Francisco. $1200

ALTERATIONS
(576) W FOURTH ST., bet. Channel and Third Sts. Alter warehouse.
Owner—Southern Pacific Co., 64 Market St., San Francisco.
Engineer—H. C. Steel, 3rd and Townsend Depot. $1995

DWELLING
(577) W TWENTY-FIRST AVE. 50 S Quintara St. One-story and basement frame dwelling.
Owner—Herman Christensen, 1122 27th Ave., San Francisco.
Architect—C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(578) SE DEWEY 327 NE Pacheco. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(579) SE DEWEY ST. 398 NE Pacheco St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(580) NO. 254 WAWONA ST. Alter dwelling.
Owner—E. S. Sparrowe, Premises.
Architect—Not Given.
Contractor—H. Papenhausen, 595 Victoria St., $1000

DWELLING
(581) E THIRTY-SECOND AVE. 275 S Lawton St. One-story and basement frame dwelling.
Owner—Laurence Costello, 382 17th Ave., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(582) NO. 551 CHESTNUT ST., Alter apartments.
Owner—Luigi Licata, Premises.
Architect—J. A. Porporato, 619 Washington St., S. F. $2800

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
367	Firestone	Windsor	1000
368	Chamberlain	Bradley	1500
360	Reid	Campomenosi	9340
370	Jeager	Hansen	5530
371	Moore	Netherby	6000
372	S P Co	Owner	1000
373	Tucker	Moore	1200
374	Alessi	Benassini	2500
375	De Jerno	Owner	3000
376	Ballinger	Beckett	5000
377	Brasch	Owner	5000
378	Frazier	Owner	8000
379	Chaplin	Owner	3300
380	Hall	Stolte	3000
381	Davis	Dixon	5000
382	Bernet	White	1500
383	Douglas	Owner	5000

ALTERATIONS
(367) NO. 2964 BROADWAY, **OAKLAND.** Alterations.
Owner—Firestone Tire & Rubber Co., Premises.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $1000

ALTERATIONS
(368) NE TWELFTH AND WASHington Sts., **OAKLAND.** Alterations.
Owner—Selah Chamberlain, % Contractor.
Architect—Miller & Pfleuger, 580 Market St., San Francisco.
Contractor—Peter Bradley, 639 Brannan St., San Francisco. $1500

DWELLING
(369) NO. 976 LONGRIDGE ROAD, **OAKLAND.** Two-story 9-room dwelling.
Owner——W. M. Reid, 912 York St., Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. Campomenosi, 6401 Broadway Terrace, Oakland. $9340

DWELLING
(370) 2974 NORTHWOOD DRIVE, **ALAMEDA;** one-story six-room dwelling; frame with plaster exterior.
Owner—G. Jeager, Alameda.
Architect—Not Given.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda. $5500

DWELLING
(371) NO. 333 PERSHING DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—Stanley A. Moore, Premises.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland. $6000

ADDITION
(372) N SEVENTH ST. 300 E Fallon St., **OAKLAND.** Add to warehouse.
Owner—Southern Pacific Co., Oakland Pier.
Architect—Not Given. $1000

ALTERATIONS
(373) NO. 5800 CHABOT ROAD, **OAKLAND.** Alterations.
Owner—T. C. Tucker, Premises.
Architect—Not Given.
Contractor—John J. Moore Co., 354 Hobart St., Oakland. $1200

DWELLING
(374) NO. 2521 TWENTY-FIFTH Ave., **OAKLAND.** One-story 4-room dwelling.
Owner—V. Alessi, 2517 25th Avenue, Oakland.
Architect—Not Given.
Contractor—Joe Benassini, 620 51st St., Oakland. $2500

DWELLING
(375) NO. 2 OVAL ROAD, **OAKLAND.** Two-story five-room dwlg.
Owner—Peter De Jerno, 945 56th St., Oakland.
Architect—Not Given. $3000

DWELLING
(376) NO. 4750 PROCTOR AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—Mr. and Mrs. Howard Ballinger, Premises.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $5000

DWELLING
(377) NO. 868 LEO WAY, **OAKLAND** Two-story six-room dwelling.
Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $5000

DWELLING
(378) NO. 2741 DARNLEY DRIVE, **OAKLAND.** Two-story nine-room dwelling.
Owner—Delmer J. Frazier, 3522 68th Ave., Oakland.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley. $8000

DWELLING
(379) NO. 2666 CAMINO LENADA, **OAKLAND.** One-story five-room dwelling.
Owner—Alta J. Chaplin, 2433 Santa Clara Ave., Alameda.
Architect—Not Given. $3300

ALTERATIONS
(380) NO. 2960 CLAREMONT AVE., **BERKELEY.** Alterations.
Owner—F. Hall, Premises.
Architect—Not Given.
Contractor—F. C. Stolte Co., 2455 Laguna St., Oakland. $3000

DWELLING
(381) NO. 2001 CLEMENS ROAD **OAKLAND.** Two-story six-room dwelling.
Owner—L. L. Davis, 2701 9th Ave. Oakland.
Architect—Not Given.
Contractor—Dixon & Roth, 1841 5th Ave., Oakland. $5000

STORE
(382) NO. 2029-2031 TELEGRAPH Avenue, **OAKLAND.** One-story brick and tile store
Owner—Ezra Barnet, 80 Hamilton Pl., Oakland.
Architect—Not Given.
Contractor—White Tavern Operating Co., 519 16th St., Oakland. $1500

DWELLING
(383) NO. 492 SPRUCE ST., **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner—N. B. Douglas, 28 Domingo Ave., Berkeley.
Architect—Leonard Ford. $5000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

109	Shainwald	Johnson	2879
123	Griffin	Mattock	3594
124	Cline	Gladstone	2415
125	Sullivan	Moore	1647
126	Capocelli	Jensen	3054
127	Bothin	Siegrist	693
128	Slepnikoff	Fillipis	375
35	Cotter	Bristol	6088

ALTERATIONS
(123) NO. 3954 WASHINGTON ST. All work for alterations to dwelling.
Owner—Frank W. Griffin, % Contractor.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.
Filed June 5, '35. Dated May 31, '35.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3594.50
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(124) NO. 3467 PACIFIC AVE. All work for alterations and remodeling dwelling.
Owner—John W. Cline.
Architect—B. C. Corbett, 1720 Pacific Ave., San Francisco.
Contractor—D. R. Gladstone, 557 Market St., San Francisco.
Filed June 5, '35. Dated April 22, '35.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2415
Bond, none. Limit, 40 working days. Forfeit, none. Plans and specifications filed.

ADDITION
(125) NO. 3760 JACKSON ST. All work for one-room addition and alterations to dwelling.
Owner—Mrs. J. F. Sullivan, Premises
Architect—Edgar Preston Ames, 251 Kearny St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Filed June 6, '35. Dated May 29, '35.
After 15 days..... 25%
When completed..... 50%
Usual 35 days..... 25%
TOTAL COST, $1647
Bond, $1647. Surety, Standard Accident Insurance Co. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(126) NO. 2701 PACIFIC AVE. All work for miscellaneous alterations to dwelling.
Owner—Renato Capocello, 2526 Union St., San Francisco.
Architect—Francis E. Boyd, 360 Pine St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Filed June 7, '35. Dated June 3, '35.
July 1 ..... 75%
When completed, amount necessary to bring payment to..... 75%
Usual 35 days..... Balance
TOTAL COST, $3054
Bond, none. Limit, July 12, 1935. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(127) NO. 1208 HOWARD ST. All work for alterations to building.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect — Angus McSweeney, 604 Mission St., San Francisco.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco.
Filed June 6, 35. Dated June 4, '35.
On 15th of each month..... 75%
When completed amount necessary to bring payments to..... 75%
Usual 35 days..... Balance
TOTAL COST, $693
Bond, $693. Surety, United State Fidelity & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(128) NO. 955 CAROLINA ST. All work for exterior painting; repairing stairway, etc., of dwelling.
Owner—J. and A. Slepnikoff, Premises
Architect—Not Given.
Contractor—V. Fillipis, 269 24th Ave., San Francisco.
Filed June 10, '35. Dated May 23, '35.
HOLC Contract.
TOTAL COST, $375
Bond, $375. Surety, United States Fidelity & Guaranty Co. Limit, forfeit, none. Specifications only filed.

RESIDENCE
(35) POR. LOT 29 BLK D, Piedmont Knoll, Oakland. All work for two-story and basement frame and stucco residence.
Owner—R. A. Cotter, Haste St. and Telegraph Ave., Berkeley.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — Mark Bristol Co., Inc., 1038 McKinley Ave., Berkeley.
Filed June 12, '35. Dated June 10, '35.
Frame up $1522.00
Brown plaster 1522.00
When completed 1522.00
Usual 35 days..... 1522.50
TOTAL COST, $6088.50
Bond, $6088. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $200; 554 11th Ave.; owner, A. Bonomi, Prem.; contractor, N. R. Lindeman, 829 44th Ave.
BILLBOARD, $6.25; NW Geneva Ave. and Naples St.; owner, West Coast Advertising Co., 1864 Market Street.
SIGN, electric, $400; NW Van Ness Ave. and Jackson St.; owner, Elec. Appliance Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
FLUES, $100; W Fillmore St. 274 S Retiro St.; owner, Moriconi, 1670 Chestnut St.; contractor, John J. Delucchi, 1526 Powell St.
ALTER dwelling, $460; 1024 Silver Ave.; owner, Ada Barreto, Prem.
ALTER store, $100; NE Pacific Ave. and Wayne Place; owner, L. Perasso, Premises.
ALTER dwelling, $500; 178 Delano St.; owner, Mr. Jacobs, 635 Geneva.
FLUES, $80; 2899 Vallejo St.; owner, P. E. Roberts, Prem.; contractor, Boegershausen Bros., 1801 Divisadero St.
BILLBOARD, $6.25; SW Ellis and Taylor Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.
BILLBOARD, $12.50; SW Mission and Main Sts.; owner, West Coast Advertising Co., 1864 Market St.
ALTER dwelling, $125; 561 8th Ave.; owner, C. Schott, Premises.
ALTER fruit stand, $50; E Eighth St. 300 S Market; owner, D. Thomas, 1175 Market St.
ALTER dwelling, $500; 2888 Army St.; owner, Mrs. B. Orengo, Premises; contractor, Carl Frank Co., 355 Bocana St.
ALTER dwelling, $400; 3467 Pacific Ave.; owner, Dr. John Cline, Prem
ALTER store, $450; 1661 Fillmore St.; owner, Sig Marg, 1624 Fillmore St.; contractor, Royal Show Case Co., 770 McAllister St.
FLUES, $110; E San Rafael St. 195 S St. Francis; owner, H. C. Clausen, 732 Clementina St.; contractor, Pyramide Furnace Co., 732 Clemetina Street.
FLUES, $100; 88 Sixth St.; owner, Delta Hotel, Prem.; contractor, Pyramid Furnace Co., 732 Clementina St.
SIGN, electric, $100; 460 Castro St.; ownetr, Louis Grill, Prem.; contractor, American Elec. Sign Co., 1740 Eddy St.
SIGN, electric, $200; 1251 3rd Ave.; owner, Fern's Market, Premises; contractor, Brumfield, 965 Folsom.

ALTER flats, $250; 2022-24 Leavenworth St.; ownrr, J. Riemer, 2666 Baker St.; contractor, Rome Carpenter Shop, 1659 Powell St.
ALTER dwelling, $480; 137 2nd Ave.; owner, M. Fanzone, 549 3rd Ave.; contractor, Hermie E. Muser, 2516 California St.

CONCRETE foundation for dwelling, $400; W 12th Ave. 75 S Kirkham St.; owner, The Builders' Exchange, 666 Mission St.; contractor, N. F. Nielsen, 666 Mission St.
SIGN, electric, $100; 842 Valencia St.; owner, Warm Belt Tavern, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $150; SE Sacramento and Polk Streets; owner, Wakelee Drug Co., Premises; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER flats, $125; 1558-60 Post St.; owner, Mrs. A. Canavan, 520 Oak St.

SIGN, electric, $100; 988 Market St.; owner, Club Oasis, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potroro Ave.
SIGN, electric, $250; 58 Market Street; owner, Wakelee Drug Co., Prem.; contractor, Elec. Prods. Corp., 255 Golde Gate Ave.
ALTER sidewalk lights, $250; 725 Mission St. (rear); owner, Norris Beggs & Base, Flatiron Building; contractor, Phoenix-Simpton Co., 520 Sixth St.
ALTER store, $75; 276 11th St.; owner, Laher Spring & Tire Corp., Prem.
ALTER store, $475; 359 Sutter St.; owner, New England Mutual Life Insurance Co., Flatiron Bldg.; contractor, A. M. Hardy, 736 Clementina St.
ALTER store, $350; 1096 Union St.; owner, J. Riemer, 2666 Baker St.; contractor, Rome Carpenter Shop, 1659 Powell St.

ALAMEDA COUNTY UNDER $1000

ADDITION, $500; 5315 Harboard Dr., Oakland; owner, Eva M. Stark, 2340 Lakeshore Blvd.
ADDITION and one-story garage, $203 1374 E-36th St., Oakland; owner, L. F. Jensen, Premises.
SHED, one-story, $30; 2307 27th Ave., Oakland; owner, Ned Smith, Prem
RE-ROOFING, $84; 3384 Piedmont Ave., Oakland; owner, Mrs. N. L. Burton, Prem.; contractor, F. C. Meyer, 2642 Harrison St.
SIGN, metal, $10; 2400 E-14th Street, Oakland; owner, Mileage Gas Co., 354 Hobart St.
SIGN, metal, $10 5600 Telegraph Ave., Oakland; owner, Mileage Gasoline Co., 354 Hobart St.
SIGN, cloth, $10; 1124 Washington St., Oakland; owner, Royal Brant Shoe Co., Premises.
ALTERATIONS, $950; 4238 Park Blvd. Oakland; owner, Mrs. L. C. Winter, 746 59th St.
REPAIRS, $125; 2600 Rawson Street, Oakland; owner, Mr. Lawson, 2600 Rawson St.; contractor, Oscar C. Johnson, 1257 Hearst Ave., Berkeley.
ADDITION, $150; 3737 Suter St., Oakland; owner, L. E. Dale, Prem.
RE-ROOFING, $94; 1126 62nd Street, Oakland; owner, Wm. Buchl, 1126 682nd St.; contractor, J. H. Lammey, 902 31st St.

SIGN, metal, $18; 2225 Lakeshore Ave. Oakland; owner, Jane Lee Dress Shop, Prem.; contractor, J. F. Barnes, 5236 Claremont Ave.
ROOF sign, metal, $12; 5042 Foothill Blvd., Oakland; owner, Mileage Gasoline Co., 354 Hobart St.
SIGN, metal, $7; 400 Mountain Blvd., Oakland; owner, Mileage Gasoline Co., 354 Hobart St.
SIGN, electric, $110; 5012 Telegraph Ave., Oakland; owner, Tap Buffet, Premises; contractor, Imp Elec. Sign Co., 2228 Myrtle St.
ALTERATIONS, $157; 1252 Spruce St. Berkeley; owner, E. A. Carlson, 796 Tenth St., Oakland; contractor, Sun Roofing Co., 3044 Blossom St., Oakland.
ADDITION, $500; 1105 Court Street, Alameda; owner, Otto Heck, 1105 Court St.; contractor, Royal Haulman, 1243 Broadway.
RE-SHINGLE, $160; 1531 Walnut St., Alameda; owner, Alice C. Remer, 1531 Walnut St.; contractor, Fred J. Dunn, 3597 Mission St., S. F.
ALTER for 2-car garage, $400; 1413 Central Ave., Alameda; owner, C. Forrest, Prem.; contractor, J. H. Pickrell, 1738 Alameda Ave.
Alter interior of club for doctor's office, $250; 712 Santa Clara Avenue, Alameda; owner, Alameda Improvement Club, Prem.
RE-ROOR, $154; 1532 Grand St., Alameda; owner, J. Carnelius, Prem. contractor, Jack Johnson Roofing Co., 2323 Foothill Blvd., Oakland.
ALTERATIONS, $90; 1620 Fourth St., Alameda; owner, R. Rich, Prem.
ALTER front of frame dwelling, $500; 1126 Park Ave., Alameda; owner, Central Bldg. & Loan Assn., Park St. and Central Ave.; contractor, J. H. Pickrell, 1738 Alameda Ave.
SIGN, electric Neon, $10; Webster St. and Pacific Ave., Alameda; owner, Perata & Peirotti, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave., S. F.
RE-ROOF, $120; 425 Central Ave., Alameda; owner, P. J. Winters, Prem contractor, H. Granlund, 1041 Re-
SERVICE station, one-story brick, $900; 701 23rd Ave., Oakland; owner, I. Shemanski, 1017 Market St.; contractor, B. Milton, 589 Haddon Road.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bends
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 2565 Washington Street.
Alterations to apartments.
Owner—Frank C. Brodie, 1281 Mission St., San Francisco.
Architect—Not Given.

Preparing Working Drawings.
APARTMENTS Cost, $52,000
SACRAMENTO, Sacramento Co., Cal. Twenty-first and W Streets.
Three - story frame and stucco apartment building (80x150-feet(21 2- and 3-room apartments; composition roofing, steam heating system hardwood floors, tile baths, steel sash, etc.
Owner—Chas. M. Mackarsil.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Plans will be completed in about six weeks.

Plans Completed.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 551 Chestuut Street.
Alterations to apartments.
Owner—Luigi Licata, Premises.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

3— CHURCHES

Plans Being Prepared.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Sutter and Lyon.
Alterations to two one-story frame cottages for church of St. Cyprian Mission (Colored) new front, plaster exterior, auditorium to seat 100
Owner—Episcopal Bishop of California
Architect—Arnold Constable, 580 Market Street.
Bids will be asked in about 2 weeks.

To Be Done By Day's Work.
CHURCH Cost, $2500
SAN FRANCISCO. W Mission St. 30 S. Laurence Street.
One-story frame church.
Owner—Seventh Day Adventists, 1844 Broderick St., San Francisco.
Architect—Not Given.

Plans Being Figured—Bids Close June 21, 10 A. M.
CHURCH Cost, $30,000
NORTH SACRAMENTO, Sacramento County, Calif.
One-story reinforced concrete church (to seat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect. No deposit required.

Being Done By Day's Work.
TABERNACLE Cost, $2500
SAN FRANCISCO. W Mission St. 30 S Laurence Street.
One-story frame temporary tabernacle
Owner—Seventh Day Adventists, 1844 Broderick St., San Francisco.
Architect — Albert R. Williams, 251 Post St., San Francisco.
Mgr. of Constr.—Robert Sutton, Prem.

4— FACTORIES & WAREHOUSES

Plans Completed.
EXTENSION Cost, $60,000
STOCKTON, San Joaquin Co., Cal.
Extension to cotton warehouse (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner. Financing arrangements are now being discussed.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. S Folsom St. 55 E Tenth Street.
Alterations to laboratory.
Owner—Leto Edward.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—A. D. Diseton, 666 Mission St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. W Fourth St., bst. Channel and Third Sts.
Alterations to warehouse.
Owner — Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner (J. H. Christie, Engineer).

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. 910 Harrison St.
Alterations to warehouse.
Owner—Bothin Real Estate Co., 604 Mission Street.
Architect — Angus McSweeney, 604 Mission Street.
Contractor—A. F. Mattock, 212 Clara.

Excavation and Concrete Contracts Awarded.
FACTORY Cost, $12,000
SAN FRANCISCO. NW Bryant and Oak Grove Streets.
One-story Class C concrete industrial plant (composition roofing, concrete floors, etc.
Owner—O. J. and L. W. Williams.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Excavation and Concrete — Mission Concrete Co., 270 Turk Street.
Other awards will be made shortly.

PLANNED
PHOENIX, Arizona. — Libby Fruit Packing Co., George Libby, manager, Phoenix, is having plans prepared for a new packing plant to replace the company's existing building at 126 S. 9th St., Phoenix. It will be equipped with an air conditioning system.

Plans To Be Prepared.
WINERY Cost, $100,000
MODESTO, Stanislaus Co., Cal. Golden State Highway.
One-story brick or concrete winery.
Owner—Stanislaus Winery (Sam Sanfilippo and J. H. Defossel, proprietors) 203 Park St., Modesto
Architect—To Be Selected.
Further details will be announced in about two weeks.

Construction Started.
DIST. AGENCY Cost, $15,000
OAKLAND, Alameda Co., Calif. East Eighth St. and Eighth Ave.
Alterations to distributing agency and refrigerated warehouse.
Owner—Rainier Brewing Co. (George C. Feldman, Mgr.)1550 Bryant St., San Francisco.
Consulting Engineer—Floyd S. Richards, Hutton Bldg., San Francisco Mr. Richards is acting as manager of construction for the owner, and will let the sub-contracts.

Plans Being Completed.
WAREHOUSE & OFFICE Cost, $——
SAN FRANCISCO. Harrison and Veronica Place.
One and two-story reinforced concrete warehouse and office bldg. (storage shed, etc.)
Owner—Steelform Contracting Co., 131 Perry Street.
Engineer—L. H. Nishkian, 525 Market Street.
Plans will be completed in about one week. Sheds will be constructed by the owners.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Second and Brannan Streets.
Alterations to warehouse.
Owner—Crane Company, Premises.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—California Steel Products Co., 490 Bay St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $$2500
SAN FRANCISCO. SE Sixth and Bryant Streets.
Alterations to warehouse.
Owner—Hilbar Properties Co.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

5— FLATS

Contract Awarded.
FLATS Cost, $7000
SAN FRANCISCO. E West Portal 225 S Fourteenth Avenue.
Owner—C. J. Jacobson, 212 Gates St., San Francisco.
Architect—Not Given.
Contractor—Thos. M. Jones, 643 29th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $7,000
SAN FRANCISCO. W Fair Oaks 90 N 22nd St.
Two-story frame and stucco flats.
Owner—R. A. Gamble, 111 Liberty St.
Architect—Not Given.
Contractor—El Rey Bldg. and Cabinet Shop, 430 Holloway Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
ALTERATIONS Cost, $1500
OAKLAND, Alameda Co., Cal. No. 618 Spruce Street.
Alterations to residence and garage.

Owner — Roy DeForrest, 1620 Webster St., Oakland.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Army and Mission Streets.
Alterations to service station.
Owner—Union Oil Co., 220 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO. SW Silver Ave. & Mission Street.
One-story steel service station and restrooms.
Owner—Sophie Rosenblum.
Lessee—Richfield Oil Co.
Plans by Engineering Dept. of Lessee.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

To Be Done By Day's Work.
SERVICE STATION Cost, $5,000
SAN JOSE, Santa Clara Co., Cal. 798 South First Street.
Gasoline service station.
Owner—Seaside Oil Co., 798 Stockton Ave., San Jose.
Plans by Engineering Dept. of Owner, Los Angeles.

Contract Awarded.
REBUILD SERVICE STATION Cost, $7500
RICHMOND, Contra Costa Co., Calif. Fourteenth Street and Macdonald Avenue.
Rebuild service station (steel construction).
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.

BIDS WANTED
SAN FRANCISCO.—Until June 21, 11:30 A. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for construction of a brick garage at San Jose and Palmetto Avenues. Estimated cost $1,200.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.00.

7— FEDERAL BUILDINGS

FUNDS ASKED
HONOLULU, T. H. — War Department has filed requests with Division of Applications and Information for allotments from work-relief appropriation as follows: $168,013 for radio beacon, including headquarters hut and towers and for hangar fire protection, Wheeler Field; $28,170 general repairs to buildings and utilities, Tripler General Hospital; $30,000 general repairs to buildings and utilities, Fort Shafter.

FUNDS ASKED
WASHINGTON, D. C.—War Department has filed requests with Division of Applications and Information for allotments from work-relief appropriation as follows: $15,000 for general repairs to buildings and utilities, Fort George Wright, Spokane; $70,000 for general repairs to buildings and utilities, Fort Lewis, Tacoma; $51,400 for general repairs to buildings and utilities, Vancouver Barracks, Vancouver.

FUNDS ASKED
WASHINGTON, D. C.—Navy Department has filed requests with the Division of Applications and Information for allotments from work-relief appropriation as follows: $288,000 for steel freight lighters to replace six lighters worn out in use at Bremerton Navy Yard; $10,000 for power house and accessories at Destruction Island direction finder station; $13,200 for improvement of water supply at Naval Torpedo Station, Keyport.

FUNDS ASKED
SAN DIEGO, Calif.—Navy Department has filed requests with Division of Applications and Information for allotments from work-relief appropriation as follows: $297,000 grading and improving aviation field and construction of shelter and subsistence bldgs., San Clemente Island, 60 miles off the California coast; $13,500 repair and improvement of buildings at Naval Supply Depot; $73,800 repair and improvement of buildings at Naval Hospital; $12,500 repair and improve the roads, walks and grounds, Naval Hospital; $283,500 repair and improve the roads and walks, Marine Barracks; $24,000 repair and improve buildings, Destroyer Base; $30,000 complete subsurface maps and records; $10,300 repair and improve paving.

Project Cancelled.
POST OFFICE Cost, $178,415
ALHAMBRA, Los Angeles Co., Calif. U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Bids were scheduled to have been opened June 26, 1 P. M.

CONTRACT AWARDED
VISALIA, Tulare Co., Cal.—Neuman Bros., McMinnville, Oregon, at $830 awarded contract by Treasury Department, for painting the plastering, etc., at the U. S. Post Office, Visalia.

BUILDING MATERIALS APPROVED
COMPTON, Los Angeles Co., Calif. —Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. post office at Compton. Robert E. McKee, Los Angeles, general contractor:
Plumbing fixtures, Crane Co.; electric water coolers and drinking fountain, Halsey W. Taylor; water supply pipe, Pittsburgh Tube Co.; hot water heater, Bastian & Morley; pressure-reducing valve on water supply, McAlear Mfg. Co.; backwater cesspools, Butler, Mfg. Co.; nonconducting covering for plumbing, Johns - Manville Co.; boiler, National Radiator Co.; tube radiators, Crane Co.; wall radiators, Crane Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valve, Jas. P. Marsh Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel and main switch, Trumbull Elec. Mfg. Co.; receptacles and flush switches, Arrow-Hart & Hegeman El. Co.; glassware, Inland Glass Works; lighting fixtures, Mutual Metal Mfg. Company.

BUILDING MATERIALS APPROVED
HUNTINGTON PARK, Los Angeles Co., Calif.—Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office at Huntington Park. G. F. Campbell Building Co. and Chas. P. Kelly, Los Angeles, general contractors.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountain, H. W. Taylor Co.; gas water heater and indirect water heater, American Radiator Co.; water supply pipe, Bridgeport Brass Co.; pressure-reducing valve on water supply, Mueller Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Works; boiler, Kewanee Boiler Corp.; tube and wall radiators, American Radiator Co.; nonconducting covering for heating, Plant Rubber & Asbestos Works; angle radiator valves, Jas. P. Marsh Corp.; oil heater, air valves for radiators and air valves for ends of steam mains, American Radiator Co.; lighting distribution panel, Mullenbach Elec. Mfg. Co. feeder panel, Mullenbach Electrical Mfg. Co.; receptacles & flush switches, Arrow-Hart & Hegeman Electric Co.; pendant switches, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe - Bridges Co.; lighting fixtures, Perfeclite Co.

BUILDING MATERIALS APPROVED
ROSEVILLE, Placer County, Calif. —Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. post office at Roseville. K. E. Parker Co., 135 South Park, San Francisco, general contractor.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, Halsey-Taylor Co.; pressure reducing valve on water supply, Bailey Co.; non - conducting covering for plumbing, Johns-Manville Co.; brass pipe, Chase Brass and Copper Co.; boiler, National Radiator Co.; tube and wall radiators, American Radiator Co.; nonconducting covering for plumbing, Johns-Manville; cast-iron threaded pipe, Walworth Co. radiator valves, Walworth Co.; air valves for radiators, Hoffman Specialty Co.; oil heater, American Radiator Co.; lighting distribution panel, Myers Safety Switch Co.; service entrance switch, Trumbull Electric Mfg. Co.; r.c. wire, General Cable Corp.; receptacles, Harvey-Hubbell Co.; air valves for ends of steam mains, Hoffman Specialty Co.; flush switches, Harvey-Hubbell Co.; glassware, Inland Glass Works; pendant switch, Pass & Seymour; lighting fixtures, Mutual Metal Mfg. Co.

SUB-BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal. Clinton Const. Co., 923 Folsom Street, San Francisco, desires sub-bids on all portions of the work for the construction of the U. S. Post Office at San Pedro for which bids are being opened on June 20, 1 P .M., at Washington, D. C.

8— CLUB BUILDINGS

BIDS WANTED
SANTA MARIA, Santa Barbara Co. Cal.—Until July 1, 10 A. M., bids will be received by Santa Barbara county supervisors for all labor and material necessary for structural steel work for the Veterans' Memorial building to be erected at Santa Maria. Plans and specifications may be obtained at the office of Architect R. A. Polley, Santa Maria, upon deposit of $5. Certified check for 10% must accompany each bid.

PREPARING PLANS
LONG BEACH, Cal.—Architect G. D. Riddle, 2826 Cedar Avenue, Long Beach, is starting working drawings for the one- and part two-story frame and stucco Naval Y.M.C.A. building to be built in Long Beach. It will contain gymnasium, offices, social room, dormitory locker, and shower rooms. Cost, $50,000.

Commissioned To Prepare Plans.
MEMORIAL BLDG. Cost, $3,179
TUOLUMNE, Tuolumne Co., Calif.
One-story veterans' memorial bldg.
Owner—County of Tuolumne.
Architect—Frank Mayo, 108 E. Miner St., Stockton.

— HOSPITALS

REPARING PLANS

SAN LUIS OBISPO, Calif.—Archi-ets A. R. Walker and P. A. Eisen, 8 Pacific Commerce Bldg., Los An-les, are preparing plans for a home r aged men to be erected in San uis Obispo by the San Luis Obispo unty supervisors. The building will ve wards and private rooms, to ac-ommodate 50 patients, culinary de-artment and treatment rooms. It ill be a one-story, reinforced con-ete structure with tile roof.

lans Being Prepared.

OSPITAL Cost, $56,000
ALEM, Ore. State Hospital grounds. ne-story addition to present 2-story tuberculosis hospital (reinforced concrete and steel construction) and two-story reinforced concrete nurses' home.
wner—State of Oregon.
rchitect—L. L. Dougan & Wallwork, U. S. Bank Bldg., Portland.

REPARING PLANS

PASO ROBLES, San Luis Obispo o., Calif.—Architects A. R. Walker nd P. A. Eisen, 708 Pacific Commerce ldg., Los Angeles, have been com-issioned by the San Luis Obispo unty supervisors to design and su-ervise the construction of a hospital uilding at Paso Robles. The main uilding will provide 50 beds, labor-ories, X-ray roofs, surgery wings, tchen, clinical and emergency treat-ent rooms and nurses' quarters. A parate building will house a con-gious ward, providing 15 beds and arters for nurses. They will be re-forced concrete structures with tile oofing and a low pressure steam eating system. Cost, $48,000.

ONTRACT AWARDED

SAN FRANCISCO.—E. A. Cornely, c., 1452 Bush St., at $173.80 award-contract by U. S. Marine Hospital r repairing blow-off line for boiler heating plant at the Marine Hos-tal, 14th Ave. and Lake St.

EEK FUNDS

WHIPPLE, Ariz.—Veterans' Admin-tration has applied for $676,000 from e works relief fund to remodel and ld to the government hospital at hipple, Ariz. It is proposed to pro-de several hundred more beds, and nstruct water, sewer, steam and ectric systems.

ONTRACT AWARDED

FLAGSTAFF, Arizona—Don Jacobs, agstaff, awarded contract for erec-on of a one-story hospital building 0x154 ft.) near Flagstaff for Dr. C. . Sechrist.

IDS REJECTED

VENTURA, Ventura Co., Cal.—Ven-ura county supervisors rejected all ds received June 7 for the construc-on of an isolation ward building at entura county hospital. Application ill be made to the PWA for govern-ent financing of the project. W. S. eakle, Ventura, submitted the only eneral contract bid at $32,470. Har-d E. Burket, 455 E. Main St., Ven-ura, architect.

ids Wanted—To Close June 26.

URSES' HOME, ETC. Cost, $—
ITKA, Alaska.
wo-story reinforced concrete nurses' home (40x35 ft.) living room, laun-dry, kitchen, 7 bedrooms, 2 baths; shingle roof, steam heating, etc.; two-story superintendent's resi-dence (31x40 ft.) and one-story concrete garage and power plant (34x34 ft.)
Owner—Alaska Pioneers Home (Wm. A. Hessee, Juneau, Alaska).
Architect—Heath, Gove and Bell, Puget Sound Bank Bldg., Tacoma.

Plans Being Figured—Bids Close June 17, 12 Noon.

ADDITION Cost, $8,500
SAN FRANCISCO, Sixth Avenue and Geary Street.
One-story reinforced concrete and brick veneer addition to hospital (addition to operating room, stor-age room, locker room, sink room and utility room, etc.)
Owner—French Hospital.
Architect—Fabre and Hildebrand, 110 Sutter Street.
G. P. W. Jensen, 320 Market Street, is among the contractors figuring the plans.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED

SAN DIEGO, Cal.—Until June 12, 11 A. M., bids will be received by the Public Works Department, 11th Naval District, San Diego, for repairs to insulation on brine piping in cold storage rooms at the Naval Operating Base (Marine Corps Base) San Diego: Spec. No. 7960. The work consists of the provision of materials and the installation of molded cork insulation to replace defective insulation on approximately 270 l.f. of miscellaneous sizes of existing piping carrying cold brine and ammonia vapor. Bidding data may be obtained from the District in San Diego upon deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks.

TAKING BIDS

VERNON, Los Angeles Co., Calif.—Safeway Stores, 1925 E. Vernon Ave., Vernon, are taking bids for a refrigerating system to be installed in an existing building on the northeast corner of Alameda St. and Vernon Ave., Vernon. Cost estimated at $50,000.

12— POWER PLANTS

BIDS OPENED

YELLOWSTONE NATIONAL PK., Wyoming—H. S. Tittle Co., 85 Columbia Square, San Francisco, at $6112 submitted the only bid received by the National Park Service, 409 Underwood Bldg., San Francisco, for remodeling power plant and equipment, and installing two new 300-kw. hydro-electric units at Mammoth power house, Yellowstone National Park. The new units will be furnished by the government.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Additional Sub-Contracts Awarded.

COURT HOUSE Total Cost, $1,568,873
OAKLAND, Alameda Co., Cal. Fallon Twelfth, Oak and 13th Streets.
Twelve-story fireproof court house (structural steel frame, reinforced concrete walls, permanent and earthquake - resistive, plumbing, heating, ventilating, electric work elevators (to house all county offices and courts) three lower floors to be 176x245 ft. and upper floors 116x116 feet.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland (GLencourt 2902).
Consulting, Mechanical and Electrical Engineer—G. M. Simonson, 20 Loreta Ave., Piedmont.
Contractor—Geo. Wagner, 181 South Park, and K. E. Parker, 135 South Park, San Francisco, $948,574
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Steel Partitions—Mills Co., 965 Wayside Road, Cleveland, Ohio.
Rolling Doors—Acme Partition Co., Call Bldg., San Francisco.
Sheet Metal—Fire Protection Products Co., 1101 16th St., San Francisco.
Linoleum—Higgins Linoleum, 2335 Broadway, Oakland.
Finish Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland

CONTRACT AWARDED

SAN FRANCISCO — Murray Iron Works, 417 Market St., at $8270 awarded contract by Constructing Quartermaster, Fort Mason, for furnishing and installing one steam turbine for present 200 K.W.D.C. generator in the power plant at the Letterman General Hospital, Presidio, San Francisco.

Material Bids Being Taken.

ALTERATIONS Cost, $22,000
NEVADA CITY, Placer Co., Calif.
Alterations and addition to courthouse (West addition, fire unit) work involves addition to county clerk's office and board of supervisors' office.
Owner—County of Nevada.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by SERA.
Bids on the following materials are being received by R. M. McCormick, county clerk, Nevada City.
Structural steel;
Cement;
Reinforcing steel;
Steel windows;
Acoustical materials;
Metal lath and plaster.

Contracts Awarded.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Jos. Loseksnn, 1218 West Harding St., Stockton.
Cement—Lodi Lumber Co., Lodi, $1,691.25, and Fred Spickerman, Lodi, $1,691.25.
Steel—Elliott Lbr. Co., Lodi, $728.54.
Hardwood Floors—John Krause Lumber Co., Lodi, $3,263.40.
Sand and Gravel—Lodi Lumber Co., Lodi, $2,281.65.
Labor will be furnished by SERA.

Material Bids Wanted—To Close June 17, 10 A. M.

ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to City Hall (concrete new wing and remodel present building).
Owner—City of Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Mgr. of Conser.—C. W. Wilke, Roseville.
Materials are being taken as follows
Heating.
Plumbing.
Electric.
Painting.
Linoleum.
Mill Work,
Lathing and Plastering.
Hardware.
Building Paper and Insulation.
Tile Work.
Ornamental Iron and Steel.
Window Shades.
Glass.
Sheet Metal.

BIDS WANTED

SAN FRANCISCO — Until June 19, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, City Hall, for work at the Public Library as follows:

(1) Repairing and refinishing cork floors, estimated to cost $1100.
(2) Granite pointing, estimated to cost, $1700.
(3) Exterior and interior painting, estimated to cost $3500.

Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall.

BIDS WANTED

SAN FRANCISCO—Until June 18, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Dupty Director, Department of Public Works Room 251, City Hall, for repairing roof of Public Library, Larkin Street, between McAllister and Fulton Sts.

Specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

Bids Wanted—To Close July 11, 11::00 A. M.

AUDITORIUM Cost, $400,000
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in the balcony; 56-ft. stage, art gallery, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel roof trusses, hot air and steam heating system, and elevators).
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. W. Peterson, 304 Rowell Bldg., Fresno).
Structural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.

On previous bid opening lowest bids were submitted by the following:
General Work: Dinwiddie Const. Co., Crocker Bldg., San Francisco, at $442,900.
Mechanical Work: Scott Co., 243 Minna St., San Francisco, $88,375.
Electrical Work: Weasell Electric Co. Rt. 2, Box 173, Fresno, $209,960.

Bids Wanted—To Close June 17th, 8 P. M.

FIRE HOUSE Cost, $12,000
BELMONT, San Mateo Co., Calif.
One-story frame and stucco fire house (dormitory to house 8 men) work involves concrete, lumber, brick work, plastering, electrical work, tile roof, wall and floor tiling, etc.
Owner—City of Belmont Board of Fire Commissioners.
Architect—Thos. Edwards, 9 Geary St. San Francisco.

Bids are wanted on the following materials:
Rock, sand and gravel; cement; lumber; millwork; plumbing fixtures; electrical materials; plumbing materials; roofing tile; composition roofing; lime; brick; ornamental iron, etc.

Labor will be furnished by SERA.

Plans and specifications may be inspected in the office of the architect.

Plans Being Figured—Bids Close June 18, 10 A. M.

ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. Alliston and Grove Streets.
Alterations to attic in City Hall (work involves wood joists, complete flooring, new stairway, one partition, etc.)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.

Plans and specifications may be obtained from the architect upon deposit of $5.

14— RESIDENCES

Bid Opening Date Postponed Until June 19, 6 P. M.

RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal.
Two - story and basement frame and stucco residence (12 rooms, six baths, 3-car garage).
Owner—George Pope.
Architect—W. W. Wurster, 260 California St., San Francisco.

Bids are being taken from a selected list of contractors only.

Contract Awarded.

RESIDENCE Cost, $3000
OAKLAND, Alameda Co., Cal. No. 2521 Twenty-fifth Avenue.
One-story frame residence (4 rooms).
Owner— V. Alessi, 2517 25th Avenue, Oakland.
Architect—Not Given.
Contractor — Joe Benassini, 620 51st St., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $4000
SAN FRANCISCO. Palou and Ingalls Streets.
One-story and basement frame and stucco residence.
Owner and Builder — Home Constr. Co., 3344 24th St., San Francisco.
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 1680 Sanchez Street.
Alterations to residence.
Owner—Virginia Ardural.
Architect—Not Given.
Contractor—C. O. Blincoe, 2663 15th Ave., San Francisco.

Contract Awarded.

RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 1976 Park Avenue.
One-story frame and stucco residence (5 rooms).
Owner — W. M. Williams, 77 Park Court, San Jose.
Architect—Not Given.
Contractor—Frank Neves, 891 Harrison St., Santa Clara.

Contract Awarded.

RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 77 Ayer Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner — Ernest Awbrey, 475 N. San Pedro St., San Jose.
Architect—Not Given.
Contractor—Gibson Wheeler Co., 19 N. Second St., San Jose.

Contract Awarded.

RESIDENCE Cost, $3500
SAN JOSE, Santa Clara Co., Calif. No. 399 N. Fourteenth Street.
One-story frame and stucco residence (5 rooms).
Owner—Mrs. M. E. Empey, 425 S. 6th St., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

To Be Done By Day's Work.

RESIDENCE Cost, $5000
SAN FRANCISCO. S Kirkham St. 35 W Fifteenth Avenue.
One-story and basement frame and stucco residence.
Owner—Harry J. Daniels, 1701 Sutter St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded

RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif. Rabling Tract on Calaveras Ave.
Two-story frame residence.
Owner—San Jose Better Housing Committee.
Architect—Hays and Simpson, Cleveland, Ohio.
Contractor—George Kocher, Notre and Carlyle Sts., San Jose.

PLANNED

SAN JOSE, Santa Clara Co., Cal.—Cooper & Lowe, San Jose realtors, are making plans for the development of the Sub-division of sixty homes on a 12 acre tract, bounded by McKee Road and St. James St. and North 34th and North 35th Sts., San Jose. Further details will be announced at a later date.

Contract Awarded

ALTERATIONS Cost, $2,000
SAN FRANCISCO. 35 San Lorenzo Way.
Alterations to residence.
Owner—S. J. Hunkin, premises.
Architect — Henry H. Gutterson, 526 Powell Street.
Contractor—G. P. W. Jensen & Son Inc., 320 Market Street.

Low Bidder

RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two - story and basement frame and stucco residence (6 rooms, 2 baths, shingle roof, oak plank floors, gas heating system, colored tile baths
Owner—F. A. Naylor.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder—Enoch Trammel, 48 Crescent, Oakland.

Contract Awarded

RESIDENCE Cost, $20,00
BROCKAWAY, Placer Co., Cal. Buck Beach.
New summer house.
Owner—Leslie W. Hills, 2 Harrison St., San Francisco.
Architect—Russell Mills, 803 Nixon St. Reno.
Contractor — Norman Mayfield, Tahoe City.

Plans Being Figured—Bids Close June 25th.

RESIDENCE Cost, $10,00
BERKELEY, Alameda County, Calif. Claremont District.
Two - story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.

Plans Being Prepared.

ELEVATOR, ETC. Cost, $3,0
SAN FRANCISCO. 1025 Masonic Av
Install electric elevator in St. Agnes Rectory (alteration work, etc., connection with installation).
Owner—Roman Catholic Archbishop San Francisco, 2100 Franklin St.
Architect—Arnold Constable, 580 Market Street.
Rev. J. A. Butler is the priest St. Agnes Church.
Bids will be asked for the alteration work within a few days.

Plans Being Prepared.

RESIDENCE Cost, $6,5
BERKELEY, Alameda Co., Calif. E clid Avenue.
Two-story frame and stucco residenc
Owner—Mr. Offord.

Architect—Michael Goodman, 2163 Center St., Berkeley.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,000
SAN CARLOS, San Mateo Co., Calif.
One-story frame and stucco residence (five rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash.
Owner & Builder—John McCarthy, 10 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cont. Price, $4,431
NORTH BERKELEY, Alameda Co.
Two-story frame and stucco residence
Owner—D. R. Olson.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Sub-Bids Being Taken.
RESIDENCE Cost, $10,500
HILLSBOROUGH, San Mateo Co., Cal. Hayne Road.
Two-story and basement frame residence (Colonial type) 9 rooms and 3 baths; shingle roof, tile baths, gas hot air heating system, wood sash, hardwood floors, etc.
Owner—Mr. Parker.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanaugh, 432 Occidental Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal. 244 Virginia Avenue.
Two-story frame and stucco residence
Owner—E. Stern, 133 Aragon St., San Mateo.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.
Contractor—H. Voelker, 805 Winchester Place, San Mateo.

Construction Started.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 4333 Harboard Drive.
Two-story frame and stucco residence (six rooms).
Owner—J. Sexton, 6100 Taft Avenue, Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Construction has started under the owner's supervision.

June 7, 1935

To Be Done By Day's Work.
RESIDENCE Cost, $4500
BURLINGAME, San Mateo Co., Cal. Burlingame Ave. and Bloomfield.
One-story frame and stucco residence
Owner and Builder—J. B. Oswald, 760 El Cerrito, San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Cal. Lots 33 and 32, Portola Drive.
One-story and basement frame and stucco residence.
Owner and Builder—Paul A. Cleversy.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal.
Two-story wood frame residence (7 rooms and 2 baths) Colonial style shingle roof, gas hot air heating system, hardwood floors, tile baths wood sash, etc.
Owner—Miss Anna Sido.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rt. 1, Box 541, Modesto.

Contract Awarded.
COTTAGE Cost, $3000
SAN JOSE, Santa Clara Co., Cal. SW Fourteenth and Washington Sts.
One-story frame cottage and garage.
Owner—M. E. Empey, San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO. NW Pacheco and Magellan Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Bertha Hutcheons.
Architect — Wm. I. Garren, 233 Post St., San Francisco.
Contractor—Moore & Roberts, 693 Mission St., St., San Francisco.
Lumber—Smith Lumber Co., Fourth and Channel Sts.
Mill Work — Brannan Street Planing Mill, 560 Brannan St.
Painting—A. A. Zelinsky, 3011 Steiner Street.
Plastering—W. J. Coneeny, 172 6th St.
Slate Roof—Alta Roofing Co., 976 Indiana Street.
Heating & Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Plumbing—W. R. Trousdale, 422 Turk Street.
Electric—Galvin Bros., 1578 29th Ave.

Bids Rejected.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Calif. Shasta Road.
Two-story frame and stucco residence
Owner—N. W. Shock.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co., Calif.
Two - story and basement frame and brick veneer residence (10 rooms, 3 baths) Monterey-Colonial type, shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about 1 week.

Preparing Working Drawings.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co., Cal. Black Mountain Road.
Two - story and basement frame and stucco residence (11 rooms, four baths) French Manor type, shingle roof, gas heating system, hardwood floors, canvas walls, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about 10 days.

Permit Applied For.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands, 976 Longridge Road.
Two-story frame residence.
Owner—W. M. Reid, 912 York Street, Oakland.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway Terrace, Oakland.

Contract Awarded.
ALTERATIONS Cost, $2415
SAN FRANCISCO. No. 3467 Pacific Avenue.
Alterations and additions to residence.
Owner—John W. Cline.
Architect — B. Cooper Corbett, 1720 Pacific Ave., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5500
ALAMEDA, Alameda Co., Calif. 2974 Northwood Drive.
Owner—G. Jeager.
Architect—Not Given.
Contractor—C. Hansen, 1500 Santa Clara Ave., Alameda.

Concrete and Grading Contracts Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Lansdale Avenue, Sherwood Forest Tract.
Two - story and basement frame and stucco residence (ten rooms) tile roof, oil heating system, hardwood floors, tile baths, etc.
Albert M. Vollmer.
Architect—Miller and Pflueger, 580 Market Street.
Contractor—G. P. W. Jensen, 320 Market Street.
Concrete and Grading—Louis Sartorio 2627 Lombard Street.

Plans Being Prepared.
RESIDENCE Cost, $4000
HAYWARD, Alameda Co., Cal.
One-story frame and stucco residence (5 rooms); shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner——Withheld.
Architect—Geo. Patton Simonds, 192 Main St., Hayward.
Bids will be asked in about thirty days.

Sub-Contracts Awarded.
RESIDENCE Cost, $11,660
BERKELEY, Alameda Co., Calif. 1338 Hillcourt.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, gas heating system, tile baths, wood sash, hardwood floors, elec. refrigeration, etc.
Owner—W. W. Gilmour.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Contractor—S. O. MacDonald & Son, 2912 Deakin St., Berkeley.
Roofing—Western Roofing Co., 24 Poplar St., Oakland.
Plumbing—Chas. Knight, 1634 Grove St., Berkeley.
Sheet Metal—J. C. Owens, 1616 Carleton St., Berkeley.
Tile Work—P. J. Kooyman, 1616 Lafayette St., Alameda.
Concrete—J. H. Fitzmaurice, 354 Hobart St., Oakland.
Wood Sash—National Mill & Lumber Co., 400 High St., Oakland.
Iron Grille Work—Ronmak Ornamental Iron Works, 915 18th St., Oakland.
Lumber—E. K. Wood Lumber Company, Fredrick and King Streets, Oakland.
Painting—J. Turgeon, 2059 Webster St., Oakland.
Finish Material—National Mill & Lbr. Co., 400 High St., Oakland.
Grading—Aris Knapp, 961 41st Street, Oakland.
Brick and Stone Work—Victor Dwight Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal. No. 711 Salvatierra Street.
Two-story and basement frame and stucco residence.
Owner——Joseph and Sarah Hinsey, Palo Alto.
Architect—Chas. K. Sumner, Deckerbaak Bldg., Palo Alto.
Contractor — Ralph C. Knight, 595 Bailey Ave., Mt. View.

Plans Being Prepared.
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cost, $5,500
HAYWARD, Alameda Co., Calif.
One-story frame and stucco residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—A. Holyoake, Main Street, Hayward.

Contract Awarded.
ALTERATIONS Cost, $3,000
SACRAMENTO, Sacramento Co., Cal. 3462 L Street.
Alterations to residence.
Owner—A. J. Klein, premises.
Architect—Not Given.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Construction Postponed Indefinitely.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two - story frame and stucco residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.

Contract Awarded.
ALTERATIONS Cost, $1200
SAN FRANCISCO. Clay St. nr. Broderick Street.
Alterations to frame residence (work involves painting, plumbing, electric wiring, etc.)
Owner—Withheld.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contractor—Frank Falvey, 447 Walnut St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3000
SAN JOSE, Santa Clara Co., Calif. Altadena Tract.
One-story frame residence.
Owner—Edith L. Hillis, San Jose.
Architect—Wm. E. Higgins, 19 N. 2nd St., San Jose.
Contractor—Frank Nevis, 891 Harrison St., Santa Clara.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 333 Pershing Drive.
Two-story and basement frame and stucco residence (7 rooms).
Owner——Stanley A. Moore.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.

Contract Awarded.
ALTERATIONS Cost, $3054
SAN FRANCISCO. No. 2701 Pacific Avenue.
Alterations to residence.
Owner—Renato Capocelli, 2526 Union St., San Francisco.
Architect—Francis E. Lloyd, 360 Fine St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francsico.

Construction Postponed Indefinitely.
RESIDENCE Cost, $3,000
LAFAYETTE, Contra Costa Co., Cal.
One - story and basement frame and stucco residence (4 rooms).
Owner—Withheld.
Architect—William G. Ambrose, 244 Kearny St., San Francisco.
On bid opening lowest bid was submitted by T. D. Courtright, 349 51st St., Oakland.

Plans Completed.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. No. 2741 Darnley Drive.
Two-story and basement frame and stucco residence (9 rooms).
Owner—Delmer J. Frazier, 3522 65th Ave., Oakland.
Architect—E. L. Snyder, 1201 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 868 Leo Way.
Two-story frame and stucco residence (6 rooms).
Owner & Builder—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 2 Oval Road.
Two-story frame and stucco residence (5 rooms).
Owner & Builder—Peter DeJerno, 945 56th St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Three - story frame and stucco residence (18 rooms, 7 baths) shingle tile roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Bartlett B. Heard.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Walter Sorensen, 2940 Piedmont Ave., Berkeley.

To Be Done By Day's Work.
ALTERATIONS Cost, $2300
OAKLAND, Alameda Co., Calif. 2666 Camino Lenada.
Alterations to five-room dwelling.
Owner and Builder—Alta J. Chaplin, 2433 Santa Clara Ave., Alameda.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,000
STOCKTON, San Joaquin Co., Calif. 1521 W. Walnut Street.
One - story and basement brick residence (5 rooms).
Owner—George Ellis, Jr., 1446 North Hunter St., Stockton.
Architect—Not Given.
Contractor—Ecker Bros., Route 1, Box 15, Stockton.

Contract Awarded.
ALTERATIONS Cost, $3,000
BERKELEY, Alameda Co., Cal. 2960 Claremont Avenue.
Alterations to residence.
Owner—F. Hall, 2960 Claremont Ave., Berkeley.
Architect—Not Given.
Contractor—F. C. Stolte, 455 Laguna St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. SE 30th and Noe.
One - story and basement frame and stucco residence.
Owner and Builder—H. B. Barker, 225 College Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Chenery, 400 N. Randall.
One - story and basement frame and stucco residence.
Owner and Builder—H. B. Barker, 2 College Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 ea
SAN FRANCISCO. Dewey and Pacheco.
Three 1-story and basement fram and stucco residence.
Owner and Builder—R. F. Galli, 15 28th Avenue.
Architect—Not Given.

Sub-Bids Wanted.
ALTERATIONS, ETC. Cost, $25,0
PALO ALTO, Santa Clara Co., Ca Campus of Stanford University.
Alterations and additions to fraternit house.
Owner——Kappa Sigma Fraternity.
Architect—Leslie I. Nichols, 529 Gr inda St., Palo Alto.
Contractor—H. H. Larsen, 64 Sout Park, San Francisco.

Low Bidder.
ALTERATIONS Cost, $15,0
PALO ALTO, Santa Clara Co., Cali. Campus of Stanford University.
Alterations to sorority house (stuc exterior, plumbing, painting, wi ing, etc.)
Owner—Delta Gamma, 544 Lasuen St Stanford University, Palo Alto.
Architect—Chas. K. Sumner, Decke oak Bldg., Palo Alto.
Low Bidder — Moore & Roberts, 6 Mission St., San Francisco.
All bids held under advisement.

Sub-Contracts Awarded.
RESIDENCE Cost, $80
SALINAS, Monterey Co., Calif.
Two-story and basement frame a stucco residence (8 rooms, 2 bath shake roof, gas hot air heatir system, hardwood floors, tile bath
Owner—Harris Sproles, Salinas.
Architect—Chas. Butner, 51 Maple St Salinas.
Contractor—F. C. Carlsen, 336 Lincol Ave., Salinas.
Plumbing — Anderson & Dogherty Hargis, Salinas.
Electric Wiring—Salinas Elec. Wks Salinas.
Heating and Furnace and Sheet Met Anderson, Dougherty and Hargi Salinas.
Tile Work—Tynan Tile & Roofing Co Salinas.
Steel Sash — Truscon Steel Co., 6 Mission St., San Francisco.
Mantel—Tynan Tile & Roofing Co Salinas.
Glass — Habernicht & Howlett, 5 Clay St., San Francisco.
Lumber—Tynan Lumber Co., Salina
Finish Material—Salinas Planing Mi Salinas.
Grading—Ed Ayer, Salinas.
Brick and Stone Work—Chas. Housie Salinas.

Plans Being Prepared.
RESIDENCE Cost, $—
WOODSIDE, San Mateo Co., Calif.
One - story wood frame residence (rooms and 4 baths) Colonial sty shake roof, oil hot air heating sy tem, wood sash, hardwood floor tile baths, etc.
Owner—Withheld
Architect—J. K. Ballantine, Jr., 1 Harlan St., San Francisco.
Bids will be asked in about thir days.

Contract Awarded.
ALTERATIONS Cost, $30
SAN FRANCISCO. No. 2150 Nor Point Street.
Alterations to frame residence.
Owner — Renato Arico, 2153 Nor Point St., San Francisco.

Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—Fracchia & Trufelli, 1998 21st Ave., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Santa Barbara Road.
Two-story frame and stucco residence (tile roof, oil burning heating system, hardwood floors, etc.)
Owner—Withheld.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 4750 Proctor Avenue.
One-story frame and stucco residence (5 rooms).
Owner—Howard Ballinger.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $9,000
OAKLAND, Alameda Co., Calif. 2741 Durnley Drive.
Two - story and basement frame and stucco residence (9 rooms).
Owner—Delmer J. Frazier, 3522 68th Ave., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Avenue, Berkeley.
Contractor—H. C. Johanson, % architect.

Construction Postponed Indefinitely.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Clayton St. near Seventeenth Street.
One-story and basement frame and stucco residence (8 rooms, 2 baths) tile and composition roofing, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Albert Schroepfer, 681 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (six rooms) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile bath, etc.
Owner—C. H. Chesney.
Architect—E. L. Snyder, 2101 Shattuck Avenue, Berkeley.
Contractor—Ray Towers, 2508 Benvenue, Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (6 rooms and 2 baths) shingle roof wood sash, tile shower, hardwood floors, gas hot air heating system, 2-car garage.
Owner—M. P. Whitney, 154 Brookside Drive, Berkeley.
fornia St., San Francisco.
Contractor—Emil Person, 829 San Luis Road, Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two-story and basement frame and stucco residence (6 rooms, 2 baths) shingle roof, oak plank floors, gas heating system, colored tile baths.
Owner—F. A. Naylor.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Enoch Tranmal, 483 Crescent St., Oakland.

Plans Completed.
RESIDENCE Cost, $—
SAN MATEO, San Mateo Co., Calif San Mateo Terrace (Portola Dr.)
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Sub-bids will be taken in about one week.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
SAN FRANCISCO, W 21st Ave. 50 S Quintara Street.
One-story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Construction Started.
RESIDENCE Cost, $4,000
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (5 rooms) composition shingle roof, gas heating system, wood sash, hardwood floors.
Owner—L. R. Schlageter.
Architect—Ray Keefer, 770 Wesley St. Oakland.
Contractor—James Bitcon, 628 Louisiana St., Vallejo.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. Clemens Road.
One and one-half-story frame and stucco residence (6 rooms) shingle roof, gas hot air heating system, tile bath, hardwood floors, wood sash, etc.
Owner—L. L. Davis, 2904 9th Avenue, Oakland.
Plans by W. W. Dixon, 1844 Fifth Ave. Oakland.
Contractor—Dixon & Roth, 1844 5th Ave., Oakland.

15— SCHOOLS

AWARD APPROVED
PASADENA, Calif.—PWA approved contract between Pasadena board of education and John H. Simpson, 542 South Raymond Ave., Pasadena, for reconstructing and repairing the McKinley elementary school. Contract price is $33,420. Walter C. Folland, 15 S. Fair Oaks Ave., Pasadena, architect.

BIDS WANTED
LOS ANGELES, Cal.—Until July 2, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St. for the reconstruction, rehabilitation and strengthening of the two-story, 8-room Class D brick annex building at the Manchester Avenue school, 8608 S. Hoover St. Arlos R. Sedgley, 910 N. Serrano Ave., architect; Holmes & Narver, Inc., 639 S. Spring Street, structural engineer. Cost, $30,580.

Preparing Working Drawings.
SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (10 classrooms and auditorium to seat 500).
Owner——San Rafael School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked within a few weeks.
Bonds in the amount of $50,000 were recently voted by the school district.

CONTRACT AWARDED
LOS ANGELES, Cal. W. W. Pelley and C. Matcham, 205 Mill Fraser Bldg., Santa Monica, awarded contract by Los Angeles board of education at $148,436 for new buildings "A", "B" and "C" to be built at the Miles Avenue school, located on the east side of Miles Ave., between Saturn and Zoe Avennes, Huntington Park Ralph C. Flewelling, 614 Architects' Bldg., Los Angeles, architect.

CONTRACT AWARDED
LOS ANGELES, Calif. — Richards-Neustadt Const. Co., 5500 S. Boyle Ave., awarded contract by Los Angeles board of education at $34,026, for reconstruction, strengthening and reconstruction of building No. 2 at the Hammel Street school. Lyle Nelson Barcume, 5369 Wilshire Blvd., architect, and C. G. DeSwarte, structural engineer.

Plans Awaiting PWA Approval.
HIGH SCHOOL Cost $39,200
COVELO, Mendocino Co., Calif.
One-story frame and stucco academic building and 2-story frame gymnasium.
Owner—Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been approved by State Division of Architecture, Sacramento, and upon approval by the PWA bids will be asked.

BIDS WANTED
TUCSON, Ariz.—Until June 20, 2 P. M., bids will be received by the University of Arizona for the construction of a museum building and a humanities (classroom) building on the college campus in Tucson, a PWA project. Proposals may be submitted on either or both buildings, the basis of award to be on the lowest combination. Plans and specifications may be obtained at the office of Architect Roy Place, 11 E. Pennington St., Tucson, upon deposit of $10 for each set of plans and $10 for each set of specifications. Certified check for 5% must accompany each bid. The museum will be a two-story and basement, fireproof structure, 75x140 feet in area; concrete and steel construction, brick facing, terra cotta trim, tile roof, steel windows, wrought iron, acoustical treatment, steam heat, etc. The humanities building will be a two-story structure, 60x175 feet in area, with the same exterior treatment as the museum. Other buildings to be erected on the site include a women's athletic and recreation home and an administration building, bids for which will probably be advertised in July, and a science building, auditorium and stables to be built later. Cost of the entire program is estimated at $815,000. Mr. Place is architect for all of the buildings except the university farm structures, which are being designed by Architect Henry O. Jaastad, 103 Miltonberg St., Tucson.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. & B. Construction Co., 5572 Valley Blvd., was awarded contract by the Los Angeles board of education at $40,629, for the reconstruction, strengthening and rehabilitation of the three-story Class D brick building at the Malabar Street school, 3200 Malabar Street. Frederic Scholer, 811 W 7th St., architect, and Ernest Seiler, 112 N. Main St., structural engineer.

BIDS WANTED
LOS ANGELES, Calif.—Until June 28, 11:30 A. M., bids will be received by Los Angeles board of education

purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the two-story Class D brick library building at the Hollywood high school, 1521 N. Highland Avenue. Marsh, Smith and Powell, 516 Architects' Bldg., architect. Cost, $46,263.

BIDS OPENED

SAN FRANCISCO—M. J. King, 2343 Bay St., at $2,044 submitted low bid to Department of Public Works for plastering the Excelsior School, Excelsior Ave. between London and Paris Streets.

Complete bids follow:

M. J. King	$2,044
James F. Smith	2,373
A. W. Cordes	2,390
A. Knowles	2,650
James Patt	3,085
Leonard Bosch	3,118

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until June 19, 1:45 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for rewinding Westinghouse type C.L.L.—5-hp., 2-phase, 1700-rpm motor, including removal and replacement, located on pump in boiler room of Laguna Honda School Seventh Ave. between Irving and Judah Streets.

Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

CONTRACT AWARDED

LOS ANGELES, Cal.—Monolith Construction Co., 1698½ Cordova Street, awarded contract by the Los Angeles board of education at $95,444 for the construction of two 1-story frame and stucco school buildings at the South Park school, 455 East Manchester Avenue. Edwin Bergstrom, 1129 Citizens' National Bank Bldg., architect.

PREPARING PLANS

LOS ANGELES, Calif. — Architects Allison & Allison, 1014 Edison Bldg. Los Angeles, are preparing preliminary plans for a new administration building to be built on the campus of the University of California at Los Angeles. The building will be a two-story, Class A structure, of steel or reinforced concrete construction, and will conform in design to the existing buildings at the university. Cost, $200,000.

BOND ELECTION POSTPONED

TRUCKEE, Nevada Co., Cal.—Truckee School District has postponed the bond election scheduled to have been held on June 7 in the amount of $22,000, proceeds to finance construction of a new grammar school in Truckee. Postponement was due to error in posting of the notice. New date will be set shortly.

Preliminary plans have been prepared by Architects Masten & Hurd, 233 Post St., San Francisco. Application has been filed with the PWA for a grant of $9000.

SEEK FEDERAL AID

LINDEN, San Joaquin Co., Cal.—Linden Union High School District will file an application with the PWA for loan and grant to assist financing of a new gymnasium and auditorium at Linden. A bond election is being held on June 18 in the amount of $16,000.

Preliminary plans prepared by Architect Glenn Allen, 412 E. Miner Ave., Stockton.

BIDS OPENED

SAN FRANCISCO—D. J. and T Sullivan, 1940 Folsom St., at $489 submitted low bid to Department of Public Works for moving three portable school buildings from the Rincon School site on Stillman Street, bet. 2nd and 3rd Sts. to a school lot on the north side of Hayes St., between Clayton and Ashbury Sts. Complete bids follow:

D. J. & T. Sullivan	$489.00
Hanson Bros.	492.50
Pearson & Johnson	770.00

Bids held under advisement.

BOND ELECTION

HICKMAN, Stanislaus Co., Cal.—Hickman Grammar School District will vote on July 2 on a proposal to issue bonds in the amount of $6000, proceeds to finance construction of an auditorium to seat 250, alterations and additions to school building, replace some furniture, etc., at the Hickman Grammar School.

Trustees of the district are W. A. Merriam, Ernest T. Farrell and W. K. Appling.

CONTRACT AWARDED

LONG BEACH, Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, awarded contract by the Los Angeles board of education at $65,349, for reconstruction, rehabilitation and strengthening of the main building (1919-24 portion) at the Point Firmin school, San Pedro. Paul J. Duncan, architect; S. B. Barnes, engineer.

Sub-Contracts Awarded.

RECONST. SCHOOLS Cost, $51,997
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings at the Sequoia Union High School (work involves structural steel, concrete, wood framing and gunite work).
Owner — Sequoia Union High School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Plastering—M. J. King, 2343 Bay St., San Francisco.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Structural Steel—Western Iron Works, 141 Beale St., San Francisco.
Blackboards—Fred Turner, 557 Market St., San Francisco.
Other awards will be made shortly.

Low Bidders.

SCHOOL Cost, $53,000
ARROYO GRANDE, San Luis Obispo County, Calif.
One-story frame and stucco grammar school (8 classrooms) terra cotta tile roof, reversible windows, hot air heating system, drinking fountains, etc.
Owner — Arroyo Grande Elementary School District.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder—F. C. Stolte, 3449 Laguna Ave., Oakland, $47,700.
Second low bid was submitted by John W. Flanagan, Los Angeles, at $47,900.
Recommendation has been made to award contract to F. C. Stolte.

CONTRACT AWARDED

MARTINEZ, Contra Costa Co., Cal.—Hersey Electric Co., 322 Main St., Martinez, at $2570.05 awarded contract by Martinez Elementary School District for electrical work on Building No. 2 of the Martinez Elementary School. Only other bids was submitted by Scott Buttner Co., Oakland.

BIDS REJECTED

LOS ANGELES, Cal.—Los Angeles board of education rejected all bids received May 24 for two one-story frame and stucco school buildings to be built at the Santa Barbara Ave. school, 3990 S. Western Ave. Walker & Eisen, 437 S. Hill St., architects.

CONTRACT AWARDED

GARDENA, Los Angeles Co., Cal.—Byerts & Dunn, 1131 N Orange Grove Ave., awarded contract by Los Angeles board of education at $99,800 (proposal No. 2) for reconstruction, rehabilitation and strengthening of the administration and home economics buildings at the Gardena high school, Normandie Ave. and Gardena Blvd., Gardena. Farrell & Miller, 731 North Marguerita Ave., Alhambra, architects, and Blaine Noice, 5436 Carlton Way, structural engineer.

June 12, 1935

Contracts Awarded.

SCHOOL Cost, $35,000
GRIDLEY, Butte Co., Calif.
Roofing and sheet metal for replacing McKinley Primary School with 1-story frame and stucco building (8 rooms) concrete slab floor, aluminum foil insulation, steam heating plant.
Owner—Gridley School District.
Architect—George Sellon, California State Life Bldg., Sacramento.
Sheet Metal—W. H. Meyer, Gridley, $1,200.
Roofing—Bush Roofing Co., 1912 K St., Sacramento, $1,099.
Complete bids follow:

Sheet Metal

W. H. Meyer, Gridley	$1,200
F. W. Hignell, Chico	1,259
Sacramento Roofing and Insulation Co., Sacramento	1,293

Roofing

Bush Roofing Co., Sacramento	$1,099
F. W. Hignell, Chico	1,259
Sacramento Roofing and Insulation Co., Sacramento	1,293

(4286) 1st report April 17; 14th, May 29, 1935.

June 12, 1935

Bids Opened.

SCHOOL Cost, $——
TAHOE CITY, Placer Co., Calif.
One-story wood frame grammar school (three classrooms, assembly and kitchen) shingle roof, wood floors.
Owner—Tahoe City Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Low Bidder—W. C. Keating, Forum Bldg., Sacramento.
Complete bids follow:

(1) deduct for omitting certain portions of the work.		
W. C. Keating, Sacramento	$18,650	
	(1)	4,355
Chas. Unger, Sacramento	18,795	
	(1)	4,330
H. W. Robertson, Sacto.	19,958	
	(1)	5,142
C. H. Lawrence, Sacramento.	20,188	
	(1)	3,891
N. R. Mayfield, Tahoe City	20,987	
	(1)	4,562

Bids held under advisement.

CONTRACT AWARDED

KLAMATH COUNTY, Ore.—Harold Blake, 400 N. Thompson, Portland, at $88,461.50 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, June 6, for 4.91 miles of grading on the Klamath Falls-Midland Section of the Klamath Falls-Weed Highway, U. S. P. W. Project NRH 205-C.

Complete bids follow:

Harold Blake, Portland	$ 88,461.50
Joplin & Eldon, Portland	92,108.00
Dunn and Baker, Klamath Falls	105,997.00

Parker - Schram Co., Portland	111,576.50
Kern & Kibbe, Portland	113,836.00
Morrison-Kundsen Co. Boise	116,989.50
Guthrie McDougall Co. Portland	117,420.00
P. L. Crooks & Co., Portland	118,993.00
J. A. Lyons, Portland	125,643.00
McNutt Bros., Eugene	127,479.00
Malcom & Bell, Portland	135,232.00
C. L. Gates, Oakridge	144,648.00
N. M. Ball and Larson Bros., Berkeley	148,745.50
J. I. Stehbins, Klamath Falls	154,500.80

CONTRACT AWARDED

BURLINGAME, San Mateo Co., Cal.—J. Looman, 125 Park Road, Burlingame, at $6395 including alternates 2 and 3 awarded contract by San Mateo Union High School District for repairs to the girls' shower and locker rooms at the Burlingame High School. Complete bids follow:

(1) deduct; (2) add; (3) add.

J. Looman, Burlingame	$5773
(1)	96
(2)	302
(3)	302
Bessett Bldg. Co., Burlingame	$5975
(1)	135
(2)	287
(3)	285
A. H. Vogt, S. F.	$6870
(1)	215
(2)	290

Lumber and Mill Work Contracts Awarded.

SCHOOL Cost, $——

LOWER LAKE, Lake Co., Cal.

One-story brick grammar school bldg. (three classrooms) tar and gravel floor, hot air heating system, Oregon pine floors, plaster interior.

Owner—Lower Lake Grammar School District.

Architect—John I. Easterly, 302 Grant St., Healdsburg.

Lumber and Mill Work—A. M. Akins, Lower Lake.

Plans Approved.

SCHOOL Cost, $45,000

WARM SPRINGS, Alameda Co., Cal.

One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.

Owner—Warm Springs Grammar School District.

Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Bids will be asked shortly.

Bids Wanted—To Close June 20, 1:15 P. M.

SCHOOL Cost, $——

PITTSBURG, Contra Costa Co., Cal.

One-story classroom and store room at High School.

Owner——Pittsburg High School Dist.

Architect — Louis Stone, 785 Market St., San Francisco.

Engineer—R. H. Cooley, 354 Hobart St., Oakland.

Plans and specifications may be obtained from the architect upon deposit of $25.

BOND ELECTION

RIPON, San Joaquin Co. Cal—Ripon School District will vote June 18 on a proposal to issue bonds in the amount of $28,000, proceeds to finance construction of a one-story frame shop building and one-story frame gymnasium and auditorium. Preliminary plans have been prepared by Architect W. H. Weeks, 525 Market St., San Francisco.

Plans Being Prepared.

ALTERATIONS Cost, $100,000

BERKELEY, Alameda Co., Cal. Allston Way and Grove Street.

Alterations to gymnasium, etc., at Berkeley High School.

Owner—Berkeley School District.

Architect—John Reid, 405 Montgomery St., San Francisco.

Plans Being Prepared.

ALTERATIONS Cost, $59,500

BERKELEY, Alameda Co., Cal. Le Roy and Buena Vista Way.

Alterations to Hillside School.

Owner—Berkeley School District.

Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.

Plans Being Completed.

ALTERATIONS Cost, $120,000

BERKELEY, Alameda Co., Cal. No. 1775 Rose Street.

Alterations to Garfield School.

Owner—Berkeley School District.

Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.

Plans will be completed about July 1st.

CONTRACT AWARDED

LOS ANGELES, Cal.—C. H. Fischer, 2405 W 80th St., Inglewood, awarded contract at $29,096 by Los Angeles board of education for erection of a new 1-story, frame and stucco school building at the Micheltorena Street school, 1511 Micheltorena St. PWA has approved the project. J. R. Harris architect, 6715 Hollywood Blvd., and C. J. Derrick, structural engineer, Architects' Bldg.

LOW BIDDER

LOS ANGELES, Cal.—Lovrich and Konejevod, 606 N. Kings Road, submitted low bid to the Los Angeles board of education at $111,900, for two-story, 22-room, Class A reinforced concrete administration building to be built at the LaFayette junior high school, 1240 Naomi Ave. John and Donald B. Parkinson, 808 Title Insurance Bldg., architect.

CONTRACT AWARDED

LONG BEACH, Calif. — Trewhitt-Shields Co., 1501 Pacific Southwest Bldg., Fresno awarded contract by the Long Beach board of education at $32-361, for construction of the Los Cerritos school. O. E. Ross, 1850 Pacific Ave., Long Beach, awarded plumbing and heating at $3474, and Coast Electric Co., 2350 Cedar Ave., Long Beach the electric wiring at $3000. H. Alfred Anderson, 30 Pine Ave., Long Beach, architect.

LOW BIDDERS

HERMOSA BEACH, Los Angeles Co., Cal.—T. P. Schultz, 911 N Chester Ave., Compton, submitted low general bid to Board of Public Building Reconstruction at $40,000 for the construction of an auditorium building at the Pier Avenue school in Hermosa Beach. Other low bids were: Charley Warner, 1310 N. Tamarind, Compton, on plumbing at $1848 (use of alternates would change the standing of the low normal bidder on plumbing); J. Herman Co., 1349 E Vernon Ave., Los Angeles, on ventilating at $2750; Coast Electric Co., 2350 Cedar Ave., Long Beach, electric wiring at $4444. Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, architect, and Paul Jeffers, Architects' Bldg., Los Angeles, structural engineer.

COMPLETING PLANS

FLAGSTAFF, Arizona. — Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, are completing working drawings for a combination residence structure to be erected on the Arizona State Teachers' College campus in Flagstaff, a PWA project. Plans will probably be ready for bids by the end of June. The building will be a two-story, U-shaped structure, 220x113 ft. in area, containing a dining hall, cafeteria, sleeping rooms and a four-bed hospital ward. It will be a fireproof structure with sandstone facing and asbestos shingle roof. Cost including equipment, will total about $160,000. Lescher & Mahoney, will also prepare plans for remodeling the training school building on the college site.

LOW BIDDER

LOS ANGELES, Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach, submitted low bid to Los Angeles board of education at $38,519 for the reconstruction, rehabilitation and strengthening of the 1924 portion of the main building at the Fifty-ninth St. school, 5925 2nd Ave. S. Chas. Lee, 2404 W 7th St., architect, and Grant & Bruner, 607 Ferguson Bldg., structural engineer.

BIDS WANTED

LOS ANGELES, Cal.—Until June 27, 11:30 A. M., bids will be received by Los Angeles board of education purchasing Bureau, 1425 S. San Pedro St., for reconstructon strengthening and rehabilitation of the north building at the Sheridan Street school, 2322 East Sheridan St. E. L. Bruner, architect; Grant & Bruner, structural engineers. Cost, $51,453.

Sub-Contracts Awarded.

ALTERATIONS Cost, $12,000

SAN FRANCISCO. SW 26th and Folsom Streets.

Alterations to school building.

Owner — Cogswell Polytechnical College, Premises.

Engineer—H. C. Vensano, 251 Kearny St., San Francisco.

Contractor—H. C. Vensano & Co., 251 Kearny St., San Francisco.

Plumbing and Heating—J. V. Young, 194 Otis Street.

Electric — Abbett Electric Co., 126 Sears Street.

Plastering—Leonard Bosch, 621 Minna Street.

Tile—Art Tile & Mantel Co., 221 Oak Street.

Marble—Vermont Marble Co., 525 Market Street.

Bids are now being received on glass.

Preparing Working Drawings.

RECONST. SCHOOL Cost, $80,000

ALAMEDA, Alameda Co., Calif. 2915 Central Avenue.

Reconstruct Lincoln School.

Owner—Alameda City School District.

Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.

Architect—H. A. Minton, 525 Market St., San Francisco.

Plans will be completed in about sixty days.

Preparing Working Drawings.

RECONST. SCHOOL Cost, $67,000

ALAMEDA, Alameda Co., Cal. 2230 Alameda Avenue.

Reconstruct Porter School.

Owner—Alameda City School District.

Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.

Architect—H. A. Minton, 525 Market St., San Francisco.

Plans will be completed in about sixty days.

CONTRACT AWARDED

LOS ANGELES, Calif. — Monolith Const. Co., 1698½ Cordova St., awarded contract by Los Angeles board of

education at $42,222 for the reconstruction, rehabilitation and strengthening of the 1927 addition at the Thos. A. Edison junior high school. Walker & Eisen, 708 Pacific Commerce Bldg., architect, and Murray Erick, 811 W. 7th St., structural engineer.

Preparing Working Drawings.
RECONST. SCHOOL Cost, $197,000
ALAMEDA, Alameda Co., Calif. 2130 Central Avenue.
Reconstruction of the high school.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Carl Werner, 1303 Bay St., Alameda.
Plans will be completed in about sixty days.

Preparing Working Drawings.
RECONST. SCHOOL Cost, $77,000
ALAMEDA, Alameda Co., Calif. 1450 Eighth Street.
Reconstruction of Washington School.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Plans will be completed in about sixty days.

Bids Rejected.
SCHOOL Cost, $55,000
MONMOUTH, Ore. Campus of Oregon State Normal School.
One-story health and physical education building (brick exterior walls, mill construction, large pavilion, locker and shower rooms, boxing room, corrective room, hand ball courts, etc.
Owner—State of Oregon.
Architect—John V. Bennes, 712 Lewis Bldg., Portland.
All bids received June 6th rejected. Lowest bid was submitted by Dan J. Malarky, Jr., McKay Bldg., Portland, at $78,000.

Preparing Working Drawings.
RECONST. SCHOOL Cost, $70,000
ALAMEDA, Alameda Co., Calif. 2021 Santa Clara Avenue.
Reconstruction of Haight School.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Andrew T. Hass, 525 Market St., San Francisco.

CONTRACT AWARDED
LOS ANGELES, Cal.—H. A. Nichols 936 E. Slauson Ave., awarded contract by Los Angeles board of education at $40,267 for reconstruction, rehabilitation and strengthening of the three-story 18-room brick annex bldg. (less third story) at the South Park school, 455 E Manchester Ave. Edwin Bergstrom, 1136 Citizens' National Bank Bldg., architect; and Holmes & Narver, 639 S. Spring St., structural engineer.

Plans Being Figured—Bids Close June 24, 8:00 P. M.
SHOP Cost, $8000
KENTFIELD, Marin Co., Cal.
One-story reinforced concrete shop building.
Owner—Marin Junior College District, Kentfield.
Architect — A. A. Cantin, 557 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $5.00.

16— BANKS, STORES AND OFFICES

Preparing Preliminary Plans.
STORES & OFFICES Cost, $——
NEVADA CITY, Nevada Co., Calif. Pine and Spring Streets.
Two-story store and office building (3 stores and 15 offices); air conditioning system, etc.
Owner—Chas. M. Brown and W. R. Roddy, Nevada City.
Architect — Chas. F. Dean, California State Life Bldg., Sacramento.

Low Bidder.
ALTERATIONS Cost, $40,000
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed; new store fronts, new floors, plaster walls, wiring plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Low Bidder—W. M. Caldwell, 1241 Hedding St., San Jose.

To Be Done By Day's Work.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 2592 Mission St.
Alterations to stores.
Owner—New Mission Market, 2584 Mission Street.
Architect—Not Given.

To Ask Bids Immediately.
STORE & APTS. Cost, $——
TURLOCK, Stanislaus Co., Calif.
Two-story reinforced concrete store and apartment bldg. (40x100 feet) composition and part tile roof, concrete floors in store, hardwood floors in apartments, hot air heating system, air conditioning system, etc.
Owner—Andy Thorsen.
Architect—G. N. Hiburn, 1213 I St., Modesto.
Bids will be asked from a selected list of contractors.

Planned.
ALTERATIONS Cost, $20,000
FRESNO, Fresno Co., Cal. Fulton St., bet. Fresno and Merced Sts.
Alterations to Brix Building (work involves new steam heating plant, refrigeration system, electrical improvements, two motor generator sets for elevators, etc.)
Owner—Brix Estate Co., Brix Building, Fresno.
Architect—Not Given.
Further details will be announced shortly.

To Be Done By Day's Work.
STORE Cost, $2000
SAN FRANCISCO. SW Forty-sixth Ave. and Judah St.
One-story frame store building.
Owner—Frank Mortorana, 1558 Grove St., San Francisco.
Architect—Not Given.

TO ASK BIDS
FRESNO, Cal. — Capital Co., 625 Market St., San Francisco, will ask bids on exterior and interior painting, and steam cleaning of the exterior of the Mattei Building, Fulton and Fresno Streets, Fresno, Monday June 10.

Contract Awarded.
ALTERATIONS, ETC. Cost, $40,000
SAN FRANCISCO. NE Eddy and Jones Streets.
Alterations, additions and renovation of present dance pavilion (work involves new maple floor, cafe, bar ventilating system, alter plumbing, roofing, stairs, steel sash, concrete composition and maple flooring, plastering, painting decorating, tile work, electric wiring and fixtures, excavation sandblasting, sheet metal, masonry, mill work, cast cement etc.)
Owner——Frank De Patta, % Contractor.
Architect — Douglas Stone, 110 Sutter St., San Francisco.
Contractor——Fred DuPuy, 110 Sutter St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $200
OAKLAND, Alameda Co., Cal. NE 12th and Washington Sts.
Alterations to building.
Owner—Selah Chamberlain.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Contractor—Peter Bradley, 639 Brannan St., San Francisco.

Plans Being Completed.
ALTERATIONS Cost, $30,00
SAN FRANCISCO. Powell St. near Sutter Street.
Alterations to building for waffle shop cocktail lounge, coffee shop, etc (work involves new front, plumbing, electrical work, painting, decorating, restaurant equipment etc.)
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams and C. M Grimes, 251 Post St., S. F.
Bids will be asked within one week

Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 955 Market Street.
Alterations to Hewes Bldg. (work involves plastering in lobbies, al terrazzo floors, etc.)
Owner—California Western State Life Insurance Co., % Architect.
Architect—Hertzka & Knowles (W. S. Hertzka, Architect), 982 Bryant.
Elevator—Otis Elevator Co., 1 Beach St., $9665.
Plastering—George MacGruer, 266 Tehama Street.
Terrazzo Re-finishing—California Terrazzo Co., 2085 San Bruno Ave.
Lintile Floors (in main lobby only)—Van Freear Co., 557 Howard St.

BIDS OPENED
OAKLAND, Calif. — Columbia Steel Co., Russ Bldg., San Francisco, at $2 294.50 submitted low bid to Oakland City Council for structural steel frame over arena area of the auditorium, including furnishing and fabricating new steel wire ropes and connection fixtures required for strengthening the building.
Complete bids follow:
Columbia Steel Co., S. F... $2,294.5
John A. Roeblings Sons, S. F. 2,333.0
Gilson Elec. Supply Co., Oakland 2,350.0
Bids held under advisement.

PLANNED
SANTA FE SPRINGS, Los Angeles Co., Cal.—Ralph M. Parsons Co.; Ra Russell, chief engineer, 4800 Santa F Ave., Vernon, will manage the construction of an administration building and a machine shop at Santa F Springs for the Wilshire Oil Co. Th buildings are part of a general improvement program, which includ the construction of a $2,000,000 refinery. Pouring of the foundations is start immediately.

Contract Awarded.
ALTERATIONS Cost, $3,0
SAN FRANCISCO. SW McCoppin Stevenson Streets.
Alterations to gymnasium.
Owner—Slavation Army, 115 Valenci
Engineer—J. M. Smith, 251 Kearny

Contractor—Lindgren and Swinerton, 225 Bush Street.

Contracts Awarded.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and K Streets.
Three-story, basement and mezzanine floor store bldg. (structural steel frame, brick exterior walls, wood floors, wood roof, etc.)
Owner—Withheld.
Lessee—Montgomery Ward Company.
Plans by E. R. Howe, Architect, Chicago.
Associate Architect—Benjamin J. McDougall, 353 Sacramento Street, San Francisco, and 2924 Claremont Ave., Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Electrical—George Foss, 1720 8th St., Sacramento
Heating and Ventilating—Hately and Hately, 1714 10th St., Sacramento.
K. E. Parker Company has awarded the structural steel contract to the Golden Gate Iron Works, 1541 Howard St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 33 Kearny St.
Alterations and additions to store building.
Owner—Irving Weinstein, Premisea.
Architect Geo. deColmesnil, 111 Sutter St., San Francisco.
Contractor—L. & E. Emanuel, 2655 Jones St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $7,500
SAN FRANCISCO. Geary, Kearny & Market Streets.
Alterations to restaurant.
Owner—Stag Corp., 3 Kearny Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.
Plumbing—J. Irving & Co., 1121 Mission Street.
Electric—Twin Peaks Elec. Co., 1121 Mission Street.

Contract Awarded.
REPAIR STORES Cost, $1500
SAN FRANCISCO. No. 3354-64 Mission Street.
Repair fire damage to stores.
Owner—Victoria Mariani, 3364 Mission St., San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Plans Being Prepared.
RESTAURANT Cost, $4,000
SAN FRANCISCO. Foot of Taylor St. (Fisherman's Wharf).
One-story frame restaurant (white cement exterior, tile roof, oak plank floor, etc.)
Owner—Withheld.
Architect—Harry W. Abrahams, 461 Market St.

Plans Being Prepared.
BANK & STORES Cost, $——
NAPA, Napa Co., Calif. Second and Brown Streets.
One-story concrete store building and alterations and additions to bank building (two entrances; new bank fixtures, marble and bronze; marble floors, new show windows, new steam heating system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of the Capital Co., 625 Market Street, San Francisco.
Present building will be razed.

Sub-Bids Wanted:
ALTERATIONS Cost, $15,000
SAN RAFAEL, Marin Co., Calif., 4th and E Streets.
Alterations to office building.
Owner—Pacific Gas & Electric Co
Plans by Engineering Dept. of Owner.
Contractor—Hannah and Wooldridge, 268 Market St., San Francisco.
Sub-bids are wanted on all portions of the work.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $66,600
SACRAMENTO, Sacramento Co., Cal. K and Tenth Streets.
Alterations to store building.
Owner—Joseph Cronan.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor—Azevedo Const. Co., 520 O St., Sacramento.
Roofing—Bush Roofing Co., 1912 K St., Sacramento.
Plumbing—Leonard Plummer, 1019 J St., Sacramento.
Electric Wiring—Frank Merwin, 2623 Donner St., Sacramento.
Heating—Luppen & Hawley, 3126 J St., Sacramento.
Sheet Metal—M. R. Carpenter, 1820 I St., Sacramento.
Tile Work—Clervi Marble Co., 221 Bayshore Blvd., San Francisco.
Steel Sash—Truscon Steel Co., 604 Mission St., San Francisco.
Reinf. Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Structural Steel—Palm Iron Works, S and 15th Sts., Sacramento.
Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.
Lumber—Mapes Lumber Co., 2430 Rio Linda Blvd., Sacramento.
Painting—D. Zelinsky, 165 Grove St., San Francisco.
Finish Material—National Mill & Lbr. Co., 230 California St., San Francisco.
Terrazzo—H. P. Fischer Tile & Marble Co., 1219 J St., Sacramento.
Ornamental Iron—Palm Iron Works, S and 15th Sts., Sacramento.

17— THEATRES

Planned.
THEATRE Cost, $——
TRUCKEE, Nevada Co., Calif.
Two-story theatre building (36x76-ft.) apartment above.
Owner—V. S. Shattuck, Truckee.
Architect—Not Given.
Further details will be announced shortly.

To Ask Bids In About One Week.
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO. No. 1329 Fillmore Street.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co. (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market St., San Francisco.

18—WHARVES & DOCKS

Sub-Contracts Awarded.
EXTEND DOCK Cont. Price, $169,770
OAKLAND, Alameda Co., Cal. Outer Harbor.
300-foot extension to dock (creosoted apron, concrete bulkhead wall along front and rear, two shipside railroad tracks, two depressed tracks along rear of retaining wall asphalt surfacing, etc.)
Owner—City of Oakland (Port Commission.)
Architect—Not Given.
Contractor—A. W. Kitchen & Co., 110 Market St., San Francisco.
Readymix Concrete—Transit Concrete Co., 2600 Peralta St., Oakland.
Pipe Work—Pacific Pipe Co., 26th and Cypress Sts., Oakland
Eucalyptus Piling—F. B. Hansen, 6739 Manor Crest, Oakland.
Sprinkler System—Grinnell Co. of the Pacific, 5th and Brannan Streets, San Francisco.

CONTRACTS AWARDED
ALCATRAZ, Cal.—Warden, U. S. Penitentiary, Alcatraz, awarded the following contracts for repairs to the wharf, furnishing and placing rip-rap and aggregate at Alcatraz:
(1) dredging to wharf include pile driving, Duncanson Harrelson Co., de Young Bldg., San Francisco, $1832.
(2) furnishing and placing 300 pieces of rip-rap, Hutchinson Co., 329 17th St., Oakland, $1050.
(3) furnishing 200 tons fire aggregate, Hutchinson Co., $290.
(4) do 200 tons coarse aggregate, Hutchinson Co., $290.

19—MISC. CONSTRUCTION

Contract Awarded.
SWIMMING POOL Cost, $2500
HAYWARD, Alameda Co., Cal. Castro Valley.
Reinforced concrete swimming pool (25x45 feet).
Owner—Withheld.
Engineer—J. H. Platt, 2024 University Ave., Berkeley.
Contractor—Frank Stead, 3206 Boise St., Berkeley.

CONTRACT AWARDED
SANTA FE SPRINGS, Los Angeles Co., Cal.—Ralph M. Parsons Co., Mt. Vernon, Ohio, has been awarded the contract by the Wilshire Oil Co. as manager of construction to superintendent the construction of a $2,000,000 plant to replace the existing refinery at Santa Fe Springs. The proposed plant will be a combination skimming and cracking plant and will have a capacity of 12,000 bbls. crude oil per day and 8000 bbls. cracking stock. Concrete pouring on foundations for the plant is to start at once. Ray Russell, Chief Engineer for the contractor, is in charge of operations and maintains an office at 4800 Santa Fe Ave., Vernon. W. D. Smith, of the Wilshire Oil Co., 2455 E 27th Street, Vernon, is in charge of the project.
Southwestern Engineering Co., 4800 Santa Fe Avenue, Vernon, has been awarded a sub-contract for furnishing and installing condensers.
Other contracts awarded by the company are: Worthington Company, pumps; Griscom-Russell Co., miscellaneous equipment; Alcorn Combustion Co., furnace. Contracts for the bubble towers and other fractionating equipment have not been awarded.
Construction of a temporary contractor's office at the site has started. Work will start shortly on an administration building containing offices and laboratory, and a machine shop.

CONTRACT AWARDED
SACRAMENTO, Cal.—American Signal Corp., Milwaukee, Wis., at $119,800 awarded contract by State Department of Public Works for furnishing and installing electrical roll call and page call systems in the Assembly Chamber, California State Capitol, Sacramento.

Plans Being Prepared.
ABATTOIR Cost, $——
DIXON, Solano Co., Calif.
Addition and reconstruction of abattoir (steel frame and reinforced concrete construction, tar and gravel roof, steel sash, concrete floors, etc.)
Owner—C. Bruce Mace, Dixon.

Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Owner will take bids about June 15; construction to start July 1.

BIDS WANTED

SAN FRANCISCO—Until June 17, 9:30 A. M., bids will be received by State Board of Harbor Commissioners, Ferry Bldg., San Francisco, for rebuilding and repairing pile driving barge for the State Harbor Board.

BIDS WANTED

SACRAMENTO, Cal.—Until June 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, I St., between 9th and 10th Sts., for furnishing and installing a complete traffic control signal system at the intersection of Y Street, Land Park Drive and 16th Street.
Specifications obtainable from the above office.

FUNDS ASKED

ARIZONA.—International Boundary Commission has filed request with the Division of Applications and Information for $106,700 appropriation to construct flood control works in the Nogales Wash drainage area.

20—MISC. SUPPLIES AND MATERIALS

June 13, 1935

LOW BIDDERS

SACRAMENTO, Cal.—Following are the low bids received by Lieut. G. W. Tripp, Purchasing and Contracting Officer, Sacramento District CCC June 10, under Bid No. 5911-35-183, for furnishing materials for construction of buildings at various CCC camps:

(A) Camp Reno, BR-37, four miles south of Reno, Nev., and one mile west of Reno-Carson City Highway:
Lumber—Home Lumber Co., 275 Ralston, Reno, $8,930.39.
Millwork—Sierra Mill & Lumber Co., 201 V St., Sacramento, $629.
Hardware—Auburn Lumber Co., Auburn, $826.91.
Roofing—American Fuel & Material Co., 2701 Stockton Blvd., Sacramento, $624.64.
Fibre Board—Bay City Lumber Co., 48th Ave. and E St., Oakland, $1,484.
Plumbing and Sheet Metal—Crane Co. 1227 Front St., Sacramento, $1,854.16.
Electrical Materials—Auburn Lumber Co., $265.15.

(B) Camp Newlands, BR-134, within the city limits of Fallon, Nevada, opposite S. P. pasenger depot:
Lumber—I. H. Kent Co., Fallon, $7,930.20.
Millwork—Sierra Mill & Lumber Co., $638.02.
Hardware—Auburn Lumber Co., Auburn, $949.89.
Roofing—Lyon Darwin Hardware Co., 2905 35th St., Sacramento, $696.96.
Fibre Board—Western Asbestos Co., 675 Townsend St., Francisco, $1,484.
Plumbing and Sheet Metal—Crane Co. $1,861.76.
Electrical Materials—C. H. Carter Co., 1817 8th St., Sacramento, $265.64.
Cement—I. H. Kent Co., $179.22.

(C) Camp English Hill, SCS-5, eight miles north of Vacaville, toward Winters:
Lumber—Bay City Lumber Co., $8,786.10.
Millwork—Sierra Mill & Lumber Co., 618.54.
Hardware—Diamond Match Co., Chico $782.
Roofing—American Fuel & Material Co., 2701 Stockton Blvd., Sacramento, $576.
Fibre Board—Western Asbestos Co., $1,484.
Plumbing and Sheet Metal—Dallman Supply Co., 8th and R Sts., Sacramento, $1,714.96.
Electrical Materials—C. H. Carter Co., $268.58.
Cement—Diamond Match Co., Chico, $142.33.

(D) Camp Lovelock, RB-36, within
(D) Camp Lovelock, BR-36, within on Federal Highway 40 at the junction of Creamery Lane and Amherst St., opposite S.P.R.R. tracks:
Lumber—Pitt Mill & Electrical Co., Lovelock, $9,090.53.
Millwork—Sierra Mill & Lumber Co., $646.00.
Hardware—Auburn Lumber Co., Auburn, $949.89.
Roofing—Lyon Darwin Hardware Co., $696.96.
Fibre Board—Western Asbestos Co., $1,484.
Plumbing and Sheet Metal—Dallman Supply Co., 8th and R Sts., Sacramento, $1,859.94.
Electrical Materials—C. H. Carter Co., $265.64.
Cement—Pitt Mill & Elec. Co., $184.68.

(E) Camp Tahoe, BR-21, ½ mile from Tahoe City (opposite dam on the Truckee River):
Lumber—Bay City Lumber Co., $9,884.48.
Millwork—Sierra Mill & Lumber Co., $629.06.
Hardware—Auburn Lumber Co., Auburn, $826.91.
Roofing—Lyon Darwin Hardware Co., $696.96.
Fibre Board—Western Asbestos Co., $1,484.
Plumbing and Sheet Metal—Crane Co. $1,732.65.
Electrical Materials—Auburn Lumber Co., $265.51.
Cement—Auburn Lumber Co., $203.30.

(F) Camp Walker River, BR-52, on Topaz Lake, 12 miles north of Coleville, Calif., on Carson City-Minden-Coleville Highway. Campsite 2 miles from highway on eastern shore of Topaz Lake:
Lumber—Clover Valley Lumber Co., Loyalton, Calif., $12,788.
Millwork—Sierra Mill & Lumber Co., $638.92.
Hardware—Auburn Lumber Co., Auburn, $949.89.
Roofing—Lyon Darwin Hardware Co., $696.96.
Fibre Board—Western Asbestos Co., $1,484.
Plumbing and Sheet Metal—Dallman Supply Co., 8th and R Sts., Sacramento, $1,866.
Electrical Materials—Auburn Lumber Co., $271.25.

(G) Camp BR-46, in the city limits of Fallon, Nevada, opposite the State Fair Grounds on the main highway to Fernley:
Lumber—I. H. Kent Co., $7,930.20.
Millwork—I. H. Kent Co., $1,310.
Hardware—Auburn Lumber Co., Auburn, $949.89.
Roofing—H. Cowell Lime & Cement Co., 509 I St., Sacramento, $969.96
Fibre Board—Western Asbestos Co., $1,484.
Plumbing and Sheet Metal—Crane Co. $1,861.76.
Electrical Materials—C. H. Carter Co., $265.64.
Cement—I. H. Kent Co., $179.22.

CONTRACT AWARDED

BONNEVILLE, Ore. — Pacific Portland Cement Co., 111 Sutter St., San Francisco, at a total of $916,522 was awarded contract by the U. S. Engineer Office, Portland, for furnishing 560,000 barrels of Portland puzzolan cement in bulk ($1.6198 per bbl.) and for 5,000 barrels of Portland puzzolan cement in paper sacks $1.8868 per bbl.) for the construction of the main spillway dam and appurtenant structures of the Bonneville Power & Navigation Project.

CONTRACT AWARDED

GRAND COULEE DAM, Washington—Shell Oil Co. has been awarded a contract for furnishing 80,000 gals. of asphalt, f.o.b. Martinez, at $12.50 per ton, for the Grand Coulee Dam.

BIDS OPENED

SANTA FE, New Mexico.—Identical low bids at $3,641.93 were submitted by Dunham, Carrigan & Hayden, Division and Kansas Sts., San Francisco and Keystone Steel & Wire Co., 1404 Franklin St., Oakland, to the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing fence materials for the Bandelier National Monument, including:
(1) 3476 galv. steel line posts, 6-feet long;
(2) 684 galv. steel line strain posts, 6-feet long;
(3) 2 galv. steel end posts, 8-ft. long;
(4) 1 galv. steel corner post, 8-ft. long;
(5) 7 galv. steel single gates, 42-in. x 3-ft. tubular frame;
(6) 20 galv. steel gate posts to fit the above gates, 7½-ft. long;
(8) 2 galv. steel gate posts to fit the above gates, one 8- and one 10-ft. long;
(9) 210 spools (80 rods each) galv. barbed wire, 2 point, 12½ gauge wire.

Complete bids follow:
Dunham, Carrigan & Hayden, San Francisco, $3,641.93; shipping weight, 74,815 pounds.
Keystone Steel & Wire Co., Oakland, $3,641.93; weight, 74,815 lbs.
San Jose Hardware Co., San Jose, $4,349.68; weight, 75,795 lbs.; delivery in 10 days.
Baker, Hamilton & Pacific Co., San Francisco, $4,438.24; wt., 88,275 lbs.; delivery in 7 days.
Ducommun Corp., San Francisco, $4,438.53; weight, 88,275 lbs.; delivery in 5 to 7 days.
Columbia Steel Corp., San Francisco, $4,438.53; weight 88,275 lbs.; delivery in 7 days.
American Chain Co., Bridgeport, Conn., $4,438.53; weight, 88,275 lbs.; delivery in 7 days.
J. Korber & Co., Albuquerque, N. M., $5,346.31; weight, 105,826 pounds; delivery in 10 days.
Morrison - Dunnegan - Ryan Co., El Paso, Texas, $5,346.31; weight, 105,826 lbs.; delivery in 16 days.
Santa Fe Builders Supply Co., Santa Fe, N. M., $5,346.31; weight 105,826 lbs.; delivery in 7 to 10 days, from mill.
All bids fob Santa Fe with a 2% 10 days discount.
Bids held under advisement.

June 13, 1935

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Mercer-Fraser Co., Second and Commercial Sts., Eureka, at $1.55 per cu. yd., submitted low bid and awarded contract by the Humboldt County Board of Supervisors, Eureka, June 11, for furnishing and delivering 1500 or more cu. yds. of river run gravel on the new road between Ralph and Government Life Saving Station in Road District No.4. Complete bids follow:
Mercer-Fraser Co., Eureka $1.55
Kjer Bros., Arcata 1.80
Walter Selvage, Eureka 2.40
2[illegible]

CONTRACT AWARDED

FALLON, Nevada—I. H. Kent Co., Fallon, Nevada, at $939.71 submitted low bid and awarded contract by the Churchill County Board of County

Commissioners, Fallon, June 10, for furnishing one assorted carload of butt treated Class C Cedar poles.

Complete bids follow:

I. H. Kent Co., Fallon	$ 939.71
General Electric Supply Corp. San Francisco	945.50
Consolidated Warehouse Co., Fallon	971.10
Graybar Elec. Co., S. F.	997.55
Joslyn Co., of Calif., S. F.	1002.00
McCormick Supply Co., Inc., San Francisco	1015.75

June 14, 1935

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, room 740, 207 S. Broadway, June 3, for furnishing and delivering copper service connection tubing, fob the department's warehouse, 410 Ducommun St., under Spec. No. 1688, as follows:

(1) approx. 2,000 ft. ½-in. tubing;
(2) approx. 60,000 ft. ¾-in. tubing;
(3) approx. 20,000 ft. 1-in. tubing.

The bids were:

Hacker Pipe & Supply Co., (1) $6.98; (2) $11.70; (3) $14.95; Chase, 1% 25th of month or 10th prox.

Petroleum Equipment Co., (1) $7.52; (2) $12.60; (3) $16.10; Scoville, 1% 25th of month or 10th prox.

Crane Co., (1) $7.62; (2) $12.60; (3) $16.10; Revere.

Ducommun Corp., (1) $.0714; (2) $.1197; (3) $.1529; Anaconda.

Bridgeport Brass Co., (1) $7.52; (2) $12.60; (3) $16.10; Bridgeport.

Smith Booth Usher Co., (1) $6.96; (2) $11.64; (3) $14.88; Wolverine, 1% 20 days.

Keenan Pipe & Supply Co., (1) $6.88 (2) $11.52; (3) $14.72; American Tube Works, 1% 25th of month or 10th prox.

Familian Pipe & Supply Co., (1) $7.04; (2) $11.81; (3) $15.08; Chase, 1% 30 days.

Plumbing, Heating & Supply Co., (1) $7.52; (2) $12.60; (3) $16.10; Streamline, 1% 25th of month or 10th prox.

Chase Brass & Copper Co., (1) $7.52; (2) $12.60; (3) $16.10; Chase, 10% 25th of month or 10th prox.

Phelps Dodge Copper Prod. Corp., (1) $6.52; (2) $11.60; (3) $15.10, Phelps Dodge.

Calif. Pipe & Supply Co., (1) $7.52; (2) $12.60; (3) $16.10; Bridgeport, 1% 25th of month or 10th prox.

Grinnell Co. of the Pacific, (1) $7.52; (2) $12.60; (3) $16.10; Bridgeport or Streamline, 1% 25th of month or 10th prox.

Union Hardware & Metal Co., (1) $7.52; (2) $12.60; (3) $16.10; Revere, 1% 25th of month or 10th prox.

Pacific Metals Co. (1) $7.52; (2) $12.60; (3) $16.10; Revere, 1% 25th of the month or 10th prox.

Shinn Bros. Co., (1) $7.05; (2) $11.80; (3) $15.10; Chase or Streamline, 1% 25th of month or 10th prox.

20

BIDS OPENED

JUNTURA, Oregon.—Following bids received by the Bureau of Reclamation, Denver, Colo., May 27, under Spec. No. 685-D, for furnishing roof trusses for outlet works control house outlet works stairways, floors and walkway, oil tanks, 36-inch needle valve discharge guides, heating plant stack, and miscellaneous metal work for the Agency Valley Dam, Vale Project, Oregon.

Bids were taken as follows:

(1) Roof trusses, angle posts;
(2) Handrails, brackets, supports, anchors, ladders;
(3) Fabricated plate steel work.

Complete bids follow:

John W. Beam, Denver: (1) $120; (2) $1,745; (3) $429; (4) combination bids, 1-3, all or none; fob Peotone, Ill. ½% discount.

Silver-Roberts, Denver: (1) $120; (2) $1,750; fob Denver. Net.

Olson Mfg. Co., Boise: (1) $131; (2) $3,298; (3) $768; fob Juntura, Oregon; net.

Western Pipe and Steel Co., San Francisco: (3) $409; fob South San Francisco; net.

Schrader Iron Works, San Francisco: (1) $145; (2) $1,735; (3) no bid; (4) 1 and 2, $1,840; fob San Francisco; net.

Ornamental Iron Works, Akron, O.: (1) $115; (2) $1,996; fob Juntura; ½%.

Omaha Steel Works, Omaha, Neb.: (1) $175; (2) $1,675; fob Omaha; ½%.

Mississippi Valley Structural Steel Co., Chicago: (1) $140; (2) $1,600; fob Melrose Park, Ill.; net.

Worden Allen Co., Milwaukee, Wis.: (1) $120; (2) $1,515; (3) no bid; fob Milwaukee; ½%.

Arthur J. O'Leary & Son, Co., Chicago: (1) $230; (2) $1,660; (3) no bid; Chicago; ½%.

Steel Plate Const. Co., Portland: (3) $768; fob Portland; net.

Steel Tank & Pipe Co., Portland: (1) $159; (2) no bid; (3) $533.50; fob Portland; net.

Hanseli - Elcock Co., Chicago: (1) $201; (2) $1,725; (3) $499; fob Juntura; ½%.

Valley Iron Works, Yakima, Wash.: (1) $164; (2) $2,533; (3) $392; fob Yakima; net.

Galvin - Kadala, Inc., Chicago, (1) $125; (2) $1,550; (3) $450; fob Chicago; ½%.

Acme Ornamental Metal W'ks, Seattle: (1 and 2) $1,907; fob Juntura; net.

Bids held under advisement.

BIDS OPENED

SAN DIEGO, Cal.—General Electric Supply Corp., 1201 Bryant Street, at $752.15 fob San Diego, submitted low bid to the National Park Service, F. A. Kittredge, Chief Engineer, for furnishing 1400 ft. of 1½-in. conduit, with couplings and miscellaneous fittings, for the Cabrillo National Monument, San Diego.

Complete bids follow:

(Delivery FOB San Diego)

General Electric Supply Corp., San Francisco: $752.15; delivery 1-15 days.

Lavenson & Savasta, San Francisco: $792.08; 1-15 days.

Graybar Electric Corp., San Francisco: $795.55; 1-15 days.

Coast Electric Co., San Diego; $797.72; 1 day.

California Electric Supply Co., San Francisco: $799.30; 2-12 days.

Westinghouse Electric Supply Co., San Francisco: $805.87; 7 days.

Maydwell & Hartzell, San Francisco $805.87; 8-21 days.

General Electric Supply Corp., San Diego: $816.91.

Balboa Elec. Co., San Diego; $830.91 1-10 days.

(Delivery FOB San Francisco)

Coast Elec. Supply Co., San Francisco: $793.79; 2-15 days.

Gilson Electric Supply Co., Oakland: $799.18; 3-7 days.

Incandescent Supply Co., San Francisco: $812.81; 2 days.

Grey Electric Supply Co., San Francisco: $831.80; 14 days.

Bids held under advisement.

CONTRACTS AWARDED

FRESNO, Cal.—Contracts for furnishing materials for Camp Crane Flat, Crane Flat Ranger Station, Yosemite National Park, Bid No. 5905-35-117 and for Camp Merced Grove, 18 miles northwest of El Portal, Bid No. 5905-35-116, have been awarded by Lieut. George T. Stump, Purchasing and Contracting Officer, CCC, 414 P St., Fresno, as follows:

Bid No. 5905-35-117

(1) **Lumber and cement:** United Lumber Yards, Modesto, $784.43, 2% 10 days.
(2) **Hardware:** Barrett - Hicks Co., Fresno, $71.17, 2% 30 days.
(3) **Plumbing:** Tay - Holbrook, Inc., Fresno, $86.14, 2% 30 days*.
(4) **Sheet metal:** Barrett Hicks Co., Fresno, $52.02, 2% 30 days.

Bid No. 5905-35-116

(1) **Lumber and cement:** United Lumber Yards, Modesto, $861.09; 2% 10 days.
(2) **Millwork:** Hollenbeck-Bush Planing Mill, Fresno, $71.84, 2% 10 days*.
(3) **Hardware:** Fisher-Glassford Hardware Co., Fresno, $132.87, 2% 10 days.
(4) **Plumbing:** Pioneer Pipe Co., San Francisco, $112.02, 2% 10 days, 1% 20 days.
(5) **Sheet Metal:** Dallman Supply Co., Sacramento, $85.86, 2% 30 days.

*Awarded by lot, bidders tied.

ALCATRAZ ISLAND PAINTING

ALCATRAZ, Calif. — Following bids received by Warden, U. S. Penitentiary, Alcatraz, for painting exterior and interior of quarters buildings Nos. 4, 7, 8, 9, 10, 12, 13, 14, 15, 22, 28, 39, 43, 47, 58, 64, 72, 73, 74, 75, 76, 77, 83 and 87; Painting Invitation No. 351.

(1) All painting of exterior of quarters buildings;
(2) Do interior;
(2a) Interior of Bldg. No. 64 quarters only;
(3) Painting exterior of Bldgs. Nos. 31, 33a, 65, 66, portion of 67, 80, 81, 86, 88, 89. Wall faces between 64, 22, 77, 65 and 89. Hot well and fuel oil tanks. Frame and brick.
(4) All painting specified in Item No. 3, exclusive of concrete or brick exterior walls of Bldgs. 65, 66, 67, 79, 80 and 81.
(5) All painting specified in interior of Bldgs. Nos. 31, 22a, 65, 66, portion 67, 80, 81, 86, 88 and 89.
(6) All painting specified on exterior of Bldg. No. 68, Prison bldg.
(7) All painting specified in interior of Bldg. No. 68, Prison bldg.
(7a) Interior of Bldg. 68, Hospital.
(7b) Interior of basement rooms in Bldg. 68, including bakery refrigerator, vegetable, print, bath clothing and hallways.
(7c) Interior of administration end of rooms east of Cell Room Bldg. No. 68.

Bidders were:

(A) Jos. J. Burdon & Sons, Richmond.
(B) W. G. Thompson, San Francisco.
(C) R. P. Paoli, San Francisco.
(D) Patterson Bros., Oakland.
(E) Lee Dixon Painting Co., S. F.
(F) Cramer Bros., San Francisco.
(G) John G. Exley, San Francisco.
(H) Rafael Co., San Francisco.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3,835.90	$ 4,192	$ 3,666	$ 4,733	$ 4,880	$5,370	$ 4,223.50	$4,870
(2)	10,908.00	13,092	12,244	10,750	8,420	9,932	13,409.00	1,134
(2a)	8,905.25	1,436	1,200	1,430	1,430	540	1,409.05	1,534
(3)	1,869.60	1,924	2,440	1,940	1,510	1,985	1,888.50	1,175
(4)	682.50	1,593	1,200	597	465	1,375	1,000.00	378
(5)	1,206.00	1,629	1,500	1,314	1,650	1,145	1,659.50	1,505
(6)	3,186.40	1,907	2,100	2,208	2,740	2,790	2,874.50	820
(7)	7,604.50	5,202	6,600	7,141	11,448	5,630	6,983.00	5,829
(7a)	1,063.25	1,302	1,750	1,080	1,250	965	1,182.00	968
(7b)	1,091.25	1,553	800	1,145	1,030	890	1,297.66	1,250
(7c)	1,005.00	1,199	580	986	1,150	635	731.20	980

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

BERKELEY SCHOOL DIST.

BERKELEY, Alameda Co., Cal.—Until June 19, 2:30 P. M., bids will be received by Clara F. Andrews, Secretary, Berkeley Board of Education, for furnishing electrical materials, fans and lighting fixtures for the School District.

Specifications are on file in the office of the Secretary, Room 203, Administration Building, 2325 Milvia St., Berkeley. *

BERKELEY, Cal. — Until June 21, 2:30 P. M., bids will be received by the Berkeley Board of Education for building materials as follows for reconstruction work in the Berkeley Elementary Schools:

Electrical Materials.
Paint Materials. ?
Lumber.
Wallboard.
Estimated cost, $10,000. *

RECLAMATION SERVICE

YUMA, Arizona—Until July 8, 2:00 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 631, for furnishing and delivering f.o.b. cars at the shipping point and/or Yuma, Arizona, for furnishing four 75-foot by 23-foot roller gates with operating mechanisms for the All-American Canal Headworks, Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project. All of the materials will be installed by the Government.

Specifications obtainable from the above office without charge to bona fide prospectiv bidders, to others, 50c not returnable.

U. S. INDIAN SERVICE

ALBUQUERQUE, N. M. — Until June 24, 4 P. M., bids will be received by the Bureau of Indian Affairs, Albuquerque Indian Sanatorium, Box 1344, Albuquerque, N. M., Dr. A. J. Wheeler, Superintendent, for furnishing one slicing machine.

Delivery f.o.b. bidder's shipping point and/or Albuquerque.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until June 19, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 640, for furnishing 50 tons of pig lead.

Specifications obtainable from the above office. *

WAR DEPARTMENT

FORT MASON—Until June 20, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-286, Req. No CCC 311, Memo. 6767, for furnishing one electrical washing machine, cylindrical type, inside cylinder not less than 20-in.x24-in. long.

Specifications obtainable from the above office.

ALAMEDA COUNTY

SAN LEANDRO, Alameda Co., Cal.—Until June 24, 4:00 P. M., bids will be received by E. F. Hutchings, 1120 East 14th St., San Leandro, for furnishing and spreading oil on street surfaces and other public works for the fiscal year ending June 30, 1936.

Specifications obtainable from above office.

SAN LEANDRO, Alameda Co., Cal.—Until June 24, 4:30 P. M., bids will be received by E. F. Hutchings, 1120 East 14th St., San Leandro, for furnishing natural rock asphalt for the fiscal year ending June 30, 1936.

Specifications obtainable from above office.

SAN LEANDRO, Alameda Co., Cal.—Until June 24, 4:00 P. M., bids will be received by E. F. Hutchings, 1120 East 14th St., San Leandro, for supplying rock and screenings for the fiscal year beginning July 1, 1935 and ending June 30, 1936.

Specifications obtainable from above office.

RECLAMATION BUREAU

YUMA, Arizona—Until July 12, 2:00 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 635, for furnishing and delivering f.o.b. cars at the shipping point and/or Yuma, Arizona, mechanical apparatus for desilting basins at the Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project. All of the materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1 not returnable.

BOULDER CITY, Nevada — Until July 1, 2:00 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 691-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, miscellaneous structural steel including platforms, railings, gratings, cable and hus supports and air duct framing for the Boulder Power Plant, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1 not returnable.

BUTTE COUNTY

CHICO, Butte Co., Cal.—Until June 20, 5 P. M., bids will be received by the Board of Education of the City of Chico, F. L. Cummings, Secretary, at the Chico High School, Esplanade, Chico, for furnishing one school bus with a seating capacity of not less than 56 elementary school pupils; chassis weight approximately 15,000 lbs.

Bidders are required to include in their bid an allowance for one 1924 Reo Speedwagon, 1¼ ton capacity, equipped with 35-passenger bus body.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., as follows:

CABLE, 12,000 ft. marine use; Mare Island. Sch. 5280; June 18.
SHAFTS, 24,000 lbs. propeller; Mare Island. Sch. 5321; June 18.
ENGINE, one 150-hp. Diesel engine and spares; Mare Island. Sch. 5313; June 18.
TUBES, 3400 lbs. admiralty metal condenser; Mare Island. Sch. 5277; June 21.
BRASS, bronze and copper; East and West Yards. Sch. 5273; June 21.
TUBES, 2000 fuel oil-heater steel tubes; Mare Island. Sch. 5309; June 26.
BRICKS, 100,000 insulating bricks; Mare Island. Sch. 5337; June 25.

Information obtainable from above office and from Headquarteds, 12th Naval District, 100 Harrison Street, San Francisco.

U. S. POST OFFICE DEPT.

SAN QUENTIN, Marin Co., Cal.—Until June 19, (date postponed from June 10), bids will be received by the Purchasing Agent, Post Office Department, Washington, D. C., for one section steel shelving for San Quentin Post Office. Proposal No. 2476. *

SAN QUENTIN, Marin Co., Calif.—Until June 19, bids will be received by Purchasing Agent, Post Office Department, Washington, D. C., for furniture and screenline equipment for the post office at San Quentin. Proposal No. 2490. *

SAN JOAQUIN COUNTY

MANTECA, San Joaquin County, Cal.—The Manteca City Council will take bids for furnishing 2000 ft. of 8-in and 10-in. concrete irrigation pipe for replacing connections at the sewage disposal plant. Estimated cost, $600.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until June 17, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot Government Island, Oakland, as follows:

BID NO. 2625: fob bidder's shipping point and/or Porterville: 12 redwood tanks, water, 6,000 gal. capacity;
BID NO. 2618: fob bidder's shipping point and/or San Diego: 8 suction and discharge pressure pumps;
BID NO. 2585: fob bidder's shipping point and/or Albuquerque, N. M.: two rotor type pumps, complete with mountings, belt and bypass valves.
BID NO. 2623: fob bidder's shipping point and/or St. Helena: One lot lumber for 30-ft. wooden lookout tower, enclosed type.
BID NO. 2622: fob bidder's shipping point and/or St. Helena: One lot bolts and hardware for one 30-ft enclosed wooden lookout tower.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

1— BRIDGES

ONTRACT AWARDED

MARICOPA COUNTY, Ariz.—R. C. .e., Phoenix, Ariz., were awarded e contract by the Arizona State ghway Commission, May 28, at $89,-).50, for constructing a concrete unrpass and incidental work on the ate highway on South 17th St., in e City of Phoenix NRM and NRH -D.

Pearson & Dickerson, Prescott, subtted the second bid at $96,293.

ODS WANTED

MARICOPA COUNTY, Ariz.—Until ne 21, 10 A. M., bids will be receiv- by Arizona State Highway Comssion, Phoenix, for constructing the ckenburg bridge on the Phoenix-escott Highway, NRM 31 (1935). 'E 536. The work, which is located ross the Hassayampa river at Wickburg, consists of the construction a steel plate girder bridge resting concrete piers supported by either treated timber or steel "H" coln piling. The principal items are:

.750 c.y. struc. excav.;
,023 c.y. concrete;
.900 lbs. reinf. steel;
300 lbs. structural steel;
.500 l.f. untreated timber piles;
,600 l.f. steel sheet piling;
.300 sq. yds. 1-grid steel flooring;
,300 sq. yds. plant mix wearing surface;
electrical equipment;
dismantling and removing the old structure;

ALTERNATE ITEMS

034 c.y. concrete;
650 l.f. steel H-column piles;
025 l.f. untreated timber piles.

roposal guaranty in the sum of 5% certified or cashier's check must mpany each proposal. Funds in sum of $140,000 have been promed for this work. T. S. O'Con- State Highway Engineer.

S HELD UNDER ADVISEMENT

AN JOAQUIN COUNTY, Cal.—All received by San Joaquin County rd of Supervisors, Stockton, June- or the construction of a 20f-foot l drawbridge over Honker Cut, necting King Island and the Emtract, are being held under adment until June 17. The bridge consist of one 187-ft. and one 85-approach spans, protection work the draw span, and construction temporary ferry landing to be during construction of bridge.

hn Hachman, P. O. Box 206, kton, at $66,000 on Schedule 1, at $72,800 on Schedule 2, submitthe low bid.

BIDS OPENED

UNION COUNTY, Oregon—Hoffman Const. Co., 715 Columbia, Portland, at $89,901 submitted low bid to the Oregon State Highway Commission, Portland, June 6, for the construction of an undercrossing of the O.W.R.R. & No. Co.'s railway in La Grande, on the La Grande Undercrossing Section of Wallowa Lake Highway, U.S.F.W. Project NRM 80-B.

Complete bids follow:

Hoffman Const. Co., Portland	$ 89,901.00
Mountain States Const. Co., Eugene	93,696.50
S. G. Morin, Spokane	98,495.50
Clifton & Applegate, Spokane	107,736.00
Kuckenberg and Wittman, Portland	110,277.00
Kern & Klibbe, Portland	114,828.00
Warren Northwest R'ds Co. Portland	119,606.50
McRae Bros., Seattle	141,226.50

Bids held under advisement.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—E. T. Lesure, 87 Ross Circle, Oakland, at $92,728 awarded contract by the State Highway Commission, Sacramento, for the construction of two Redwood timber bridges in Monterey County, between 33 and 38 miles south of Monterey. One is to be across Pfeiffer Canyon, consisting of one 76- and one 57-ft. deck truss span, and nine 19-ft. trestle spans; the other is to be across Torre Canyon, consisting of one 126-ft. truss span and approximately 288 ft. of trestle spans.

CONTRACT AWARDED

SIERRA COUNTY, Calif.—Charles Kuppinger, Box 356, Lakeport, at $35,-458.50 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge across the North Fork of the Yuba River at Downieville, Sierra County, consisting of two 40-, two 31- and two 9-ft. spans on concrete piers, and grading road approaches.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until June 24, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for the construction of a reinforced concrete bridge on Herriman Ave., over Campbell Creek, in Supervisor's District No. 5.

Plans and specifications obtainable from the office of County Surveyor Robert D. Chandler, at a charge of $1.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

AWARD APPROVED

ALAMEDA COUNTY, Cal.—Board of Supervisors has approved award of a contract to A. Soda & Son, 1077 65th St., Oakland, at $71,620.47, for the completion of the approaches to the Park Street Bridge.

BID OPENING POSTPONED

LOS ANGELES, Cal.—Until June 24 2 P. M., (date postponed from 10 A. M June 19) bids will be received by the Los Angeles county board of supervisors, 501 Hall of Records, Los Angeles, for the construction of a concrete conduit in Halls Canyon channel from the debris dam to Verdugo Wash, involving:

(1) 106,000 c.y. excavation;
(2) 2800 c.y. compacted fill;
(3) 9900 c.y. consolidated fill;
(4) 8150 c.y. backfill;
(5) 11,450 c.y. reinforced concrete;
(6) 1000 lbs. placing misc. metalware
(7) 200 l.f. placing tile drains;
(9) 11,980 l.f. placing fence;
(10) 14,500 lbs. placing pipe railing.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles County Flood Control District, 205 S. Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty, Clerk of the Bd. Certified check or bond for 10% must accompany each bid.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Walter Selvage, 1305 L St., Eureka, at $3310.49 submitted low bid and awarded contract by the Humboldt County Board of Supervisors, Eureka, June 11, for the construction of a bridge over the Eel River, near the mouth of the Van Duzen. Complete bids follow:

Walter Selvage, Eureka	$3310.49
Fred Maurer & Sons, Eureka	3675.00
A. H. Anderson, Eureka	3474.31
Thos. J. Doyle, S. F.	4937.00

22—DREDGING HARBOR WORKS EXCAVATION

BIDS WANTED

SAN LUIS OBISPO, Cal. — Until June 21, 3:00 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, for furnishing all labor and material and performing all work for repairing the breakwater at San Luis Obispo Harbor, California, requiring the furnishing and placing of approximately 8000 tons of new stone and the salvaging and placing of about 400 tons of old stone. Specifications may be obtained at the office of the U. S. Engineer, Major H. H. Stickney, at the above address.

FUNDS ASKED

SAN DIEGO, Calif.—Navy Department has filed requests with Division of Applications and Information for allotments from work-relief fund as follows: $18,000 to improve pier at Naval Supply Depot; $126,000 to extend quay wall at Destroyer Base.

APPLICATION FILED

NEWPORT BAY, Orange Co., Cal. —Application has been made by the Irvine Co., Tustin, Calif., for War Department permit to dredge about 190,-000 c.y. of material from areas bordering the present channels north and east of Balboa Island and north of Harbor Island in Newport Bay, Calif., and deposit the material in adjacent

authorized disposal areas. Drawings showing the location and plan of the proposed dredging may be seen in the office of the U. S. Engineer, 751 South Figueroa St., Los Angeles, until 11 A. M., Monday, June 17. Major H. H. Stickney, district engineer

FUNDS ASKED

WASHINGTON. — U. S. Engineers have filed request with Divisions of Applications and Information for $1,-090,000 appropriation to complete two jetties at Gray's Harbor.

23—IRRIGATION PROJ.

CONSTRUCTION SCHEDULE

YUMA, Arizona—A tentative schedule for the issuance of calls for bids for completing the All-American Canal has been announced unofficially at Denver, the headquarters of the Bureau of Reclamation, according to M. J. Dowd, Chief Engineer of the Imperial Irrigation District, who has just returned from a conference with R. F. Walter, Chief Engineer of the Bureau, and other reclamation officials.

The Bureau of Reclamation plans to call for bids for the furnishing of the large roller gates of the diversion works about May 31. There will be four of these gates, each 75 ft. wide, of heavy steel construction.

The call for bids for the equipment to be installed in the desilting work will be issued about June 15.

Bids for excavating the rock cut at Laguna and the remainder of the canal between that point and the diversion works will be asked about June 15.

Proposals for constructing three or four of the large wash crossing structures will be asked about July 15.

As soon as the contract for the equipment for the desilting works is awarded the engineering department will complete the design of the desilting plant and the call for bids for the plant and for the Imperial Dam will be issued about August 15. The proposed dam will be of the rock-fill type, 1770 ft. in length and about 25 ft. high. The desilting plant will consist of six basins, 1200 ft. by 110 ft. through which the water from the Colorado River will be run before being turned into the irrigation canals.

BIDS WANTED

YUMA, Arizona—Until July 8, 10:00 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 633, for the preparation of concrete aggregates at Station 90 of the All-American Canal, Boulder Canyon Project, Arizona-California-Nevada.

The work is located near Yuma, Ariz., and involves:

(1) 60,000 cu. yds. stripping gravel deposits;
(2) Preparing and stockpiling 320,-000 cu. yds. of sand and gravel.

Work shall be commenced within 30 days and completed within 40 days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Yuma, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others 50c not returnable.

BIDS WANTED

OGDEN, Utah—Until July 8, 10:00 A. M., bids will be received by the Bureau of Reclamation, Ogden, Utah, under Spec. No. 623, for the construction of earthwork, canal lining, and structures, Station 0 to Station 587, Ogden Brigham Canal, Ogden River Project, Utah.

The work is located near Ogden, and involves:

(1) 163,100 cu. yds. all classes of excavation for canal;
(2) 6580 cu. yds. all all classes of excavation for structures;
(3) 5500 sta. cu. yds. overhaul;
(4) 5000 cu. yds. compacted embankment;
(5) 31,350 cu. yds. backfill;
(6) 7060 sq. yds. preparing canal sections in rock for concrete lining;
(7) 77,550 sq. yds. trimming earth sections for concrete lining;
(8) 3020 cu. yds. concrete in structures;
(9) 800 cu. yds. concrete in combination sections; lining;
(10) 6650 cu. yds. concrete in canal
(11) 50 cu. yds. rubble masonry;
(12) 805 cu. yds. dry rock walls;
(13) 315 sq. yds. dry-rock paving;
(14) 500 cu. yds. riprap;
(15) Placing 637 lbs. reinforcement bars;
(16) Laying 1990 lin. ft. 12-in to 36-in. diam. concrete pipe;
(17) Laying 1552 lin. ft. 4-in. to 8-in. diam. clay sewer pipe;
(18) Laying 480 lin. ft. 12-in. to 18-in. diam. corrugated metal pipe;
(19) Erecting 372 lin. ft. of No. 48 and No. 144 metal flume;
(20) Erecting 33,200 lbs. of structural steel;
(21) Erecting 69 MFBM of timber in structure;
(22) Installing 9100 lbs. of gates and gate hoists;
(23) Installing 6650 lbs. of blow-off valves and connections.

Work shall be commenced within 30 days and completed within 320 days after receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Ogden, Utah; Denver, Colo.; or Washington, D. C., without charge to prospective bidders; to others, $3.50, not returnable.

CONTRACTS AWARDED

RIVERSIDE, Riverside Co., Calif.—U. S. Pipe & Foundry Co. was awarded the contract by the Riverside board of public utilities at $19,937 for furnishing 4- 6- and 8-in. cast iron pipe for replacements to the city water mains.

James Jones Co. was awarded the contract for brass fittings and copper ells at $508.20 and five 4-in. hydrants at $50 each.

Alhambra Foundry Co. was awarded the contract for 25 6-in. hydrants at $58.24 each, or a total of $1456.

June 12, 1935

BIDS WANTED

FAIRFIELD, Mont.—Until July 8, 2 P. M., bids will be received by the Bureau of Reclamation, Fairfield, Monday, under Spec. No. 626, for the construction of earthwork and structures for Greenfields Main Canal and Greenfields South Canal enlargement and extensions and laterals and lateral extensions and enlargements, Greenfields Division, Sun River Project, located near Fairfield and Ashuelot, Montana.

The work will involve:

(1) 186,000 c.y. excavation, all classes, for canals and laterals;
(2) 25,000 sta. c.y. overhaul;
(3) 4,400 c.y. excavation, all classes, for structures;
(4) 4,500 c.y. backfill;
(5) 2,150 c.y. concrete;
(6) 800 sq. yds. grouted paving;
(7) 300 sq. yds. dry-rock paving;
(8) Placing 138,000 lbs. of reinforcement bars;
(9) Erecting 2 MFBM of timber in structures;
(10) Laying 2,584 l.f. 15- to 30-in. dia. concrete pipe;
(11) Laying 1,324 l.f. 15- to 80-in. dia corrugated metal pipe;
(12) Constructing 845 l.f. of clay sewer pipe underdrains;
(13) Installing 52,500 lbs. of gates and miscellaneous metal work;

Work shall be commenced within 3 days and completed within 320 days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Fairfield, Mont.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $2 not returnable.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of May, 1935:

4532, Application 8229 (Shasta Co.) issued to Daniel Hightower of Schilling, Calif., for 0.5 cfs from South Liberty Gulch for irrigation and domestic purposes on 40 acres. Estimated cost $50.

4533, App. 8273 (Inyo Co.) issued to Oliver A. Thorson, of Darwin, Calif. for 2400 gals. per day from unnamed spring at Coso Diggins for mining and domestic purposes. Est. cost, $100.

4534, App. 8218 (Mendocino County) issued to Alonzo Rusk of Ferndale for 0.36 cfs from Cedar Creek for fish hatchery. Est. cost, $50.

4535, App. 8767 (San Diego County) Issued to Fred Lanz, National City for 1.25 cfs from Tubhead Spring Creek for irrigation and domestic purposes on 30 acres. Est. cost $1,000.

4536, App. 8125 (San Diego County) issued to R. J. Stauch, Inglewood for 1.05 cfs from a series of 5 springs for mining purposes. Est. cost $500.

4537, App. 8157 (Trinity County) issued to Eleanor I. Holcombe, Ni Valley, for 16,000 gals. per day from a spring for domestic purposes. Est. cost, $100.

4538, App. 8148 (Siskiyou Co.) issued to L. H. Thomas, Victor Thomas and P. M. Bennett, Forks of Salmon for 2 cfs from Hammel Creek for mining purposes. Est. cost, $500.

4539, App. 8088 (Siskiyou County) issued to H. M. James, Happy Camp for 1 cfs from Little South Fork of Indian Creek for mining and domestic purposes.

4540, App. 8150 (San Diego County) issued to Mary F. Baker, Los Angeles, for 0.1 cfs from a spring in Gu Canyon for irrigation and domestic purposes on 8 acres. Est. cost $250.

4541, App. 7809 (Trinity Co.) issued to T. D. Campbell, Los Angeles, 200 cfs from Trinity River for mining purposes. Est. cost, $75,000.

4542, App. 8290 (Siskiyou Co.) issued to Lester A. Bright, Happy Camp for 0.056 cfs from a spring for irrigation and domestic purposes on 1 acre. Estimated cost $75.

4543, App. 8259 (Los Angeles Co.) issued to U. S. Angeles National Forest, Los Angeles, for 1950 gals. day from Upper Atmore spring for fire protection & stock watering purposes. Est. cost, $250.

4544, App. 8260 (Los Angeles Co.) issued to U. S. Angeles National Forest, Los Angeles, for 1300 gals. day from Texas Spring for fire protection and recreation. Est. cost, $

4545, App. 8261 (Los Angeles Co.) issued to U. S. Angeles National Forest, Los Angeles, for 3250 gals. day from Shake Canyon Spring for protection and recreation. Estimated cost, $1500.

4546, App. 8262 (Los Angeles Co.) issued to U. S. Angeles National Forest, Los Angeles, for 1300 gals. day from Hidden Spring, for fire protection. Est. cost, $700.

4547, App. 8263 (Los Angeles

ued to U. S. Angeles National For-, Los Angeles, for 1300 gals. per from Warm Spring No. 2, for fire tection. Est. cost, $250.

548, App. 8264 (Los Angeles Co.) ied to U. S. Angeles National For-, Los Angeles, for 1300 gals. per from Ruby Spring for fire pro-tion and recreation. Est. cost, $250.

549, App. 7824(Siskiyou Co.) is-d to O. E. Chaney, Reno, Nevada, 12 cfs form South Fork of Clear eek, for mining purposes. Est. cost

550, App. 8142 (Siskiyou Co.) is-d to O. E. Chaney, Reno, Nevada, 38 cfs from Gasquet Creek, two amed streams, 4 branches of Gum-t Creek, South Branch of South k Clear Creek and South Fork of ar Creek for mining purposes. Est. t, $35,000.

551, App. 8265 (Butte County) is-d to Jack L. Morrison, Stirling y, for 1 cfs from Fall Creek for ing and domestic purposes. Est. t, $200.

552, App. 8212 (Santa Cruz Co.) is-d to T. J. Hoover, Stanford Uni-sity, for 100 acre feet per annum n Waddell Creek for irrigation of acres.

553, App. 7744 (Siskiyou Co.) is-d to Martin Krull, et al, Scad ley, for 30 cfs from Thompson eek for mining purposes. Estimated t, $40.

554, App. 8292 (Yolo County) is-d to The Amalgamated Sugar Co., rksburg, for 6.7 cfs from Sacra-nto River for industrial purposes. timated cost, $8500.

555, App. 8236 (Siskiyou Co.) is-d to Ray J. Barber, Scott Bar, for cfs from Scott River, for power poses; 887 thp to be developed. t. cost, $20,000.

556, App. 8237 (Siskiyou Co.) is-d to Ray J. Barber, Scott Bar, for cfs from Scott River, for mining poses. Est. cost, $20,000.

557, App. 7931 (Sierra County) is-

d to Gibsonville Townsite Gold ies Co., Downieville, for 30 cfs n Little Slate Creek for mining poses. Est. cost, $5,000.

558, App. 8293 (Trinity Co.) issued S. M. Campbell, Big Bar, for 3 cfs n Manzanita Creek for mining pur-es.

2—STREET LIGHTING SYSTEMS

NTRACT AWARDED

OCKWELL FIELD, Cal.—V. R. nls Constr. Co., 3911 Fifth Ave., Diego, awarded contract by Army partment, at $3499, for the installa-of a night lighting system at kwell Field, Coronado. 24

NTRACT AWARDED

ARCH FIELD, Riverside Co., Cal. . Soda & Son, 1077 65th St., Oak-d, at $4467 awarded contract by the hy Department for additions to ht lighting system at March Field. omplete bids published May 27.

2—MACHINERY AND EQUIPMENT

BIS OPENED

OS ANGELES, Cal.—The following ds were received by D. P. Nicklin, chasing agent of the Los Angeles ter & Power Bureau, room 740, S. Broadway, June 4, for furnish-frequency changes under Spec. No. 6.

he bidders were:

(A) General Electric Co. (1) or (2) $733,733 with 50-cycle unit de-ned for operation at 16,500 volts hout reference to condenser capa-city. Deduct $5300 from (1) or (2) if spur track delivery instead of truck delivery. Add $1225 for 440-volt mo-tors on exciter sets if granted addi-tional month for delivery prices will be (1) $679,511; (2) $660,256.

(B) Westinghouse Electric & Mfg. Co., (1) or (2) alt., $700,000; with 50-cycle unit designed for operation at 16,500 volts without reference to con-denser capacity. Deduct $5500 from items (1) or (2) if spur track delivery instead of truck delivery. Add $905 or $1625 for 440-volt motors on exciter sets if granted additional month for delivery prices. Alternates for exci-ters of different design for 16,500-volt frequency changer set add $1220 or $2-825.

The bids were:

	(A)	(B)
(1)	$720,281.00	$656,000.00
(1 option)	741,567.00	709,000.00
(2)	699,886.00	632,000.00
(2 option)	722,112.00	685,000.00
(3)	15,015.00	16,000.00
(3 option)	15,015.00	16,000.00
(4)	8,300.00	14,000.00
(4 option)	8,300.00	14,000.00
(5)	8,685.00	8,000.00
(5 option)	8,685.00	8,100.00

CONTRACT AWARDED

SAN FRANCISCO—H. T. Guerin, 2145 20th Ave., at $759 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR-1377, for the rental of one 40-hp. Diesel tractor.

Complete bids published May 23.

CONTRACT AWARDED

SAN FRANCISCO — Edward R. Bacon Co., Folsom at 17th St., San Francisco, at approximately $50,000 awarded contract by the Transbay Construction Co., general contractors for raising O'Shaughnessy Dam, for furnishing bin and batcher equipment.

The plant includes a 1300 cu. yd. steel bin and weighing batchers with recording apparatus, designed and built by the C. S. Johnson Co., Champaign, Illinois.

BIDS OPENED

SAN FRANCISCO—Following bids received by the U. S. Forest Service, P. E. Brown, Procurement Engineer, 85 Second St., San Francisco, under Contract No. 591, for furnishing one 4-man maintenance trailer, complete:

Cochran & Celli, $1027.55, f.o.b. Oakland; weight 2750 lbs.; 5% 30 days.

Gillig Bros., $1169, f.o.b. San Francisco 3670 lbs.; net.

August Vetter & Sons, $1525, f.o.b. San Francisco; 4% 10 days, 3% 20 days, 2% 30 days.

H. Nordhausen, $1940, f.o.b. San Francisco; 4900 lbs.; 2% 10 days.

Wm. Gibson Body Works, $2180, f.o.b. San Francisco; 5800 lbs.; 1% 10 days.

Koefoed Body Co., $2499, f.o.b. San Francisco, $7000 lbs.; 5% 10 days, 2% 20 days.

Bids held under advisement.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Identical bids at $1,434, 2% 30 days, were received by the State Purchasing Agent, Sacramento, under Quotation No. 54740, Req. No. 8848, for furnishing one 8-ft. pneumatic-tired, leaning-wheel, hand operated grader, with scarifier, from the following:

Weaver Rye Tractor Co.

Jenison Machinery Co.

J. D. Adams Co.

Austin-Western Road Machinery Co. bid $1,584.75; 2% 30 days.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Associated Equipment Co., Ltd., 355 Fremont St., San Francisco, at $3,934.70 for one three-wheel road roller, plus $93.10 for starter and battery, $19.00 for a 70-gallon water tank, and $19 for a 100-gallon water tank, submitted low bid to the Oakland City Council June 6.

Spears Wells Machinery Co., Oakland, bid $4,015, plus $95 for starter and battery, with no bid on the water tanks.

Identical bids at $4,015 for the roller, plus $95 for starter and battery, $20 for 70-gal. water tank, and $50 for 100-gal. tank, were submitted by the following: Jenison Mchy. Co., Austin-Western Road Mchy Co., and Edward R. Bacon Co.

Bids held under advisement.

BIDS OPENED

STOCKTON, San Joaquin Co., Calif.—Following bids received by the Division of Highways, R. E. Pierce, District Engineer, Stockton, May 31, for the rental of one ⅜- to ½-c.y. capacity, full swing truck shovel, convertible to crane, completely serviced, equipped and manned:

C. E. Huls, Merced, 4/10 yd. capacity; Quick Way equipment; $4 per hour; moving rate, $3.50 per hour.

C. Mankel, Sacramento: ⅜—½-yr.; Model 100; $4.80 per hour; moving rate, $2.50 per hour.

Rock & Gravel Trucking Co., Oakland, ½-yd.; Orton, $4 per hour; moving rate, $3.50 per hour.

Western Crane Service Corp., Oakland: ½-yd.; Universal; $6 per hour; moving rate, $3 per hour.

26—— RAILROADS

COMPLETE BID LISTING

BONNEVILLE, Oregon—Following are the complete bids received by the U. S. Engineer Office, Pittock Block, Portland, June 4, under Bid No. 694-35-22, for furnishing steel rails, angle bars and compromise joints for use on the relocation of the Oregon-Washington Railway and Navigation Company's railroad near Bonneville:

Columbia Steel Co., San Francisco, (1) steel rails, No. 1, $40.935 per ton; (2) steel rails No. 2, $38.935 per ton; (3) 14 compromise joints, $2.22 per joint; (4) angle bars, $3.175 per cwt.; approximate total, $33,167; delivery f.o.b. Portland.

Bethlehem Steel Co., Bethlehem, Pa., (1) $36.355; (2) $34.525; (3) no bid (4) $3.025; approximate total, $29,607; f.o.b. Lacawana, N. Y.

Arthur Roeder ,trustee for the Colorado Fuel & Iron Co., (1) $36.625; (2) $34.625; (3) $2.52; (4) $2.97; approximate total, $29,959.77; compromise joints, f.o.b. Seattle or Los Angeles; rails and angle bars, f.o.b. Minnequa, Colo.

CONTRACT AWARDED

BONNEVILLE, Ore.—Sam Orino, E. 3104 Boone St., Spokane, Wash., at $793.191 awarded contract by the U. S. Engineer Office, Portland, under Bid No. 694-35-1, for the construction of a portion of the relocated line of the O. W. R. R. & N Co's. railroad and riprap protection of Ruckel Slide between Railroad mile post 37 and Cascade Locks in the vicinity of Bonneville.

29—STREETS AND HIGHWAYS

BIDS WANTED

PLUMAS COUNTY, Cal.—Until July 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 59.4 miles of liquid asphalt treatment in Plumas County, between Route 29 and Almanor Dam, and between south end of Government Section and Route 21; between Keddie and Quincy, between Blairs-

den and Delleker, and between Quincy and Meadow Valley.

The work requires 1,297 tons liquid asphalt, SC-4.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

MADERA COUNTY, Cal.—A. Teichert & Son Inc., P. O. Box 1113, Sacramento, at $94,297.10 submitted low bid to the State Highway Commission Sacramento, for about 7.8 miles surfacing with plant mixed surfacing on a crusher run base in Madera County, between Coarse Gold and Oakhurst.

The work involves:
(1) 450 M. gals. water;
(2) 217 Stations finishing rdwy.;
(3) 20,600 tons crusher run base;
(4) 95 tons liquid asphalt MC-2 prime coat;
(5) 9370 tons mineral aggregate (plant-mixed surfacing);
(6) 780 tons mineral aggregate (stockpiles);
(7) 470 tons liquid asphalt ROMC-4 (plant-mixed surfacing);
(8) 565 tons liquid asphalt SC-2 (shoulders, ditches and dikes);
(9) 50,300 sq. yds. preparing, mixing and shaping shoulders, ditches and dikes;
(10) 18 tons liquid asphalt MC-3 (seal coat);
(11) 160 tons sand (seal coat);
(12) 35 lin. ft. 8-in. C.M.P.;
(13) 2 each spillway assemblies;
(14) 246 each guide posts.

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento, $94,297.10.
(B) Union Paving Co., San Francisco, $118,947.50.
(C) Central States Contracting Co., Ltd., Oakland, $157,482.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.50	$ 3.50	$ 3.00
(2)	9.50	7.00	10.00
(3)	2.09	2.80	3.80
(4)	24.00	20.00	30.00
(5)	2.40	2.95	4.00
(6)	2.20	2.85	3.50
(7)	20.50	24.00	25.00
(8)	15.00	15.00	25.00
(9)	.05	.10	.09
(10)	30.00	35.00	30.00
(11)	2.50	1.20	5.00
(12)	1.00	1.00	3.00
(13)	15.00	15.00	20.00
(14)	1.60	3.00	3.00

BIDS WANTED

SAN FRANCISCO—Until June 21, 11:30 A. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Specification No. 18,866, for the improvement of the roadway of Spruce Street between Jackson and Washington Streets by construction of a 14-foot concrete center strip. Estimated cost, $1125.

The work involves:
(1) 3576 sq. ft. remove brick wearing surface ad replace with Class E concrete center strip
(2) 194 sq. ft. remove existing asphalt concrete pavement and replace with an asphalt concrete pavement consisting of a 6-in. Class F concrete base and a 2-inch asphaltic concrete wearing surface where directed;
(3) 124 sq. ft. remove and replace existing brick pavement where directed.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

RICHMOND — Macdonald Ave. Resurfacing — (City)

RICHMOND, Contra Costa Co., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $22,666.05, as previously reported, submitted low bid to the Richmond City Council, A. C. Faris, City Clerk, for the resurfacing of Macdonald Ave. from Garrard Blvd. to 23rd Street.

The work involves:
(1) 400 tons Type A asphalt concrete wearing surface;
(2) 3,500 tons Type B do;
(3) 300 tons Type C do;
(4) 215 c.y. 10-in. Portland cement concrete pavement;
(5) 36,900 sq. ft. planing existing pavement;
(6) 7,000 sq. ft. removal of broken , or shattered pavement;
(7) 300 sq. ft. Portland cement concrete sidewalk;
(8) 500 sq. ft. Portland cement concrete gutter;
(9) 400 l.f. Portland cement concrete curb;
(10) 7,800 sq. ft. removal of sheet asphalt pavement on account of open drains;
(11) 812 each, Monel traffic buttons to be removed, cleaned and replaced in new pavement;
(12) 566 each, Monel traffic buttons to be cleaned and installed new pavement;
(13) 141 each, aluminum do;
(14) 828 each, aluminum traffic b tons to be removed, cleaned, a replaced in new pavement;
(15) 421 each aluminum traffic butt to be supplied by contractor installed in new pavement;
(16) one cement concrete catchba (without castings);
(17) 10 l.f. 6-in. vitrified clay p culvert;
(18) 5 l.f. 2¾x26½x2-inch part-cir corrugated iron culvert;
(19) 7 l.f. 2¾x26½x4-in. do;
(20) 164 l.f. 3¼x38x2-in. do;
(21) 95 l.f. 3¼x38x4-in. do;
(22) 30 sewer manhole frames a

Total bids follow:
(A) Union Paving Co., S. F...$22,666
(B) Peninsula Paving Co., San Francisco 22,981
(C) Ransome Co., Emeryville 23,555
(D) Southern California Roads Co., Los Angeles 24,268
(E) W. H. Larson, Berkeley 24,291
(F) Independent Const. Co., Oakland 24,598
(G) Peres & Gatto, Richmond 26,042

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 3.80	$ 3.65	$ 4.08	$ 4.05	$ 4.10	$ 4.29	$ 4.44
(2)	4.00	3.77	4.24	4.15	4.30	4.29	4.44
(3)	4.50	4.70	4.80	4.50	4.50	4.29	5.25
(4)	9.00	10.70	9.26	9.70	10.00	10.00	9.00
(5)	.02	.025	.015	.02	.02	.025	.02
(6)	.10	.125	.06	.10	.07	.10	.08
(7)	.15	.20	.16	.20	.20	.20	.25
(8)	.30	.30	.23	.35	.35	.30	.30
(9)	.50	.35	.42	.50	.50	.70	.60
(10)	.05	.03	.04	.05	.03	.05	.07
(11)	.05	.08	.18	.12	.15	.12	.08
(12)	.05	.07	.18	.06	.14	.10	.07
(13)	.05	.11	.20	.06	.14	.10	.12
(14)	.05	.14	.30	.10	.24	.15	.14
(15)	.20	.32	.30	.30	.30	.35	.28
(16)	75.00	26.00	50.00	35.00	25.00	25.00	30.00
(17)	1.00	1.00	.70	1.00	2.00	1.50	2.00
(18)	3.00	4.10	3.48	6.50	5.40	4.00	8.00
(19)	3.00	4.10	3.48	6.50	5.40	4.00	8.00
(20)	4.50	5.85	4.30	6.50	5.40	5.00	8.00
(21)	4.50	6.25	4.55	6.50	5.40	5.00	8.00
(22)	5.00	7.50	5.00	9.00	5.00	3.50	5.00

All bids referred to City Engineer E. A. Hoffman for report and recommednation at the next council meeting, June 17.

MONTEREY COUNTY—Limekiln & Vicente Creek Bridge

MONTEREY COUNTY, Cal.—Peninsula Paving Co., 9 Main St., San Francisco, at $88,683.75 submitted low bid to the State Highway Commission, Sacramento, for the construction of two timber bridges in Monterey County, between 38 and 43 miles north of San Simeon. One is to be across Limekiln Creek, consisting of one 126-foot deck truss span, three 40-ft. steel beam spans, and approximate' 165 feet of trestle spans; and the other is to cross Vicente Creek, consisting of one 126-foot deck truss span, two 40-foot steel beam spans, and approximately 137 feet of trestle spans.

The work involves:
(1) 1700 cu. yds. roadway excavation;
(2) 1100 cu. yds. struct. excavation;
(3) 373 cu. yds. Class A Portland cement concrete;
(4) 30,500 lbs. bar reinf. steel;
(5) 314,000 lbs. structural metal;
(6) 326 MFBM Redwood timber, der select all heart structural gra
(7) 123 MFBM Redwood timber, sel all heart structural grade;
(8) 1 lot mis. items of work.

Total bids follow:
(A) Peninsula Paving Co., San Fra cisco, $88,683.75.
(B) E. T. Lesure, Oakland, $92,043.
(C) M. B. McGowan, Inc., San Fra cisco, $92,256.
(D) A. H. Vogt Co., Inc., San Fra cisco, $92,870.
(E) Rocca & Co., San Rafael, $9 558.90.
(F) F. C. Amoroso & Sons, S San Francisco, $94,989.
(G) R. R. Bishop, Long Beach, $9 173.
(H) Harry J. Oser, San Francis $97,427.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .95	$ 1.50	$ 1.00	$ 1.25	$ 1.50	$ 1.25	$ 2.00	$ 3.0
(2)	2.15	4.00	2.00	2.50	2.00	3.00	2.00	3.0
(3)	22.25	21.00	25.00	25.00	23.40	26.00	27.00	26.0
(4)	.045	.06	.05	.05	.045	.06	.05	.0
(5)	.0675	.07	.07	.0725	.0655	.073	.068	.0
(6)	118.00	115.00	110.00	110.00	118.80	115.00	125.00	116.0
(7)	118.00	120.00	150.00	140.00	118.80	130.00	125.00	116.0
(8)	855.00	1200.00	1216.00	1300.00	4800.00	1625.00	500.00	600.0

OW BIDDER

GRAHAM COUNTY, Arizona.—Ken odgman, 714 Plymouth Road, Pasa- ena, Calif., at $54,119 submitted low d to the Arizona State Highway ommission, Phoenix, June 11, for ghway construction on the Safford- owie Junction Highway NRS 115-A 935) AFE 8103. The work, which ntemls from Safford south for a dis- nce of 6 1/5 miles, consists of grad- g and draining the roadway, and rnishing and placing aggregate base ourse.

IDS OPENED

SAN DIEGO COUNTY, Cal.—Square ll Co., 916 Adobe St., Los Angeles, ibmitted low bid to the Department f Public Works, Division of High- ays, E. E. Wallace, District Engi- eeer, 310 Union Bldg., San Diego, une 11, at $3333.75 (or $6.35 per ton) r highway oiling in San Diego Coun- , between Encinitas and Oceanside. bout 9.7 miles in length, liquid as- halt to be furnished and applied, in- olving 525 tons furnishing and apply- g liquid asphalt, SC-2, in place. The engineer recommended the con- act be awarded the low bidder. The other bids were: Paulsen & March, $7.46. organ Bros., Huntington Park, $7.46. Lamb's Transfer Co., Long Beach, .72.

ONTRACT AWARDED

ORANGE CO., Cal.—C. O. Sparks, 09 E. 9th St., Los Angeles, at $39,- 3.30 (Alt B. Portland cement conc- ete) awarded contract by the State ighway Commission, Sacramento, for 4 mile grading and paving in Orange ounty, between Anaheim and Mira- ores.

29

IDS WANTED

SAN FRANCISCO—Until June 21, :30 A. M., bids will be received by e Department of Public Works, Wm. . Worden, Director, Room 251, City all, under Specification No. 18,865 r reconstruction of the roadway of nion Street between Battery and ont Streets, except that portion re- uired by law to be kept in repair by rners of the railroad tracks thereon. stimated cost, $1000. The work involves:) 69 tons asphaltic concrete binder, in place;) 136 tons 2-inch asphaltic concrete wearing surface, in place. Plans and specifications obtainable om City Engineer John J. Casey, oom 351, City Hall, upon cash de- sit of $10.

June 13, 1935

DS WANTED

AN FRANCISCO—Until June 21, 3 M., bids will be received by the ublic Utilities Commission, Room 287 ty Hall, under Spec. No. W.D. 81, r the repaving of street and/or side- alk openings where the paving has en revoked for the San Francisco ater Department for the fiscal year ding June 30, 1936. The work involves: 1) 30,000 sq. ft. light traffic concrete paving base and wearing surface; 2) 100 sq. ft. heavy concrete with binder and wearing surface; 3) 14,000 sq. ft. 6-in. Class E concrete pavement; 4) 500 sq. ft. brick pavement on concrete base, including brick gutters;) 100 sq. ft. asphaltic concrete 3½-in. base with 1½-in. wearing surface; 6) 400 sq. ft. basalt blocks on concrete base;) 5000 sq. ft. basalt blocks on sand; 8) 47,000 sq. ft. sidewalks, all types; (9) 1000 sq. ft. 2-in. sheet asphalt wearing surface only; (10) 100 sq. ft. 6-in. Class F concrete base only; (11) 60,000 sq. ft. asphaltic concrete, 6-in. base with 1½-in. wearing surface; (12) 100 sq. ft. asphaltic concrete, 8-in. base with 1½-in. binder course and 1½-in. wearing surf. (13) Oiled macadam: (a) 100 sq. ft., 4-in. base; (b) 2500 sq. ft. 8-in. base.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on June 26 and in Los Angeles on June 27, 1935:

II-Sis-72-B bet. Cougar and four miles NE of Grass Lake Station; bids to be opened June 26; PLANS (No. of Sheets) 21; (Cost) $2.10; CROSS-SECTIONS (No. of Sheets) 80 (Cost) $8; (Total) $10.10.

IV-Son-1-S.Ro, in the city of Santa Rosa between College Ave. and the south city limits, bids to be opened June 26; PLANS (No. of Sheets) 11; (Cost) 11.10; CROSS-SECTIONS, (No. of Sheets) 19; (Cost) $1.90; (Total) $3. tween Los Angeles St. & Artesia Av-

VII-L.A.-168-A, Cerritos Avenue beenue; bids to be opened June 27; PLANS (No. of Sheets) 11; (Cost) $1.10; CROSS-SECTIONS (No. Sheets) 28; (Cost) $2.80; (Total) $3.90.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS WANTED

STATE OF WASHINGTON.—Until June 25, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Whatcom County: Paving with Portland cement concrete on about 4 miles of State Road No. 1 (Lake Samish Branch) Lake Samish to Lake Padden Road, Public Works Project No. 7756, in Whatcom County.

Chelan County: Constructing Washington Public Works Project consisting of a bituminous macadam Class D penetration type surface on about 20.4 miles of State Road No. 2, end of the pavement at Peshastin Creek to Blewett Pass, in Chelan County.

Ferry County: Constructing Washington Public Works Project consisting of a bituminous retread surface treatment on about 9.4 miles on the Inland Empire Highway, Eastern Rte., junction of State Road No. 3 (south of Rosalia) to Oakesdale Section 1, in Whitman County; constructing a light bituminous surface treatment on about 23.7 miles of State Road No. 6, Blueslide to Metaline Falls, Section 2, in Pend Oreille County; producing mineral aggregate and constructing bituminous retread surface on about 27.7 miles of State Road No. 3, Kettle Falls to Laurier, Section 3, in Ferry County.

Chelan and Okanogan Cos.: Constructing a bituminous retread surface on about 39.5 miles of State Rd. No. 10, Chelan to British Columbia Line and Chelan to Chelan Falls, Public Works Project No. 7745, Unit 2, in Chelan and Okanogan Counties.

Skamania and Klickitat Cos.; Washington Public Works Project on State Road No. 8, consisting of producing mineral aggregates and constructing a bituminous retread surface on about 16.3 miles, Washougal East, Section 1, in Clark and Skamania Counties; surfacing, producing mineral aggregates and constructing a bituminous retread surface on about 14.4 miles, Underwood to Lyle, Section 2, in Skamania and Klickitat Counties.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

LOS ANGELES, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., at $11-875.23 awarded contract by the Los Angeles county board of supervisors, June 3, for the improvement of Sepulveda Blvd. in Culver City, from Venice Blvd. southerly to Washington Blvd., 2315 ft. or 0.44 mile, under Cash Contract No. 479.

BIDS WANTED

ORANGE CO., Cal.—Until June 18, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for removing and stockpiling existing railroad track material between Walnut Street in the City of Anaheim and Miraflores, about 2.1 mi. in length.

Plans and specifications obtainable from the above office.

BIDS REJECTED

MONO COUNTY, Cal.—All bids received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, May 14, for grading 6.823 miles of Section A of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County, have been rejected.

Gibbons & Reed, 221 E. San Fernando St., Burbank, submitted the low bid at $158,716.50.

CONTRACT AWARDED

MERCED COUNTY, Calif.—Valley Paving & Construction Co., P. O. Box 1349, Fresno, at $44,036.30 awarded the contract by State Highway Commission, Sacramento, for about one mile grading and paving with asphalt concrete in the City of Merced, between southerly boundary and B Street.

CONTRACT AWARDED

MONO COUNTY, Calif. — Kennedy Const. Co., 1140 Chatham Road, Oakland, at $36,222 awarded contract by the State Highway Commission, Sacramento, for about 2.1 miles grading and surfacing with bituminous treated selected material in Mono County, between one mile north of Bodie Road and Point Ranch.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until June 24, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for the improvement of San Antonio Ave from San Jose-San Francisco Road to Alma St., in Supervisor's District No. 5. The work involves construction of 62,000 sq. ft. of oil macadam pavement.

Plans and specifications obtainable at the office of County Surveyor Robt. D. Chandler, at a charge of $1.

BIDS WANTED

SAN FRANCISCO.—Until June 15, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,861 for widening the roadway on Lake St. between Arguello Blvd. and Sixth Ave. Estimated cost, $7,725.

The work involves:
(1) 2822 l.f. granite curb, redressed and reset;
(2) 122 l.f. armored concrete curb;
(3) 10 catchbasins, complete;
(4) 4 catchbasins, complete (existing gratings to be used);
(5) 14 concrete curb inlets;
(6) 7 street signs relocated;
(7) 800 sq. ft. remove existing asphalt-concrete pave., consisting of a 6-in. concrete base and an asphaltic concrete wearing surface, where directed;
(8) 66 tons remove and replace asphaltic concrete wearing surface where directed;
(9) 220 sq. ft. 6-in. Class E concrete base;
(10) 8810 sq. ft. 8-in. Class E concrete pavement;
(11) 10 tons asphaltic concrete conform pavement;
(12) 8040 sq. ft. 1-course concrete sidewalk;
(13) 300 sq. ft. brick sidewalk, consisting of a 3½-in. Class E concrete base and a brick wearing surface set in cement mortar;
(14) 20 Type No. 1 galvanized sheet iron pedestrian cross walk markers in place;
(15) 110 cross walk markers removed and reset;
(16) 500 sq. ft. lawn removed and replanted;
(17) 14 sycamore trees, relocated;
(18) 2 olive trees, relocated;
(19) 1 acacia tree replaced;
(20) 4 palm trees, relocated;

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

SACRAMENTO, Cal. — Until June 20, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, 1 St., between 9th and 10th Sts., for the planing and shaping to a uniform cross section 500,000 sq. ft., more or less, of pavement.

Specifications obtainable from the above office.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—J. B. McIntosh, 1842 Gardena Ave., Glendale, and Walker-Martin Corp., Ltd., 1307 W. 48th St., Los Angeles, at $9,104.50 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete culvert on Foothill Blvd. at Hall Beckley Canyon Wash.

CONTRACT AWARDED

MARIN COUNTY, Cal.—E. A. Forde 640 Redhill Ave., San Anselmo, at $4,210 sumitted low bid and awarded contract by the Marin County Board of Supervisors, San Rafael, for the treatment with asphaltic oil and screenings of the following streets:

Laurel Grove Ave. from Ross City Limits to the Kentfield-Green Brae Road, a distance of 3575 feet (heavy armor coat).

Old State Highway from Kentfield-Green Brae Road to Kentfield Railroad Station(shoulders, armor coat).

Elm Ave., Kentfield, from the Kentfield-Green Brae Road easterly for approximately 600 feet (armor coat).

Terrace Ave., Kentfield, from the Kentfield-Green Brae Road easterly for approximately 600 feet (armor coat).

Sims Street, California Park, from the San Rafael-San Quentin State Highway easterly for a distance of approximately 1200 feet(armor coat).

San Rafael-San Quentin Road via California Park, from San Rafael City Limits to Jacoby Street, California Park, approximately for a distance of 5700 feet (armor coat).

Olive Ave., Lomita Park, a distance of approximately 1100 feet (armor coat).

The work involves:
(1) 200 bbls. light oil;
(2) 80 tons heavy oil;
(3) 675 tons rock;
(4) 350 tons screenings;
(5) 50 tons birdeeye rock.

Complete bids follow:
E. A. Forde, San Anselmo .. $4,210.00
P. S. Harless, San Rafael..... 4,322.50
Pala Alto Road Materials Co., Palo Alto 4,447.70

BIDS WANTED

COCONINO COUNTY, Ariz.—Until June 25, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for furnishing approximately 180 tons asphaltic road material 95 plus, for use on Sections B and C of Route 4, the Ashfork - Flagstaff - Angell National Forest Highway, Kaibab National Forest, Coconino County.

Specifications obtainable from the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, or 802 Title & Trust Bldg., Phoenix.

CONTRACT AWARDED

SAN FRANCISCO—Piombo Bros. & Co., 1571 Turk St., at $123,880 awarded contract by the Public Utilities Commission, City Hall, under Airport Contract No. 34, for the construction of field fill for extension of landing field at the San Francisco Airport.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until July 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 3.6 miles grading, surfacing with crusher run base, and applying bitumious surface treatment in San Mateo County between Edgemar and Thornton.

The work involves:
(1) 250,000 c.y. rdwy. excav., unclass.
(2) 1,450,000 sta. yds. overhaul;
(3) 5,200 c.y. struc. excav.;
(4) 188 sta. finishing rdwy.;
(5) 10,500 tons crusher run base;
(6) 150 tons asphaltic emulsion;
(7) 2,150 tons screenings;
(8) 120 c.y. Class A Portland cement concrete (structures);
(9) 11,500 lbs. bar reinf. steel (struc.)
(10) 28 MFBM redwood timber select all heart structural grade;
(11) 1,100 l.f. 8-in. CMP;
(12) 2,800 l.f. 10-in. CMP;
(13) 1,500 l.f. 18-in. CMP;
(14) 942 l.f. 24-in. CMP;
(15) 352 l.f. 30-in. CMP;
(16) 228 l.f. 30-in. CMP (at Sta. 223);
(17) 14 l.f. existing CMP culverts removed and salvaged;
(18) 800 l.f. 8-in. perf. metal pipe underdrains;
(19) 430 l.f. 12-in. do;
(20) 330 c.y. rock filling material (underdrains);
(21) 12 each embankment protectors;
(22) 200 each guide posts;
(23) 0.3 mile new property fences;
(24) 0.15 mile special property fences, Type A;
(25) 0.35 mile do. Type B;
(26) 60 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the offices of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

VENTURA and Los Angeles Counties, Cal.—Until July 11, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 5.6 miles grading and paving with Portland cement concrete, and widening two bridges, in Ventura and Los Angeles Counties, between Little Sycamore Canyon and Encinal Canyon.

The work involves:
(1) 299 sta. clearing and grubbing the right of way;
(2) 5,200 M. gals. water;
(3) 258,500 c.y. rdwy. excav., unclass.
(4) 6,080 c.y. struc. excav.;
(5) 1,700 c.y. ditch and channel excavation;
(6) 835,000 sta. yds. overhaul;
(7) 490 c.y. removing existing conc.;
(8) 9,150 c.y. sand;
(9) 55,000 sq. yds. blending subgrade
(10) 50,500 sq. yds. preparing subgrade
(11) 299 sta. finishing rdwy.;
(12) 2,200 sq. yds. asph. paint binder;
(13) 700 tons mineral agg. (plant-mixed surfacing);
(14) 40 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(15) 65 tons liquid asph. SC-2 (prime coat);
(16) 680 tons liquid asph. SC-2 (shoulders);
(17) 54,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 70 tons liquid asphalt 90-95 (seal coat);
(19) 800 tons screenings (seal coat);
(20) 9,400 sq. yds. preparing and shaping gutters;
(21) 10,100 c.y. Class A Portland cement concrete pavement;
(22) 139,000 lbs. bar reinf. steel (pavement, bridges and structures);
(23) 13,650 each pavement dowels;
(24) 1,075 c.y. Class A Portland cement conc. (bridges and struc.)
(25) 13.5 c.y. Class F Portland cement concrete (bridge railing);
(26) 435 lbs. misc. iron and steel;
(27) 650 lbs. bronze expansion plates;
(28) 338 l.f. temporary timber railing;
(29) 1 lot misc. items of work;
(30) 830 l.f. 18-in. standard reinf. concrete pipe;
(31) 600 l.f. 24-in. do;
(32) 180 l.f. 30-in. do;
(33) 410 l.f. 24-in. extra strength do;
(34) 380 l.f. 30-in. do;
(35) 90 l.f. 36-in. do;
(36) 1,920 l.f. 8-in. CMP;
(37) 50 l.f. 18-in. CMP;
(38) 100 l.f. 24-in. CMP;
(39) 60 each spillway assemblies;
(40) 90 each culvert markers;
(41) 1.2 miles new property fences;
(42) 12 each drive gates;
(43) 10.5 miles moving and resetting property fences;
(44) 80 each monuments.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the district engineers in San Francisco and Los Angeles.

BIDS OPENED

TUOLUMNE COUNTY, Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $16.45 per ton, total $1,398.25 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for applying a bituminous dust palliative on 7.206 miles of Section C of Route 38, the Sonora Pass National Forest Highway, and Section A of Route 83, the Pine Crest National Forest Highway, Stanislaus National Forest, Tuolumne County.

The work involves furnishing and applying 85 tons of liquid asphalt road material, Type S.C. 1-A. Complete bids follow:
(A) Pacific Truck Service, Inc., San Jose, $16.45 per ton; total, $1,398.25

B) Palo Alto Road Materials Co., Palo Alto, $19 per ton; total, $1615.
C) Hayward Bldg. Materials Co., Hayward, $20 per ton; total $1700.
D) J. P. Breen, Sacramento, $21 per ton; total, $1785.
E) Lambs Transfer Co., Long Beach, $27.45 per ton; total, $2333.25.
F) Engineers Estimate, $18 per ton, total $1530.
Bids held under advisement.

ONTRACT AWARDED

SOUTH SAN FRANCISCO — Union aving Co., 624 Call Bldg., San Franisco, at $5971.75 (Schedule 1) awardd contract by the South San Franisco City Council for pavement reairs on Grand Avenue, between Mission Road and Linden Ave.; on Linen Ave., between Armour Ave. and allroad Ave., and on Railroad Ave., etween Linden Ave. and a point 500 et westerly therefrom.

IDS WANTED

SAN LUIS OBISPO COUNTY, Cal. —Until June 24, 2 P. M., bids will be eceived by the Department of Public Works, Division of Highways, L. H. ibson, District Engineer, 50 Higuera t., San Luis Obispo, for the construcon of about 2.6 miles property fences n San Luis Obispo County, between Morro and Atascadero.

The work involves:
1) 5.45 miles new property fence;
2) 17 each, drive gates.

Specifications obtainable from the bove office.

IDS WANTED

GRAHAM COUNTY, Arizona.—Until une 11, 10 A. M., bids will be reeived by the Arizona State Highway ommission, Phoenix, for highway onstruction on the Safford - Bowie unction Highway, NRS 115-A (1935) FE 8103. The work, which extends om Safford south for a distance of x and one-fifth miles, consists of rading and draining the roadway and rnishing and placing aggregate base ourse. The principal items and apoximate quantities are:

5,500 c.y. roadway excav.;
3,600 sta. yds. earth overhaul;
7,900 c.y. mi. earth haul;
7,100 c.y. imported borrow (CIP);
,100 c.y. aggregate base course, CIP
154 c.y. concrete;
2,700 lbs. reinf. steel;
724 l.f. bituminous coated CM pipe (various sizes);
,700 l.f. line fence;
600 l.f. construct fords to section;
39 MBM treated timber;
2 MBM untreated timber;
,460 l.f. treated timber piling;
,600 l.f. gravel walk;
and other incidental items.

A proposal guarantee in an unenrsed certified or cashier's check of ot less than 5% of the gross amount the bid, made payable to the State reasurer of Arizona, is required. unds have been programmed for the onstruction of this project in amount f $66,297.46. In the event contract nit prices indicate a total cost of he project as planned in excess of he amount of funds programmed for he project, the length of the work ill be shortened, if necessary, to eep the cost within the funds altted. T. S. O'Connell, State Highay Engineer.

IOTICE TO BIDDERS

RIVERSIDE AND SAN BERNARDINO COUNTIES, Cal.—A representative of the District Office will accompany prospective bidders over the roposed project in Riverside and San Bernardino Counties, between 6 miles orth of Blythe and Vidal, Road XI-Iv,SBd-146-C, D, E, A, for which ids are to be received in Los Angeles on June 20, 1935.

Said representative will meet prospective bidders at intersection Blythe-Vidal Road and Route 64 (U.S. 60) on Friday, June 7, and Friday, June 14, 1935, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

BIDS WANTED

STATE OF WASHINGTON.—Until June 25, 2 P. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Pend Oreille County: Washington Public Works Project consisting of producing mineral aggregrtes and constructing a light bituminous surface treatment and non-skid seal on about 2.8 miles of State Road No. 3, Addy to Blue Creek, Section 1, in Stevens County; constructing bituminous macadam Class D penetration type on about 4.7 miles of State Road No. 3, Deer Park to Clayton, Section 2, in Spokane and Stevens Counties; constructing bituminous macadam Class D penetration type on about 6.0 miles and a non-skid seal on about 9.7 miles of State Road No. 6, Bear Creek to Rogers Pass, in Pend Oreille County.

Pacific County: Washington Public Works Project on State Road No. 12 consisting of producing mineral aggregate and constructing a bituminous surface treatment on about 14.2 miles Palix River to Johnson's Landing, Section 1, in Pacific County; surfacing and producing mineral aggregate and constructing a bituminous surface treatment on about 17.9 miles Johnson's Landing to Grays River, Section 2, in Pacific and Wahkiakum counties; and producing mineral aggregates and constructing a bituminous surface treatment on about 6.6 miles, Bear River to Ilwaco, Section 3, in Pacific County.

Wahkiakum Co.: Washington Public Works Projects, State Road No. 12, consisting of surfacing, producing mineral aggregates and constructing bituminous surface treatment, on about 19.5 miles, Coal Creek Slough to Cathlanet, Section 1, in Cowlitz and Wahkiakum Counties; producing mineral aggregates and constructing a bituminous surface treatment on about 7.9 miles, Cathlamet to Skamokawa, Section 2, in Wahkiakum County; constructing a bituminous surface treatment on about 10.7 miles, Eastside of K. M. Mountain to Grays River, Section 3, in Wakhiakum County.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

BIDS WANTED

SHASTA & SISKIYOU COUNTIES, Cal.—Until June 27, 2:00 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading and placing subgrade reinforcement on a portion of Section D, and bituminous treatment (light surface application) on the portion of Section D, and on a portion of Section E, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta Counties. The length of the portion of Section D is 0.718 miles; and of Section E, 3.18 miles.

The work involves:
(1) 5.5 acres clearing;
(2) 38,400 cu. yds. unclassified excavation;
(3) 670 cu. yd.s do for structures;
(4) 118,000 sta. yds. overhaul;
(5) 680 lin. ft. corrugated metal pipe
(6) 2 each Type A spillway inlets;
(7) 321 cu. yds. concrete;
(8) 38,000 lbs. reinforcing steel.
(9) 200 cu. yds. crushed rock or gravel for backfill,
(10) 6 each right-of-way monuments;
(11) 110 lin. ft. 6-in. cast iron water pipe;
(12) 1500 cu. yds. placing stockpiled subgrade reinforcement;
(13) 160 tons liquid asphaltic road material-Type S.C.-2.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

COCONINO COUNTY, Ariz.—J. A. Casson, Phoenix, at $133,775 submitted low bid to the Bureau of Public Roads, 802 Title & Trust Building, Phoenix, for placing bituminous treated crushed rock surfacing on 14.605 miles of Sections A1 and A2 of Route 1, all of Route 2, and on headquarters service roads, Canyon National Park, Coconino County.

Complete total bids follow:
(A) J. A. Casson, Phoenix, $133,775.
(B) Phoenix-Tempe Stone Co., Phoenix, $142,296.25.
(C) R. C. Tanner and W. E. Hall, Phoenix, $149,767.50.
(D) Engineer's Estimate, $81,660.

Unit bids will be published shortly.

BIDS OPENED

COCONINO COUNTY, Ariz.—Identical bids at $12.60 per ton, total ,$16,-191, for furnishing approximately 1285 tons of emulsified asphalt for use on Sections A1 and A2 of Route 1, all of Route 2, and on headquarters service roads, Grand Canyon National Park, Coconino County, were received by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, from the following:

Union Oil Co., Los Angeles; Gilmore Oil Co., Los Angeles; American Bitumuls Co., Los Angeles, and the Richfield Oil Co., Los Angeles, by William McDuffie, Receiver.

The Shell Oil Co., San Francisco, bid $0.0525 per gal. or $12.60 per ton.

All bids f.o.b. Los Angeles.

Bids held under advisement.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

PUENTE, Los Angeles Co., Calif.—A. J. Frazier, No. Whittier Heights, at $17,869.75 awarded contract by the Whittier Mutual Water Co., Puente, May 27 for constructing a reinforced concrete storage reservoir, 156 ft. in diameter, with a capacity of 2,000,000 gals. Edward R. Bowen, 1132 Central Bldg., Los Angeles, consulting engineer. The other bids were:

C. W. Johnston, $18,235.00.
Brock & Clark, L. A., $20,381.92.
W. H. McCune, Monrovia, $21,000.
Cresmer Mfg. Co., Riverside, $21,-100.00.
Valley Pipe Yard, Puente, $22,511.70.
H. A. Teget, Ontario, $22,685.00.
Case Const. Co., $23,232.00
Robt. E. McKee, $23,500.00.

Bids were opened May 24.

CONTRACT AWARDED

BONNEVILLE, Ore.—General Elec. Co., Schnectady, N. Y., at $1,144,880 fob Schnectady, awarded contract by the U. S. Engineer Office, 627 Pittock Block, Portland, under Bid No. 698-35-603, for construction and installation in complete operating condition of two 43,200-kw., vertical shaft alternating current generators in the power plant of the Bonneville Dam.

Complete bids published May 29.

PLANS APPROVED

BONNEVILLE DAM, Ore. — Plans for fishways at Bonneville Dam have been definitely determined by the U. S. Army Engineers, according to the

State Fish Commission. Total cost of provisions to conserve salmon, four fish ladders, one on each side of main channel, one at north end of power house, and one on Oregon shore between Tanner Creek and Bradford slough; passage for fish between tail race and navigation lock; two double fish locks, one on Washington shore and one at south end of power house; collecting trap built into downstream face of power house, connecting with ladder at north end of power house and with both fish lock and fish passage at south end of power house; two collecting traps, one on each side of main channel and three fingering passes, one at each end of spillway and one at south end of power house.

Fish ladders will be 40-ft. wide with gradient of 1-ft. vertical to 16-ft. longitudinal. Fish locks will be 20-ft. wide and 30-ft. long. Water supply will be sufficient to provide flow of 4.5 second feet through each foot of opening in collecting traps.

Major Chas. F. Williams, District Engineer, 627 Pittock Block, Portland.

CONTRACT AWARDED

GRAND COULEE DAM, Washington.—Colby Steel & Engineering Co., Central Building, Seattle, has been awarded a contract by the Mason-Walsh-Atkinson-Kier Company, general contractors for the construction of the Grand Coulee Dam, to furnish and install four steel cantilever cranes to operate on three railroad track trestles across Columbia River at Grand Coulee Dam. Trestle is 160-ft. high, crane reach 248-ft. form outside points downward 250-below boom level, with a capacity of 11 tons each, to be electrically operated with about a 250-hp. motor. Estimated cost $160,000 to $175,000.

BID OPENING POSTPONED

BONNEVILLE DAM, Oregon—Until July 9, 3:00 P. M., bid opening date postponed from June 25, 3:00 P. M., previously reported, bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694-35-29, for furnishing, erecting in place at the site, and putting in an operating condition seven steel intake gates for the powerhouse, nine sections of steel draft tube stop logs, nineteen steel gates for the spillway dam, one 130-ton gantry crane for the powerhouse intake, one 30-ton gantry crane for the powerhouse draft tubes, two 350-ton gantry cranes for the spillway dam, lifting beams for use with the cranes and accessories, for the Bonneville Dam.

Complete list of bid items and description published June 3. *

BIDS WANTED

CASPER, Wyo.—Until July 15, 10 A. M., bids will be received by the Bureau of Reclamation, Casper, Wyo., under Spec. No. 590, for the construction of the Alcova Dam, Casper-Alcova Project, Wyoming.

The work is located near Casper, and will include the following principal items:

(1) 1,651,300 c.y. all classes of open-cut excavation for dam;
(2) 1,720 c.y. spillway tunnel and shaft excavation;
(3) 1,500 c.y. backfill;
(4) 1,500 c.y. riprap at spillway outlet;
(5) 935,300 c.y. earth fill in embankment;
(6) 127,000 c.y. sand, gravel and cobble fill in embankment;
(7) 388,000 c.y. rock fill in downstream portion of embankment;
(8) 61,000 c.y. riprap on upstream slope of embankment;
(9) 275 c.y. gravel fill on trash-rack structure;
(10) 730 c.y. concrete in drainage tunnels and shaft;
(11) 920 c.y. concrete in gate chamber and tunnel plug;
(12) 20,130 c.y. concrete in spillway;
(13) 3,185 c.y. concrete in other parts of dam;
(14) 150,000 cu. ft. pressure grouting;
(15) Placing 2,200,000 pounds of reinforcement bars;
(16) Drilling 54,000 l.f. of grout and drainage holes;
(17) Drilling 3,700 l.f. of holes for anchor bars;
(18) Constructing 6,150 l.f. of 4- to 15-in. clay pipe drains;
(19) Installing 1,754,800 lbs. of metal work;
(20) Installing 6,500 l.f. of electrical conduit.

The work shall be commenced within 30 days and completed within 930 days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Casper, Wyo.; Denver, Colo. or Washington, D. C.; without charge to prospective bidders; to others, $3 not returnable.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—M. J. Lynch, Barnevald & Oakdale Aves., San Francisco, at $2170 awarded contract by the Public Utilities Commission, City Hall, San Francisco, under Spec. No. W. D. 78, for relocating a portion of the Alameda Pipe Line on El Camino Real in the City of San Mateo.

32—SEWERS & SEWAGE DISPOSAL PLANTS

LOW BIDDER

LOS ANGELES, Cal.—Joe Sutalo, 476 Camulos St., Los Angeles, at $18,680 submitted low bid to the Los Angeles Board of Public Works, City Hall June 5, for constructing vitrified clay pipe sanitary sewer and appurtenances in Inglewood Blvd., between Victoria Ave. and Venice Blvd., and portions of other streets and alleys in the Mountain View Ave. and Venice Blvd. Sewer District.

CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—Diamond Building Materials Co., Antioch Road and Harbor, Pittsburg, at $5,167.50 awarded contract by Contra Costa County Board of Supervisors for furnishing sewer pipe and fittings fob trench, at the Rivercrest Sewer District, about two miles west of Pittsburg.

As pervious reported, the SERA has allocated $31,136 for labor.

CONTRACT AWARDED

SAN FRANCISCO.—J. B. Rogers Co., 110 Sutter St., at $675 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,855, for digging test pits and making borings at the site of the Marina Sewage Pumping Plant and force main.

BIDS WANTED

GRANTS PASS, Ore.—Until June 28, 10:30 A. M., bids will be received by the Grants Pass City Council, C. R. Duer, City Recorder, for the construction of a sewage treatment plant to be located near the present point of discharge of the city sewer system into Rogue River.

The plant consists of a diversion manhole, screen chamber, settling tank (rectangular or circular alternates) with mechanisms, sludge well, chlorinating chamber, pump and operating house, digester, and glass covered sludge drying beds, with all necessary equipment.

Bids will be taken as follows:

Section 1 Excavation, 2170 c.y.;
Section 1 (a) Excavation, 2170 c.y.;
(b) Reinf. concrete, 480 c.y.
(c) Misc. piping, appurtenances, etc.;
Section 2 (a) Glass sludge bed cover, 5240 sq. ft.;
Section 3 (a) Settling tank cleaning mechanism;
Section 4 (a) Sludge pumps, reciprocating type;
Section 5 (a) Gas burning hot water heating equipment;
Section 6 (a) Chlorinator.

Plans and specifications obtainable from the office of the City Recorder or from Barr & Cunningham, Spalding Bldg., Portland, upon payment of $1 for Section 1, and $5 for Section 2 which will be refunded in case a regular and bona fide bid is made and the documents returned. Specifications covering Sections 3, 4 an 5 will be supplied without charge to manufacturers.

The PWA has allotted $45,000 to aid in construction.

BIDS WANTED

LOS ANGELES, Cal.—Until July 3:30 P. M., bids will be received by County Sanitation District No. 2, 1 N. Broadway, for constructing a submerged pipe line for the ocean outfall of the Joint Outfall Sewer at White Point, in accordance with plans and specifications prepared by A. K. Warren, Chief Engineer. The proposed line will consist of 668 ft. of double line 60-in. pipe and 4310 ft. of single line 60-in. pipe. Alternate bids will be taken on cast iron and on reinforced concrete pipe. The project will include the construction of a cut-off wall, 21 manholes, and a diffuser structure at the ocean end. The first 2260 ft. of the line will be embedded in tremie concrete below the bed of the ocean, the balance of the line to be laid on the bottom. Plans and specifications will be ready shortly. A charge of $5 (not returnable) will be made for each set. A. A. Soule, secretary.

BIDS OPENED

SAN FRANCISCO—Chas. L. Harney, 443 Call Bldg., San Francisco, at $3.4 per lin. ft. total $952 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,864, for the extension of the Blanket St. sewer from Gillette Avenue south easterly to the existing box sewer, involving 280 lin. ft. of 24-in. vitrified clay pipe sewer in place.

Complete bids follow:

Chas. L. Harney (1) per lin. ft., $3.40 (2) total, $952.
W. C. Akard, (1) $3.89; (2) $1089.20.
Fay Improvement Co., (1) $3.90; (2) $1092.
M. J. Lynch, (1) $4.10; (2) $1148.
James T. Tobin, (1) $4.20; (2) $1176.
Bayshore Constr. Co., (1) $4.24; (2) $1187.20.
C. C. W. & H. H. Haun, (1) $4.25; (2) $1190.
Theo. Cohn, (1) $4.85; (2) $1358.
E. J. Treacy, (1) $4.32; (2) $1209.60.
W. J. Tobin, Oakland, (1) $4.10; (2) $1148.

All bidders of San Francisco.
Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—Union Paving Co., 624 Call Bldg., at $58,893.20 was awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,797, for the construction of sewers and appurtenances in the area adjacent to the crossing of 18 and Folsom Streets.

DISTRICT FORMED

BARSTOW, San Bernardino Co., Cal.—The formation of the Barstow Sanitary District carried at the special election June 4. The cost of the proposed works, including a sewage disposal plant, is estimated at $40,000. The members elected were: Newton A. Henderson, Sanitary Assessor; C. L. Garver, Carl J. Underwood, E. L. White, L. P. Whitney and W. A. Knaggs.

33— WATER WORKS

CONTRACT AWARDED

VENTURA, Ventura County, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $1,760, plus sales tax, awarded contract by Ventura County Supervisors June 7 for furnishing and erecting a bolted steel water tank of 126,000 gallons capacity, with installation of the necessary fittings to connect to existing water line at the tank site, located at Moorpark, for County Water Works District No. 1. Cash Contract No. 921.

BID OPENING POSTPONED

SUTTER COUNTY, Cal.—Until July 9, 3 P. M., bid opening date extended from June 25, 3 P. M., previously reported, bids will be received by the U. S. Engineer Office, Captain J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Spec. No. 6757, for the construction of three drainage pumping plants along the easterly levee of Sutter By-Pass in Sutter County.

PLANS AWAITING APPROVAL

SAN FRANCISCO.—Plans and specifications for installing Section B of the Park-Presidio District Extension to the Auxiliary Water Supply System for Fire Protection have been submitted to Clifton E. Hickok, Northern California District Engineer of the PWA.

Estimated cost, $72,000.

BIDS WANTED

VENTURA COUNTY, Calif. — Until June 7, 10 A. M., (date changed from June 21) previously reported, bids will be received by the Ventura county supervisors for furnishing and erecting a bolted steel water tank of 126,000 gals. capacity, with installation of the necessary fittings to connect to existing water line at the tank site, located at Moorpark, for County Water Works District No. 1. Cash Contract No. 921. Plans and specifications may be obtained from Chas. W. Petit, County Surveyor. Deposit or certified check for 10% must accompany each bid. L. E. Hallowell, county clerk.

PROPOSAL DEFEATED

MONTEREY COUNTY, Cal.—A proposal to form the Monterey Peninsula Municipal Public Utility District, comprising the cities of Monterey, Carmel and Pacific Grove, for the aquisition of the existing privately-owned water system, was defeated by a vote of 2,107 to 1,038, at a special election held June 4.

BIDS OPENED

SAN CARLOS, Ariz.—Bids for furnishing and erecting one 2500-bbl. capacity steel oil fuel storage tank for the San Carlos Project No. 261, Coolidge, Ariz., under Bid No. 0175, were opened by the U. S. Indian Irrigation Service, Room 524, 751 S. Figueroa St., Los Angeles, June 4.

The bids were:

Lacy Mfg. Co., Los Angeles, $2900 fob site or $1375 fob cars Los Angeles; shipping weight, 31,000 pounds. Shipment within ten days; erection completed within 15 days.

Chicago Bridge & Iron Works (F. W. Schooley, contracting engineer) 608 S Hill St., Los Angeles, $2385 fob site or $1875 fob cars Chicago; shipping weight, 30,000 lbs. Terms net. Shipment within 10 days; erection completed within 15 days.

Consolidated Steel Corp., Ltd., Los Angeles, $1890 fob cars Los Angeles; shipping wt., 29,600 lbs. Terms net. Shipment within ten days; erection completed within 15 days.

Western Pipe & Steel Co., Los Angeles, $1595 fob site or $1802 fob San Carlos; shipping weight, 31,000 lbs. Terms net. Shipment from Los Angeles within 10 days; erection completed within 15 days.

National Tank & Mfg. Co., Los Angeles, $2405 fob site or $2078 fob cars Los Angeles; shipping weight, 33,000 lbs. Shipment from Los Angeles within 10 days; erection completed within 15 days. Terms net.

BIDS WANTED

JACKSONVILLE, Oregon — Until June 27, bids will be received by the Jacksonville City Council for waterworks improvements, including the construction of a 6x8-ft. tunnel approximately 200-ft. long, with portals; furnishing and installing about 8500 feet of 6-in., and about 1330 ft. of 8-in. water pipe with necessary connections, fittings, valves, specials, and other accessories. All materials are to be furnished f.o.b. Jacksonville.

Separate contracts will be let for:

(1) Tunnel;
(2) Furnishing materials;
(3) Labor;
(4) Installing pipe and fittings.

Plans and specifications obtainable from Engineer D. T. McDonough, City Hall, Medford, upon deposit of $5.

Work will be financed in part by PWA funds.

The bid opening was postponed from May 27, previously reported.

BID CALL CANCELLED

LOS ANGELES, Cal.—Veterans' Administration has cancelled the call for bids for furnishing and installing deep well pumps at the Veterans' Administration Facility, Los Angeles. Bids were scheduled to have been opened June 25, 2:30 P. M.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

SAN FRANCISCO — Until June 19, 1:45 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for erecting a chain link double gate at the entrance to the cafeteria of the San Miguel School located on San Jose Ave. and Seneca Street.

Frame to be copper-bearing tubular steel, galvanized fabric to be copper-bearing steel, two-inch mesh, No. 9 gauge galvanized after weaving.

Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

33— WATER WORKS

BIDS WANTED

SALT LAKE CITY, Utah. — Until July 8, 10 A. M., bids will be received by the Bureau of Reclamation, 336 Federal Bldg., Salt Lake City, under Spec. No. 602, for the construction of Ephraim Tunnel and Spring City Tunnel, Ephraim and Spring City Divisions, Sanpete Project, Utah.

The work is located near Ephraim and Spring City, and involves:

(1) 3,100 c.y. all classes of open-cut excavation;
(2) 16,440 c.y. excavation in tunnel;
(3) 2,230 c.y. concrete in tunnel;
(4) 5,700 cu. ft. of gunite tunnel coating;
(5) placing 1,300 lbs. of reinf. bars;
(6) furnishing and erecting 60 MFBM of permanent timber in tunnel.

Work shall be commenced within 30 days and completed within 625 days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, Salt Lake City, Utah; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others, $0.75 not returnable.

New Manufacturing Methods Give

Pennvernon Window Glass

extreme flatness—uniform thickness—clearer visibility
higher luster on both sides and freedom from defects

W. P. FULLER & CO.

301 MISSION STREET, SAN FRANCISCO
259 TENTH ST., OAKLAND — Phone HOliday 4163
Pacific Coast Distributors

STEEL BUILDING SPECIALTIES

Steel Windows — Roller Screens — Dura Steel Products
Dumb Waiters — Incinerators
Barcol Overdoor Garage Doors
Venetian Blinds — Roller Shades

CALL US FOR ESTIMATES

BATES - CARPENTER & COMPANY

604 MISSION ST. - SAN FRANCISCO - GARFIELD 8542

Section 435½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

State Postpones Highway Bid Openings

Bids June 26 for Lowell High Repairs

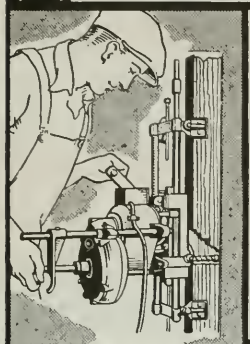
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

E 22, 1935

Vol. XVIII—No. 25

WAPPAT Electric TOOLS



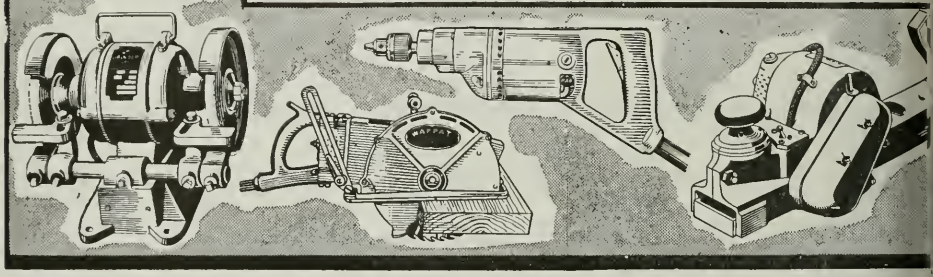
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angele

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., JUNE 22, 1935 No. 25

lostpone State Highway Contract Bids To Meet New Federal Regulations

The California State Highway Commission yesterday readvertised construction contracts now out for bids, that include Federal money, order to insert new government procurement regulations. The order ects six projects.

Bid openings scheduled today in Sacramento and tomorrow in s Angeles and those scheduled for June 26 and 27 have been canled and new dates have been set.

The cancellations followed inuctions from Washington to the S. Bureau of Public Roads disct engineers that all contracts arded after June 12, in which government participates, must igate the contractor to conform whatever hour and wage condins may be imposed by Congress. e instructions were issued on hority of Director of Procureent C. J. Peoples.

State contracts will contain a pulation similar to the followr which has been added to conct forms for forest highway rk now advertised by the Bu-u of Public Roads:

"Bids are requested on the basis that of subsequent legislation shall require observance of minimum wages and/or maximum hours of employment and/or limitation as to age of employes in the performance of government contracts any contract entered into shall be subject to modification to accord with such statutory requirements to the extent authorized or required by law."

The order affects all California te jobs now advertised except five small oiling contracts ich are financed entirely from oline tax funds.

Following are the contracts for ich new bid opening dates were

Sonoma County: Widening and ing 1.2 miles in the city of San-Rosa; postponed from June 26 July 3.

Siskiyou County. Grading 8.2 es between Cougar and 4 miles rtheast of Grass Lake Station; tponed from June 26 to July 3.

Stanislaus County. Grading and facing (roadmix) 4.5 miles been Newman and south of Crows nding; postponed from June 19 July 3.

Riverside and San Bernardino unties. Asphalt treatment on 33.5 miles between 6 miles north of Blythe and Vidal; postponed from June 20 to July 11.

Los Angeles County. Grading and paving 2.1 miles on Cerritos Avenue between Los Angeles St. and Artesia Ave.; postponed from June 27 to July 11.

Ventura and Los Angeles Counties. Grading and paving 5.6 miles and widening two bridges between Little Sycamore canyon and Encinal cayon; bid opening July 11 as originally scheduled, but under new regulations.

EUREKA VOTES $65,000 BONDS

A bond issue of $65,000 for construction of a civic auditorium was approved by Eureka voters at a special election this week. The building is to be erected on a site at Eleventh and F streets now owned by the school district. Preliminary plans for the auditorium have been prepared by Architects Newton Ackerman and Frank Georgeson of Eureka.

COLLINS CHAIRMAN OF S F ENGINEERS

Frank Collins of Pan-American Engineering Company, Mills Bldg., has been elected chairman of the San Francisco Section, American Society of Mechanical Engineers, for the year 193[illegible] [illegible] for the ensuing year are Robert L. Grutzmacher, vice-chairman; K. B. Anderson, secretary-treasurer [illegible] Grutzmacher is with Natural Gas Equipment, Inc., 1123 Harrison St., and Mr. Anderson with Coast Industrial Gas Co., 225 Bush street.

SEGREGATE BIDS ON REBUILDING LOWELL SCHOOL

City Splits Contracts In Readvertising Project

Reconstruction of Lowell High School, estimated to cost approximately $81,700, has been advertised by the San Francisco Department of Public Works under seven segregated contracts. Bids on three contracts will be opened Wednesday, June 26, and on the remaining four Friday, June 28.

Work for which proposals will be received June 26 includes general work, to cost $40,000; ornamental iron and steel, to cost $6,700; and brick work, cost of which is estimated at approximately $7,000.

On June 28 the Department will open bids for metal furring, lathing and plastering, estimated to cost $18,000; slate blackboard, cork and linoleum to cost $4,500; sheet metal work, estimated at $3,500; and roofing, cost of which is set at approximately $2,000.

Work includes repairing fire damage to drawing rooms, attic, roofing, ceiling and other portions of the building. L. H. Nishkian is engineer for the project.

The project previously was advertised under a single general contract, but bids received at that time exceeded the funds available for the work and were rejected. At that time L. H. Petersen submitted the low proposal, at $140,382.

The school is located on the block bounded by Hayes, Ashbury, Grove and Masonic Avenue.

WATER MEASUREMENT BULLETIN PUBLISHED

"Measuring Water for Irrigation" is the title of a bulletin just published by the Agricultural Experiment Station of the University of California. J. E. Christiansen, junior irrigation engineer, is the author. The material has been prepared primarily for farmers, ditch-tenders and county agents, but includes an explanation of some principles of water measurement and some methods which will interest students and engineers.

ICKES ORDERS COULEE DAM PLAN CHANGES

M-W-A-K Contract Revised to Lay Foundation For High Structure

Plans for Grand Coulee Dam have been altered extensively under an order approved by Secretary of the Interior Ickes. The order calls for construction up to a height of 177 feet of the complete section for the 475-ft. dam ultimately contemplated.

The work now under contract called for construction of a 297-ft. power dam and a permanent cofferdam, both of which eventually would be incorporated into the larger structure. The latter will create a reservoir 15 miles long to store 5,200,000 acre-ft. of water for use in irrigating about 1,200,000 acres of arid land in the Columbia Basin and installation of power generators with a capacity of 1,890,000 kw. The revised plans abandon immediate power development.

When the Grand Coulee contract was let it was planned to construct a low dam for hydro-electric power production pending the time when the Columbia Basin project should be developed completely. Since then authorization of other power dams in the Pacific Northwest have reduced the need for an immediate power development at Grand Coulee. Another consideration in making the change was that the engineering problems connected with bonding the proposed high dam to the low dam as now being built would be much more serious than those connected with bonding it to the flat foundation surface now planned. Since excavation has been under way, rock slides from the cliffs above the streambed have demonstrated the advisability of completing the full foundation for the high dam immediately to avoid the future necessity of duplicating excavation work.

Work done by the contractors, Silas Mason Company, Inc., Walsh Construction Co., and Atkinson-Kier Co. to date can be utilized fully without waste in construction of the dam now planned. Of the $15,000,000 allotted by PWA for Grand Coulee, nearly $8,000,000 has been spent at the damsite in excavating and other preparations for actual mixing and pouring of the concrete.

The low dam at Grand Coulee would have cost $63,000,000 together with installation of generating equipment. Engineers of the Bureau of Reclamation estimate that the revised plans will call for somewhat less expenditure. While no generating equipment is called for in the new plans foundations will be built for both power houses planned in connection with the proposed high dam. Original plans called for the construction of only one of these power houses.

$400,000 Courts Building Planned By Monterey Board

Monterey county supervisors have directed Architects Charles Butner, Salinas, and Robert Stanton, Pebble Beach, to prepare sketches of a new county court house to cost $400,000.

The supervisors hope to obtain a PWA grant of 45 per cent of the cost and to finance the balance through a bond issue. The bond proposal probably will be submitted at an election August 13, the same date as the bond election for financing new construction at state institutions.

A tentative site has been selected in Salinas on county-owned property on Cayuga St. between Howard and West Alisal.

The supervisors also have authorized Architect Butner to draw plans for a small wing addition at the Monterey county hospital to relieve overcrowding.

Sacto. Exchange Display Dwelling Cost $12,258

Final cost of "Lucky Manor", the display home sponsored by the Sacramento Builders' Exchange, is $12-182, according to a report by Martin C. Bolts, treasurer of the Modernize Sacramento Committee. The home is now open for inspection.

The campagin budget, including cost of the house, is $15,000.

Bolts' statement shows the receipts from ticket sales to date are $10,258.35. Unreported sales are estimated at $2,000, making a total estimated income of $12,258.35. An additional income from ticket sales of $4,516.65 will be required to meet all campaign costs and refund $1,-775 which the campaign committee advanced. This advance was the balance of proceeds realized in public auction of the modernize "Inspiration House," sponsored by the Exchange last fall.

Allyn L. Burr, chairman of the campaign committee, said the group hopes to restore the original fund balance and use it in another Better Housing program later this year.

BAKERSFIELD SCHOOL BUILDING PROGRAMMED

Bakersfield school directors have approved a building program totaling $106,275 to be started this year. Projects include a classroom addition to Longfellow school to cost $30,000 and new building at Emerson school costing $41,000. Architects Chas. Biggar and E. J. Symmes have been commissioned to prepare plans.

STATE TO LET OILING JOB

Five Contracts Pending I Northern California Counties

Bids on five State highway pr ects involving asphalt treatme will be opened in the next t weeks, four by district enginee and one by the State Highw Commission in Sacramento. T projects are located as follows:

Butte, Colusa and Glenn Co ties: Approximately 41 miles of l uid asphalt treatment at six d ferent locations. The work w require a total of about 735 tons liquid asphalt. C. H. Whitmo district engineer at Marysvil will open bids June 24.

Tuolumne County: About 2 miles of liquid asphalt treatme between Hump Siding and Sono Pass. Approximately 385 tons liquid asphalt will be requir Bids will be opened June 24 R. E. Pierce, district engineer Stockton.

Amador and Alpine Countie About 21.9 miles of asphalt tre ment between Cooks Station a Picketts. Work will require 3 tons of liquid asphalt. Bids on t project will be opened June 25 Stockton by District Engineer E. Pierce.

Siskiyou County: Applying Cl "B" seal coat on approximately 1 miles between Dorris and fo tenths of a mile east of Mt. bron. The work involves 170 t of liquid asphalt and 2,020 tons screenings. F. W. Haselwood, d trict engineer at Redding, will en bids July 2.

Plumas County: About 59.4 mi of asphalt treatment at five diff ent locations in the county. T work requires 1,297 tons of liq asphalt. Bids will be opened Sacramento July 3 by the St Highway Commission.

PAVING BRICK STANDARD REVISE

Simplified Practice Recommen tion R1-35, Vitrified Paving Br has been accorded the required gree of acceptance by the indus and became effective June 15, 1 according to an announcement the Division of Simplified Pract National Bureau of Standards.

The original Simplified Prac Recommendation, covering the es and varieties of vitrified pav brick, was formulated by the dustry in 1922. The current r sion was proposed and develo by the Permanent Committee the Simplification of Varieties Sizes.

Until ready in printed form, c plimentary copies of this Sim fied Practice Recommendation, mimeographed form, may be tained from the Division of S plified Practice, National Bu of Standards, Washington, D. C

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

Owner	Contractor	Amt.
Conners	Huenergardt	3000
Klussmann	Owner	10000
Stoneson	Owner	3000
Same	Owner	3000
Same	Owner	3000
Same	Owner	3000
Naylor	Owner	7500
Union	Early	6000
Y M C A	Wagner	42800
Heyman	Lindsay	3950
Morgan	Meinberger	3000
Austin	Owner	3000
Heyman	Lindsay	3950
Heyman	Lindsay	3000
Chan	Owner	1100
Heyman	Lindsay	3950
R C Archbishop	Coburn	1000
McKales	Owner	8000
Lurie	Jones	1000
Strand	Owner	8000
Clark	McSheey	2687

'ELLING
5) W PACHECO ST. 50 S Dewey Blvd. One-story and basement frame dwelling.
ner—J. M. Conners, 1830 19th Ave., San Francisco.
nitect—Not Given.
tractor — D. G. Huenergardt, 120 Montalvo St., S. F. $3000

ELLING
5) NW GREEN and Calhoun; 2-story and basement frame dwelling.
ner—Dr. Hans Klussmann, 959 Clayton Street.
nitect—Louis Schalk, % owner. $10,000

ELLING
) S CAYUGA 250 E Geneva Ave.; one - story and basement frame dwelling.
er—Stoneson Bros., 1630 Ocean.
nitect—Chas. Strothoff, % owner. $3,000

ELLING
) S CAYUGA 200 E Geneva Ave.; one - story and basement frame dwelling.
er—Stoneson Bros., 1630 Ocean.
itect—Chas. Strothoff, % owner. $3,000

ELLING
) S CAYUGA 225 E Geneva Ave.; one - story and basement frame dwelling.
er—Stoneson Bros., 1630 Ocean.
itect—Chas. Strothoff, % owner. $3,000

ELLING
) E 27th AVE 50 N Vicente; 1-story and basement frame dwelling.
ner—Stoneson Bros., 1630 Ocean.
itect—Chas. Strothoff, % owner. $3,000

ERATIONS
) 437-39 POWELL Street; alter restaurant.
ner—Tiny Naylor, premises.
itect—A. R. Williams, 251 Post Street. $7,500

VICE STATION
) NW TENTH ST. and Mission; one-story steel service station.
ner—Union Oil Co., Mills Bldg.
s by Owner.
tractor—Fred J. Early, Jr., 369 Pine Street. $6,000

CLUB HOUSE
(591) E BUCHANAN 100 S Geary; two-story frame clubhouse.
Owner—Y. M. C. A. of San Francisco ,trustees, 220 Golden Gate Ave.
Architect—Fred. H. Meyer, Underwood Bldg.
Contractor—Geo. Wagner and K. E. Parker Co., 181 South Park. $42,800

DWELLING
(592) E 27th AVE. 50 S Cabrillo; 1-story and basement frame dwelling.
Owner—Heyman Bros., 742 Market St.
Architect—R. R. Irvine, % owner.
Contractor—C. T. Lindsay, 140 Duboce Avenue. $3,950

ALTERATIONS
(593) 888 MARKET ST.; alter store.
Owner—Morgan Jewelry Co., premises
Architect—Bliss & Fairweather, 1001 Balboa Ave.
Contractor — H. S. Meinberger, 956 Folsom Street. $3,000

STORE
(594) NE CHURCH AND DAY STS. One-story frame store.
Owner—Geo. Austin, 2401 Jackson St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco. $3000

DWELLING
(595) E WEBSTER ST. 100 N Bay. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3950

DWELLING
(596) W DUNSMUIR ST. 165 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3000

ALTERATIONS
(597) NO. 5 AND 7 KEYES ALLEY. Alter flats.
Owner—Lacke Chan, 947 Jackson St., San Francisco.
Architect—Not Given. $1100

DWELLING
(598) E WEBSTER ST. 75 N Bay St. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3950

ALTERATIONS
(599) NO. 719 VAN NESS AVE SO. Alter hall.
Owner—Roman Catholic Archbishop, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn Jr., 2048 Market St., San Francisco. $1000

STATION
(600) NW TWENTY-FOURTH AND Valencia Sts. One-story Class A service station.
Owner — McKale's Inc., 1002 Claus Spreckels Bldg., San Francisco.
Architect—Not Given. $8000

ALTERATIONS
(601) NO. 429 BUSH ST. Alter hotel
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco. $1000

FLATS
(602) W TWENTY-FIFTH AVE. 254 N Fulton St. Two-story and basement frame flats.
Owner—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given. $8000

REPAIRS
(603) NO. 2215 LARKIN ST. Repair fire damage to apartments.
Owner—Fred J. Clark, Premises.
Architect—Not Given.
Contractor—J. B. McSheehy, 137 Clifford Terrace., S. F. $2687

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
(384)	Delahriandias	Owner	2750
385	City	Rose	1383
386	Potter	Bristol	6000
387	Chesney	Owner	4000
388	Ingram	Owner	2000
389	Bemis	Owner	3250
390	Shock	Owner	4000
391	Variety	QRS	1001
392	Herrick	Webb	2100
393	Gellette	Confer	——
394	State	Overaa	1058
395	State	Overaa	1190
396	Reynolds	Grubb	3100
397	Filippi	Owner	2400
398	Fong	Owner	1600
399	Rainier	Moore	1400
400	Brock	Independent	3000
401	Westling	Windsor	7000
402	Dean	Owner	2000
403	Selbald	Owner	1400
404	Woolsey	Dildien	1000
405	Conti	Faramia	2800

STATION
(384) 2547 E-TWENTY - SEVENTH St., **OAKLAND.** One-story concrete service station.
Owner—A. Delabriandias, Premises.
Architect—Not Given. $2750

FIELD HOUSE
(385) CITY PARK, **PIEDMONT;** field house.
Owner—City of Piedmont.
Architect—Not Given
Contractor—A. H. Rose, 478 25th St., Oakland. $1383.00

DWELLING
(386) 1065 WINDSOR AVE., **PIEDMONT;** dwelling.
Owner—R. A. Potter.
Architect—Miller & Warnecke, Oakland.
Contractor—Mark Bristol & Co., 1038 McKinley Ave., Oakland. $6,000

DWELLING
(387) 5960 ASCOT DR., **OAKLAND;** two-story 5-room dwelling.
Owner and Contractor—R. H. Chesney, 942 Vermont St., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $4000

DWELLING
(388) 64 HERMOSA AVENUE, **OAKLAND;** one-story 5-room dwelling.
Owner and Builder—W. S. Ingram, 67 Norman Lane, Oakland.
Architect—Not Given. $2000

DWELLING
(389) 5549 SNAKE RD., **OAKLAND**; one-story 5-room dwelling.
Owner and Builder—Fred L. Bemis, 985 Post St., San Francisco.
Architect—Not Given. $3250

DWELLING
(390) 2909 SHASTA ROAD, **BERKELEY**; 1-story 4-room frame dwelling and garage.
Owner—N. W. Shock, 1347 La Loma, Berkeley.
Architect—C. H. Treichel, 636 Cleveland St., Oakland. $4,000

SIGN
(391) 5556 COLLEGE AVE., **OAKLAND**; electric sign.
Owner—The Varsity, premises.
Architect—Not Given
Contractor—Q.R.S. Neon Corp., 630 Potrero Ave., San Francisco. $1001

DWELLING
(392) 4633 DAVENPORT AVENUE, **OAKLAND**; one-story six room dwelling (unfinished).
Owner—F. H. Herrick, 4747 Davenport Ave., Oakland.
Architect—Not Given.
Contractor—Webb and Whalin, 2930 22nd Ave., Oakland. $2100

RESIDENCE
(393) 191 SANDRINGHAM ROAD, **PIEDMONT**. Two-story 9-room residence and garage.
Owner — R. C. Gellette, 5856 Picardy Drive, Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $—

ALTERATIONS
(394) NO. 705 THIRTY-EIGHTH ST. **OAKLAND**. Alterations.
Owner—State of California, Premises.
Architect—Not Given.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond. $1058

ALTERATIONS
(395) NO. 715 THIRTY-EIGHTH ST., **OAKLAND**. Alterations.
Owner—State of California, Premises
Architect—Not Given.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond. $1190

DWELLING
(396) NO. 10515 BREED AVE., **OAKLAND**. One-story 5-room dwelling and one-story garage.
Owner—E. Reynolds, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $3100

DWELLING
(397) NO. 871 STANFORD AVENUE, **OAKLAND**. One-story five-room dwelling.
Owner—D. Filippi, 1016 61st St., Oakland.
Architect—Not Given. $2100

DWELLING
(398) NO. 876 THIRTIETH STREET, **OAKLAND**. One-story 8-room dwelling and one-story garage.
Owner—Richard Fong, 650 10th St., Oakland.
Architect—Not Given. $1600

ALTERATIONS
(399) NO. 751 E-EIGHTH ST., **OAKLAND**. Alterations.
Owner—Rainier Brewing Co., Prem.
Architect—Not Given.
Contractor—John J. Moore, 354 Hobart St., Oakland. $1400

STATION
(400) NO. 1101 UNIVERSITY AVE., **BERKELEY**. One-story steel service station.
Owner — C. W. Brock, Genevieve A. Chas. S. and Clarence R. Brennan.
Plans by Standard Oil Co., 225 Bush St., San Francisco.
Contractor—Independent Iron Works, 821 Pine St., Berkeley. $3000

DWELLING
(401) NO. 37 HILLWOOD PLACE, **OAKLAND**. Two-story 7-room dwelling.
Owner—L. L. Westling, 801 Wesley Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont. $7000

ALTERATIONS
(402) NO. 3440 FOOTHILL BLVD., **OAKLAND**. Alterations.
Owner—J. P. Dean, 5533 Morse Drive, Oakland.
Architect—H. F. Slocombe, 1331 Monte Cresta Ave., Oakland. $2000

DWELLING
(403) NO. 8815 PLYMOUTH STREET **OAKLAND**. One-story 3-room dwelling.
Owner—Chas. C. Seibald, Premises.
Architect—Not Given. $1400

DWELLING
(404) NO. 6015-17-19-21 SHAFTER Ave., **OAKLAND**. One-story 13-room dwelling.
Owner—Leon H. Woolsey, 6001 Broadway, Oakland.
Architect—Not Given.
Contractor—Dildine & McKibben, 350 63rd St., Oakland. $10,000

DWELLING
(405) NO. 1633 CURTIS ST., **BERKELEY**. One-story 5-room frame dwelling and garage.
Owner—Victor Conti, Premises.
Architect—Not Given.
Contractor—John Faramia, 877 Madison St., Albany. $2800

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

109	Shalnwald	Johnson	2879
129	Latham	Murray	170
130	Williams	Jensen	14650
131	Porter	McCabe	8650
132	Bielawski	Tipton	165
136	Weith	Sorensen	210
137	Saxon	Batchelor	98

PAINTING
(129) NO. 242 SEVENTEENTH AVE. All work for painting exterior of residence and replace deteriorated flue casing.
Owner—Arthur J. and Clara W. Latham, Premises.
Architect—Not Given.
Contractor—John J. Murray, 35 Jersey St., San Francisco.
Filed June 12, '35. Dated June 10, '35. HOLC Contract.
TOTAL COST, $170
Bong. $170. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Specifications only filed.

SHOP AND OFFICE
(130) NW BRYANT ST. AND OAK Grove Ave. All work for one-story shop and office building.
Owner——Oliver J. and Leontine M. Williams, 745 Bryant St., S. F.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—G. P. W. Jensen & Sons, 320 Market St., San Francisco.
Filed June 12, '35. Dated June 4, '3
On 15th of each month..... 75
Completed, sum sufficient to hring payment to 75
Usual 35 days..... Balanc
TOTAL COST, $14,6
Bond, $7325. Surety, Columbia Casualty Co. Limit, 50 working days. Forfeit, none. Plans and specification filed.

DWELLING
(131) S NORTH POINT 154 W Buchanan; two-story and basemen frame dwelling.
Owner—Dr. C. C. Porter, 135 Alhambra Street.
Architect—Not Given
Contractor—James W. McCabe, 71 Ulloa Street.
Filed June 13, '35. Dated June 12, '3
When roof is on $2,6
Brown coated 2,0
Completion 2,0
Usual 35 days 2,0
TOTAL COST, $8,6
Limit, 90 working days.

PAINTING
(132) 199 15th AVE.: painting exterior wood work and metal work.
Owner—Margaret Bielawski, 199 15t Avenue.
Architect—Not Given
Contractor—Tipton & Soanes.
Filed, June 13, '35. Dated June 12, '3 HOLC Contract.
TOTAL COST, $165.0
Bond, $165. Sureties, The Fidelity & Casualty Co. of New York. Specifications filed.

SERVICE STATION
(38) MARKET and Buchanan; service station at above address (except steel building to be furnished and erected by others; pumps tanks, etc., to be furnished by the owner; asphalt paving by others.
Owner—Union Oil Co. of California 220 Bush Street.
Architect—Not Given
Contractor—Robt. P. Kelly, 2227 20th Avenue.
Filed June 14 '35. Dated Apr. 24, '35
Within 5 days of acceptance.....75%
Usual 35 days..... 25%
TOTAL COST, $6,27
Bond, $6,276. Sureties, Coast Surety Corp.; Limit, 35 days. Plans and Spec. filed.

SEPVICE STATION
(39) TENTH and Mission Sts.; service station at above address (except steel building to be furnished and erected by others; pumps tanks, etc., to be furnished by the owner; asphalt paving by others.
Owner—Union Oil Co. of California 220 Bush Street.
Architect—Not Given
Contractor—Fred J. Early, Jr., 36 Pine Street.
Filed June 14, '35. Dated, May 28, '3
Within 5 days of acceptance.....75%
Usual 35 days..... 25%
TOTAL COST, $4,981.0
Bond, $4,981. Sureties, Columbia Casualty Co. Limit, 35 days. Plans and Spec. filed.

DWELLING
(40) S KIRKHAM 135 W 15th Ave. one-story and basement fram dwelling.
Owner—Harry J. Daniels, 1701 Sutte Street.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—James E. Fennell.
Filed June 14, '35. Dated June 12, '3
Completion of roof..... 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $4,35
Limit, Sept. 15, 1935.

DWELLING
(41) 22 ROBLE ROAD, Berkeley, dwelling.
Owner—Barrett B. and Winifred C. Heard, 19 Bridge Road, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Walter Sorensen, 2940 Piedmont Ave., Oakland.
Filed June 15, '35. Dated June 14, '35.
Frame complete $10,745.00
First coat plaster 10,745.00
Completion 10,745.00
Usual 35 days 10,745.00
TOTAL COST, $12,980.00
Limit, No. 1, 1935. Plans and Spec. filed.

ALTERATIONS
(136) NO. 1036 KANSAS ST. All work for painting exterior of dwelling and repairing plaster of bathroom ceiling.
Owner—Anna M. Weith, Premises.
Architect—Not Given.
Contractor — J. Wm. Sorensen, 42 Dwight St., San Francisco.
Filed June 18, '35. Dated May 12, '35. HOLC Contract.
TOTAL COST, $210
Bond, $210. Surety, Coast Surety Corp. Limit, forfeit, none. Specifications only filed.

ALTERATIONS
(137) NO. 312 TWENTY - FOURTH Ave. All work for interior and exterior painting and miscellaneous repairs to dwelling.
Owner—George and Madelon Saxon, Premises.
Architect—Not Given.
Contractor—G. H. Batchelor & Son, 450 Hayes St., San Francisco.
Filed June 18, '35. Dated June 12, '35. HOLC Contract.
TOTAL COST, $98.75
Bond, $98.75. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
36	Naylor	Trammel	10187
39	Herrick	Webb	2041

DWELLING
(36) LOTS 9 and 10 BLK 3, Lakeshore Highland, Oakland; dwelling.
Owner—Forest U. and Mildred Marie Naylor, 415 Bellevue, Oakland.
Architect—William W. Wurster, 1730 Jones St., San Francisco.
Contractor—Enoch Trammal, 483 Crescent, Oakland.
Filed June 14, '35. Dated, June 11, '35
Frame complete $2546.75
Brown plastered 2546.75
Completion 2546.75
Usual 35 days 2546.75
TOTAL COST $10,187
Limit, 70 days. Plans and Specifications filed.

DWELLING
(37) LOT 11 BLK 5, Claremont Tct, Oakland; dwelling.
Owner—M. P. and Margaret L. Whitney, 154 Brookside Dr., Oakland.
Architect—William W. Wurster, 1730 Jones St., San Francisco.
Contractor — Emil Person, 829 San Luis Road, Berkeley.
Filed, June 14, '35. Dated, June 13, '35
Frame complete $2251.47
Plastered 2251.47
Completion 2251.48
Usual 35 days 2251.48
TOTAL COST, $9,005.90
Limit, Sept. 22, 1935. Plans and Spec. filed.

HOUSE
(39) LOT 5 BLK 57, PARK PLACE, Oakland. One-story house.
Owner—Mr. and Mrs. E. H. Herrick, 4717 Davenport Ave., Oakland.
Architect—Not Given.
Contractor—Thos. Webb and Donald Whalin, 2930 22nd Ave., Oakland.
Filed June 18, '35. Dated June 10, '35.
Rafters in place $680.45
When completed 680.45
Usual 35 days 680.45
TOTAL COST, $2041.35
Bond, none. Limit, 1 days. Forfeit, $10 per day. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER store, $875; S Fulton St. 182 W Gough St.; owner, J. F. Leahy and P. H. Sturtevant, % Architect architect, A. A. Schroepfer, 244 Kearny St.; contractor, W. L. Jose, 710 Arguello Blvd.

ALTER hotel, $114; 62 Third St.; owner, Hyman Bros. Co., Kohl Bldg.; contractor, Schrader Iron Works, 1217 Harrison St.

FLUE, $21; N 16th St. 60 W Mission St.; owner, Wm. F. Schosser, 3019 16th St.; contractor, Robert J. Neilan, 39 Isis St.

SIGN, electric, $250; 2592 Mission St.; owner, Burt's Shoes, Premises; contractor, Novelty Elec. Sign Co. 66 Washburn St.

SIGN, electric, $350; 56 Mason Street; owner, Hotel Bristol, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.

ALTER for restaurant, $450; 254 California St.; owner, Welch Bldg., 244 California; contractor, Franzen & Parent, 145 Natoma St.

ALTER store, $400; 2275 Chestnut St. owner, H. L. Detten, 1495 Francisco St.; contractor, T. Macdermand, 2175 Lombard St.

ALTER hotel, $200; 1482 Sutter St.; owner, G. B. Curtis, Premises.

FLUE, $40; 286 Divisadero Street; owner, C. Lindberg, 1 Naylor St.; contractor, New Mission Sheet Metal Works, 3401 Mission St.

BARBER pole, $4; 113 Jones Street; owner, Alfred Escobar, Premises; contractor, Deckelman Mros., 48 Turk St.

ALTER hotel, $487; 210 Ellis Street; owner, Crocker First Nat'l. Bank, Post and Montgomery Sts.; contractor, Patterson & Koster Iron Works.

BOARD fence, $100;NE Third and Folsom Sts.; owner, United Building Constr. Co., 321 Bush Street.

ALTER theatre, $300; 933 Taraval St.; owner, Golden State Theatre Co., 25 Taylor St.

SIGN, electric, $75; 252 Eddy Street; owner, El Tay Parking, Premises; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER dwelling, $350; 50 20th Avenue owner, E. N. Kierluff, Premises; architect, Bakewell & Weihe, 251 Kearny St.; contractor, E. W. Yount, 315 Avila St.

ALTER dwelling, $500; 389 Edinburgh St.; owner, Mrs. Marie Sorbi, Premises; contractor, John Antone, % Owner.

SIGN, cloth, $13; 525 Grant Ave.; owner, M. Shinkai, Premises; contractor, Al. Neill Sign Co., 911 Folsom

ALTER flats, $150; 507 5th Ave.; owner, N. Leyca, Prem.; contractor, A. W. Cordes, 666 Mission St.

SIGN, electric, $300; 46 West Portal; owner, Tunnel Ice Cream Co., 46 West Portal; contractor, Electrical Products Corp., 255 Golden Gate

SIGN, electric, $10; 847 Clay St.; owner, Dr. Lee, Premises.

ALTER dwelling, $250; 432 Buchanan St.; owner, J. Woebcke, 497 Oak St.; contractor, L. M. Coggins, 1128 Oak St.

ALTER dwelling, $50, 81 Ashbury Terrace; owner, Walter McGuire, Premises.

ALTER offices, $150; 358 Sutter St., owner, Paul Shoup, 16 California Street.

ALTER dwelling, $950; 1580 Plymouth St.; owner, Glen E. Smith, Prem.

ALTER store and lofts, $985; 219 Sutter St.; owner, G. S. Najarian Co., Prem.; contractor, Seymour Showcase and Fixture Corp., 251 Post Street.

ALTER dwelling, $100; 456 Silver Ave.; owner, R. J. and Edna M. Eldred, Premises.

SIGN, electric, $75; 1698 Fell Street; owner, Standard Stations, 225 Bush St.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER dwelling, $150; 14 Edna St.; owner, Victor Stormon, 2566 17th Avenue.

ALTER flats, $200; 57 Cumberland St.; owner, R. Hodge, Premises.

BILLBOARD, $6.25; NE Bayshore & Jerrold St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER stores, $875; 807 Market St., Pacific Bldg.; owner, Morris Benatar, Prem.; contractor, P. O. Lind Inc., 2745 16th St.

ALAMEDA COUNTY UNDER $1000

ADDITION, $150; 1812 E-24th St., Oakland; owner, Mrs. M. Cornett, Premises.

ALTERATIONS, $250; 4128 West St., Oakland; owner, B. Rimotto, 4128 West St.; contractor, E. P. Riep, 529 Stannnge Ave., Albany.

ALTERATIONS, $25; 389 8th Street, Oakland; owner, Lim Ben, 606 25th Street.

ALTERATIONS, $50; 4601 Telegraph Ave., Oakland; owner, J. Bertola, Premises; contractor, E. Campomenosi, 6401 Broadway Terrace.

REPAIRS, $20; 980 53rd St., Oakland; owner, Mrs. D. B. Bankhead, Premises.

SIGN, electric, $175; 4001 E-14th St., Oakland; owner, Fruitvale Motors Co., Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, electric, $90; 1204 Fruitvale Ave Oakland; owner, J. & J. Liquor Store, Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

BILLBOARD, $25; W 20th St. 453 W Telegraph Ave., Oakland; owner, Foster & Kleiser Co., 22nd and Market Sts.

REPAIRS, $25; 928 Grove St., Oakland; owner, C. Carbio, Premises; contractor, L. C. Dynes, 313 10th Street.

ALTER garage, $175; 714 43rd St., Oakland; owner, Thos. Hancock, Prem.; contractor, G. Tribuzio, 425 Market St.

FIRE repairs, $400; 350 Vernon Street, Oakland; owner, Mrs. Evers, % Contractor; contractor, W. K. Von Bokkelen, 354 Hobart St.

RE-ROOF, $160; 4428 Fleming Ave., Oakland; owner, Victor Loveland, Prem.; contractor, Crown Roofing Co., 1911 E-12th St.

ALTERATIONS, $45; 1539 Trestle Glen Road, Oakland; owner, W. A. Richards, Premises; contractor, M. Cretich, 2515 Adeline St.

SIGN, electric, $125; 1301 Fruitvale Ave., Oakland; owner, Dave Ross, Prem.; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, electric, $90; 3943 Broadway, Oakland; owner, Union Oil Co., Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

SIGN, electric, $90; 4001 Hopkins St., Oakland; owner, J. & J. Liquor Store, Premises; contractor, Getz Elec. Sign Co., 1009 Fruitvale Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Construction Started.
APARTMENTS Cost, $——
AUBURN, Placer Co., Cal.
Two-story frame and stucco apartments (7 apts. and 9 single rooms)
Owner——Matt Langstaff.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—W. H. Griffith, Auburn.

Contract Awarded.
REPAIR APTS. Cost, $3500
SAN FRANCISCO. No. 2265 Larkin Street.
Repair fire damage to apartments.
Owner——Mr. Chaput.
Architect—Not Given.
Contractor—Miller & McGillis, 527 19th Ave., San Francisco.
Plumbing—Higgins & Kraus, 741 Tehama St., San Francisco.
Electric—Collonan Elec. & Mfg. Co., 3201 Mission St., San Francisco.

3— CHURCHES

Preparing Working Drawings.
ADDITION Cost, $2000
COLUSA, Colusa Co., Cal.
Addition to Sunday School at St. Stephens Episcopal Church (add one large room & kitchen) frame construction).
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Bids will be asked in about two weeks.

Sub-Contracts Awarded.
DIOCESAN HOUSE Cost $50,000
SAN FRANCISCO. SW Taylor and Sacramento Streets.
Two-story reinforced concrete diocesan house (slate roof, steam heating system, steel sash, etc.)
Owner—Protestant Episcopal Dioceses of California, Premises.
Architect—Lewis P. Hobart, 525 Market St., San Francisco.
Structural Engineers—T. Ronneberg and R. J. Fisher, Crocker Bldg.
Contractor — Dinwiddie Construction Co., Crocker Bldg.
Roofing—Alta Roofing Co., 976 Indiana Street.
Plastering—Peter Bradley, 639 Brannan Street.
Mill Work—Pacific Mfg. Co., 454 Montgomery Street.
Painting—D. Zelinsky, 165 Grove St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Tile—Malott & Peterson, 20th and Harrison Streets.
Ornamental Iron—Artistic Ornamental Iron & Wire Works, 341 Van Ness Ave., South.
Vault Doors—Herring Hall Marvin, 214 California Street.
Electric—Atlas Electric Co., 343 4th Street.
Plumbing and Heating—Jas. H. Pinkerton, 927 Howard St.
Hardware—Palace Hardware Co., 581 Market St.
Steel Sash—Soule Co., 1750 Army St.
As previously reported, reinforcing steel awarded to Gunn, Carle & Co., 20 Potrero Ave.; plaster models to Herman Bosch, 621 Minna St.; grading to Sibley Grading & Teaming Co., 165 Landers St.

To Ask Bids June 27.
ALTERATIONS Cost, $3000
SAN FRANCISCO. Sutter and Lyon Streets.
Alterations to two one-story frame cottages for church of St. Cyprian Mission (Colored) new front, plaster exterior, auditorium to seat 100
Owner—Episcopal Bishop of California
Architect—Arnold Constable, 580 Market St., San Francisco.

4— FACTORIES & WAREHOUSES

Electrical Contract Awarded.
MILK PLANT Cost, $——
ORLAND, Glenn Co., Calif.
Two-story brick and steel milk dehydrating plant (62x102 feet); steel stairways.
Owner—Golden State Creamery Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Mgr. of Constr. — E. W. Perkins, 425 Battery St., San Francisco.
Electric—Enterprise Electric Co., 1164 Mission St., San Francisco.
Roofing bids will be taken in about thirty days. Other awards previously reported.

Sub-Contracts Awarded.
FACTORY Cost, $12,000
SAN FRANCISCO. NW Bryant and Oak Grove Streets.
One-story Class C concrete industrial plant (composition roofing, concrete floors, etc.
Owner—O. J. and L. W. Williams.
Architect—Harold C. Ferree, 435 Valle Vista Ave., Oakland.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sts.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
As previously reported excavation and concrete awarded to Mission Concrete Co., 270 Turk St.

Contract Awarded.
WINERY Cont. Price, $44,093
KINGSBURG, Fresno Co., Calif.
Construct new winery.
Owner—Muscat Co-Operative Winery Assn. (C. W. Tremper, President).
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Contractor—John C. Meyers, Rt. I, Box 439, Stockton.

Being Done By Day's Work.
WAREHOUSE Cost, $6000
TRACY, San Joaquin Co., Cal.
Concrete and corrugated iron warehouse (60x120 feet).
Owner—Denver Alfalfa Milling & Products Co., Merchants Exchange Bldg., San Francisco.
Plans by Engineering Dept. of Owner.
Work is being done by owner's own forces under the supervision of Chas. Dana, Tracy.

CONTRACT AWARDED
LOS ANGELES, Cal.—Austin Company of California, 777 E. Washington Blvd., awarded contract for the erection of a one-story steel frame and concrete foundry building on Riverside Drive near Randolph St., for Magnus Co., Inc., 860 N. Main Street. Cost, $90,000.

Contract Awarded.
WAREHOUSE, ETC. Cost, $2,822
BURLINGAME, San Mateo Co., Cal.
NW Anita Road and Peninsula.
One-story warehouse, etc.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush St., San Francisco.

To Be Done By Day's Work.
WAREHOUSE & OFFICE Cost, $——
SAN FRANCISCO. Harrison and Veronica Place.
One- and two-story reinforced concrete warehouse and office bldg. (storage shed, etc.)
Owner—Steelform Contracting Co. 131 Perry Street.
Engineer—L. H. Nishkian, 525 Market Street.
Work will be done by day's work by owner's own forces.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 5-7 Keyes Alley.
Alterations to flats.
Owner—Lacke Chan, 947 Jackson St.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Steel Building Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO. SW Silver Ave. & Mission Street.
One-story steel service station and restrooms.
Owner—Sophie Rosenblum.
Lessee—Richfield Oil Co.
Plans by Engineering Dept. of Lessee.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Steel Building—G. T. Gettins, 830 Market St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $6,276
SAN FRANCISCO. Market and Buchanan Streets.
Steel service station.
Owner—Union Oil Company of California, 220 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Robert P Kelly, 2227 20th Avenue.

Plans Being Figured.
SERVICE STATION Cost, $——
LIVERMORE, Alameda Co., Cal.
Steel service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.

June 19, 1935

Plans Completed.
SERVICE STATION Cost, $10,000
SAN FRANCISCO. NW 24th and Valencia Streets.
One-story Class A service station.
Owner—McKale's, Inc., 1102 Claus Spreckels Bldg.

Plans by Engineering Dept. of Owner. Bids are in and will be awarded shortly.

To Be Done By Day's Work.
SERVICE STATION Cost, $3,000
SAN JOSE, Santa Clara County, Cal. 445 E. William Street.
Gasoline service station.
Owner—H. L. Allen, 38 South Fifth St., San Jose.
Architect—Not Given.

Contracts Awarded.
SERVICE STATION Cost, $4,000
BERKELEY, Alameda Co., Cal. 1101 University Avenue.
One-story steel service station.
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.
Steel Building—Independent Iron W'ks 821 Pine St., Oakland.

7— FEDERAL BUILDINGS

BID OPENING DATE POSTPONED
AMERICAN LAKE, Wash. — Until July 16, 2:30 P. M., (date postponed from June 18) bids will be received by Veterans' Administration, Arlington Bldg., Washington, D. C., for constructing transformer station and transmission line at the Veterans' Administration Facility, American Lake, Washington.

BID OPENING DATE POSTPONED
WALLA WALLA, Wash. — Until July 16, 2:30 P. M. (date postponed from June 18) bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing ice cream making plant at the Veterans' Administration Facility, Walla Walla. Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required for plans.

CONTRACT AWARDED
MARE ISLAND, Cal.—Frederick W. Snook Co., 596 Clay St., San Francisco, at $17,792 awarded contract by Navy Department for furnishing and installing the necessary apparatus to equip four boilers, Numbers 11 to 14 inclusive, to natural gas operation and for furnishing (but not installing) the necessary apparatus to equip two boilers, Nos. 9 and 10 for natural gas operation, all in the Central Power Plant, Bldg. No. 121 at the United States Navy Yard, Mare Island; Spec. No. 7920.

CONTRACT AWARDED
SAN DIEGO, Cal.—R. V. Morris & Co., San Diego at $1,100 awarded contract by Public Works Officer, San Diego, for improvements to fire protection system at the Naval Operating Base (Air Station) San Diego; Spec. No. 7978.

Bid Opening Date Postponed Until July 23, 1 P. M.
POST OFFICE Cost, $178,415
ALHAMBRA, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required for one set of plans and specifications.

Bid Opening Date Postponed Until July 22nd, 1 P. M.
CUSTOMS HOUSE Cost, $870,000
DENVER, Colorado.
United States customs house.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office upon deposit of $15.00.

CONTRACT AWARDED
ALCATRAZ, Cal. — Lee Dixon, 18 Eureka St., at $19,200 awarded contract by Wardon, U. S. Penitentiary, Alcatraz, for painting exterior and interior quarters buildings Nos. 4, 7, 8, 9, 10, 12, 13, 14, 15, 22, 28, 39, 43, 47, 58, 64, 72, 73, 74, 75, 76, 77, 83 and 87; Painting Invitation No. 351.
Contract awarded on items 1, 2, 3, 5 and 6.

Bid Opening Date Postponed Until July 3, 1 P. M.
POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Cal. Sylvan St. bet. Van Nuys Blvd. and Vesper Street.
One- and two-story reinforced concrete Post Office Building; tile roof steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.
Date was previously set for June 17, 1 P. M.

Bid Opening Date Postponed Until July 5, 1 P. M.
POST OFFICE Cost, $568,840
SAN PEDRO, Los Angeles Co., Cal. Beacon St., bet. 8th and 9th Sts.
Three-story and basement Class A Post Office building (250x100 feet) to house Post Office, Customs Department, immigration and public health service, shipping commission and hydrographic offices.
Owner—United States Government.
Architect—Gordon B. Kaufmann, 610 Union Bank Bldg., los Angeles, and W. Horace Austin, 532 Chestnut Ave., Long Beach.
Plans and specifications may be obtained from above office.
Date was previously set for June 20, 1 P. M.

CONTRACT AWARDED
CORVALLIS, Ore.—Newman Bros., McMinnville, Ore., at $797 awarded contract by Treasury Department for painting the plaster, etc., in the U. S. post office building at Corvallis.

BUILDING MATERIALS APPROVED
HOLLISTER, San Benito Co., Cal. —Treasury Department has approved the following equipment and material awards for the construction of the U. S. Post Office at Hollister. K. E. Parker Co., 135 South Park St., San Francisco, general contractors; boiler to Kewanee Boiler Corp., and oil and gas burner to Ray Burner Company.

BUILDING MATERIALS APPROVED
McMINNVILLE, Oregon.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office, McMinnville: Hoffman Const. Co., Portland, general contractors: lighting distribution panel to Fouchs Electric Mfg. and lighting fixtures to Perfeclite Company.

Bid Opening Date Postponed Until July 9th, 1 P. M.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal. D and Third Streets.
One - story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one-pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast stone steps, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required for one set.
Bids were previously scheduled to be opened on June 25, 1 P. M.

BID OPENING DATE POSTPONED
DENVER, Colo.—Until July 2, 1 P. M., (opening date postponed from June 18) bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for installing a complete elevator plant in the extension of the U. S. custom house at Denver.

8— CLUB BUILDINGS

Sub-Bids Being Taken.
CLUBHOUSE Cost, $35,000
SAN FRANCISCO. E Buchanan St. 100 S Geary Street.
Two-story and basement frame and stucco clubhouse (tile and composition roofing, steam heating system, wood and linoleum floors, gymnasium to have hardwood floors, etc.) provision made to add swimming pool at later date.
Owner—Japanese Y. M. C. A.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Sub-bids are being taken on all portions of the work.

9— HOSPITALS

Materials Being Purchased.
ADDITION Cost, $14,000
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant, tile and linoleum floors, etc.; 90x 39 feet.
Owner—Dr C. W. Weaver, Memorial Hospital (Colonel W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Following materials are being purchased by Colonel W. G. White, Supt., Healdsburg.
(1) Carpentry;
(2) Lumber;
(3) Mill Work.
(4) Brick and Masonry;
(5) Plumbing;
(6) Heating;
(7) Painting.

Preliminary Plans Completed.
ADDITION Cost, $——
AUBURN, Placer Co., Cal.
One-story reinforced concrete ward addition to county hospital (80-bed ward); composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Working drawings will be started shortly.

Plans Being Prepared.
WARD Cost, $150,000
MEDICAL LAKE, Washington.
New female ward building (to house 150 patients); (concrete and brick construction).
Owner—State of Washington.
Architect — Rigg & Vantyne, Peyton Bldg., Spokane.

TO ASK FUNDS
SONOMA COUNTY, Cal.—Board of Supervisors has directed County Surveyor E. A. Peugh to apply to PWA for loan and grant of $230,000 to finance county hospital building. Preliminary plans are for a 200-bed Class

B structure with reinforced concrete walls.

Contracts Awarded.
HOSPITAL, ETC. Cost, $——
ORLEANS, Humboldt Co., Cal.
One-story wood frame hospital unit and community center (63x36 ft.) shingle roof, wood floors, etc.
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 581 Market St., San Francisco.
Building to be constructed for the Mission of the Holy Spirit(Rev. C. W. Sills, Pastor).
Carpentry—R. E. Camp, Orleans.
Plumbing and Sheet Metal — J. H. Lowsley, Orleans.
Rough Lumber—J. Waldner, Somesbar

Plans Being Prepared.
WARD BLDG. Cost, $265,000
MEDICAL LAKE, Washington.
Ward building to house 306 male patients (brick and concrete construction).
Owner—State of Washington.
Architect—George M. Rasque, Spokane Savings & Loan Bldg., Spokane, Wash.

Plans Being Prepared.
WARD BLDGS. & CHAPEL Cost, $125,000
MEDICAL LAKE, Washington.
Two small ward buildings and a chapel.
Owner—State of Washington.
Architect—Geo. M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Bids will be asked by Olaf Olsen, Director of Finance, Budget and Business, Olympia, Wash.

Planned.
HOSPITAL Cost, $25,000
NEWMAN, Stanislaus Co., Cal.
New hospital building.
Owner—City of Newman.
Architect—Not Selected.
Application will be filed with the PWA for a loan and grant to finance construction.

Plans Being Prepared.
HOSPITAL, ETC. Cost, $235,000
SEDRO WOOLEY, Wash. Northern State Hospital.
Two-story fireproof hospital and clinical center (concrete exterior walls, interior tile partitions, linoleum, terrazzo or tile flooring, etc.)
Owner—State of Washington.
Architect — James M. Taylor, Arcade Bldg., Seattle, and James E. Blackwell, Medical Arts Building, Seattle, Wash.

Plans Being Prepared.
WARD BLDGS., ETC. Cost, $500,000
FORT STEILACOOM, Washington.
Two ward buildings, central kitchen, dining rooms and recreation hall (reinforced concrete construction, rough texture brick exterior walls etc.)
Owner—State of Washington.
Architect—Heath, Gove & Bell, P. S. Bank Bldg., Tacoma.

10— HOTELS

Contract Awarded.
COCKTAIL LOUNGE, ETC. $15,000
REDDING, Shasta Co., Calif.
Cocktail lounge in Hotel Redding (chromium bar, decorating, furnishings, Venetian blinds, etc.)
Owner—Hotel Redding (Mrs. Ora McKeown, Mgr.), Redding.
Architect—Not Given.
Contractor—J. P. Brennan, Redding.

Plans Being Prepared.
ALTERATIONS, ETC. Cost, $——
SAN FRANCISCO. No. 433 Powell Street.
Alterations and additions to Chancellor Hotel.
Owner—Chancellor Hotel.
Architect—Hertzka & Knowles (W. S. Hertzka, Architect), 982 Bryant St., San Francisco.

Planned.
ADDITION Cost, $6,500
YREKA, Siskiyou Co., Calif.
Addition to Clarendon Hotel (add 7 rooms and office space) reinforced concrete construction.
Owner—Clarendon Hotel.
Architect—Not Given.

Owner Taking Bids.
ABATTOIR Cost, $——
DIXON, Solano Co., Cal.
Addition and reconstruction of abattoir (steel frame and reinforced concrete construction, tar and gravel roof, steel sash, concrete floors, etc.)
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Owner is taking general contract bids.

12— POWER PLANTS

CONTRACT AWARDED
SEATTLE, Wash.—Allis - Chalmers Manufacturing Co., Smith Tower, Seattle, at $75,028 awarded contract for furnishing and installing a steam-turbo-alternator condenser and auxiliaries, switch board and switch gear and bridge crane for the power house addition under construction at Seattle. Only other bid was submitted by the Westinghouse Electric & Mfg. Co. at $75,115.

BIDS WANTED
SEATTLE, Wash. — Until June 27, 10 A. M., bids will be received by Paul Fredrickson, Purchasing Agent, 511 County - City Bldg., Seattle, for furnishing lighting fixtures and wiring devices for Diablo Power House.
Specifications obtainable from above office. G. W. Roberge, Secretary.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.
COURTHOUSE Cost, $300,000
SALINAS, Monterey Co., Cal. Site to be Selected.
New County Courthouse.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas, and Robert Stanton, Carmel.
Application will be filed with the PWA for a loan and grant to finance the proposed project. If accepted, a bond election will be called. Further details will be announced at a later date.

BIDS WANTED
BERKELEY, Alameda Co., Cal.—Until June 27, 11 A. M., bids will be received by the Regents of the University of California, for an installation of library stacks and flooring on part of the eighth tier, southwest block of stacks at the University Library, University of California, Berkeley.
Plans and specifications may be obtained from Cashier's Window No. 1, California Hall, University of California, Berkeley, upon deposit of $10.00.

Preliminary Plans Being Prepared.
JAIL and Sheriff's Office Cost, $——
AUBURN, Placer Co., Cal.
Two-story reinforced concrete jail building and sheriff's office.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

PREPARING PLANS
LOMPOC, Santa Barbara Co., Cal.—Architects Soule & Murphy, 116 E. Sola St., Santa Barbara, are preparing plans for the first unit of the Veterans' Memorial building to be erected in Lompoc by the Santa Barbara county supervisors. Will house an auditorium 56x80 ft. Cost, $29,000

COMMISSIONED TO PREPARE PLANS.
MOJAVE, Kern Co., Calif.—Architect Edwin J. Symmes, Haberfelde Bldg., Bakersfield, has been commissioned by the Kern county supervisors to prepare plans for an addition to the Kern county jail in Mojave.

Material Bids Wanted—To Close July 1st, 8 P. M.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One - story armory (adobe brick walls and partitions, tile roof, wood floors, etc.) auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Bids are being taken on the following materials:
(1) Plumbing, piping and plumbing fixtures;
(2) Electrical supplies, conduit and wire;
(3) Hardware.
Plans and specifications may be obtained from the City Clerk. Labor is being furnished by the SERA.
Other awards reported June 10.

BIDS OPENED
SAN QUENTIN, Marin Co., Cal.—H. P. Fischer Tile & Marble Co., 121 J St., Sacramento, at $888 submitted low bid to Department of Public Works for tile work at the State Penitentiary, San Quentin.
Complete bids follow:
H. P. Fischer Tile & Marble Co. Sacramento ..... $ 88
American Art Tile Co., S. F. 1,06
Sunset Tile Co., S. F. 1,13
Bids held under advisement.

Bids Opened.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. Allston and Grove Streets.
Alterations to attic in City Hall (work involves wood joists, completed flooring, new stairway, one partition, etc.)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Low Bidder—Lawrence Sullivan, 390 Loma Vista Ave., Oakland.
Complete bids follow:
Lawrence Sullivan, Oakland $69
Frank Stead, Berkeley 77
Walter Sorensen, Berkeley 89
Connor & Connor, Berkeley 89
Bids held under advisement.

PLANNED
SOUTHERN CALIFORNIA—Martin bill, providing $4,000,000 for a state penitentiary to be constructed in Southern California, has been passed by both the senate and the assembly. Initial capacity of the new prison is set at 1200. The measure carries $4000,000 appropriation for the acquisition of a site.

NEW BIDS WANTED
SAN FRANCISCO.—Until June 29, 11:30 A. M., new bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, City Hall, for repairing and refinishing cork floors and for granite pointing at the Public Library. No bids were received June 19 for the same work.

DS VOTED

REKA, Humboldt Co., Cal.—City reka voted bonds in the amount 5,000 on June 17 to finance con- tion of a civic auditorium in Eu- . Building will be 110x190 feet will have a seating capacity of oximately 3,000.
eliminary plans prepared by Ar- cts Frank Georgeson and New- Ackerman, Eureka.

S OPENED

N FRANCISCO.—American Bldg. tenance Co., 467 O'Farrell Street, 2,698 submitted low bid to De- nent of Public Works for exte- and interior painting at the Pub- library.
mplete bids follow:

rican Building Maintenance Company	$2,698
elinsky	2,897
. Thompson	2,999
. Paoli	2,999
nacl Company	3,080
Exley	3,690

is held under advisement.

S WANTED

KLAND, Cal.—Until June 25, 2 I., bids will be received by the and City Council, W. W. Chap- City Clerk, City Hall, for furnish- and installing acoustical material erating room of Fire Alarm Cen- Station.
ecifications obtainable from the e office.

S OPENED

N FRANCISCO — J. W. Bender ng Co., 1999 Bryant St., at $488 itted low bid to Department of ic Works for repairing roof of c Library, Larkin Square, bet. lister and Fulton Sts. Complete l follow:

. Bender Roofing Co.	$488
t Roofing Co.	557
re Roofing Co.	575

is held under advisement.

4— RESIDENCES

earing Working Drawings.

DENCE Cost, $——
CED, Merced Co., Calif.
- story all-wood residence (Co- onial type) 10 rooms, 3 baths; hake roof, wood sash, hardwood oors, tile baths, etc.
er—Withheld.
tect—Kent & Hass, 525 Market t., San Francisco.

Being Completed.

DENCE Cost, $7000
MONT, Alameda Co., Cal. Pied- ont Pines.
story frame and stucco residence rooms and 2 baths).
r—Wm. J. Killen.
tect—Miller & Warnecke, Finan- ial Center Bldg., Oakland.
s will be asked shortly.

Being Completed.

DENCE Cost, $4000
FRANCISCO. Twenty-second ve. and Moraga St.
story and basement frame and ucco residence (6 rooms) tile nd composition roofing, wood sh, tile bath, hardwood floors, c.
r & Builder—John Carlson, 2239 ryant St., San Francisco.
tect—D. E. Jaekle, 126 Post St., an Francisco.
s-bids will be taken within a few y

ntract Awarded.

DENCE Cost, $4000
ALTO, Santa Clara Co., Calif. o. 126 Harriet Street.
story frame and stucco residence

Owner—J. B. Sears, 1120 Parkinson St., Palo Alto.
Architect—Not Given.
Contractor — C. A. Pellymounter, 685 Bailey Ave., Los Angeles.

To Be Done By Day's Work.

ADDITION Cost, $2500
PALO ALTO, Santa Clara Co., Calif. No. 361 Poe Street.
Frame addition to residence.
Owner and Builder—W. F. Klay, 1726 Fulton St., Palo Alto.
Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $4,000
SAN FRANCISCO. W Dunsmuir 165 N Silver Avenue.
One - story and basement frame and stucco residence.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

Plans Being Figured—Bids Close June 24th, 12 Noon.

RESIDENCE Cost, $8,000
ORINDA, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (7 rooms and 2 baths) some basalite work; tile roof, oil burning heating system, steel sash, hardwood floors, etc.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.
Following will submit bids:
Albert Haskell, 255 Ridgway Ave., Oakland.
F. A. Kurtz, 364 41st St., Oakland.
H. K. Henderson, 393 40th Street, Oakland.
A. T. Beckett, 224 Scenic Avenue, Piedmont.
Harry Kane, 921 Ramona, Albany.

Plans Being Revised.

RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. Upper Piedmont Estates.
Two - story frame and brick veneer residence (12 rooms, 4 baths) gas hot air heating system, shingle roof, canvas walls, oak floors, steel sash, etc.
Owner—Withheld.
Architect—Williams and Wastell, 374 17th St., Oakland.

Preparing Working Drawings.

RESIDENCE Cost, $9500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths) slate roof, hot air heating system, steel sash, oak floors, tile baths, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Bids will be asked in about three weeks.

Preparing Working Drawings.

RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. O'Brien.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Bids will be asked in about thirty days.

Contract Awarded.

RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 10515 Breed Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—E. Reynolds, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland.

Contract Awarded.

RESIDENCES Cost, $5,000 each
SAN FRANCISCO. E Webster Street N Bay Street.
Two one-story and basement frame and stucco residences.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue.

June 20, 1935

Completing Plans

RESIDENCES Cost $5,000 each
SAN FRANCISCO. Monterey Heights, Fernwood and Homewood Sts.
Cape Cod, Early California and Colonial type two-story frame and stucco residences (6 rooms, two baths, plank floors, fireplaces, composition shingle roofs, gas-fired hot-air furnace).
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Owner will take bids from subcontractors on all portions of the work commencing Monday, June 24. Three houses are to be built immediately and plans are for immediate development of tract with 25 or more of similar design.

Preparing Plans.

RESIDENCE Cost, $5,000
MERIDAN, Colusa Co., Calif.
One - story wood frame residence (board and batten exterior, shake roof, oil burning heating system)
Owner—George Tarke.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Sub-Contracts Awarded.

RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story and basement brick veneer residence (9 rooms and 4 baths) shake roof, gas furnace, wood sash, hardwood floors, tile baths.
Owner—Arthur Kates.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Contractor—R. S. Silverberg 405 Montgomery St., San Francisco.
Lumber—Roth Maier, 2300 Third St., San Francisco.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Cement and Concrete Aggregates—Peninsula Building Materials Co., Palo Alto.
Plumbing—Scott Co., 243 Minna St., San Francisco.
Electric—General Repair Electric Co., 1051 Mission St., San Francisco.
Brick Work—Paul Messner, 1386 Palou St. San Francisco.

To Be Done By Day's Work

RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara County, Cal. 2098 Park Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner & Builder—R. D. Herschbach, 1078 W. Willow Glen Way, San Jose.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara County, Cal. Ninth Street near Hester.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—V. F. Van Dalsem, 285 South First St., San Jose
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 443 N. Second Street.
Alterations to frame duplex.
Owner—Adele P. Plummer, Premises.
Architect—Not Given.

Contractor—Morrison W. Reese, 1210 Minnesota Ave., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 1045 Hamline Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—C. W. Poole, Box 518, Ridgeview Ave., San Jose.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2,500
BURLINGAME, San Mateo Co., Calif. 1437 Bellevue Ave.
Alterations to residence.
Owner—S. R. Mathia.
Architect—Not Given.
Contractor—C. E. Fowler, 829 Edgehill, Burlingame.

Segregated Bids Being Taken.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Proctor Drive and Austin Way.
Two - story and basement frame and stucco residence (6 rooms) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Santa Rosa Better Housing Campaign Committee.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 15 Blk 5, Avila Road (Aragon Tract).
One-story and basement frame and stucco residence.
Owner & Builder—Leadley & Wiseman 207 Second Ave., San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Cal. Lot 12 Blk 6, Poppy Drive.
One-story and basement frame and stucco residence.
Owner and Builder—Richard P. Minor, 1444 Burlingame Ave., Burlingame
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2500
PALO ALTO, Santa Clara Co., Calif. No. 840 Homer Avenue.
Alterations to residence.
Owner—Fred W. Kruse, Premises.
Architect—Not Given.
Contractor — J. G. Causey, 2338 Ramona St., Palo Alto.

Bids Rejected—Plans Being Revised.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo County, Calif.
Two-story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portal Drive, San Francisco.
New bids will be asked at a later date.
Complete bids published May 31.

Contract Awarded
RESIDENCE Cont. Price $4350
SAN FRANCISCO. S Kirkham Street W Fifteenth Avenue.
One - story and basement frame and stucco residence.
Owner—Harry J. Daniels, 1701 Sutter Street.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—James E. Fennell, care architect.

Contract Awarded
RESIDENCE Cost, $3,000
OAKLAND, Alameda Co., Calif. 4633 Davenport Avenue.
One - story and basement frame and stucco residence (6 rooms) unfinished.
Owner—F. H. Herrick, 4747 Davenport Ave., Oakland.
Architect—Not Given.
Contractor—Webb & Whalin, 2930 22nd Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5549 Snake Road.
One - story ad basement frame and stucco residence (5 rooms).
Owner and Builder—Fred. L. Bemis, 985 Post St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
OAKLAND, Alameda Co., Calif. 64 Hermosa Avenue.
One-story frame and stucco residence (five rooms).
Owner & Builder—W. S. Ingram, 67 Norman Lane, Oakland.
Architect—Not Given.

Plans Being Figured—Bids Close June 24th, 5 P. M.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One-story rustic residence (7 rooms, 2 baths; 3-car garage) shake roof, oil heating system, tile baths, hardwood floors, wood sash
Owner—W. H. Moebus.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma Co., Cal. Rincon Heights Subdivision.
Two-story frame and stucco residence (10 roome and 4 baths) Mediterranean type; tile roof, wrought iron rails and balisters, etc.
Owner — Mr. and Mrs. Tom Proctor, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked in about one week.

Construction To Start Shortly.
RESIDENCE Cost, $9000
YUBA CITY, Sutter Co., Cal.
Two-story frame and stucco residence (6 rooms and 2 baths) (General Electric New American Home); copper roof, gas furnace, air conditioning system, hardwood floors tile baths, etc.
Owner & Builder—A. McMullin, Yuba City.
Architect — John E. Dinwiddie, 360 Pine St., San Francisco.

Prospective Bidders.
RESIDENCE Cost, $10,000
BERKELEY, Alameda County, Calif. Claremont District.
Two-story and basement frame and stucco residence (Metiterranean style) 9 rooms, 2 baths; tile roof, hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.
Following have procured plans. Bids close June 25.
Frank G. Appelbe, 2405 Acton Place Berkeley.
Harold L. Paige, 5651 Oakgrove Ave. Oakland.
Wm. Livingston, 1152 Euclid Ave., Berkeley.
G. P. W. Jensen, 320 Market Street, San Francisco.
J. Dawson, 1507 Lincoln St., Berkeley.

Low Bidder.
RESIDENCE Cost, $1
BERKELEY, Alameda Co., Cal. Ston Road.
Two-story frame and stucco resid (8 rooms, 3 baths) shake roof hot air heating system, tile b hardwood floors, etc.
Owner—Reese Clark.
Architect—W. H. Ratcliff Jr., Cl ber of Commerce Bldg., Berk
Low Bidder—A. Cederborg, 1455 celsior Ave., Oakland.

Being Done By Day's Work.
RESIDENCE Cost,
BERKELEY, Alameda County, Shasta Road.
Two-story frame and stucco resid
Owner—N. W. Shock.
Architect—Chester Treichel, 696 C land St., Oakland.
Construction will be started sh on a day's work basis under th pervision of the architect.

To Be Done By Day's Work.
RESIDENCES Cost, $5000
SAN FRANCISCO. S Cayuga A Geneva Avenue.
Four one-story and basement and stucco residences.
Owner and Builder — Stoneson 1 1630 Ocean Ave., San Francis
Architect—Chas. Strothoff, 2274 St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $
SAN FRANCISCO. NW Green Calhoun Streets.
Two-story and basement framer stucco residence.
Owner — Dr. Hans Klussmann Clayton St., San Francisco.
Architect—Louis Schalk, % Owi

Contract Awarded.
RESIDENCE Cost,
SAN MATEO, San Mateo Co., 23rd and Floren Streets.
One-story and basement framer stucco residence.
Owner—C. De Bennedetti, 916 Humboldt St., San Mateo.
Architect—Not Given.
Contractor—Gordon Hess, 1446 lingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost,
PALO ALTO, Santa Clara Co., No. 716 Salvatierrra Street.
Two-story frame and stucco res
Owner—John A. Sellards.
Architect—John K. Branner, 21 St., San Francisco.
Contractor—E. J. Schmalling, 86 ville St., Palo Alto.

Contract Awarded
RESIDENCE Cost,
SAN FRANCISCO. S North Po 154 W Buchanan St.
Two - story and basement fran stucco residence.
Owner—Dr. C. C. Porter, 135 A bra Street.
Architect—Not Given.
Contractor—Jas. W. McCabe, 7 loa Street.

Contract Awarded
RESIDENCE Cost,
SAN FRANCISCO. E 27th A S. Cabrillo Street.
One - story and basement fran stucco residence.
Owner—Heyman Bros., 742 M
Architect—R. R. Irvine, 3431 J
Contractor—C. T. Lindsay, 14 boce Avenue.

onstruction To Start Immediately.
EIDENCE Cost, $——
IC MOND, Contra Costa Co., Cal.
ichmond Shore.
nctory reinforced concrete (P. C.
. Building Units) residence (3
ooms and 1 bath) reinforced con-
ete floors, flat tar and gravel
oof, gas heating system, wood
ash, etc.
vir—Mr. and Mrs. Robert Shaw.
etecto—W. W. Wurster, 260 Cali-
ornia St., San Francisco.
nactor—C. O. Bradhoff, 911 55th
., Oakland.

nact To Be Awarded.
LATOR, ETC. Cost, $3000
FRANCISCO. No. 1025 Masonic
venue.
el electric elevator in St. Agnes
ectory (alteration work, etc., in
onnection with installation).
vir—Roman Catholic Archbishop of
an Francisco, 1100 Franklin St.
etect—Arnold Constable, 580 Mar-
et St., San Francisco.
nactor—A. Nelson, Inc., 242 Ocean
ve., San Francisco.
t. J. A. Butler is the priest at
gnes Church.
tor—Atlas Elvator Co., 34 Har-
et St., San Francisco.

nact Awarded
DENCE Cost, $8,000
LAND, Alameda Co., Cal. Pied-
ont Pines.
story and basement frame and
ucco residence (8 rooms and 3
aths) shake roof, gas hot air
eating system, hardwood floors,
ile baths, steel sash, etc.
r—Dr. D. J. Frazier, 532 15th St.
akland.
tect—E. L. Snyder, 2102 Shattuck
ve., Berkeley.
actor—H. C. Johansen, % archi-
ect.

act Awarded
DENCE Cost, $10,000
MONT, Alameda Co., Calif. 131
andringham Road.
story and basement frame and
ucco residence (9 rooms).
r—R. C. Gellett, 5856 Picardy Dr.
akland.
tect—F. L. Confer, 2812 Russell
., Berkeley.
actor—F. W. Confer, 1328 Arch
., Berkeley.

Being Prepared.
DENCE Cost, $——
KELEY, Alameda Co., Cal. Ber-
eley Highlands Terrace.
story and basement frame and
ucco residence (10 rooms and 4
aths) tile roof, gas hot air heat-
g system, steel sash, monel met-
sinks, hardwood floors, etc.
r—John H. Jones.
tect—E. L. Snyder, 2101 Shat-
uck Ave., Berkeley.
s will be asked about July 15.

e Done By Day's Work.
DENCE Cost, $2,000
WOOD CITY, San Mateo County,
alif. 135 Regent Street.
tory frame residence (4 rooms)
r and Builder—Thos. Cox, 709
irst Ave., San Mateo.
tect—Not Given.

e Done By Day's Work.
TION Cost, $2,500
ALTO, Santa Clara Co., Cal.
4 Tennyson Avenue.
ion to frame residence.
r—Vern James, premises.
tect—Not Given.

ring Working Drawings.
DENCE Cost, $5,000
VARD, Alameda Co., Calif.
story and basement frame and
stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be asked in about three weeks.

Contract Awarded .
ALTERATIONS Cost $1,500
SAN MATEO, San Mateo Co., Calif. Whipple Road.
Alterations to frame residence.
Owner—Arnold Marson, Premises.
Architect—Not Given.
Contractor—Reynold Pfitzker, 2003 Broadway, Redwood City.

Contract Awarded.
RESIDENCE Cost, $7,579
ATHERTON, San Mateo Co., Calif. Selby Tract.
Two-story frame and stucco residence.
Owner—Henry E. Keyes, 950 Fifth Ave., San Mateo.
Architect—Not Given.
Contractor—J. H. Stedman, 151 Santa Rita, Palo Alto.

Contract Awarded.
MODEL HOME Cost, $——
MARTINEZ, Contra Costa Co., Cal. La Salle Heights Tract.
Model home.
Owner & Builder—Peter Lyhne, 1127 E. Main St., Martinez.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
MARTINEZ, Contra Costa Co., Cal. Pine and Arreba Streets.
One-story frame and stucco residence (6 rooms).
Owner—Joseph Curtin.
Architect—Not Given.
Contractor — A. Castrucci, Fairview St., Martinez.

Contract Awarded.
RESIDENCE Cost, $6,088
OAKLAND, Alameda Co., Cal. Piedmont Knoll.
Two - story and basement frame and stucco residence.
Owner—R. A. Cotter, Haste and Telegraph Ave., Berkeley.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Contractor — Mark Bristol Co., Inc., 1038 McKinley Ave., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 254 Wawona St
Alterations to frame residence.
Owner—E. S. Sparrowe, Premises.
Architect—Not Given.
Contractor — Henry Papenhauser, 595 Victoria Street.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 32nd Avenue 275 S Lawton Street.
One - story and basement frame and stucco residence.
Owner—Laurence Costello, 3 8 2 17th Avenue.
Architect—Not Given.

Construction Postponed Indefinitely.
RESIDENCE Cost, $9,500
KENTFIELD, Marin Co., Calif.
One-story frame and brick residence (8 rooms and 2 baths) shake roof, gas heating system, tiled baths, hardwood floors, etc.
Owner—Louis Podesto.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.

Contract Awarded .
ALTERATIONS Cost, $5,000
COLMA, San Mateo Co., Calif. San Pedro Road.
Alterations to residence.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Revised Plans Being Completed. 4
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines; Margarido Drive.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) shingle roof, gas furnace, hardwood floors, tile baths, etc.
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th St., Oakland.
Whether or not new bids will be asked has not been determined at this time.

Contracts Awarded
MODEL HOME Cost, $6,800
BAKERSFIELD, Kern Co., Cal. First St. near Oleander Ave.
One-story frame and adobe residence.
Owner — Bakersfield Better Housing Committee.
Architect—Clarence Cullimore, 10 Oleander St., Bakersfield.
Contractor—Alva Hackney Haberfelde Bldg., Bakersfield.
Adobe Work—P. F. Moreno.
Lumber— Bakersfield Building Materials Company.
Electric Wiring—Lou Bauer.
Plumbing—Roy Foley.
Plumbing Fixtures and Hardware—Bakersfield Sandstone Brick Co.
Heating—George Wilson.
Painting—Joe Magathan.
Plastering—Chas. Conklin.
Flooring—Thomas Frasier.
Tile Work—W. A. Berna.
Brick Work—W. A. Berna.
All of Bakersfield.

Contract Awarded .
RESIDENCE Cost, $3,800
VALLEJO, Solano Co., Calif. Glenn St. beet. Illinois and Nebraska.
One - story and basement frame and stucco residence (5 rooms).
Owner—R. A. Wright.
Architect—Not Given.
Contractor — R. B. Hathaway, 1 2 0 1 Tennessee St., Vallejo.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
KENTFIELD, Marin Co., Calif. Alta Mira Tract.
Two-story frame and stucco residence (8 rooms, 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner——Carl F. Gromme, Masonic Bldg., San Rafael.
Plans by Owner.
Contractor — Leibert & Trobock, 409 Albert Bldg., San Rafael.
Plumbing—Ernest Ongaro, 47 Scenic Road, Fairfax.
Electric—H. R. Eklund, 425 B St., San Rafael.
Mill Work — Pacific Mfg. Co., Santa Clara.
Lumber—Henry Hess, San Rafael.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Pacheco 50 S Dewey St.
One-story and basement frame and stucco residence.
Owner — J. M. Conners, 1830 19th Ave., San Francisco.
Architect—Not Given.
Contractor — D. G. Huenergardt, 120 Montalvo Street, San Francisco.

Plans To Be Revised.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths) French style; shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.

Architect—W. B. Farlow, 1478 16th Ave., San Francisco.

Construction To Start Shortly.
RESIDENCE Cost, $9,000
SAN ANSELMO, Marin Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths) (General Electric New American Home) copper roof, gas furnace, air conditioning system, hardwood floors, tile baths, etc.
Owner and Builder—Frank H. Allen, 232 Sir Francis Drake Blvd., San Anselmo.
Architect — John E. Dinwiddie, 360 Pine St., San Francisco.

Plans Completed.
RESIDENCE Cost, $5,000
WOODLAND, Yolo Co., Cal. S. Pendegast St. bet. College ad Elm.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Woodland Better Housing Committee.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Construction will be started immediately.

Sub-Contracts Awarded.
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Cal. Lot 29 Block 47, Drake Street.
Two-story frame and stucco residence
Owner—E. G. Houchin.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta St., San Francisco.
Sheet Metal—E. C. Cottier, San Mateo.
Furnace—Montague Co., 1131 Mission St., San Francisco.
Tile Work—Benetti Tile Co., San Mateo.
Concrete—Aetna Const. Co., 238 Arleta St., San Francisco.
Wood Sash—Warden Bros., 2501 Army St., San Francisco.
Mantel—Karlberg & Bosin, 367 Bayshore Blvd., San Francisco.
Glass—Hovious Glass Co., 4861 Mission St., San Francisco.
Iron Grill Work—San Mateo Forge Co., San Mateo.
Lumber—Sudden Lumber Co., Evans and Quint Sts., San Francisco.
Plastering—Francis Stephens, 3481 Pierce St., San Francisco.
Finish Materials—Warden Bros., 2501 Army St., San Francisco.
Grading and Foundations—Aetna Construction Co., 238 Arleta Street, San Francisco.
Brick and Stone Work—Karlberg and Bosin, 367 Bayshore Blvd., San Francisco.
Ornamental Iron—San Mateo Forge Co., San Mateo.
Bids are being received on roofing, roof tile and painting.

15— SCHOOLS

LOW BIDDERS
LONG BEACH, Cal.—W. E. Allen, 752 W Anaheim St., Long Beach, submitted low bid to Long Beach board of education at $84,299, for repairing and strengthening both the elementary and high school buildings at Avalon. Andy Sordal submitted the low bid at $46,094 for the elementary building and H. B. Nicholson submitted the low bid at $41,791 for the high school. Harold C. Wildman, 3710 Lime Ave., Long Beach, architect.

CONTRACT AWARDED
SAN FRANCISCO—D. J. & T. Sullivan, 1940 Folsom St., at $489 awarded contract by Department of Public Works for moving three portable school buildings from the Rincon School site on Stillman Street, bet. 2nd and 3rd Sts. to a school lot on the north side of Hayes street, between Clayton and Ashbury Sts.

BIDS WANTED
TULE LAKE, Siskiyou Co., Cal.—Until June 29, 2:30 P. M., bids will be received by E. H. Kaupp, Clerk, Siskiyou Union High School District, Yreka, for the installation of plumbing and heating system in the gymnasium building at Tule Lake.
Plans prepared by Architects Starks & Flanders, Forum Building, Sacramento.
Plans and specifications may be obtained from the architects and from the High School District Superintendent, Park Hotel Bldg., Mount Shasta, upon deposit of $10.00.

BIDS OPENED.
WATSONVILLE, Santa Cruz Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, and Herrick Iron Works, 18th and Campbell Sts., Oakland, at $4400 submitted identical bids to the Watsonville Union High School District for furnishing and erecting structural steel for strengthening the new high school building in Watsonville. Only other bid was submitted by Schrader Iron Works, San Francisco, at $5175.
W. H. Weeks, 525 Market St., San Francisco, architect. Bids held under advisement.

BIDS WANTED
SAN RAFAEL, Marin Co., Cal.—Until June 27, 8 P. M., bids will be received by San Rafael Board of Education for razing two buildings located at Fourth, E and Shaver Sts., San Rafael.

Seek Funds.
GYMNASIUM Cost, $70,000
CHICO, Butte Co., Calif. Campus of Chico High School.
One-story reinforced concrete gymnasium (72x185 feet) steel trusses, maple floors, composition roofing, steam heating to connect to central plant, hung bleachers to wall, acme folding doors, steel sash.
Owner—Chico School District.
Architect— Chester Cole, Chico.
Structural Engineer — W. Adrian, 417 Market St., San Francisco.
Application will be filed with the PWA for a loan and grant in the amount of $79,000 to finance construction.

Contract Awarded.
SCHOOL Cont. Price, $18,650
TAHOE CITY, Placer Co., Calif.
One-story wood frame grammar school (three classrooms, assembly and kitchen) shingle roof, wood floors.
Owner—Tahoe City Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor — W. C. Keating, Forum Bldg., Sacramento.

BIDS WANTED
COURTLAND, Sacramento Co., Cal.—Until June 27, 7:30 P. M., bids will be received by L. C. Peck, Clerk, Bates Joint Union School District, for refinishing and repainting halls and auditorium of the Occidental School at Courtland.
Further information may be obtained from Miss Willa H. Buckley, Courtland.

PAINTING CONTRACT AWARDED
MENLO PARK, San Mateo Co., Cal.—Ferdinand Terheyden, 940 Divisadero St., San Francisco, at $18,892 awarded contract by Roman Catholic Archbishop of San Francisco, for painting interior and exterior of Patricks Seminary at Menlo P[illegible] John J. Foley, 770 Fifth Avenue, [illegible] Francisco, architect.

Complete bid Listing.
SCHOOL Cost, $5[illegible]
ARROYO GRANDE, San Luis Ob[illegible] County, Calif.
One-story frame and stucco gram[illegible] school (8 classrooms) terra c[illegible] tile roof, reversible windows, [illegible] air heating system, drinking fo[illegible] tains, etc.
Owner—Arroyo Grande Elemen[illegible] School District.
Architect—Louis N. Crawford, J[illegible] Bldg., Santa Maria.
Structural Engineer—H. J. Brunn[illegible] Sharon Bldg., San Francisco.
Low Bidder—F. C. Stolte, 3449 Lag[illegible] Ave., Oakland.
Complete bids follow:
F. C. Stolte, Oakland .....$47[illegible]
J. W. Flanagan, Los Angeles.... 47[illegible]
Doane Bldg. Co., Santa Maria.... 51[illegible]
Theo. Maino, San Luis Obispo.. 52[illegible]

Preparing Working Drawings.
SCHOOL Cost, $30[illegible]
SAN FRANCISCO. Twenty-fifth [illegible] Bryant Streets (Sunshine - Bu[illegible] Vista School).
One - story reinforced concrete sc[illegible] (18 classrooms, dining room, [illegible] cercise room, vocational room, [illegible] rooms, auditorium to seat 500)
Owner—City and County of San Fr[illegible] cisco.
Architect—Martin J. Rist, Phel[illegible] Bldg.; Charles F. Strothoff, [illegible] 15th St.; Smith O'Brien, 2032 E[illegible] er St., and Albert Schroepfer, [illegible] Market Street.
Structural Engineer—H. J. Brunn[illegible] Sharon Building.
Mechanical and Electrical Engine[illegible] A. R. McLaren, 611 Howard S[illegible]
Plans will be completed about S[illegible] 1st.

Preliminary Plans Approved.
ALTERATIONS Cost, $55[illegible]
BERKELEY, Alameda Co., Cal. [illegible] Roy Ave. and Buena Vista Wa[illegible]
Alterations to Hillside School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Sp[illegible] kels Bldg., San Francisco.
Engineer—Thos. F. Chace, Berk[illegible] Board of Education, Berkeley.

Preliminary Plans Approved.
ALTERATIONS Cost, $12[illegible]
BERKELEY, Alameda Co., Cal. [illegible] 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, [illegible] Kearny St., San Francisco.
Engineer—Thos. F. Chace, Berk[illegible] Board of Education, Berkeley.

Preliminary Plans Approved.
ALTERATIONS Cost, $10[illegible]
BERKELEY, Alameda Co., Cal. [illegible] ston Way and Grove Street.
Alterations to gymnasium, etc., [illegible] Berkeley High School.
Architect—John Reid, 405 Montg[illegible] ery St., San Francisco.
Engineer—Thos. F. Chace, Berk[illegible] Board of Education, Berkeley.

BIDS WANTED
FORT BRAGG, Mendocino Co., [illegible] —Until July 2, 8 P. M., bids wil[illegible] received by Roy Woodward, Cl[illegible] Fort Bragg Union High School [illegible] trict, for the erection of a shop b[illegible] ing at the Junior School in [illegible] Bragg.
Plans and specifications may be [illegible] tained from above office and from [illegible] Architect, Norman R. Coulter [illegible] Kearny St., San Francisco.

Preliminary Plans Completed.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Working drawings will be started within one week.

CONTRACT AWARDED
SAN MATEO, San Mateo Co., Cal. William Makin, 2141 Livington St., Oakland, at $8,573 awarded contract by San Mateo Union High School District for lathing and plastering, painting and decorating, etc., required in the reconstruction work to the main building of San Mateo High School. Harold B. Hammill, 381 Bush Street, San Francisco, engineer.
Complete bids follow:
(1) Work complete excluding end pavilions and corridors;
(2) Lathing and plastering of second floor end pavilions and corridor;
(3) Work required for patching; two sq. yds. or more, per sq. yd.;
(4) Do, 2 sq. yds. or less, per sq. yd.;
(5) Lathing and plastering the second story ceilings for one or more rooms, per sq. yd.

Wm. Makin, Oakland	(1)	$8,573.00
	(2)	479.00
	(3)	1.50
	(4)	2.00
	(5)	.70
C. L. Wohl, S. F.	(1)	$8,787.00
	(2)	727.00
	(3)	2.50
	(4)	5.00
	(5)	.90
Jas. F. Smith, S. F.	(1)	$8,827.00
	(2)	650.00
	(3)	2.50
	(4)	3.00
	(5)	1.00
M. J. King, S. F.	(1)	$9,330.00
	(2)	300.00
	(3)	2.00
	(4)	2.50
	(5)	1.50
Patterson Brothers, Oakland	(1)	$9,640.00
	(2)	1,280.00
	(3)	1.70
	(4)	2.20
	(5)	1.35
A. W. Cordes, S. F.	(1)	10,930.00
	(2)	400.00
	(3)	1.60
	(4)	1.80
	(5)	.70

Contract Awarded.
SCHOOL Cont. Price, $72,800
LAKEVIEW, Oregon.
One- and two-story reinforced concrete and brick high school (steam heating system, large auditorium)
Owner—School District No. 7, Lakeview.
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Ore.
Contractor—B. A. Howkins, 1182 Market St., San Francisco.

BIDS WANTED
KINGSBURG, Fresno Co., Cal.—Until June 27, 8 P. M., bids will be received by Ewald A. Larson, Clerk, Kingsburg Joint Union High School District, for furnishing building materials as follows for the construction of a music cottage at the High School site in Kingsburg;
Lumber.
Cement, rock and sand.
Roofing.
Reinforcing steel.
Rough and finish hardware.
Electrical equipment, etc.
Specifications may be obtained from the High School.

Bids Wanted—To Close June 26, 2 P. M.
REPAIR SCHOOL Cost, $——
SAN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishklan, 525 Market Street.
Bids are being taken as follows:

	Est. Cost
General Work	$40,000
Ornamental Iron & Steel	6,700
Brick Work	7,000

Plans and specifications may be obtained from Chas. Sawyer, City Architect, upon deposit of $25.00 for each set.
NOTE: Contractor must work two shifts, as work must be completed by Oct. 1, 1935.

BOND ELECTION
TRUCKEE, Nevada County, Cal.—Truckee School District will vote July 9 on a proposal to issue bonds in the amount of $22,000, proceeds to finance construction of a new grammar school in Truckee.
Preliminary plans have been prepared by Architects Masten & Hurd, 233 Post St., San Francisco.
Application has been filed with the PWA for a grant of $9,000.

SUB-CONTRACTS AWARDED
BURLINGAME, San Mateo Co., Cal.—J. Looman, 125 Park Road, Burlingame, awarded following sub-contracts for alterations and repairs to girls' shower and locker rooms at the Burlingame High School. Cost, $6396.
Roofing—L. S. Case, Inc., 7th and Daggett Sts., San Francsico.
Plumbing—Park Plumbing Co., Burlingame.
Sheet Metal — G. & M. Sheet Metal Works, San Mateo.
Tile Work — Benetti Tile Co., San Mateo.
Concrete — San Mateo Concrete Co., San Mateo.
Reinforcing Steel—Soule Steel Co., 1750 Army St., San Francisco.
Glass—Peninsula Glass Co., San Mateo
Lumber—San Mateo Lumber Co., San Mateo.
Hardware—Wisnom Lumber Co., San Mateo.
Painting—J. Masoro, Burlingame.
Lathing and Plastering—C. B. Henderson, San Mateo.
Finish Materials—Burlingame Lumber Co., Burlingame.
Grading—San Mateo Feed & Fuel Co. San Mateo.

Plans Being Prepared.
LIBRARY Cost, $50,000
McMINNVILLE, Oregon. Campus of Linfield College.
Two-story and basement library (15 rooms, etc.)
Owner—Linfield College (Dr. E. J. Anderson, President).
Architect—A. E. Doyle and Associates, Pacific Bldg., Portland.

Plans Being Prepared.
SCHOOL Cost, $65,699
VANCOUVER, Washington (State School for Blind).
Two-story brick primary school (dormitory, school rooms, dining rooms and hospital ward for primary grades).
Owner—State of Washington.
Architect — Joseph Wohleb, Olympia, and Donald J. Stewart, Vancouver, Wash.

BIDS OPENED
SAN FRANCISCO—H. C. Thompson, 930 Evans Street, at $1980 submitted low bid to State Board of Harbor Commissioners for rebuilding and repairing pile driving barge for the State Board of Harbor Commissioners.
Complete bids follow:

H. C. Thompson	$1980
General Engr. & Drydock Co.	2130
Anderson & Cristofani	2175
Crowley Launch & Tugboat Co.	2200
George Knease	2437
Bruer & Siemer	3050

Bids held under advisement.

BIDS WANTED
SAN FRANCISCO—Until June 28, 11:30 A. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for following work for repairs to the Lowell High School located on Hayes, Ashbury, Grove and Masonic Ave. L. H. Nishklan, 525 Market St., Structural Engineer.
(1) Metal furring, lathing and plastering, estimated cost, $18,000.
(2) Slate blockboards, cork and linoleum, estimated cost, $4500.
(3) Roofing, estimated cost, $2000.
(4) Sheet metal, estimated cost, $3500.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $25 for each set.
Bids on the general work, ornamental iron, steel and brick work will be opened on June 26, 2 P. M.

BIDS WANTED
LOS ANGELES, Calif.—Until July 2, 11:30 A. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the two-story, 8-room, Class D brick annex building at the Manchester Ave. school, 8608 S. Hoover St. Arlos R. Sedgley, 910 N. Serrano Ave., architect. Holmes and Narver, Inc., 639 S. Spring St., structural engineers. Cost $30,580.

Plans Awaiting PWA Approval.
HIGH SCHOOL Cost, $39,200
COVELO, Mendocino Co., Cal.
One-story frame and stucco academic building and 1-story frame gymnasium.
Owner—Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

PREPARING PLANS
BAKERSFIELD, Kern Co., Cal.—Architect Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield, is preparing plans for remodeling the Emerson grammar school in Bakersfield. Home economics and industrial arts rooms will be provided in the administration building and a warehouse and garage will be constructed on the site. Cost, $41,000. Application will be made to the PWA for partial financing.

PLANS APPROVED
BAKERSFIELD, Kern Co., Cal.—Bakersfield board of education has approved plans prepared by Architect Chas. Biggar, 554 Haberfelde Bldg., Bakersfield, for an addition to the Longfellow school in Bakersfield. The addition will contain one classroom, primary room and kindergarten and will cost approximately $30,000. Application will be made to the PWA for partial financing.

BOND ELECTION CANCELLED
BAYWOOD, San Mateo Co., Cal.—Baywood-Aragon School District has rescinded bond election, scheduled to

have been held on July. 16 in the amount of $25,000. It is planned to have an election at a later date for amount of $32,000, proceeds to finance construction of the Baywood Aragon School and additional work at the Beresford Park and Lawrence Schools.

LOW BIDDER

LOS ANGELES, Cal.—Los Angeles board of education rejected low bid submitted by Lovrich & Konjevod, due to an error in the bid, for a two-story, 22-room Class A reinforced concrete administration building to be built at the LaFayette junior high school, 1240 Naomi Ave. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects.

June 20, 1935

Contract Awarded.
SCHOOL Cost, $47,000
ARROYO GRANDE, San Luis Obispo County, Calif.
One-story frame and stucco grammar school (8 classrooms) terra cotta tile roof, reversible windows, hot air heating system, drinking fountains, etc.
Owner — Arroyo Grande Elementary School District.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

LOW BIDDER

LONG BEACH, Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, submitted low bid to Long Beach board of education at $84,229 for repairing and strengthening both the elementary and high school buildings at Avalon. Andy Sordal submitted the low bid at $46,094 for the elementary building and H. B. Nicholson submitted the low bid at $41,791 for the high school. Harold Wildman, 3710 Lime Ave., Long Beach, architect.

CONTRACT AWARDED

CLAREMONT, Los Angeles Co., Cal. —C. T. and W. P. Stover, 116 Alexander Ave., Claremont, awarded contract for erection of a 100-room addition to Hardwood court dining hall at Pomona College, Claremont. Walter Webber, 627 S. Carondelet St., Los Angeles, architect.

BIDS WANTED

NAPA, Cal.—Until July 1, 8 P. M., bids will be received by Sutro A. Frost, Clerk, Napa School District, for exterior painting of the Lincoln Grammar School in Napa.

Specifications may be obtained from C. W. Hunt, 989 2nd St., Napa.

TO ASK BIDS

OAKLAND, Alameda Co., Cal.—Oakland Board of Education will advertise for bids shortlyy for the construction of seven temporary school buildings at the Oakland High School, Park Blvd. and Hopkins St., Oakland.

CONTRACT AWARDED

SAN FRANCISCO. — M. J. King, 2343 Bay Street, at $2,044 awarded the contract by Department of Public Works for plastering the Excelsior School, Excelsior Ave. between London and Paris Streets.

16— BANKS, STORES AND OFFICES

Preparing Sketches
ADDITION Cost, $40,000
SANTA BARBARA, Santa Barbara Co., Calif.
Two--story and basement reinforced concrete addn. to telephone bldg. (stucco exterior, tile work, steam heating system, steel sash, etc.)
Owner—Santa Barbara Telephone Exchange.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Plans To Be Prepared.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Calif. 484 12th Street.
Alterations to store bldg. (new furnishings, decorating, new store front, etc.)
Owner—Selah Chamberlain, 526 Powell St., San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Lessee—Foreman & Clark, 484 12th St., Oakland (Henry Combe, Mgr.)

Contract Awarded .
MARKET Cost, $2,965
SACRAMENTO, Sacramento Co., Cal. Third, Fifth, B and G Streets.
One-story frame market.
Owner—Sacramento Farmers Market, Inc., 2630 5th St., Sacramento.
Architect—Not Given.
Contractor—J. A. Saunders, 1045 45th St., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 49 North A Street.
Alterations to building.
Owner—Richmond Chase.
Architect—Not Given.
Contractor—O. H. Chain, 41 So. Sutter St., Stockton.

Contract Awarded.
ALTERATIONS Cost, $10,000
STOCKTON, San Joaquin Co., Calif. 417-21 E Weber Street.
Alterations to store building.
Owner—Eliza F. Middlecoff.
Architect—Not Given.
Contractor—O. H. Chain, 41 So. Sutter St., Stockton.

Contract Awarded.
ALTER. STORE SCost, $20,000
STOCKTON, San Joaquin Co., Calif. No. 417-421 E. Weber Avenue.
Alterations and additions to store building (new show windows, new lighting system, furnishings, new passenger and freight elevator, etc.)
Owner—Burnham Bros., 40 N. Sutter St., Stockton.
Architect—Not Given.
Contractor—O. H. Chain, 41 S-Sutter St., Stockton.

Preparing Working Drawings.
ALTERATIONS Cost, $——
SAN FRANCISCO. 111 Sutter Street.
Alterations to ground floor of Hunter Dulin Bldg. (interior alterations, electrical work, plumbing, painting, plastering, floor covering)
Owner—Dean Witter & Co., 486 California Street.
Architect—Kent & Hass, 525 Market Street.

Contract Awarded.
BAR Cost, $2000
SAN FRANCISCO. W Fillmore St. N Lombard Street.
Alterations to bar (new bar, modernistic front, painting, decorating, etc.)
Owner—Mr. Cervelli.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—San Francisco Constr. Co., 3159 Fillmore St., San Francisco.

Plumbing, Heating and Electric Bids Wanted.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif. SE Broadway and Thirteenth St.
Two - story steel and concrete office building (to contain 45,000 sq. ft. of floor space).
Owner—Charles Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent—Lionel Wachs Company, Bank of America Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
Sub-bids are wanted on plumbing, heating and electrical work.

Plans Being Prepared.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. SE Fourth and K Streets.
One-story brick store building (80x160 feet).
Owner—Max Marthowitz Co., Inc.
Architect—Frederick S. Harrison, 1005 Tenth St., Sacramento.
Present building on site is now being razed.

Plans Being Completed.
TELEPHONE BLDG. Cost, $100,000
WALLA WALLA, Washington.
Two-story and basement Class A steel frame fireproof telephone building (cable vault below portion of first floor).
Owner — Pacific Telephone and Telegraph Company.
Architect—A. H. Albertson and Joseph W. Wilson and Paul Richardson, Washington.
Installation of equipment will cost approximately $300,000.
General bids will be asked about July 15.

To Be Done By Day's Work.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. NE Church and Day Streets.
Alterations to frame and stucco store building (tar & gravel roof, wood floors, etc.)
Owner—George Austin, 2401 Jackson Street.
Architect — Ed. Musson Sharpe, 25 Market Street.

BIDS WANTED

FRESNO, Fresno Co, Calif.—Until June 26, 12 Noon, bids will be received by the Capital Co., 625 Market St., San Francisco, for exterior and interior painting and steam cleaning of the exterior of the Mattei Bldg., Fulton and Fresno Sts., rFesno.

Contract Awarded.
ALTERATIONS Cost, $2,000
SACRAMENTO, Sacramento Co., Cal. 1000 K Street.
Alterations to store front.
Owner—A. D. Moates, Premises.
Architect—Not Given.
Contractor—A. Fisher, 800 35th St., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $4,000
SACRAMENTO, Sacramento Co., Cal. 1012 K Street.
Alterations to store front of Sacramento Hotel.
Owner—Sacramento Hotel, Premises.
Architect—Not Given.
Contractor—A. Fisher, 800 35th St., Sacramento.

To Be Done By Day's Work.
RESTAURANT Cost, $——
OAKLAND, Alameda Co., Calif. 2039-2031 Telegraph Avenue.
One-story brick and tile restaurant.
Owner—Erza Barnet, 80 Hamilton Pl., Oakland.
Lessee—White Tavern Operating Co., 519 16th St., Oakland.

Plans Being Completed.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. 1430 Franklin Street.
Alterations and additions to store.

wner—East Bay Title Insurance Co.
chitect—E. T. Foulkes, 357 12th St., Oakland.
Bids will be asked about July 1.

ans Being Prepared.
DDITION Cost, $——
CRAMENTO, Sacramento Co., Cal. 1308-10 K Street.
ee-story addition to office building.
wner—Security Acceptance Co. (S. P. Forrest, Jr., President).
ntractor—Frank Maloney, 3172 T St., Sacramento.

ans Being Completed.
LTERATIONS Cost, $25,000
N FRANCISCO. Kearny Street at Maiden Lane.
terations to department store bldg.
wner—Weinstein Co. (Isador Weinstein, President).
chitect—Hyman & Appleton, 68 Post Street, San Francisco.
Bids will be asked in two or three eks.

b-Contracts Awarded.
ORE & APTS. Cont. Price, $15,900
KMEL, Monterey Co., Cal. NE Ocean and San Carlos Streets.
wo-story frame and stucco store and apartment building (Spanish style) tile roof, etc.
wner—Mrs. Mary A. Gould.
chitect—Guy Koepp, Carmel.
ntractor—M. J. Murphy, Carmel.
oofing—C. L. Frost, Monterey.
lumbing, Heating and Sheet Metal—Anderson, Dougherty & Hargins, Salina.
le Work—C. L. Frost, Monterey
teel Sash—Soule Steel Co., 1750 Army St., San Francisco.
tructural Steel—Soule Steel Co., 1750 Army St., San Francisoo.
tching and Plastering—F. Overhulse, Carmel.
Other work being done by the general contractor.

ONTRACT AWARDED
OAKLAND, Cal. — Safety Switchboard Mfg. Co., 960 Howard Street, San Francisco, at $1197 awarded contract by East Bay Municipal Utility District for furnishing one electric switchboard for the general office building at 512 16th Street, Oakland. Proposal No. L.S. 150.

ntract Awarded.
ORES Cost, $6000
SAUSALITO, Marin Co., Cal.
wo-story frame and stucco store and office building.
wner—George Ohlemutz, Sausalito.
chitect—Not Given.
ntractor—V. Maggiori, 15 Harrison St., Sausalito.

ans Being Prepared.
ORE & OFFICES Cost, $16,000
LACERVILLE, Eldorado Co., Calif.
wo-story brick store and office bldg. (54x50-ft.) composition roofing, Oregon pine floors, steel sash.
wner—Dillinger's Furniture Co.
chitect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in one week.

ntract Awarded
LTERATIONS Cost, $4000
N FRANCISCO. 888 Market St.
terations to store building.
wner—Morgan Jewelry Co., premises.
chitect—Bliss & Fairweather, Balboa Building.
ntractor — H. S. Meinberger, 956 Folsom Street.

ds To Be Opened Late Today.
LTERATIONS Cost, $30,000
N FRANCISCO. Powell St. near Sutter Street.
terations to building for waffle shop cocktail lounge, coffee shop, etc., (work involves new front, plumbing, electrical work, painting, decorating, restaurant equipment, etc.)
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams and C. M. Grimes, 251 Post St., S. F.

17— THEATRES

Contract Awarded.
THEATRE Cost, $15,000
TRUCKEE, Nevada Co., Cal.
Two-story frame and stucco theatre (75x36 feet) to seat 215; sound equipment, furnishings, etc.) six room apartment on second floor.
Owner—V. O. Shattuck, Truckee.
Architect—Not Given.
Contractor — Ralph Cochrane, P. O. Box 338, Grass Valley.

Plans Being Prepared.
THEATRE Cost, $30,000
COLFAX, Wash. Canyon and Mill Streets.
Two-story reinforced concrete theatre (44x100 feet) to seat 400, stores and apartments; heating plant, air conditioning system, sound equipment, etc.
Owner—F. C. Weskil, Sandpoint, Idaho and LaVance Weskil, Rose Theatre, Colfox, Wash.
Architect—Byarne H. Moe, 2318 2nd Ave., Seattle, Wash.

19—MISC. CONSTRUCTION

PLANNED
PASADENA, Cal.—The City of Pasadena is having plans prepared under the supervision of Architects Hunt & Chambers, Continental Bldg., Los Angeles, for improvements to the Rose Bowl in Pasadena. The work will include the erection of a new fence, increased comfort station facilities and drainage improvements. The city has budgeted $20,000 for the work and applications have been made to the SERA for grants of between $100,000 and $200,000.

Foundations Started.
DEPOT Cost, $100,000
SAN JOSE, Santa Clara Co., Calif. San Fernando and The Alameda.
Two-story steel frame depot (256x80-ft.) pressed brick walls, stucco exterior, concrete foundations, tile roof, steam heating system, etc. (wainting room, 80x40 feet) glass enclosed concourse leading to the trains, passenger and freight department offices, etc.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Plans by Engineering Dept. of Owner (J. H. Christie, Engineer).
Foundation work started by owner's own forces. Whether general bids will be asked for the construction of the building is not determined at this time

Contract Awarded
MAUSOLEUM Cost, $2,200
CHICO, Butte Co., Calif.
Reinforced concrete private mausoleum (marble and bronze interior) to contain 16 crypts
Owner—Withheld.
Architect—Jens C Petersen, 812 26th St., Sacramento.
Contractor—J. C. Meyers, Route 1, Box 439, Stockton.

Contracts Awarded.
MAUSOLEUM Cost, $——
LAWNDALE, San Mateo County, Cal. Home of Peace Cemetery.
Reinforced concrete mausoleum (marble and bronze interior) 500 crypts 1000 niches.
Owner — Congregaton Temple Emanuel.
Architect — Chas. Strothoff, 2274 16th St., San Francisco.
Contractor—H. H. Larsen Co., 64 So. Park St., San Francisco.
Marble—Jos. Musto Sons Keenan Co., 535 North Point St, San Francisco

Contract Awarded
FIELD HOUSE Cost, $1,500
PIEDMONT, Alameda County, Calif. Oakland City Park.
Field house.
Owner—City of Piedmont.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland.

BIDS OPENED
HAMILTON FIELD, Marin County, Calif.—D. E. Manning, 118 Virginia Ave., San Francisco, at $1,288 submitted low bid to the Signal Officer, Headquarters Ninth Corps Area, Presidio, under Proposal No. 1084 SC 35-7, for the installation of an antenna and a buried ground system for the Radio Transmitter Radiation System, Hamilton Field.
Complete bids follow:

D. E. Manning, S. F.	$1,288
Hotchner Bros., S. F.	1,671
H. S. Tittle Co., S. F.	2,307

Bids held under advisement.

Planned.
DRILL TOWER Cost, $——
SAN CARLOS, San Mateo Co., Calif. Laurel Street.
Three - story drill tower (frame and stucco construction).
Owner—City of San Carlos.
Plans by H. A. Brown, 1308 Mills Avenue, Burlingame.
Further details will be announced at a later date.

Plans Being Completed.
ORPHANAGE Cost, $60,000
SAN FRANCISCO. Hahn and Sunnydale Streets.
Group of eight buildings for orphanage frame construction) dormitories, administration bldg., power plant.
Owner—Salvation Army, 115 Valencia Street.
Architect—D. D. Stone, 110 Sutter St.
Plans will be completed in three or four weeks.

CONTRACT AWARDED
HAMILTON FIELD, Marin Co., Cal. —D. E. Manning, 118 Virginia Ave., San Francisco, at $1,288 awarded contract by the Signal Officer, Headquarters Ninth Corps Area, Presidio, under Proposal No. 1084 SC 35-7, for the installation of an antenna and a buried ground system for the Radio Transmitter Radiation System, Hamilton Field.

BIDS OPENED
SAN FRANCISCO—Reyna Electric Works, 1681 Folsom St., at $40 submitted low bid to Department of Public Works for rewinding Westinghouse type C.L.L.—5-hp., 2-phase, 1700-rpm motor, including removal and replacement, located on pump in boiler room of Laguna Honda School, Seventh Ave., between Irving and Judah Sts.
Complete bids follow:

Reyna Electric Works	$40.00
Weidenthal Gosliner Elec. Co.	41.50
Kuchel & Sievers	44.60
Westinghouse Elec. & Mfg. Co.	54.00

Bids held under advisement.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., June 5, under Spec. No. 628, for furnishing and delivering twelve 72-inch diameter in-

ternal differential needle valves for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project:

Babcock & Wilcox Co., Denver, fob Barberton, Ohio: (1) valves, $260,050; (2) templates, $175.

Thomas Spacing Machine Co., Pittsburg, Pa., fob Pittsburg, (1) $211,000; (2) $100.

Bids held under advisement.

Bartlett Hayward Co., Baltimore, Md., fob Baltimore: (1) $264,000; (2) $50.

American Locomotive Co. New York City, fob Dunkirk, N. Y.: (1) $251,900; (2) $1,750.

Consolidated Steel Corp., Ltd., Los Angeles, fob Boulder City: (1) $253,000; (2) $300.

Hardie-Tynes Mfg. Co., Birmingham Ala., fob Birmingham: (1) $217,375; (2) $395.

Joshua Hendy Iron Works, San Francisco, fob Sunnyvale: (1) $258,718; (2) $185.

Stacey-Schmidt Mfg. Co., York, Pa., fob York: (1) $243,000; (2) $540.

BIDS OPENED

MODESTO, Stanislaus Co., Calif.—Ground Lumber Co., Tuolumne Bldg., Modesto, at $20,540 submitted low bid to the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th Street, Modesto, June 10, for furnishing 12,000 barrels of cement.

Complete bids follow:

Ground Lumber Co., Modesto	$20,540
Pacific Portland Cement Co., Francisco	21,840
Stanislaus Lbr. Co., Modesto	21,840
United Lumber Yards, Inc., Modesto	21,840

The Cowell Lime & Cement Co., San Francisco, submitted a bid of $4,820 for 2,000 barrels.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, June 6, under Spec. No. 625, for furnishing aluminum and steel pipe railings, aluminum doors, steel doors, and structural and architectural metal work for Boulder Dam power plant and appurtenant works, Boulder Canyon Project:

Kawneer Co., Niles, Mich.: (1) $112,750; (2) $9,940; (3) $9,429.98; combination bid 1, 2 and 3, $128,000; fob Niles; ½% discount.

Flour City Ornamental Iron Co., Minneapolis, Minn.: (1) $105,317; (2) $10,164; (3) $10,698; fob Minneapolis.

General Bronze Co., Long Island City, N. Y.: (1) $90,600; (3) $6,165; combination 1, and 3, $95,765; Schedule 1, 96,000 lbs. fob Long Island City, 91,500 lbs., Chicago, and 79,000 pounds Jamestown; Schedule 3, fob Long Island City.

Michaels Art Bronze Co., Covington, Ky.: (1) $101,351; (3) $9,640; combination 1 and 3, $110,350; fob Covington; 1% discount.

Vulcan Rail & Const. Co., Maspeth, N. Y.: (2) $6,300; fob Maspeth; $7,600 fob Boulder City.

Federal Ornamental Iron & Bronze Co., San Francisco, (2) $8,120 fob San Francisco.

Atlas Ornamental Iron & Steel Co., Huntington Park: (2) $14,530; fob Huntington Park.

Associated Piping & Engr. Co., Los Angeles: (2) $8,140; fob Boulder City; 2% discount.

North America Iron & Steel Co., Inc., Brooklyn, N. Y.: (2) $5,585; fob Brooklyn; ½% discount.

A. J. Bayer Co., Los Angeles: (3) $10,429; fob Los Angeles.

Superb Bronze and Iron Co., Inc., Brooklyn, N. Y.: (3) $10,980; fob Brooklyn; 1% discount.

Cincinnati Mfg. Co., Cincinnati, O., (3) $8,042; fob Cincinnati.

Gorham Co., Providence, R. I.: (3) $15,655; fob Providence.

Bids held under advisement

BIDS OPENED

OAKLAND, Cal.—Identical bids at $5,346.50 plus $0.08 each for quicklime sacks, were received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 625, from the following for furnishing quicklime and hydrated lime:

California Chemical Co., San Francisco.

Diamond Springs Lime Co., San Francisco.

U. S. Lime Products Corp., San Francisco.

Holmes Lime & Cement Co., San Francisco.

Chubbuck Lime Co., San Francisco.

Henry Cowell Lime & Cement Co., San Francisco.

Unit bids were:

(1) 250 tons, more or less, quicklime, delivered to Orinda Filter Plant, Orinda, $3,755.

(2) 75 tons, more or less, quicklime, delivered to San Pablo Filter Plant, El Cerrito, $1,126.50.

(3) 25 tons, more or less, hydrated lime, delivered to Upper San Leandro Filter Plant, Oakland, $465.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Identical bids at $10,500 for furnishing approximately 200,000 gals. for emulsified asphalt under Spec. No. LS 148, were received by the East Bay Municipal Utility District, John H. Kimball, Secretary, from the Shell Oil Co., Union Oil Co., and the American Bitumuls Co.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Stauffer Chemical Co., 636 California St., San Francisco, at $10,571.25 submitted the only bid received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 628, for furnishing approximately 375 tons of aluminum sulphate.

BIDS OPENED

OAKLAND, Cal.—Linde Air Products Co., 114 Sansome St., San Francisco, at $2410 for 200,000 cu. ft., more or less, of oxygen gas, and at $3997.50 for 150,000 cu. ft., more or less, of dissolved acetylene gas, submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 626.

Air Reduction Sales Co., San Francisco, at $2800 for oxygen and $4275 for acetylene, submitted the only other bid.

BIDS OPENED

SAN FRANCISCO.—Devincenzi Bros. & Co., 150 Collins St., at $0.54 per c.y., submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1387, for furnishing approximately 5,000 c.y. of loam for Golden Gate Park.

Complete bids follow:

Devincenzi Bros. & Co., $.54 per c.y.

L. Devincenzi & Co., $0.57.

Max Rosenberg, $0.64.

Bayshore Const. Co., Inc., $0.68.

San Francisco Paving Co., $0.709.

All bidders of San Francisco.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—United Iron Works, 580 Second St., Oakland, at $0.036 per lb., total $24,842.95, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1362, for furnishing and delivering to the San Francisco Water Department Yard at 639 Bryant St., approximately 690,082 pounds of iron castings.

LOW BIDDERS

SACRAMENTO, Cal.—Following are the low bids received by Lieut. G. W. Tripp, Purchasing & Contracting Officer, Sacramento District CCC, June 12, under Bid No. 5911-35-84, and Bid No. 5911-35-185, for furnishing materials for construction of buildings at CCC camps.

BID NO. 5911-35-184:

(A) Camp Walker River, BR-52, on Topaz Lake, 12 miles north of Coleville on Carson City-Coleville Highway. Camp site two miles from the highway on eastern shores of Topaz Lake:

Lumber—Clover Valley Lumber Co., Loyalton, $4,844.

Mill Work—Sierra Mill & Lbr. Co., 201 V St., Sacramento, $297.99.

Hardware—Auburn Lumber Co., Auburn, $258.79.

Roofing & Felt—American Fuel and Material Co., 2701 Stockton Blvd., Sacramento, $186.19.

Fiber Board—Auburn Lumber Co., $255.00.

Plumbing and Sheet Metal—Dallman Supply Co., 8th and R Sts., Sacramento, $738.20

Electric Material—Auburn Lbr. Co., $160.49.

Cement—Fob Camp, I. H. Kent Co., Fallon, Nev., $219.05.

Cement—Fob Fallon, I. H. Kent Co., $85.35.

(B) Camp Tahoe, BR-21 ½ mile from Tahoe City, opposite dam on the Truckee River at Lake Tahoe:

Lumber—Bay City Lumber Co., 48th Ave. and E St., Oakland, $3,750.06

Mill Work—Auburn Lumber Co., Auburn, $210.71.

Hardware—Auburn Lumber Co., Auburn, $237.32.

Roofing and Felt—American Fuel and Materials Co., $186.19.

Fiber Board—Auburn Lumber Co., $255.

Plumbing and Sheet Metal—Dallman Supply Co., 8th and R Sts., Sacramento, $672.60.

Electric Material—Auburn Lbr. Co., $157.52.

Cement—Fob Camp, Auburn Lbr. Co., $165.15.

BID NO. 5911-35-185:

(A) Camp Scott, A-1, Fort Barry.

Lumber—Diamond Match Co., Chico, $7,492.20.

Mill Work—Diamond Match Co. $950.51 pany, $950.51

Hardware—Diamond Match Co., 556.8

Roofing and Felt—Zellerbach Paper Co., 534 Battery St., San Francisco, $300.24.

Fiber Board—Western Asbestos Co. 675 Townsend St., San Francisco $1,327.35.

Plumbing and Sheet Metal—Dallman Supply Co., $1,414.79.

Cement—Diamond Match Co., $114.25

Concrete Footing—Diamond Match Co $93.75.

Shingles—Diamond Match Co., $798.20

CONTRACTS AWARDED

MONTEREY, Cal.—Contracts for furnishing miscellaneous materials for construction of CCC Camps have been awarded by Major John T. Sallee, District Quartermaster, Presidio of Monterey, as follows:

BID No. 5917-35-76: CCC Camp Whitehouse Creek, SP-37, located approximately 15 miles north of Davenport, Santa Cruz County bids opened June 4:

Plumbing—Oakland Sheet Metal Supply Co., Oakland, $1288.70.

Roofing and Felt—M. J. Murphy, Carmel, $530.58.

Fibre Board — Hebron Lumber Co., Santa Cruz, $1495.58.
Lumber—Hammond Lumber Co., San Francisco, $10,983.55.
Millwork — Pacific Mfg. Co., Santa Clara, $920.85.
Hardware—San Jose Hardware Co., San Jose, $564.61.
Electrical — General Electric Corp., San Francisco, $182.15.
Cement & Brick—Henry Cowell Lime & Cement Co., Santa Cruz, $20?.
BID No. 5917-35-77: CCC Camp Aptos, SES-7, located ¾ mile northeast of Aptos, Santa Cruz County; bids opened June 4:
Lumber—Hammond Lumber Co., San Francisco, $10,307.65.
Hardware—San Jose Hardware Co., San Jose, $564.61.
Roofing—Hebron Lumber Co., Santa Cruz, $511.86.
Fibre Board — Hebron Lumber Co., Santa Cruz, $1482.24.
Cement & Brick—Henry Cowell Lime & Cement Co., Santa Cruz, $197.
Millwork — Pacific Mfg. Co., Santa Clara, $920.85.
Plumbing and Sheet Metal—Oakland Sheet Metal Supply Co., Oakland, $1547.59.
BID No. 5917-35-78: CCC Camp Pinto Lake, SES-8, located 5 miles north of Watsonville, Santa Cruz Co.: bids opened June 4:
Lumber—Hammond Lumber Co., San Francisco, $10,272.03.
Millwork—Peterson Planing Mill, Watsonville, $851.50.
Roofing—Homer T. Hayward, Pacific Grove, $511.86.
Fibre Board — Homer T. Hayward, Pacific Grove, $1482.24.
Plumbing and Sheet Metal — Oakland Sheet Metal Co., Oakland, $1593.
Cement and Brick — Central Supply Co., Pacific Grove, $174.
Hardware—Holman Department Store Pacific Grove, $535.20.
Electrical—General Electric Co., San Francisco, $182.15.
BID No. 2917-35-79: CCC Camp Ord, A-3, approximately 6 miles west of Salinas; bids opened June 8:
Lumber—Tom Hambey Lumber Co., Soledad, $6560.72.
Millwork—Sechrest Lumber Co., Salinas, $801.12.
Fibre Board—San Jose Hardware Co., San Jose, $1448.45.
Roofing — M. J. Murphy, Carmel, $518.12.
Plumbing — Richmond Sanitary Co., San Francisco, $1452.55.
Electrical—Incandescent Supply Co., San Francisco, $223.76.
Cement and Brick — Tom Hambey Lumber Co., Soledad, $209.50.
Hardware—Holman Department Store, Pacific Grove, $505.28.

CONTRACTS AWARDED

SAN FRANCISCO. — Schrader Iron Works, Inc., 1247 Harrison Street ,at $1,580, for steel work; and Michel & Pfeffer Iron Works, Inc., Harrison and 10th Sts., at $500, for windows, awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR 1375.

CONTRACT AWARDED

LOS ANGELES, Cal. — Southern Pipe & Casing Co., Azusa, at $5090 awarded contract by the Los Angeles Water & Power Commission, June 18 for furnishing 10,000 ft. 14-in., I.D., No. 14. U. S. S. Gauge, asphaltum dipped, welded steel drive pipe for use in the Mono Craters tunnel in Mono Basin, under specification No. 710. The items were:

(a) for 4000 ft. pipe, complete delivery within 5 days after date of award f.o.b. trucks bidder's shipping point;

(b) 6000 ft. pipe delivered at 1000 ft. per month, beginning 30 days after date of award f.o.b. trucks department's East Portal Camp site in Mono Basin.

The bids were:

Southern Pipe & Casing Co., (a) $.509; (b) $.509, Azusa, price deduct $.06 per ft. Delivered in Los Angeles deduct $.05 per ft. Terms net.

Consolidated Steel Corp., (a) $.56; (b) $.60, shipping point Los Angeles. Terms net.

Western Pipe & Steel Co., (a) $.49; (b) $.61, shipping point Los Angeles. Terms net.

American Pipe & Steel Corp., (a) $1760; (b) $2610, shipping point Alhambra. Terms net.

BIDS OPENED

SAN FRANCISCO.—James L. Hall, Mills Bldg., at $0.784 each submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1384, for furnishing 2,500 6-in. x 8-in. x 8-ft. No. 1 split California Redwood ties.

Complete bids follow:
James L. Hall, $0.784 each.
Henry P. Zill, Westport, $0.795.
Gamerston & Green, $0.80.
Hammond Lumber Co., $0.815.
Christenson Lumber Co., $0.848.
Chas. Nelson Co., $0.855.
J. R. Hanify Co., $0.864.
E. K. Wood Lumber Co., $1.225.
All bidders of San Francisco unless otherwise noted.
Bids held under advisement.

CONTRACT AWARDED

SACRAMENTO, Cal.—N. M. Minnix Co., at $123.50 awarded contract by Post Office Department for furnishing one steel map case for the post office at Sacramento.

CONTRACT AWARDED

GUNNISON, Colo. — United States Portland Cement Co., Denver, at $53.-400 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 658-D, for furnishing cement for the Taylor Park Dam, Uncompahgre Project, near Gunnison, Colorado.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing treated Douglas fir or southern pine telephone poles, roofed and framed for two cross-arms at 2-ft. spacing, fob bidder's shipping point for delivery to Placentia, Calif., under Bid No. DPM 1080, were opened by the U. S. Forest Service, 751 S. Figueroa St., Los Angeles, June 17.

Bids were taken on the following:
(1) 120 poles 20-ft. long;
(2) 10 poles 25-ft. long;
(3) 5 poles 30-ft. long.

The bidders were:

(A) J. H. Baxter & Co.—Douglas fir poles. Delivery in 30 days fob plant at Long Beach. Terms net.

(B) Graybar Electric Co. Southern pine poles. Delivery fob Kilbiaire, Texas, in 15 days. Terms net.

(C) Texas Creosoting Co.: Southern pine poles. Delivery fob Orange, Tex., in 15 days. Terms net.

(D) American Lumber & Treating Co.: Douglas fir poles. Delivery fob Wilmington, Calif., in 45 days.

(E) Consolidated Lbr. Co.. Douglas fir poles. Delivery fob Seattle in 35 days, subject to strike conditions.

(F) General Elec. Supply Co.: Delivery fob De Ridder, La., in 13 days.

(G) Chas. R. McCormick Lbr. Co.: Douglas fir poles. Delivery fob cars Placentia. Terms net.

(H) Chas. R. McCormick Lbr. Co. (alternate): Douglas fir poles. Delivery fob Wilmington, Calif. 35-day delivery.

(I) Joslyn Co. of California: Southern pine poles. Delivery fob Winfield, La. Terms net. Delivery to Placentia, in approximately three weeks.

The bids follow:

	(1)	(2)	(3)
(A)	$3.75	$5.00	$6.25
(B)	3.08	4.27	5.67
(C)	1.98	2.75	3.65
(D)	3.73	4.62	6.17
(E)	3.05	4.10	5.30
(F)	2.12	2.94	3.74
(G)	3.77	5.11	6.31
(H)	3.55	4.78	5.90
(I)	2.16	2.88	3.96

BIDS OPENED

SACRAMENTO, Cal. — Following bids received by the U. S. Engineer Office, Capt. J. G. Drinkwater, Dist. Engineer, 208 Post Office Bldg., Sacramento, under Spec. No. 7387, for furnishing and operating one tug boat to tow the U. S. Government Dredge "Sacramento" from the vicinity of Stockton to either Collinsville, Junction Point or Sacramento:

Shipowners & Merchants Tug Boat Co.: To Sacramento, $720.

Heringer & Stock, Rio Vista: To Junction Point, $142.50; Collinsville, $142.50; Sacramento, $315.

Crowley Launch & Tugboat Co., San Francisco: To Junction Point, $455 Collinsville, $400; Sacramento, $700

Harbor Tug & Barge Co., San Francisco: To Junction Point, $400; Collinsvill, $325; Sacramento, $600

Rio Vista Lighterage Co., Rio Vista: To Junction Point, $123.55; Collinsville, $123 55; Sacramento, $247.50.

Bay & Ocean Towing Co., San Francisco: To Junction Point, $349; Collinsville, $274; Sacramento, $449

Bids held under advisement.

50- 70- 75-h.p. Firebox Boilers

125- and 150-lb. W. P., A.S.M.E. Code built at Taft; Coalinga and San Francisco. Write for Details.

OCEAN SHORE IRON WORKS
MA rket 0462 - 550 Eighth Street - San Francisco

DICKEY Burned Clay Products

Mastertile - Partition Tile - Face Brick - Drain Tile Fire Brick
Common Brick and Mortar Colors
SAN FRANCISCO OFFICE:
116 New Montgomery Street - Telephone SUtter 4345
Sar Francisco: Seventh and Hooper Streets
OAKLAND OFFICE AND YARD:
First and Jackson Streets - Telephone GLencourt 2027

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 1, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1400, for furnishing:

PROPOSAL A

(1) 100 6-in. diam. non-rinsing stem double disc gate valves for 150 lbs. water working pressure.
(2) 100 8-in. do.
(3) 24 12-in. do.
(4) 25 16-in. do.

PROPOSAL B

Combination of Items 1, 2, 3 and 4 of Proposal A.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 1, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1401, for furnishing miscellaneous lengths of cold rolled steel, mild steel, Tobin zronze, galvanized iron sheets, brass rods and strips.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 1, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1399, for furnishing approximately 6650 lbs. of Kalsomine for the School Department.

Specifications obtainable from the above office.

SAN FRANCISCO—Until June 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1392, for furnishing 1600 oak chair desks for the School Department.

Specifications obtainable from above office.

SAN FRANCISCO.—Until June 28, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1397, for furnishing 10,000 ft. of 6-in. Class 150 cast iron water pipe.

Specifications obtainable from above office.

SAN FRANCISCO.—Until June 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1394, for furnishing 15 tons of pig lead, and approximately 12,550 lbs. of 1- and ¾-in. lead pipe, for the San Francisco Water Department.

Specifications obtainable from above office.

SAN FRANCISCO.—Until June 24, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1395, for furnishing fencing for the Hetch Hetchy Project, as follows:

(1) 872 l.f. fencing, 7-ft. high;
(2) 872 l.f. 1⅝-in. galv. pipe, top rail
(3) two 3-ft. swing walk gates;
(4) three 12-ft. swing double drive gates;
(5) two 2½-in. galv. pipe end posts;
(6) ten 2½-in. galv. walk gate posts;
(7) thirteen 2½-in. galv. corner posts.

Specifications obtainable from above office.

CALIFORNIA STATE

STOCKTON, San Joaquin Co., Cal.—Until June 25, 3 P. M., bids will be received by W. H. Riechel, Superintendent of Equipment, Division of Highways, 1200 North Center Street, Stockton, for the sale of the following equipment:

CHC 448 Grader, Adams 7-ft. blade leaning wheel, S. R. tires;
CHC 458 Grader, Rome 8-ft. blade leaning wheel, with scarifier, S. R. tires;
CHC 150 Kettle, asphalt, Alco 65-gal. with geared hand pump, 2 wheels, S. R. tires;
CHC 156 Kettle, asphalt, Spearwell, 110-gal. with geared hand pump, 2 wheels, S. R. tires;
CHC 57 Mowing Machine, McCormick-Deering, 5-ft.
CHC 72 Mowing Machine, McCormick-Deering, 5-ft.

The above equipment may be inspected at the Division of Highways Yards, 1144 South Wilson Way, Stockton, on any working day between the hours of 9:00 A M. and 5:00 P. M.

FRESNO, Fresno Co., Calif.—Until June 25, 3 P. M., bids will be received by F. F. Green, Superintendent of Equipment, Shop 6, Division of Highways, 645 West Olive Ave., Fresno, for the sale of the following equipment:

CHC 3943 Ford Touring Model "A";
CHC 152 Trailer, shopmade, 6-ton. flatrack;
ONE only 1¼-yd. Plate Dipper for No. 700 P & H Shovel;
WHITE Truck Parts: Miscellaneous for Model 55.

All of the equipment listed may be inspected at the Division of Highways Yards, 645 West Olive Ave., Fresno, from 8:30 A. M. to 4:30 P. M., on any working day.

EUREKA, Humboldt Co., Cal.—Until June 25, 3 P. M., bids will be received by W. H. Pierce, Superintendent of Equipment, Shop 1, Division of Highways, Eureka, for the sale of the following equipment:

CHC 2815 Truck, Graham ¾-ton Screenside—1928;
CHC 3775 Truck, Ford 1-ton AA chassis with cab—1931;
CHC 5 Bulldozer, 8-ft. McMillan, hydraulic lift for "30" tractor;
CHC 140 Drill, Ingersoll-Rand DC-R 230 jackhammer;
CHC 471 Grader, Rome, 10-A 8-foot leaning wheel, S. R. tires;
CHC 124 Kettle, asphalt, two 110-gal. capacity, Littleford mounted on 2-ton trailer;
CHC 95 Pump, Byron Jackson 5-inch centrifugal direct connected to 50-hp. Cadillac engine, all mounted on skids.

CHC'S 2815, 140, 95 and 5 may be inspected at the Division of Highways' Yards at Eureka, from 8:30 A. M. to 4:30 P. M. on any working day, and CHC'S 3775, 471 and 124 may be inspected at the Division of Highways' Yards at Willitts from 8:30 A. M. to 4:30 P. M., on any working day.

SACRAMENTO, Cal.—Until June 25, 3 P. M., bids will be received by R. H. Stalnaker, Equipment Engineer, 1805 34th St., Sacramento, for the sale of the following equipment:

CHC 2517 Truck, Mack 3½-yd. hydraulic dump body, Model AC—1927;
CHC 3043 Truck, F.W.D. 3½-ton chassis, Model Com. Utility 6—1929;
CHC 3098 Truck, Moreland, two-ton chassis, Model RR6—1929.
CHC 3310—Truck, Dodge ¾-ton, 6-cylinder, Screenside—1929;
CHC 3884 Automobile, Hudson, 8-cylinder Sedan—1931;
CHC 4175 Automobile, Pontiac 8-cylinder Sedan—1932;
CHC 197 Drill for rock, Ingersoll-Rand Model S-49;
CHC 168 Grader-Tractor, Austin McCormick-Deering Dual Drive, dual pneumatic tires, 10-ft. blade, front scarifier;
CHC 191 Kettle, asphalt, Chausser with geared hand pump, Trombone type burner, two wheels, S. R. tires;
CHC 56 Roller, Acme 6-ton, 3 wheels, rear scarifier tractor tracks; set for Allis Chalmers "35" tractor.

The above equipment may be inspected at the Division of Highways' Yards at 1805 34th St., Sacramento, from 8:30 A. M. to 4:30 P. M. on any working day.

SAN FRANCISCO—Until June 25, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC 3403 Truck, Federal 1½-2 Ton Chassis, Pneu. Tires, Model A-6, 1930.
CHC 3508 Truck, Dodge ¾-Ton Screenside, Pneu. Tires, Model BF 1930.
CHC 3547 Truck, Moreland, 1½-2-Ton Chassis, Pneu. Tires, Model RR6, 1930.
CHC 3579 Truck, Kleiber 1½-2-Ton Chassis, Pneu. Tires, Model 52-S, 1930.

The above equipment may be inspected at the Division of Highways' Yard at 1045 Derby Avenue, Fruitvale (Oakland), on any working day bet. the hours of 8:30 A. M. and 4:30 P. M.

EAST BAY UTILITY DIST.

OAKLAND, Cal—Until June 25, 8 P. M., bids will be received by East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th Street Oakland, under Proposal No. 624, for furnishing 250,000 gallons of gasoline.

Specifications obtainable from above office.

NAVY DEPARTMENT

BREMERTON, Wash.—Until July 2 10 A. M., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 445 NSA, for furnishing 30,000 ft. b.m. hardwood oak lumber, for ship-use, rough plank.

Specifications obtainable from above office.

Rio Linda School District

RIO LINDA, Sacramento Co., Cal.—Until June 28, 5 P. M., bids will be received by W. F. Hertel, Clerk, Rio Linda Union School District, for building materials to be delivered on the school grounds of the Rio Linda School.

Lists of specifications may be obtained from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

PIMA COUNTY, Arizona — Until June 28, 10 A. M. bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Florence Highway, N.R.M. 9—A.F.E. 528. The work lies within the city limits of Tucson on Stone Ave., approximately between Toole Ave. and Sixth St., and consists of the construction of a reinforced concrete underpass and appurtenances. The principal items and approximate quantities are:

(1) 15,300 cu. yds. struc. excavation;
(2) 72,500 cu. yds. mi. haul of struct. excavation;
(3) 2000 cu. yds. concrete;
(4) 312,000 lbs. reinforcing steel;
(5) 2000 lin. ft. of vitrified clay or concrete pipe of various sizes;
(7) 6000 sq. yds. concrete pavement. Furnishing and placing curbs, gutter, catchbasins, sidewalks, manholes, etc., furnishing and installing a complete lighting system and pumping system.

Certified or cashier's check, 5%. T. S. O'Connell, State Highway Engineer.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—C. W. Caletti & Co., P. O. Box 243, San Rafael, at $148,980 awarded contract by the State Highway Commission, Sacramento, for the construction of two timber bridges with concrete decks and about 0.7 mile of grading and surfacing with creek run gravel base and road mix surfacing at Red Mountain Creek and McCoy Creek in Mendocino County.

CONTRACT AWARDED

SAN JOAQIN COUNTY, Cal.—John Hachman, P. O. Box 206, Stockton, at $66,000 (Schedule I) awarded contract by the San Joaquin County Board of Supervisors, Stockton, for the construction of a 204-ft. steel drawbridge over Honker Cut, connecting King Island and the Empire tract, consisting of one 187-ft. and one 85-ft. approach spans, protection work for the draw span, and construction of a temporary ferry landing to be used during construction of the bridge.

BIDS WANTED

PLACER COUNTY, Cal.—Until July 2, 10 A. M., bids will be received by the Placer County Board of Supervisors, Court House, Auburn, for the erection of a 65-ft. steel through plate girder span on steel H pile foundations, in Placer County about 8 miles northwest of Roseville, Bridge No. 6 on Road No. 27.

Specifications obtainable from the County Clerk and from W. E. Emmett, 901 Russ Bldg., San Francisco, at a charge of $1.

PLANS AWAITING APPROVAL

ALAMEDA COUNTY, Calif.—Plans and specifications for construction of barriers and bumpers for the Park Street Bridge have been submitted to Clifton E. Hickok, Northern California District Engineer of the PWA, for approval.

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until June 26, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2631, for furnishing one 55-ft. standard thru truss span, including all structural steel, bolts for field connections, etc., for the Kosh Creek Bridge.

Delivery f.o.b. bidder's shipping point and/or Redding and/or bridge site, approximately 55 miles northeast of Redding.

Specifications obtainable from the Forest Service, Bridge Engineer, 85 Second St., San Francisco.

22—DREDGING HARBOR WORKS EXCAVATION

CONTEMPLATED

HUENEME, Ventura Co., Calif.—The Hueneme Dock Corp. has announced that the proposed harbor at Hueneme will be financed by private capital in view of the recent rejection by the Public Works Administration of the corporation's application for federal aid. Plans as submitted to the government provide for improvements costing $2,500,000. Of this sum, $900,000 was to be provided by private capital and $1,600,000 by loan and grant. The proposed work involves construction of a channel protected by a stone jetty, a central turning basin, wharfage facilities, transit sheds, trackage, and necessary highways. Col. Chas. T. Leeds, 605 W. 10th St., Los Angeles, is the Chief Engineer. Richard Bard is president, Harold A. Forbes, vice-president and Herbert G. Lyttle, secretary.

23—IRRIGATION PROJ.

APPLICATIONS FILED

SACRAMENTO, Cal. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during May, 1935:

8329 (Placer County) A. W. Lackey Alta, for 25 cfs from Blue Canyon Creek tributary to North Fork American River to be diverted for mining purposes. Est. cost, $30,000.

8330 (Sierra County) J. K. Latta, Downieville, for 0.125 cfs from spring tributary to Coyote Ravine and the North Fork of the Yuba River to be diverted for irrigation and domestic purposes on 3 acres.

8331 (Siskiyou County) Charles F. Goodrich, Somes Bar, for 3 cfs from Tom Payne Creek tributary to Salmon River to be diverted for mining purposes. Est. cost $250.

8332 (Inyo County) LeRoy E. Kain, Trona, for 5 cfs from Pleasant Canyon tributary to Panamint Valley, to be diverted for mining and domestic purposes. Est. cost $100.

8333 (San Diego County) Albert Vanceo, Borego, for 1 cfs from Hell Hole Creek tributary to Coyote Creek to be diverted for irrigation purposes on 20 acres. Est. cost, $2500.

8334 (Inyo County) Chas. L. Beatty Los Angeles, for 1 cfs from Jail Canyon stream tributary to Panamint Desert to be diverted for mining and domestic purposes. Est. cost $575.

8335 (Inyo County) Theo. Peterson, Darwin, for 1 cfs from Darwin Wash to be diverted for irrigation purposes on 20 acres. Est. cost, $800.

8336 (Siskiyou County) H. A. and L. A. Ball, Cecilville, for 50 cfs from East Fork of the South Fork of Salmon River, to be diverted for mining purposes.

8337 (Placer County) A. W. Lackey, % Chas. E. Crook, Colfax, for 2½ cfs from a spring tributary to American River to be diverted for domestic purposes. Est cost, $5000.

8338 (Contra Costa County) Marie Sproule, % Chadwick & Sykes, Inc., San Francisco, for 37 cfs from Old River, Italian Slough and Dredger Cut, to be diverted for irrigation purposes on 2360 acres.

8339 (Calaveras County) Camanche Placers, Ltd., 555 Post St., San Francisco, for 2 cfs from Mokelumne River tributary to San Joaquin River to be diverted for mining purposes. Est. cost, $1,000.

8340 (Siskiyou County) John and Edna C. Nefroney, Etna, for 6 cfs from South Russian Creek tributary to North Fork of Salmon River, to be diverted for power purposes; 133 thp to be developed. Est. cost, $3,000.

8341 (San Bernardino County) Fred W. Alexander, Fontana, for .10 cfs and 1 ac. ft. per annum from an unnamed seepage tributary to Mojave River drainage area to be diverted for mining and domestic purposes.

8342 (Placer County) Herstle Jones, Soda Springs, for 15 cfs from South Fork of Yuba River, tributary to the Yuba River, to be diverted for power purposes. Est. cost $3500.

8343 (Placer County) Herstle Jones, Soda Springs, for 0.156 cfs from two unnamed springs tributary to South Fork of Yuba River, to be diverted for domestic and fire protection. Est. cost, $1500.

8344 (Humboldt Co.) U. S. Trinity National Forest, Weaverville, for .011 cfs from Boise Creek tributary to Willow Creek to be diverted for recreational purposes. Est. cost $150.

8345 (Riverside County) Grace L. Williams, Skyforest, for 1000 gallons per day from a spring tributary to South Fork of San Jacinto River, to be diverted for domestic and stock purposes. Est. cost $10.

8346 (Siskiyou County L. A. Strouss Clear Creek, for 1 cfs from Carter

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Creek tributary to Klamath River, to be diverted for irrigation and domestic purposes on 25 acres. Estimated cost $300.

8347 (Mendocino Co.) H. M. Carroll, Laytonville, for .025 cfs from Mill Creek tributary to Eel River to be diverted for domestic purposes. Est. cost $100.

8348 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River, to be diverted for power purposes; 1336 thp to be developed.

8349 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River, to be diverted for municipal purposes.

8350 (Lassen County) C. M. Wickham, Portland, Ore., for 20,000 ac. ft. per annum from Deep Cut Creek tributary to Secret Creek to be diverted for irrigation purposes. Est. cost, $45,000.

8351 (San Bernardino County) San Bernardino Valley Water Conservation Dist., Rt. 1, Box 219, Redlands, for 24,000 ac. ft. per annum from Santa Ana River tributary to Pacific Ocean, to be diverted for irrigation purposes.

CONTRACTS AWARDED

OWYHEE PROJECT, Oregon-Idaho—Winters & Ashcroft, Route 1, Nyssa, Oregon, at $7469.50 on Schedule 1; and Fife & Co., Adrian, Oregon, at $13,274.50 on Schedule 2, awarded contracts by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 681-D, for the construction of structures, North Canal laterals N.C. 9.9-10.5; 10.5-0.3; 10.5-0.6; 10.5-1.2; 10.5-1.8; 10.5-2.1; 11.0; 11.7; 12.4; 2.4-0.4; 12.9; 13.6; 13.6-0.2; 13.6-0.8 and 13.6-1.1, Mitchell Butte Division, Owyhee Project, near Dunaway, Oregon.

CONTRACT AWARDED

OWYHEE PROJECT, Ore.—Joseph P. Brumbach, Parma, Idaho, at $16,550 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 679-D, for the construction of earthwork, North Canal Laterals, 25.4 to 27.8-0.7, Mitchell Butte Division, Owyhee Project. The work is located near Dunaway and Nyssa, Oregon.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

LUKE FIELD, T. H.—H. H. Walker, 1323 Venice Blvd., Los Angeles, at $10,125 submitted the only bid received by the Quartermaster, Fort Shafter, T. H., for the construction of a night lighting system at Luke Field, Honolulu.

BIDS WANTED

SAN FRANCISCO.—Until June 24, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under L. & P. Contract No. 7, for the installation of an ornamental street lighting system on the Embarcadero, between Market and Howard Street.

The work involves:

(1) 9 each ornamental iron standards;
(2) 9 each luminaries with compensators;
(3) 9 each 4,000 lumen 15 ampere Mazda street series lamps;
(4) 9 each concrete foundations for standards;
(5) 1,150 feet 1½-in. black conduit;
(6) 2,800 ft. 5,000 volt single conductor No. 8 AWGR and L C wire.

Plans and specifications obtainable at Rom 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $10.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO—Following bids received by the U. S. Forest Service, P. E. Brown, Procurement Engineer, 85 Second St., San Francisco, under Contract No. 593, for furnishing one ⅝ yard shovel and trailer:

(1) Price; (2) Model; (3 f.o.b. point; (4) Discount; (5) Shipping weight; (6) Delivery time:

Harnischfeger Sales Corp., (1) $5485; (2 Model 100; (3) Milwaukee; (4) 2% 15 days; (5) 22,000 lbs.; (6) 30 days.

Harnischfeger Sales Corp., (1) $6540; (2) Model 200; (3) Milwaukee; (4) 2% 15 days; (5) 29,000 lbs.; (6) 30 days.

Byers Machine Co., by Edward R. Bacon, (1) $6025; (2) Model 55; (3) Ravenna, Ohio; (4) 2% 15 days; (5) 31,900 lbs.; (6) 4 days.

Norris K. Davis Co., (1) $4500; (2) Model 32-L; (3) Tiffin, Ohio; (4) 2% 10 days; (5) 24,000 lbs.; (6) 25 days.

Norris K. Davis Co., (1) $5825; (2) Model 32; (3) Tiffin, Ohio; (4) 2% 10 days; (5) 32,500 lbs.; (6) 25 days

Jenison Machinery Co., (1) $6559; (2) Orton-3; (3) Huntington, Indiana; (4) 1% 10 days; (5) 25,300 lbs. (operating weight; (6) 30 days.

Bucyrus-Erie Co., (1) $6225; (2) Model 1013; (3) Erie, Pa.; (4) 2% 15 days; (5) 21,500 lbs.; (6) 4 days.

Robinson Tractor Co., (1) $7106; (2) Speeder A-2; (3) Oakland or Los Angeles; (4) 2% 10 days; (5) 35,000 lbs.; (6) 22 days.

Spears-Wells Machinery Co., (1) $6050 (2) Michigan; (3) Oakland; (4) 2% 15 days; (5) 20,000 lbs. (shovel only); (6) 25 days.

Garfield & Co., (1) $6175; (2) Bay City 27; (3) Bay City, Mich.; (4) 2% 15 days; (5) 33,100 lbs.; (6) 3 days.

Bids held under advisement.

BIDS OPENED

SONOMA COUNTY, Calif.—Charles Kuppinger, Box 356, Lakeport, at $3.50 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one power shovel of not less than ⅝ c.y. capacity, for approximately 160 hours, to be used in the vicinity of Cloverdale, Sonoma Co.

Complete bids follow:

Chas. Kuppinger, Lakeport, $3.50.

Robinson and Cowan, Healdsburg, $3.75.

Fred A. Lance, San Jose, $4.00.

Edward R. Bacon Co., San Francisco, $4.50.

Johnson & Nelson, San Anselmo, $4.50.

J. Locatelli, Boulder Creek, $4.89.

Western Crane Service Corp., Oakland, $5.75.

Harry C. Collins Machinery Company, Los Angeles, $6.50.

Consolidated Crane Service, Los Angeles, $7.00.

Bids held under advisement.

BIDS OPENED

SONOMA COUNTY, Calif.—C. H. Speering, Whittier, at $1.29 per hour submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of two pneumatic tired dump trucks, chassis weight not less than 2800 pounds, body capacity not less than 1½ c.y., for approximately 320 hours, to be used in the vicinity of Cloverdale, Sonoma County.

Complete bids follow:

C. H. Sperring, Whittier, $1.29.

Truck Contracting Equipment Co., Mayward, $1.33.

Jack Leonard, Oakland; and F. W. Tutten, Oakland, $1.35.

Roy Parsons, Marysville; and W. L. Morgan, Pasadena, $1.38.

Daniel Gallagher, San Francisco, $1.39.

Fae Erickson, Lomita Park, $1.40.

Walter Ryals, Pasadena, $1.43.

Joe Cunha, Hayward, $1.48.

Ware Bros., San Bernardino; and F. Mullineaux, Oakland, $1.49.

L. A. Herlyck, Los Angeles; V. S. Boren, Hollywood; V. M. Kimble, Van Nuys, and Rock & Gravel Trucking Co., Oakland, $1.50.

A. Texeira, Oakland; Eugent Della Rosa, Martinez; and Lambretti Bros., Mill Valley, $1.53.

A. L. Green, Oakland, $1.60.

Fred Montank, oLs Angeles, $1.66.

A. C. Bussey, Riverside, $1.68.

B. B. Smedley, Bellflower, $1.75.

N. P. Van Valenburgh, Los Angeles, $1.77.

H. G. Miller, Oakland, $1.80.

Bids held under advisement.

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Following bids received by the State Purchasing Agent, Sacramento, under Quotation 56733, Req. 7335, for furnishing one tractor, fob North Hollywood:

Smith Booth Usher: Gross $2450; trade-in allowance, $650; net , $1800; 2% 30 days.

Shepherd Tractor & Equipment Co. R-3 Caterpillar; $2414.56 gross; allowance, $600; net, $1814.56; Model "40" Caterpillar; $2930 gross; allowance, $600; net, $2330; Model "40" Diesel; $3705.94 gross; allowance, $500; net, $3105.94; 2% 30 days.

Crook Company: Gross, $2,678; allowance, $600; net, $2087; 2% 30 days.

J. D. Adams Co.: Gross, $2867.50; allowance, $685; net, $2182.50; 5% 30 days.

Bids held under advisement.

CONTRACTS AWARDED

BOULDER CITY, Nevada—Grinnell Co. of the Pacific, Los Angeles, at $880.50 for Items 1, 2 and 3; and the Day & Night Water Heater Co., Los Angeles, at $1195 for Items 4 and 5, awarded contracts by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 666-D, for furnishing one electric water heater with tank and motor-driven circulating pump; two 30-ga. and one 120-gal. electric storage water heaters; seven electric water coolers (3 gals. per hour capacity) and four electric water coolers (6.5 gals. per hour capacity) for installation in the Boulder Power Plant, Boulder Canyon Project.

CONTRACT AWARDED

OAKLAND, Cal.—Austin - Western Road Machinery Co., 435 Brannan St., San Francisco, at $4,015 awarded the contract by Oakland City Council for furnishing one 3-wheel road roller.

CONTRACT AWARDED

BOULDER CANYON, Nev. — Babcock & Wilcox Co., Denver, at $18,000 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 680-D, for furnishing twelve discharge guides for 72-in. needle valves for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project.

BIDS OPENED

HILO, Hawaii—Following bids received by the National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing one gasoline-driven sickle mower for the Hawaii National Park:

H. V. Carter Co., 52 Beale St., San

rancisco, $352.04 f.o.b. Hilo; $335 f. b. San Francisco.
Charles Berg Implement Co., 346 Washington St., San Francisco, $352.04 o.b. Hilo; $335 f.o.b. Dunbar, West irginia; 2% 10 days.
Bids held under advisement.

IDS OPENED

SAN FRANCISCO.—Following bids eceived by the Forest Service, Jas. Forster, Assistant Procurement ngineer, 85 Second St., San Francisco, under Contract No. 599, for rnishing one small stationary air mpressor, gas engine-driven:
DeVilbiss Co., S. F.: $142.60 fob San iego; net.
Schott & Katz, S. F.: $150 fob San iego; 2% 10 days.
Ingersoll-Rand Co., S. F.: $208.55 f b San Diego; net.
Gardner-Denver Co., S. F.: $230 f b San Diego; net.
Worthington Co., S. F.: $234.06 fob an Diego; net.
Baker-Hansen Mfg. Co., Alameda, 238.50 fob Alameda; Alt., $206; 2% days.
Kratz & McClelland, S. F.: $214 fob ansing, Mich.; 2% 10 days.
Bids held under advisement.

26— RAILROADS

IDS OPENED

OAKLAND, Alameda Co., Cal.—acific Coast Steel Co., 20th and Illinois Sts., San Francisco, at $4381.65 ubmitted only bid to City of Oakand Port Commission for furnishing nd delivering track materials on the ock at the Seventh Street Unit, Outer Harbor Terminal, Oakland.
Bids held under advisement.

28 — FIRE EQUIPMENT

IDS OPENED

OAKLAND, Cal.—Following bids reeived by the Oakland City Council, une 13, for furnishing 10,000 feet of ¾-in. fire hose:
abric Fire Hose Co., Oakland, $1.40, $1.30 and $1.20.
merican La France & Foamite Co., Oakland, $1.27.
ameron's Inc., Oakland, $120, $1.30 and $1.40.
ioneer Rubber Mills, San Francisco, $1.17.
merican Rubber Mfg. Co., Oakland, $1.17.
hermold Rubber Co., San Francisco, $1.0425.
All bids held under advisement.

WARD RECOMMENDED

SAN DIEGO, Cal.—R. V. Morris & o., 1202 Kettner Blvd., San Diego, t $1,100 submitted low bid and recommended for award of contract by he Public Works Officer, San Diego, nder Spec. No. 7978, for improvements to the fire protection system t the Naval Operating Base (Air tation), San Diego.
The other bids were:
eorge Hess, Los Angeles..... $1,173
yrout Co., Inc., N. Y. C..... 1,225

29—STREETS AND HIGHWAYS

BIDS OPENED

LOS ANGELES COUNTY, Cal.—G. . Curtis Paving Co., 2440 East 26th t., Los Angeles, at $77,357.43 submitted low bid to the Los Angeles ounty board of supervisors, 501 Hall f Records, Los Angeles, June 17, for he improvement of Mission St. and asadena Ave., in the city of South asadena, from Fair Oaks Ave. to the est city boundary at Arroyo Verde oad, a total distance of 8512 l.f., or 61 miles, under Cash Contract No 74, designated as Unit 20 of Federal Public Works Project No. 3123.
The total bids were:
Geo. R. Curtis Paving Co., 2440 East 26th St., Los Angeles, $77,357.43.
Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, $78,219.30.
E. L. Fleming, P. O. Box 109, or 546 W. San Fernando Road, Glendale.
Bids taken under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—W. H. Larson, 432 Michigan Avenue, Berkeley, at $0.439 per sq. yd. awarded contract by the Oakland City Council for the improvement of portions of Snake Road and Skyline Blvd., involving 20,730 sq. yds. penetration macadam surfacing, including preparation of subgrade.

BIDS WANTED

VENTURA and Los Angeles Counties, Cal.—Until July 11, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 5.6 miles grading and paving with Portland cement concrete, and widening two bridges, in Ventura and Los Angeles Counties, between Little Sycamore Canyon and Encinal Canyon.
The work involves:
(1) 299 sta. clearing and grubbing the right of way;
(2) 5,200 M. gals. water;
(3) 258,500 c.y. rdwy. excav., unclass.
(4) 6,080 c.y. struc. excav.;
(5) 1,700 c.y. ditch and channel excavation;
(6) 835,000 sta. yds. overhaul;
(7) 490 c.y. removing existing conc.;
(8) 9,150 c.y. sand;
(9) 55,000 sq. yds. blending subgrade
(10) 50,500 sq. yds. preparing subgrade
(11) 299 sta. finishing rdwy.;
(12) 2,200 sq. yds. asph. paint binder;
(13) 700 tons mineral agg. (plant-mixed surfacing);
(14) 40 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(15) 65 tons liquid asph. SC-2 (prime coat);
(16) 680 tons liquid asph. SC-2 (shoulders);
(17) 54,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 70 tons liquid asphalt 90-95 (seal coat);
(19) 800 tons screenings (seal coat);
(20) 9,400 sq. yds. preparing and shaping gutters;
(21) 10,100 c.y. Class A Portland cement concrete pavement;
(22) 139,000 lbs. bar reinf. steel (pavement, bridges and structures);
(23) 13,650 each pavement dowels;
(24) 1,075 c.y. Class A Portland cement conc. (bridges and struc.)
(25) 13.5 c.y. Class F Portland cement concrete (bridge railing);
(26) 435 lbs. misc. iron and steel;
(27) 650 lbs. bronze expansion plates;
(28) 338 l.f. temporary timber railing;
(29) 1 lot misc. items of work;
(30) 830 l.f. 18-in. standard reinf. concrete pipe;
(31) 600 l.f. 24-in. do;
(32) 180 l.f. 30-in. do;
(33) 410 l.f. 24-in. extra strength do;
(34) 380 l.f. 30-in. do;
(35) 90 l.f. 36-in. do;
(36) 1,920 l.f. 8-in. CMP;
(37) 50 l.f. 18-in. CMP;
(38) 100 l.f. 24-in. CMP;
(39) 60 each spillway assemblies;
(40) 90 each culvert markers;
(41) 1.2 miles new property fences;
(42) 12 each drive gates;
(43) 10.5 miles moving and resetting property fences;
(44) 80 each monuments.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the district engineers in San Francisco and Los Angeles.

NOTE—This contract was advertised previously for bids to be opened on the same date, July 11, 2 P. M., and is being readvertised in order to incorporate new contract provisions required to comply with Federal Government procurement regulations.

BIDS WANTED

STANISLAUS COUNTY, Cal. Until July 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4.5 miles grading and placing road mix surfacing, in Stanislaus County, bet. 0.8 mile north of Newman and 0.2 mile south of Crows Landing.
The work involves:
(1) Clearing and grubbing highway right-of-way;
(2) 1800 M. gals. water;
(3) 37,500 cu. yds. rdwy. excav. (unclass.);
(4) 15,000 sta. yds. overhaul;
(5) 3250 cu. yds. structure excav.;
(6) 37,000 cu. yds. imported borrow;
(7) 214 stations irrigation dikes;
(8) 330 cu. yds. remove concrete;
(9) 240 stations finishing rdwy.;
(10) 9200 cu. yds. untreated crushed gravel or stone base;
(11) 56 tons liquid asphalt SC-2 (prime coat);
(12) 5800 cu. yds. mineral aggregate (road mix surfacing);
(13) 386 tons liquid asphalt MC-5 or MC-extra heavy (road mix surfacing);
(14) 45 tons liquid asphalt MC-3 (seal coat, road mix surfacing);
(15) 345 tons sand (seal coat, road mix surfacing);
(16) 88 tons natural rock asphalt surfacing;
(17) 200 tons liquid asphalt SC-3 (road mix surface treatment, shoulders);
(18) 31,600 sq. yds. preparing, mixing and shaping shoulders (road mix surface treatment);
(19) 6000 lbs. bar reinf. steel (structures);
(20) 160 cu. yds. Class A Portland cement concrete (structures);
(21) 111 MFBM redwood timber, dense, select, all heart structural grade;
(22) 22 MFBM redwood timber, select all heart, structural grade;
(23) 3490 lin. ft. furnishing creosoted Douglas fir piles;
(24) 120 each driving piles;
(25) 114 lin. ft. 8-in. CMP;
(26) 200 lin. ft. 15-in. CMP;
(27) 276 lin. ft. 18-in. CMP;
(28) 408 lin. ft. 24-in. CMP;
(29) 364 lin. ft. 30-in. CMP;
(30) 270 lin. ft. 36-in. CMP;
(31) 100 lin. ft. 42-in. CMP;
(32) 54 lin. ft. 48-in. CMP;
(33) 390 lin. ft. clean and relay CMP culverts;
(34) 299 lin. ft. clean and salvage pipe culverts;
(35) 10 each 18-in. automatic drainage gates;
(36) 1 only 24-in. hand operated slide gate;
(37) 1 only 30-in. do;
(38) 1 only cast steel frame and cover for drop inlet;
(39) 48 each monuments complete in place;

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

NOTE—This contract is being advertised in order to incorporate new contract provisions required to comply with Federal Government procurement regulations.

BIDS WANTED

SO. SAN FRANCISCO, San Mateo Co., Cal.—Until June 24, 8 P. M.,

bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, for cutting all weeds in parking areas and the areas between sidewalks and property lines on certain streets.

Specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 11, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.1 miles grading and paving with asphalt concrete or Portland cement concrete in Los Angeles County on Cerritos Ave. between Los Angeles St. and Artesia Ave.

The work involves:

(1) 110 sta. clearing and grubbing right of way;
(2) 550 M. gals water;
(3) 20,500 c.y. rdwy. excav., unclass.
(4) 1,066,000 sta. yds. overhaul;
(5) 250 c.y. struc. excav.;
(6) 600 c.y. sand;
(7) 3,600 sq. yds. blending subgrade;
(8) 29,700 sq. yds. preparing subgrade
(9) 110 stations finishing rdwy.;
(10) 90 tons mineral aggregate (plant-mixed surfacing);
(11) 5 tons liquid asphalt MC-5 or MC-extra heavy (do);
(12) 1 ton liquid asphalt MC-2 (prime coat);
(13) 25 tons liquid asphalt SC-2 (do);
(14) 315 tons do (road mix surface treatment);
(15) 25,000 sq. yds. preparing, mixing and shaping shoulders;
(16) 27 tons liquid asphalt 90-95 (seal coat);
(17) 320 tons screenings (do);
(18) 4,000 lbs. bar reinf. steel (struc.)
(19) 45 c.y. Class A Port. cement concrete (structures);
(20) 50 l.f. cleaning and salvaging existing CMP culverts;
(21) 2 each culvert markers;
(22) 22 each monuments;

ALTERNATIVE ITEMS

Alternative "A"

(23) 12,400 tons asphalt concrete;

Alternative "B"

(24) 5,535 c.y. Class A Portland cement concrete (pave.);
(25) 14,800 lbs. bar reinf. steel (pave.);
(26) 8,000 each pavement dowels;
(27) 1 temporary pave. crossing device.

Note: Alternative "A" sets forth the necessary item for the construction of the pavement with asphalt concrete. Alternative "B" sets forth the necessary items for the construction of the pavement with Portland cement concrete.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTE—This contract was advertised previously for bids to be opened June 27, 2 P. M., and is being readvertised in order to incorporate new contract provisions required to comply with Federal Government procurement regulations.

BIDS OPENED

LOS ANGELES COUNTY, Calif.—Osborne Co., 1570 San Pasquel Ave., Pasadena, at $22,074.77 submitted the low bid to the Los Angeles county board of supervisors June 17 for the improvement of Santa Anita Road, in the cities of San Marino and San Gabriel, from Longden Ave. to Huntington Drive, a total distance of 3,754 l.f., or 0.71 mile, under Cash Contract No. 478, designated as Unit 19 of Federal Public Works Project No. 3123.

The total bids were:

Osborne Co., 1570 San Pasqual Ave., Pasadena, $22,074.77.
Geo. R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, $24,115.77.
Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, $24,391.69.
Oswald Bros., 366 E 58th St., Los Angeles, $32,781.38.

The two low bids were taken under advisement.

BIDS WANTED

SONOMA COUNTY, Calif. — Until July 3, 2:00 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.2 miles widening and paving with Portland cement concrete and asphalt concrete in the City of Santa Rosa, Sonoma County, between College Ave. and the south city limits.

The work involves:

(1) 11 stations clearing and grubbing right of way;
(2) 13,720 sq. yds. rdwy. excav., unclass.;
(3) 3,070 c.y. creek run gravel base;
(4) 6,460 tons asphalt concrete;
(5) 705 c.y. Class A Portland cement concrete (pave.);
(6) 1,210 each pavement dowels;
(7) 16,000 lbs. bar reinf. steel (struc.)
(8) 165 c.y. Class A Portland cement concrete (struc.);
(9) 550 l.f. removing existing culverts;
(10) 326 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(11) 25,100 sq. yds. asph. paint binder;
(12) 585 c.y. concrete removed and disposed of;
(13) 1,400 l.f. removing existing granite curbs;
(14) 22 ea. manholes adjusted to grade
(15) 16,500 sq. yds. planing existing pavement;
(16) 124 l.f. 30x5-in. part circle CMP, 8 gauge;
(17) 144 l.f. do. 12 gauge.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

NOTE—This contract was advertised previously for bids to be opened June 26, 2 P. M., and is being readvertised in order to incorporate new contract provisions required to comply with Federal Government procurement regulations.

BIDS WANTED

SISKIYOU COUNTY, Calif. — Until July 3 2:00 P. M., bids will be received by the State Highway Commission, Sacramento, for about 8.2 miles grading in Siskiyou County between Cougar and four miles northeast of Grass Lake Station.

The work involves:

(1) 42 acres clearing and grubbing highway right of way (inside slope line);
(2) 59 acres clearing highway right of way (outside slope line);
(3) 157,000 c.y. rdwy. excav., unclass.
(4) 881,000 sta. yds. overhaul;
(5) 670 c.y. ditch and channel excavation;
(6) 58,000 c.y. imported borrow;
(7) 720 c.y. struc. excav.;
(8) 435 sta. finishing rdwy.;
(9) 10,800 lbs. bar reinf. steel (struc.)
(10) 140 c.y. Class A Portland cement concrete (struc.);
(11) 76 l.f. 12-in. CMP;
(12) 956 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 72 l.f. 48-in. CMP;
(16) 54 each monuments complete in place.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

NOTE—This contract was advertised previously for bids to be open June 26, 2 P. M., and is being readvertised in order to incorporate new contract provisions required to comply with Federal Government procurement regulations.

BIDS OPENED

PASADENA, Los Angeles Co., C —Osborn Co., 1570 San Pasqual, Pas dena, at $12,200 submitted low to the Pasadena City Directors, Ju 17, for paving and otherwise impro ing Fair Oaks Avenue between Col rado Street and Washington Street, the City of Pasadena, a total leng of 8300 lin. ft. under Cash Contra

The total bids were:

Osborn Co., Pasadena, $12,200.
Griffith Co., Los Angeles, $12,801.

CONTRACT AWARDED

OAKLAND, Cal.—Ransome Co., 40 Hollis St., Emeryville, awarded co tract at prices shown below for r pair of asphalt and bituminous pav ment for the fiscal year ending Ju 30, 1936:

(1) Wearing surface in orders of le than 500 sq. ft., $0.18;
(2) do in orders over 500 sq. ft., $0.
(3) Base, per cu. ft., $0.43;
(4) Resurfacing, in orders less th 25 tons, per ton, $5.75;
(5) do in orders of 25 to 50 tons, p ton, $5.00;
(6) do in orders over 50 tons, per t $4.25.

BIDS WANTED

RIVERSIDE & SAN BERNARDIN COUNTIES, Cal.—Until July 11, 2 M., bids will be received by the Sta Highway Engineer, State Bldg., L Angeles, for about 33.5 miles liqu asphalt treatment in Riverside a San Bernardino Counties, between miles north of Blythe and Vidal.

The work involves:

(1) 1190 tons liquid asphalt SC-2;
(2) 625 tons liquid asphalt SC-4;
(3) 356,300 sq. yds. preparing, mixin and shaping roadbed;
(4) 8000 sq. yds. preparing, mixin and shaping slopes.

Plans and specifications obtainab from the State Highway Commissio Sacramento, and on file at the offic of the District Engineer in San Fra cisco and Los Angeles.

NOTE—This contract was advertis ed previously for bids to be opene June 20, 2 P. M., and is being rea vertised in order to incorporate ne contract provisions required to com ply with Federal Government procure ment regulations.

CONTRACT AWARDED

KITSAP AND MASON COUNTIE Wash.—Independent Asphalt Pavi Co., 914 Seaboard Bldg., Seattle, $57,178 submitted the only bid a awarded contract by L. V. Murro Director of Highways, Olympia, Ju 11, for surfacing with crushed sto and stockpiling crushed stone a mineral aggregates (oil rock) on abo 8.6 miles of State Road No. 14, Tid water Creek to Union River, Unit of P.W. Project 5915, in Kitsap a Mason Counties.

CONTRACT AWARDED

KITTITAS COUNTY, Wash.—J. Forbes, 110 E. Union Street, Olymp June 11, for constructing a bitumino retread surface on about 19.9 mil of State Road No. 3, Teanaway Ellensburg, Section 1, constructing non-skid seal treatment on about miles of State Road No. 7, Ellensbu to Highline Canal, Section 2, and co structing bituminous macadam Cla D penetration type surface on abo 8.9 miles of State Road No. 7, Alak

ils to Vantage Ferry Bridge, Section 3, all in Kittitas County.

. C. Compton, McMinnville, Oregon, $69,332; and Babler Bros., Portland, $70,873 submitted second and third bids, respectively.

BDS WANTED

LKO COUNTY, Nevada — Until ne 26, 2:30 P. M., bids will be reved by the Nevada State Highway ectors, Robert A. Allen, State hway Engineer, Heroes Memorial Bg., Carson City, for the construction of an asphaltic roadmix surface a portion of the State highway system in Elko County, Route 13, Section from Wells to the Nevada-Idaho te Line, a length of approximately 5 miles.

he work involves:
4927.4 tons asphaltic road material, Type SC-2;
447.3 tons asphaltic road material, Type MC-2;
67.92 miles roadmix;
67.92 miles finish roadway;
254 each culvert markers;
385 each, guide posts;
2470 lin. ft. metal guard rail.

lans and specifications obtainable n the above office upon deposit of of which amount $2.50 will be reurnable; and on file at the office of Bureau of Public Roads, 807 Shel- Bldg., 461 Market St., San Fran- o.

DS REJECTED

ITSAP COUNTY, Wash.—All bids olved by L. V. Murrow, Director of hhways, Olympia, June 11, for kpiling about 4340 cu. yds. of eral aggregate (oil rock) materials about 4.3 miles of State Road No. Bremerton to Chico Creek, Section or about 12.4 miles of State Road 21, Keyport Junction to Port ble, Section 2; and for about 3.9 s of State Road No. 14, Tidewater k to Port Orchard, Section 3, e rejected.

ne bids were:
eral Construction Co., Seattle, $9,-926.
pendent Asphalt Paving Co., Seattle, $10,068.

NTRACT AWARDED

KANOGAN COUNTY, Wash. — C. Wachter, Stevenson, Wash., $31,142 submitted low bid and rded contract by L. V. Murrow, ctor of Highways, Olympia, June for grading and surfacing with hed stone about 1.3 miles of the how Valley Highway, Methow vi- y, Section 2, P.W. Project 5335, kanogan County.

mplete bids follow:
C. Wachter, Stevenson.....$31,142
al Constr. Co., Seattle..... 32,823
eran Bros., Seattle..... 33,920

S WANTED

HITE PINE COUNTY, Nevada— l June 26, 3:30 P. M., bids will be lved by the Nevada State Highl Directors, Robert A. Allen, State hway Engineer, Heroes Memorial g., Carson City, for the construc- of an asphaltic road mix surface portion of the State Highway em in White Pine County, Route Section B, between Preston and tion with State Route 4, a length pproximately 7.35 miles.

he work involves:
491.1 tons asphaltic road material, Type SC-2;
43.8 tons asphaltic road material, Type MC-2;
7.35 miles roadmix;
46 each, culvert markers;
7.35 miles finish roadway.

ans and specifications obtainable the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

LANDER COUNTY, Nevada—Until June 26, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Lander County from Austin Cemetery to a point 12 miles east of Austin, Route 2, Sections D & E, a length of 12.41 miles.

The work involves:
(1) 40 lin. ft. remove fence;
(2) 413 lin. ft. remove culvert pipe;
(3) 20 each, remove culvert headwalls;
(4) 21,500 cu. yds. roadway excavation;
(5) 67,125 sta. yds. overhaul;
(6) 480 cu. yds. structure excavation;
(7) 2.31 miles subgrade;
(8) 10.10 mi. reshape roadway;
(9) 12.41 mi. finish roadway;
(10) 22,500 cu. yds. selected material surface;
(11) 946 tons asphalt road material, Type MC-2;
(12) 12.41 mi. roadmix;
(13) 17 cu. yds. Class B concrete;
(14) 750 lbs. reinforcing steel;
(15) 3006 lin. ft. Redwood curb;
(16) 162 lin. 8-in. C.M.P.;
(17) 696 lin. ft. 12-in. C.M.P.;
(18) 32 lin. ft. C.M.P.;
(19) 172 lin. ft. 18-in. C.M.P.;
(20) 20 lin. ft. 24-in. C.M.P.;
(21) 230 lin. ft. 8-in. perforated underdrain;
(22) 25 cu. yds. gravel backfill;
(23) 242 lin. ft. relay culvert pipe;
(24) 1 each, move pipe culvert headwalls;
(25) 200 lin. ft. metal guard rail;
(26) 8 each, remove and reset monuments;
(27) 3027 lin. ft. stone gutter;
(28) 2570 lbs. castings;
(29) 9 each embankment protectors;
(30) 40 lin. ft. reconstruct fence;
(31) 33 lin. ft. construct fence;
(32) 113 each, culvert markers;
(33) 10 each monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at $3,333.75 awarded contract by the State Highway Commission, Sacramento, for highway oiling in San Diego County, between Encinitas and Oceanside, about 9.7 miles in length, liquid asphalt to be furnished and applied, involving furnishing and applying 525 tons of liquid asphalt, SC-2.

BIDS WANTED

DOUGLAS COUNTY, Nevada—Until June 26, 3 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic roadmix surface on a portion of the State Highway system in Douglas County, Route 37, Section A, from California-Nevada State Line to 4 miles south of Minden, a length of approximately 3.86 miles.

The work involves:
(1) 289.3 tons asphaltic road material, Type SC-2;
(2) 25.4 tons asphaltic road material, Type MC-2;
(3) 3.86 miles roadmix;
(4) 3.86 miles finish roadway;
(5) 40 each, culvert markers.

Plans and specifications obtainable from above office upon deposit of $5, of which Amt. $2.50 will be returnable and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

LYON COUNTY, Nevada — Until June 26, 2:45 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic roadmix surface on a portion of the State highway system, in Lyon County, Route 2B, Section B, from Wabuska to a point 8.5 miles north, a length of approximately 8.54 miles.

The work involves:
(1) 562.6 tons asphaltic road material, Type SC-2;
(2) 56.3 tons asphaltic road material, Type MC-2;
(3) 8.54 miles roadmix;
(4) 8.54 miles finish roadway;
(5) 56 each, culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

ENGINEER APPOINTED

VALLEJO, Solano Co., Cal.—H. J. Brunnier, Sharon Bldg., San Francisco, has been commissioned consulting engineer for proposed repaving of city streets and construction of storm sewers, for which a bond issue of $300,000 was voted April 2.

City Engineer, T. D. Kilkenny is preparing plans.

CONTRACT AWARDED

WHITMAN COUNTY, Wash.—Clifton & Applegate and G. D. Lyon & Co., Hutton Bldg., Spokane, bidding jointly, at $128,870 submitted low bid and awarded contract by L. V. Murrow, Director of Hihghays, Olympia, June 11, for grading and surfacing with crushed stone and constructing a treated timber trestle on about 6.4 miles of State Road No. 3, Dusty East, P.W. Project 7750, in Whitman County. Complete bids follow:

Clifton & Applegate and G. C. Lyon, Spokane, $128,870.
Mathieson Construction Co., Sunnyside, $131,664.
Fred G. Redmon, Yakima, $133,924.
Triangle Construction Co., Spokane, $139,675.
L. Romano Engineering Corp., Seattle, $140,582.
Elliott & Co., Inc., Seattle, $157,637.
F. H. DeAtley & Co., Lewiston, Idaho, $162,802.
P. L. Crooks & Co., Portland, $173,954

BIDS WANTED

SISKIYOU CO., Cal.—Until July 2, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, F. W. Haselwood, District Engineer, Redding, for applying Class "B" seal coat on about 13.7 miles in Siskiyou County between 0.4 mile east of Mt. Hebron and Dorris.

The work involves:
(1) 170 tons liquid asphalt, 90-95;
(2) 2,020 tons screenings.

Plans and specifications obtainable from above office

BIDS WANTED

BUTTE, Colusa and Glenn Counties, Cal.—Until June 24, 10:30 A. M., bids will be received by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for 41 miles liquid asphalt treatment at various locations in Butte, Colusa and Glenn Counties, between Stations 570 and 756, between Miners Ranch and Berry Creek, between mile posts 22 and 31, between 2.95 miles and 9.55 miles north of Yolo county line, and between Ord Bend and Hamilton City.

The work involves:

(1) 45 tons liquid asphalt SC-4 (Location A);
(2) 145 tons do (Location B-1);
(3) 90 tons do, SC-3 (Loc. B-2);
(4) 45 tons do (Location C-1);
(5) 80 tons do, SC-2 (Loc. C-2);
(6) 330 tons do, SC-3 (Loc. D).

Specifications obtainable from above office.

BIDS WANTED

AMADOR AND ALPINE COS., Cal.—Until June 25, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for about 21.9 miles liquid asphalt treatment in Amador and Alpine Counties between Cooks Station and Picketts.

The work involves:

(1) 40 tons liquid asphalt, SC-4 (Location A);
(2) 255 tons do, SC-2 (Loc. A);
(3) 40 tons do, (Location B);
(4) 60 tons do, SC-4 (Loc. B).

Plans and specifications obtainable from the above office.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until June 24, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for about 21.1 miles of liquid asphalt treatment in Tuolumne County, between Hump Siding and Sonora Pass.

The work involves:

(1) 235 tons liquid asphalt, SC-2 (Location A);
(2) 150 tons do (Location B).

Plans and specifications obtainable from the above office.

BIDS WANTED

LANE COUNTY, Ore.—Until June 26, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for constructing 15.237 miles of the Willamette Highway Subgrade Reinforcement, Project FHEC 21-E3, F3, G1, National Forest Road Project, located within the Willamette National Forest, Lane County.

The work involves:

(1) 4,000 c.y. unclass. excavation;
(2) 58,000 tons subgrade reinf.;
(3) 15.237 miles fine grade, subgrade and shoulders;
(4) 11,000 tons crusher rock or gravel top course;
(5) 600 tons supple. crushed rock or gravel (Class A);
(6) 2,000 M. gals. watering;
(7) Lump sum, providing and maintaining roller on job;
(8) 200 days operation of roller;
(9) 3,000 c.y. mi. overhaul;
(10) 2,000 c.y. binder;
(11) 600 tons supplemental crushed rock or gravel (Class B);
(12) 400 c.y. loose riprap, Type 2.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS OPENED

BONNEVILLE, Oregon. — Warren Northwest, Inc., P. O. Box 5072, Portland, at $29,640 submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, June 11, under Bid No. 694-35-34, for the construction of asphaltic concrete paving on permanent roads, driveways and walks at Bonneville:

Complete bids follow:

Warren Northwest, Portland	$29,640
Cascade Const. Co., Portland	30,730
Parker-Schram Co., Portland	30,730
Kero & Kibbe, Portland	31,620
Harold Blake, Portland	34,190
Jacobsen-Jensen Co., Portland	37,929
Engineer's estimate	42,550

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Rasome Co., 4[illegible] Hollis St., Emeryville, submitted t[illegible] only bid received by the Oakland C[illegible] Council June 13, for repair of asph[illegible] and bituminous pavement for the f[illegible] cal year ending June 30, 1936, as f[illegible] lows:

(1) Wearing surface in orders of l[illegible] than 500 sq. ft., $0.18;
(2) do in orders over 500 sq. ft., $0.[illegible]
(3) Base, per cu. ft., $0.43;
(4) Resurfacing, in orders less th[illegible] 25 tons, per ton, $5.75;
(5) do in orders of 25 to 50 tons, [illegible] ton, $5;
(6) do in orders over 50 tons, per t[illegible] $4.25.

Bids held under advisement.

SAN FRANCISCO — PARK-PRESIDIO "A" — (CITY)

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th St., at $58,094.40 submitted low bid to the Department of Public Works, City Hall, under Spec No. 18,844, for installing Section "A" of the Park-Presidio District Extension to the Auxiliary Water Supply System for Fire Protection.

The work will be located on the following streets:

Twelfth Ave.: Cabrillo to California.
California St.: 12th Ave. to Arguello.
Arguello Blvd.: California to Sacramento St.
Sacramento St.: Arguello Blvd. to Lyon St.
Lyon St.: Sacramento to Pacific St.
Pacific St.: Lyon to Divisadero St.

Bids will be taken as follows:

Cast Iron Pipe and Special Castings in Place:

(1) 30 l.f. 14-in. Class E bell and spigot, lugged;
(2) 1157 l.f. 12-in. Class G bell and spigot, plain;
(3) 120 l.f. 12-in. Class G bell and spigot, lugged;
(4) 8016 l.f. 12-in. Class F bell and spigot, plain;
(5) 576 l.f. 12-in. Class F bell and spigot, lugged;
(6) 3865 l.f. 12-in. Class E bell and spigot, plain;
(7) 240 l.f. 12-in. Class E bell and spigot, lugged;
(8) 425 l.f. 8-in. Class G bell and spigot, lugged;
(9) 1 12-in. gate valve, in place;
(10) 23 10-in. do;
(11) 32 8-in. do;
(12) 32 stand. h.p. hydrants, in place;

Note: Items 1to 12, inclusive, Cast Iron Pipe, Valves, Hydrants, and Special Castings, will be furnished by the city.

(13) 70,000 lbs. pig lead, furnished and delivered;
(14) 8,0000 lbs. cast steel special ca[illegible] ings, furnished and delivered
(15) 80,000 lbs. cast iron special ca[illegible] ings, furnished and delivered;
(16) 23,300 lbs. manhole and valve b[illegible] cast iron frames, covers a[illegible] dust pans, furnished and plac[illegible]
(17) 25,500 lbs. wrought iron bol[illegible] nuts and washers, furnished a[illegible] placed;
(18) 85 lbs. reinforcing steel, furnis[illegible] ed and placed;
(19) 22 c.y. Class B concrete in pla[illegible]
(20) 8070 c.y. excavation and backf[illegible]
(21) 38,400 sq. ft. asphalt-concr[illegible] pavement (2-in.-6-in.) Class [illegible] concrete;
(22) 620 sq. ft. concrete pavement [illegible] in.) Class E concrete;
(23) 520 sq. ft. concrete sidewalk (c[illegible] course);
(24) 20 c.y. crushed rock, furnished [illegible] placed;
(25) 40 tons bell and spigot pipe [illegible] double spigot pipe, without lu[illegible] in Classes C to H, inc., and [illegible] nominal dia. of 8- to 18-in. in[illegible]
(26) 4 tons bell and spigot pipe [illegible] double spigot pipe, with bolt[illegible] lugs, in classes C to H inc., a[illegible] in nominal dia. of 8- to 18 [illegible] inclusive;
(27) 250 sq. ft. asphalt-conc. wear[illegible] surface, 2-in. thick.

Note: Items 13 to 27, inclusive: [illegible] material, including Pipe, shall be f[illegible] nished by the Contractor.

Total bids follow:

(A) Lowrie Paving Co., Inc.	$58,094
(B) Eaton & Smith	59,270
(C) M. J. Lynch	60,152
(D) Fay Imp. Co.	64,820
(E) Union Paving Co.	65,326
(F) Herman Lawson Co.	65,509
(G) Chas. L. Harney	66,881
(H) MacDonald & Kahn Co.	69,818

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 7.50	$ 2.30	$ 3.00	$ 2.11	$ 1.58	$19.00	$ 3.00	$ 8.10
(2)	1.85	1.60	1.55	1.96	2.00	1.85	2.30	2.00
(3)	1.85	1.70	1.75	2.11	1.99	4.50	2.50	2.00
(4)	1.40	1.66	1.55	1.96	1.78	1.35	2.30	2.00
(5)	2.20	1.70	1.72	2.11	1.93	4.00	2.50	3.60
(6)	1.50	1.60	1.50	1.96	1.78	1.40	2.20	2.30
(7)	3.00	1.70	1.70	2.11	1.94	5.45	2.50	2.00
(8)	4.00	8.75	2.50	2.48	1.93	3.85	2.60	5.00
(9)	15.00	60.00	15.00	45.15	69.00	27.00	60.00	36.00
(10)	15.00	45.00	15.00	50.90	36.30	36.00	35.00	40.00
(11)	15.00	36.00	20.00	45.15	33.13	25.00	25.00	38.00
(12)	10.00	45.00	25.00	50.90	39.37	18.00	40.00	39.00
(13)	.043	.03	.04	.03	.0415	.03	.039	.04
(14)	.20	.18	.20	.20	.20	.05	.18	.20
(15)	.05	.05	.05	.05	.05	.02	.05	.05
(16)	.05	.055	.05	.0575	.05	.05	.07	.05
(17)	.0825	.0825	.0825	.08	.08	.07	.04	.08
(18)	.05	.05	.05	.05	.04	.05	.05	.06
(19)	20.00	20.00	18.10	18.00	12.00	20.00	20.00	20.00
(20)	1.25	1.00	1.35	1.25	1.95	2.80	1.25	1.20
(21)	.25	.18	.25	.20	.15	.18	.18	.23
(22)	.18	.18	.30	.27	.15	.14	.18	.12
(23)	.15	.12	.14	.20	.13	.16	.15	.12
(24)	1.00	2.00	2.50	3.00	2.00	3.00	3.00	3.00
(25)	30.00	50.00	60.00	50.00	50.00	27.50	48.50	50.00
(26)	40.00	60.00	60.00	60.00	60.00	37.50	69.00	60.00
(27)	.08	.07	.10	.10	.04	.10	.12	.12

All bids referred to the City Engineer and the PWA.

IDS OPENED

OAKLAND, Cal.—Ransome Co., 4030 lollis St., Emeryville, at $16,900 sub-itted low bid to the East Bay Mu-icipal Utility District, John H. Kim-all, Secretary, under Spec. No. LS 19, for furnishing material and per-orming work for the repair of ap-roximately 45,000 sq. ft. of asphaltic reet pavement where removed for e purpose of construction, mainte-ance, etc., of the distribution sys-m during the year ending June 30, 36.

Bids were taken as follows:
) 1,000 cu. ft. asphaltic conc. base;
) 45,000 sq. ft. asphalt for surfacing;
) 1,000 sq. ft. asphalt for patching;
) 1,000 c.y. concrete, wet mix.

Total bids follow:

A) Ransome Co., Emeryville	$16,900
B) W. H. Larson, Berkeley..	17,160
) Independent Const. Co., Oakland	19,810

Unit bids were:

	(A)	(B)	(C)
).	$ 300.00	$ 300.00	$ 300.00
).	8,190.00	8,550.00	11,250.00
)	100.00	40.00	50.00
)	8,310.00	8,270.00	8,210.00

Transit Concrete Co., Rhodes and ennedy, Melrose Building Materials o., and Chas. S. Hughes submitted entical bids at $8,308 on Item No. 4 nly.

IDS WANTED

ESMERALDA COUNTY, Nevada—ntil June 26, 3:15 P. M., bids will be ceived by the Nevada State High-ay Directors, Robert A. Allen, State ighway Engineer, Heroes Memorial ldg., Carson City, for the construc-on of an asphaltic roadmix surface a portion of the State highway stem, in Esmeralda County, Route Sections D and E, from four miles est of Millers to Coaldale, a length approximately 23.2 miles.

The work involves:
) 1735.21 tons asphaltic road material, Type SC-2;
) 152.69 tons asphaltic road material Type MC-2;
) 23.2 miles roadmix;
) 23.2 miles finish roadway;
) 196 each, culvert markers.

Plans and specifications obtainable om the above office upon deposit of , of which $2.50 will be returnable; d on file at the office of the Bureau Public Roads, 807 Sheldon Bldg., 1 Market St., San Francisco.

ONTRACT AWARDED

SNOHOMISH AND SKAGIT COUN-IES, Wash.—L. J. Dowell, Inc., 1437 liott St. W., Seattle, at $78,005 sub-itted low bid and awarded contract L. V. Murrow, Director of High-ays, Olympia, June 11, for grading, aining and constructing a treated le and timber trestle on about 4.4 iles of State Road No. 1, Conway-outh, P. W. Project 7759, in Snoho-ish and Skagit Counties.

Complete bids follow:
J. Dowell, Inc., Seattle, $78,005.
eorge V. Nolte, Bellingham, $84,311.
avis Constr. Co., Mt. Vernon, $84,-314.
ilder & Montfort, Blaine, $84,851.
Florito, Seattle, $85,198.
orthwest Constr. Co., Seattle, $85,-360.
liott & Co., Inc., Seattle, $89,539.
lex Besoloff Co., Seattle, $90,899.
olonial Construction Co., Spokane, $94,656.
angus Espeland, Seattle, $95,228.
eme Construction Co., Seattle, $98,-050.
Thos. Scalzo, Seattle, $98,948.
C. Sisson, Bellingham, $109,937.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 11, 10 A. M., bids will be received by the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for grading and placing selected material subgrade reinforcement on 3.906 mi. of Section C of Route 3, the Flagstaff - Clints Well National Forest Highway, Coconino National Forest, Coconino County, Ariz.

The work involves:
(1) 17 acres clearing;
(2) 36,700 c.y. unclass. excav.;
(3) 351 c.y. do for structures;
(4) 27,000 c.y. do for borrow;
(5) 25,000 sta. yds. overhaul;
(6) 8,300 c.y. mi. borrow haul;
(7) 9,400 c.y. subgrade reinf.;
(8) 134 c.y. Class A concrete;
(9) 14,400 lbs. reinf. steel;
(10) 104 c.y. cement rubble masonry;
(11) 860 l.f. CMP in place;
(12) 12,000 l.f. Type 1 protection ditch
(13) 5,300 l.f. remove and reset fence
(14) 3,420 l.f. fence;
(15) 15 ea. right of way monuments.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, and 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $38,207.50 was awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,798, for changing the alignment of Sloat Blvd. between 39th and 42nd Avenues.

CONTRACT AWARDED

LINCOLN, SPOKANE & GRANT COUNTIES, Wash.—F. R. Hewitt, 420 W. 22nd St., Spokane, at $101,545 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 11, for constructing Washington Public Works Project consisting of producing mineral aggregates (oil rock) and a non-skid seal treatment on about 10.3 miles of State Road No. 2, Creston to Telford and Hawk Creek to Telford, Section 1, in Lincoln County; constructing a light bituminous surface treatment on about 8.5 miles of State Road No. 22, Davenport to Inkster Lake, Section 2, in Lincoln County; constructing a non-skid seal treatment on about 9.2 miles of State Road No. 7, Odessa to Lamona, Section 3, in Lincoln County; producing mineral aggregates (oil rock) and constructing a light bituminous surface treatment on about 4.1 miles and non-skid treatment on about 6.8 mi. of State Road No. 11, Fishtrap West and Fishtrap to Tyler, Section 4, in Lincoln and Spokane Counties; constructing a non-skid seal treatment on about 27.4 miles of the Grand Coulee Highway, Coulee City to Grand Coulee Dam, Section 5, in Grant Co.

Total bids follow:

F. R. Hewett, Spokane, $101,545.

Standard Asphalt Paving Co., Spokane, $109,582.

N. O. Dail and Warren Bros., Aberdeen, $110,778.

SAN FRANCISCO—LAKE STREET WIDENING—(CITY)

SAN FRANCISCO—E. J. Treacy, 309 Call Bldg., San Francisco, at $7146.80 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,861 for widening the roadway on Lake St., between Arguello Blvd. and Sixth Ave.

The work involves:
(1) 2822 l.f. granite curb, redressed and reset;
(2) 122 l.f. armored concrete curb;
(3) 10 catchbasins, complete;
(4) 4 catchbasins, complete (existing gratings to be used);
(5) 14 concrete curb inlets;
(6) 7 street signs relocated;
(7) 800 sq. ft. remove existing asphalt-concrete pave., consisting of a 6-in. concrete base and an asphaltic concrete wearing surface, where directed;
(8) 66 tons remove and replace asphaltic concrete wearing surface where directed;
(9) 220 sq. ft. 6-in. Class E concrete base;
(10) 8810 sq. ft. 8-in. Class E concrete pavement;
(11) 10 tons asphaltic concrete conform pavement;
(12) 8040 sq. ft. 1-course concrete sidewalk;
(13) 300 sq. ft. brick sidewalk, consisting of a 3½-in. Class E concrete base and a brick wearing surface set in cement mortar;
(14) 20 Type No. 1 galvanized sheet iron pedestrian cross walk markers in place;
(15) 110 cross walk markers removed and reset;
(16) 500 sq. ft. lawn removed and replanted;
(17) 14 sycamore trees, relocated;
(18) 2 olive trees, relocated;
(19) 1 acacia tree replaced;
(20) 4 palm trees, relocated;

Total bids follow:
(A) E. J. Treacy, $7146.80.
(B) M. J. Lynch, $7153.60.
(C) Chas. L. Harney, $7214.80.
(D) Fay Improvement Co., $7279.22.
(E) Theo. Cohn, $7519.00.
(F) Pacific Pavements Co., Ltd., $7,-905.80.
(G) U. Peira & Son, $9187.20.

All bidders of San Francisco.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .60	$ .40	$ .40	$ .40	$ .40	$ .40	$ .80
(2)	1.00	1.00	.65	.72	1.00	.75	1.00
(3)	70.00	90.00	80.00	76.00	74.00	80.00	80.00
(4)	50.00	60.00	60.00	65.00	58.50	65.00	70.00
(5)	10.00	7.00	6.00	11.00	7.50	15.00	10.00
(6)	5.00	2.00	6.00	5.50	5.00	7.50	5.00
(7)	.07	.08	.05	.10	.10	.12	.10
(8)	6.00	10.00	8.00	8.00	7.00	6.00	5.00
(9)	.25	.25	.14	.28	.30	.28	.25
(10)	.30	.28	.28	.2775	.32	.33	.36
(11)	5.50	10.00	7.00	7.00	5.00	6.00	6.00
(12)	.12	.11	.16	.14	.12	.14	.15
(13)	.40	.20	.19	.297	.40	.60	.50
(14)	.20	.20	.30	.20	.30	.25	.20
(15)	.10	.06	.12	.10	.20	.15	.10
(16)	.05	.05	.10	.16	.20	.20	.06
(17)	10.00	15.00	12.50	18.00	20.00	15.00	20.00
(18)	10.00	15.00	12.50	30.00	25.00	50.00	25.00
(19)	10.00	25.00	12.50	4.00	30.00	25.00	25.00
(20)	10.00	15.00	20.00	10.00	26.00	20.00	25.00

All bids referred to the City Engineer.

NEW BIDS ASKED

COCONINO COUNTY, Ariz.—Until July 1, 10 A. M., new bids will be received by Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, for placing bituminous treated crushed rock surfacing on Sections A1 and A2 of Route 1, all of Route 2, and one headquarters service roads in Grand Canyon National Park, Coconino County, a length of 14.605 miles.

The work involves:

(1) 600 tons crushed rock for shoulders;
(2) 75 tons supplemental crush. rock for shoulders;
(3) 17,250 tons bituminous treated crushed rock;
(5) 150 tons applying Govt. furnished asph. material for prime coat and seal coat;
(6) 1,370 tons screenings for seal coat;
(7) 175 M. gals. watering.

Plans and specifications obtainable from the Bureau of Public Roads, 802 Title & Trust Bldg., Phoenix, and 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.00.

Bids on this contract were previously opened June 6, and subsequently rejected. J. A. Casson, Phoenix, submitted the low bid at $133,-775. Engineer's estimate. $81,660.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland City Council, June 13, forf the improvement of portions of Snake Rd. and Skyline Blvd., involving:

Proposal "A"—20,730 sq. yds. penetration macadam surfacing, including preparation of subgrade.

Proposal "B"—20,730 sq. yds. emulsified stabilized crusher run quarry base with surface treatment of screenings and emulsified road oil, including preparation of subgrade.

W. H. Larson, Berkeley, (A) $0.439; (B) No bid.

Heafey - Moore Co., Oakland, (A) $0.44; (B) $0.66.

Lee J. Immel, Berkeley, (A) $0.56; (B) No bid.

Bids held under advisement.

COMPLETE BID LISTING

GRAHAM COUNTY, Arizona.—Ken Hodgman, 714 Plymouth Road, Pasadena, Cal., at $54,118.71, as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, June 11, for highway construction on the Safford-Bowie Junction Highway NRS 115-A (1935) AFE 8103. The work, which extends from Safford south for a distance of 6 1/5 miles, consists of grading and draining the roadway, and furnishing and placing aggregate base course.

The work involves:

(1) 26,469 c.y. drwy. excav., unclass
(2) 1936 c.y. drainage do;
(3) 822 c.y. structural do;
(4) 1,000 c.y. hororw do;
(5) 8581 sta. yds. earthwork overhaul
(6) 7870 c.y. mi. earthwork haul;
(7) 27,065 c.y. imported borrow, CIP
(8) 622 c.y. select material)CIP);
(9) 11,145 c.y. agg. base course, CIP
(10) 154 c.y. Class A concrete (including cement);
(11) 12,710 lbs. reinf. steel bars (CIP)
(12) 316 l.f. 18-in. bit. coated CM pipe, CIP (inc. bands);
(13) 80 l.f. 24-in. do;
(14) 132 l.f. 30-in. do;
(15) 196 l.f. 36-in. do;
(16) 50 l.f. reset 18-in. CM pipe (CIP)
((17) 305 l.f. reset 24-in. do;
(18) 28 l.f. reset 30-in. do;
(19) 259 l.f. plain riprap (CIP);
(20) 19,675 l.f. standard line fence CIP
(21) 6 each 13-ft. standard line fence gates (CIP);
(22) 7 each 18-ft. do;
(23) 6000 l.f. grader ditches;
(24) 60 0l.f. grading and constructing fords to section;
(25) 39 MBM treated timber (CIP);
(26) 2 MBM untreated timber (CIP);
(27) 23 ea. treated timber foot bridges (CIP);
(28) 1460 l.f. treated timber piles CIP
(29) 125 l.f. do cutoff;
(30) 38 each right of way posts (CIP)
(31) 88 each guide posts (CIP);
(32) 175 M. gals. sprinkling (CIP);
(33) 175 hours rolling;
(34) 322 sq. yds. furnishing and placing oil-mix (for bridge floor) CIP;
(35) 71 sq. yds. do (for bridge sidewalk);
(36) 997 gals. road oil (CIP); for road mix and seal coat;
(37) 15,600 l.f. gravel walk (CIP);
(38) 1 each water barrel (CIP);

The total bids were:

(A) Ken Hodgman, Pasadena, $54,-118.71.
(B) All-Arizona Engr. & Const. Co., Clifton, Ariz., $60,915.39.
(C) Geo. W. Orr, Globe, Ariz., $65,-000.57.
(D) White & Miller, Tucson, Ariz. $68,078.58.
(E) O. F. Fisher Co., Phoenix, $65,-842.12.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ .33	$ .35	$ .50	$ .40	$ .45
(2)..	.30	.40	.40	.40	1.00
(3)..	1.00	1.00	1.00	1.00	1.50
(4)..	.30	.30	.25	.40	.30
(5)..	.01	.04	.03	.03	.03
(6)..	.10	.30	.20	.35	.35
(7)..	.44	.40	.50	.60	.48
(8)..	.45	.80	1.00	.75	.73
(9)..	.63	.88	.80	1.00	1.13
(10)..	23.00	23.00	22.00	25.00	25.00
(11)..	.06	.065	.06	.06	.07
(12)..	2.25	2.80	2.25	2.50	2.25
(13)..	3.25	3.80	2.75	3.00	3.50
(14)..	4.25	5.60	3.75	4.00	4.00
(15)	6.00	7.60	6.00	6.00	6.00
(16)..	1.00	1.50	1.00	1.00	2.25
(17)	1.50	2.00	1.25	1.25	3.50
(18)..	2.00	2.00	1.25	1.50	4.00
(19)..	2.50	4.00	4.00	3.00	3.50
(20)..	.07	.07	.08	.09	.10
(21)..	20.00	10.00	15.00	5.00	14.00
(22)..	25.00	10.00	20.00	10.00	15.00
(23)..	.05	.04	.03	.05	.05
(24)..	4.00	3.50	4.50	5.00	5.50
(25)..	137.50	120.00	115.00	125.00	140.00
(26)..	137.50	100.00	100.00	100.00	165.00
(27)..	10.00	8.00	12.00	10.00	20.00
(28)..	1.28	1.60	1.25	1.60	1.50
(29)..	.96	1.20	.9375	1.20	1.125
(30)..	2.00	2.00	3.00	3.00	5.00
(31)..	3.00	2.50	2.00	2.00	3.50
(32)..	3.00	2.50	3.00	2.50	3.50
(33)..	4.00	4.00	3.50	3.00	3.50
(34)..	.50	.50	.50	.50	2.00
(35)..	.18	.50	.50	.50	1.00
(36)..	.15	.20	.10	.15	.10
(37)..	.08	.20	.22	.10	.25
(38)..	10.00	10.00	20.00	15.00	3.00

BIDS WANTED

STATE OF WASHINGTON—Until July 2, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Yakima County—Grading and surfacing with crushed stone about 15.7 miles of State Road No. 5, Tieton Canal Intake to Naches River, Public Works Project No. 7574, in Yakima County, involving about 7280 cubic yards of excavation, 14,040 cubic yards of shoulder material and ballast, 42,430 cubic yards of crushed stone surfacing and other items.

Lewis County—Constructing Washington Public Works Project on State Road No. 5, consisting of producing mineral aggregates and constructing a Light Bituminous Surface Treatment on about 2.9 miles, Mayfield to Klickitat Creek, Section 1; producing mineral aggregates and constructing a Bituminous Retread Surface on about 3.5 miles, Morton to West Fork, Section 2; surfacing, producing mineral aggregates and constructing a Light Bituminous Surface Treatment on about 29.8 miles, Kosmos to Packwood, in Lewis County.

Klickitat County — Constructing Washington Public Works Project on State Road No.3, consisting of producing mineral aggregates and constructing a Bituminous Retread Surface on about 4.1 miles, Centerville Junction to Goldendale, Section 1; producing mineral aggregates and constructing a Bituminous Retread Surface on about 19.5 miles, Goldendale to Satus Creek, Section 2, in Klickitat County.

Lewis and Pacific Counties — Constructing Washington Public Works Project on State Road No. 12, consisting of grading and surfacing on about 0.5 miles, McCormick Vicinity, Section 1; Producing mineral aggregates and constructing Bituminous Macadam Class "D" Penetration Type on about 7.4 miles, Beam Road to Pluvius, Section 2; producing mineral aggregates and constructing a Light Bituminous Surface Treatment on about 4.9 miles, Pluvius to Frances, Section 3; surfacing, producing mineral aggregates and constructing Bituminous Macadam Class "D" Penetration Type on about 13.8 miles, France to Cramers Crossing, Section 4, in Lewis and Pacific Counties.

Mason, Kitsap and Jefferson Counties:—Constructing Washington Public Works Project, consisting of constructing a Non-Skid Seal Treatment on about 4.3 miles of State Road No. 21, Bremerton to Chico Creek, Section 1; constructing a Bituminous Retread Surface on about 12.7 miles of State Road No. 21, Keyport Junction to Port Gamble, Section 2; constructing a Bituminous Retread Surface on about 3.3 miles of State Road No. 14, Tidewater Creek to Port Orchard, Section No. 3; constructing a Non-Skid Seal Treatment on about 3.8 mi. of State Road No. 9, Duckabush North, Section 4; constructing a Light Bituminous Surface Treatment on about 8.6 miles of State Road No. 14, Public Works Project No. 5915, Unit 2, Tidewater Creek to Union River. Section 5, in Mason, Kitsap and Jefferson Counties.

King and Snohomish Counties—Constructing Washington Public Works Project on State Road No. 15, consisting of producing Mineral Aggregates and constructing Light Bituminous Surface Treatment on about 5.6 miles, Money Creek to Halford, Section 1; on about 7.0 miles Index to Goldbar Section 2; on about 0.6 miles Sultan Hill, Section 3; in King and Snohomish Counties.

Plans and specifications obtainable from the above office upon deposit of $2 per sent.

BIDS WANTED

SAN FRANCISCO.—Until July 3rd, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,-851, for the improvement of Houston Street bet. Jones St .and Columbus Ave. Estimated cost, $3,115.

The work involves:

(1) 4,008 sq. ft. 6-in. Class E concrete pavement;
(2) 478 l.f. armored concrete curb;
(3) 2,611 sq. ft. 1-course conc. sidewalk;
(4) 35 l.f. 10-in. Type C conc. coping;
(5) 12 c.y. Class B 2500 lb. concrete in stairway;
(6) 12 c.y. Class D 1800 lb. concrete in walls;
(7) 766 lbs. bar reinforcing steel;

8) 78 l.f. 3-pipe rail fence with concrete posts;
9) 35 l.f. wood fence;
0) 1 brick manhole, complete;
1) 2 each taper tube lighting standards;
2) 90 l.f. 1½-in. black conduit NEC standard;
3) 300 l.f. No. 8 solid single conductor, 600 VR and LC wire, NEC standard;
4) 2 each concrete bases for lighting standards, complete.

Plans and specifications obtainable on City Engineer John J. Casey, oom 351, City Hall, upon cash deosit of $10.

ID CALL CANCELLED.

SAN MATEO COUNTY, Cal.—The tate Highway Commission, Sacraento, has cancelled a call for bids, have been opened July 3, 2 P. M., r 3.6 miles grading, surfacing with rusher run base, and applying biminous surface treatment in San lateo County between Edgemar and hornton.

0—RESERVOIRS & DAMS

IDS WANTED

BONNEVILLE, Ore.—Until July 10, P. M., bids will be received by the S. Engineer Office, Second Portnd District, Major C. F .Williams, istrict Engineer, 627 Pittock Block, ortland, under Bid No. 694-35-52, for onstruction and installation of upper nd lower miter gates, four Tainter alves, four complete machines for perating miter gates, four complete achines for operating Tainter valves x floating mooring bitts, floor plates nd grating for the navigation lock t Bonneville Dam.

Bids will be taken as follows:
1) 1,550,000 lbs. struc. carbon steel;
2) 1,410,000 lbs. struc. silicon steel;
3) 16,600 lbs. chrome-nickel steel;
4) 600 lbs. machine steel;
5) 520 lbs. cold rolled steel;
6) 180 lbs. key steel;
7) 500 lbs. tool steel;
8) 700 lbs. spring steel;
9) 14,000 lbs. bolt steel;
10) 500 lbs. corrosion-resisting steel;
11) 7,000 lbs. rail steel;
12) 122,000 lbs. carbon steel forgings;
13) 15,000 lbs. nickel steel forgings;
14) 482,000 lbs. carbon steel castings
15) 500 lbs. nickel steel castings;
16) 16,600 lbs. iron castings;
17) 100 lbs. brass castings;
18) 10,000 lbs. bronze castings;
19) 1,600 lbs. phosphor bronze;
20) 1,000 lbs. Tobin bronze;
21) 2,800 lbs. babbitt metal;
22) 9,000 lbs. steel pipe;
23) 1,000 lbs. brass pipe;
24) 800 lbs. copper plate and wire;
25) 56,000 lbs. floor plates;
26) 17,000 lbs. floor grating;
27) 250 lbs. steel wire cable;
28) 2,600 lbs. roller chain;
29) 600 lbs. miscellaneous metal;
30) 200 lbs. misc. non-metal;
31) 5 lbs. lubricating fittings;
32) 1 job lubrication equipment;
33) 2,100 lbs. rubber seals;
34) 20 FMBM oak timber;
35) 1 job miter gate pumping equipment complete;
36) 1 job gear reducers complete, miter gate machines;
37) 1 job gear reducers complete, Tainter valve machines;
38) 1 job electrical equipment complete, miter gates;
39) 1 job do for Tainter valves;
40) 6 each floating mooring bitts, assembled complete.

Bids will be taken under two alternates as follows:

Alternate "A": Bidders shall quote prices for performing the work, etc., as specified, except that the Government will pay the cost of transporting equipment and materials which are to be made a part of the completed units from bidder's shipping points to Bonneville, Oregon;

Alternate "B": Bidders shall quote prices for performing the work, etc., as specified, with the understanding that all transportation charges from the factory shipping points to Bonneville are included in said prices and will be paid by the bidder.

Plans and specifications obtainable from the above office upon deposit of U. S. money order or certified check for $5, payable to "The Disbursing Officer, U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland."

BID OPENING POSTPONED

LOS ANGELES, Cal.—Until June 24 2 P. M., (date postponed from 10 A. M., June 19) as previously reported, bids will be received by the Los Angeles county board of supervisors, 501 Hall of Records, Los Angeles, for the construction of a debris basin and appurtenant structures in Pickens Canyon, near Montrose, involving:
(1) 22,000 c.y. Class A excavation;
(2) 6200 c.y. Class B excavation;
(3) 780 c.y. Class C excavation;
(4) 665 c.y. compacted fill by alternate methods as follows:
(a) by rolling;
(b) by dyking and flooding;
(5) 875 c.y. Class A backfill;
(6) 100 c.y. Class B backfill;
(7) 25 c.y. remove existing concrete;
(8) 600 c.y. Class A concrete;
(9) 1300 c.y. Class B concrete;
(10) 13,000 sq. ft. pneumatically placed concrete;
(11) 400 lbs. placing misc. metalware;
(12) 25 l.f. drilling dowel holes;
(13) 100 l.f. placing tile drains.

Plans and specifications obtainable from C. H. Howell, Chief Engineer, Los Angeles Flood Control District, 205 South Broadway, upon payment of $2.50 per set, not returnable.

Mame B. Beatty Clerk of the Board. Certified check or bond for 10 percent must accompany each bid.

CONTEMPLATED

SAN BERNARDINO, Cal.—The San Bernardino Valley Water Conservation District has applied to the state division of water resources for a permit to appropriate water in the Santa Ana River as a part of a general flood control plan involving the construction of concrete or rubble masonry dam at Filirea below Seven Oaks to cost between $900,000 and $1,000,000. The proposed dam will be 450 ft. in length at the top and will create a storage reservoir of 6000 acre-feet. E. D. Petterson is president of the district.

BIDS OPENED

MODOC COUNTY, Cal.—J. P. Brennan, Redding, at $88,192 on Section A (Dam) $10,715 on Section B (Ditch) total $98,907, submitted low bid to the South Fork Irrigation District, Alturas, S. A. Mushen, District Engineer, for the construction of (a) Reservoir Embankment for West Valley Reservoir, and (b) Diversion Dam and Supply Ditch for West Valley Reservoir. The work includes construction of a rolled earth-fill dam 65-ft. high across West Valley Creek in Modoc County, and excavating a two-mile supply ditch.

Bids were taken as follows:

Section "A"—Dam.
(1) 2,100 c.y. stripping;
(2) 6,200 c.y. excavation cutoff;
(3) 25,900 c.y. spillway excavation;
(4) 6,000 c.y. do wasted;
(5) 16,800 cy. clay material;
(6) 983 c.y. outlet excavation;
(7) 2,800 sq. yds. rock riprap;
(8) 63,000 lbs. steel outlet pipe;
(9) 385 c.y. plain conc. pipe jacket;
(10) 141 c.y. reinforced concrete;
(11) 2 36x60-in. sluice gates;
(12) 2,450 lbs. steel trashrack;
(13) 3.4 MFBM timber;
(14) 98 ft. air vent pipe;
(15) 800 c.y. reinf. concrete;

Section "B"—Ditch:
(16) 50 c.y. excava. (diversion dam);
(17) 12 c.y. concrete (do);
(18) 200 c.y. excavation (headgates);
(19) 66 c.y. reinf. conc. (do);
(20) 2 30-in. slide gates;
(21) 1 12-in. slide gate;
(22) 16 ft. 12-in. corrugated pipe;
(23) 0.174 M F B M Oregon pine gate protection;
(24) 2 metal trash screens;
(25) 21,000 c.y. ditch excavation.

Total bids follow:
(A) J. P. Brennan, Redding: Section A, $88,192; Section B, $10,715; total $98,907.
(B) A. Teichert & Sons, Inc., Sacramento: Section A, $108,130; Section B, $22,981; total $131.111.
(C) Hanrahan-Wilcox Corp.: Section A only, $143,698.

Unit bids follow:

	(A)	(B)	(C)
SECTION "A"			
(1)	$ 2.00	$ 1.00	$ 4.00
(2)	1.25	1.30	3.00
(3)	.75	.95	1.25
(4)	.60	.95	1.25
(5)	.57	.95	1.25
(6)	3.50	4.00	4.00
(7)	.35	1.50	2.50
(8)	.07	.10	.14
(9)	20.00	20.00	20.00
(10)	27.00	30.00	34.00
(11)	1700.00	1400.00	1800.00
(12)	.11	.12	.12
(13)	70.00	60.00	70.00
(14)	2.00	2.50	2.50
(15)	24.00	27.25	24.00
SECTION "B"			
(16)	2.00	6.00	.....
(17)	25.00	32.00	.....
(18)	3.50	3.80	.....
(19)	28.00	35.00	.....
(20)	100.00	80.00	.....
(21)	40.00	25.00	.....
(22)	2.50	2.00	.....
(23)	10.00	60.00	.....
(24)	60.00	50.00	.....
(25)	.35	.90	.....

All bids referred to the PWA.

Fred C. Hermann, Consulting Engineer, 1104 Merchants' Exchange Bldg., San Francisco.

33— WATER WORKS

BIDS WANTED

WESTWOOD, Lassen Co., Cal. — Until July 1, bids will be received by T. R. Wills, Red River Lumber Co., Westwood, for labor only, for installing lining in Hydro flume, 16,800 ft. long, 8-ft. wide; height of lining is 3 ft., to be of 4/4 lumber. Corner strips and bottom now installed must be removed before lining is installed.

Bids may be made for entire job or for portion of it. If bidding on entire job sufficient crew must be used to complete job in 30 working days; work to commence July 15.

Further information obtainable from Bud Morrison, Red River Lumber Co., Westwood.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANS APPROVED

SAN FRANCISCO.—Clifton E. Hickok, Northern California District Engineer of PWA, has approved plans and specifications for the installation of the Sunset District Extension to the Auxiliary Water Supply System for Fire Protection.

Bids will be asked shortly by the Department of Public Works.

CONTRACT AWARDED

LOS ANGELES, Cal.—Merritt-Chapman & Scott Corp., 720 Wilming-

son and Eastern Aves., Los Angeles, awarded contract by the Los Angeles board of public works, City Hall, June 17, at prices shown below, for the construction of work trestle extension over north outfall sewer, Section No. 1, ocean outfall at Hyperion sewage treatment plant (cash contract). The schedule of prices was as follows:

(1a) Construction of 480 l.l. of creosoted wooden pile bent trestle with all required appurtenances complete in accordance with Plan No. D-3831, lump sum, $9,999.00.

(1b Per 2-pile bent for bents No. 99 and No. 100, including bracing, rails, superstructure and appurtenances complete:

(a) 8-ft. span, $275.00;
(b) 16-ft. span, $300.00.

The bids were opened June 12.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., at $952 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,864, for the extension of the Blanken Street sewer from Gillette Ave. southesterly to existing box sewer.

BIDS OPENED

LOS ANGELES, Cal. — Hoagland Engineering and Construction Co., First National Bank Bldg., Long Beach, at $31,576 (Schedule I) submitted the low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, June 10, for constructing a concrete lined channel on Verdugo Wash from the debris dam, approximately 1700 feet southerly:

The bids were taken as follows:

SCHEDULE NO. I

(1) 6000 cu. yds. fill;
(1a) 4800 cu. yds. compacted fill;
(2) 2375 cu. yds. reinforced concrete;
(3) 150 cu. yds. crushed rock drains;
(4) 1425 lin. ft. placing tile drains;
(5) 100 lbs. placing miscellaneous metal ware;
(6) 100 lin. ft. drilling dowel holes.

SCHEDULE NO. II

(1) 6000 cu. yds. fill;
(1a) 4800 cu. yds. compacted fill;
(2) 1730 cu. yds. reinforced concrete;
(3) 150 cu. yds. crushed rock drains;
(4) 1425 lin. ft. placing tile drains;
(5) 100 lbs. placing miscellaneous metal ware;
(6) 100 lin. ft. drilling dowel holes;
(7) 645 cu. yds. pneumatically placed concrete.

The total bids were:

(A) Hoagland Engrg. & Constr. Co., Schedule No. 1, $31,576; Sched. No. 11, $33,314.50.
(B) Griffith Co. (no bids under Schedule No. II); total Schedule No. 1, $32,583.25.
(C) Contracting Engineers, Inc. — Schedule No. 1, $32,935; Schedule No. II, $31,645.

The unit bids were:

SCHEDULE NO. I

	(A)	(B)	(C)
(1)	$ .60	$ .60	$ .70
(1a)	.42	1.00	.80
(2)	10.52	9.73	10.00
(3)	3.50	4.25	2.50
(4)	.30	.24	.40
(5)	.20	.20	1.00
(6)	50	.75	1.00

SCHEDULE NO. II

(1)	.60	...	.70
(1a)	.42	...	.80
(2)	10.20	....	10.00
(3)	3.50	....	2.50
(4)	.30	....	.40
(5)	.20	...	1.00
(6)	.50	....	1.00
(7)	14.00	..	8.00

BIDS REJECTED

LOS ANGELES, Cal.—All bids received by the Los Angeles County Board of Supervisors, June 10, for the construction of a concrete lined channel on Verdugo Wash from the debris dam approximately 1700 ft. southerly, have been rejected and the project will be readvertised.

Hoagland Engineering & Constr. Co. First Nat'l. Bank Bldg., Long Beach, at $31,576 (Schedule 1) submitted the low bid.

BIDS WANTED

LOS ANGELES, Cal.—Until July 2, 3:30 P. M. (as previously reported) bids will be received by County Sanitation District No. 2, 139 N. Broadway, for constructing a submerged pipe line for the ocean outfall of the Joint Outfall Sewer at White's Point in accordance with plans and specifications prepared by A. K. Warren, Chief Engineer, and General Manager. The proposed line will consist of 668 ft. of double line 60-in. pipe and 4310 ft. of single line 60-in. pipe. Alternate bids will be taken on cast iron and on reinforced concrete pipe. The project will include the construction of a cut-off wall, 21 manholes, and a diffuser structure at the ocean end. The first 2260 ft. of the line will be entirely embedded in tremie concrete below the bed of the ocean, the balance of the line to be laid on the bottom. Plans and specifications may be obtained from the office of the Chief Engineer, 139 N. Broadway, upon payment of $5 per set, not returnable. Certified check or bond for 10% must accompany each bid. A. S. Soule, secretary.

The bid schedules follow:

(1) Cut-off wall, at approx. Station 49 plus 72, complete in place, lump sum;

(2) 667 l.f. of a double line of 60-in. internal dia. cast iron pipe, including manhole openings and covers, clamps and wedges, between approx. Station 49 plus 78 and approx. Station 43 plus 11, complete in place:

(a) Class A pipe;
(b) Class B pipe.

(2a) (Alternate to Item No. 2): 667 l.f. of a double line of 60-in. internal dia. reinf. concrete pipe, including manhole openings and covers, clamps and wedges, between approx. Station 49 plus 78 and approx. Station 43 plus 11, complete in place;

(3) 1593 l.f. of single line of sixty 60-in. internal dia. cast iron pipe, inc. manhole openings and covers, clamps and wedges, between approx. Station 43 plus 11 and approx. Station 27 plus 18, complete in place:

(a) Class A pipe;
(b) Class B pipe.

(3a) (Alternate to Item No. 3): 1593 l.f. of single line of sixty 60-inch internal dia. reinr. concrete pipe, inc. manhole openings and covers, clamps and wedges, between approx. Station 43 plus 11 and approx. Station 27 plus 18, complete in place;

(4) 550 l.f. of a single line of 60-in. internal dia. cast iron pipe, including manhole openings and covers, clamps and wedges, between approx. Station 27 plus 18 and approx. Station 21 and 68, complete in place;

(4a) (Alternate to Item No. 4): 550 l.f. of a single line of 60-inch internal dia. reinf. concrete pipe, inc. manhole openings and covers, clamps and wedges, between approx. Station 27 plus 18 and a. prox. Station 21 plus 68, complete in place;

BIDS OPENED

FOLSOM, Sacramento Co., Calif.—W. S. Weyland, Walnut Creek, at $10,385 submitted low bid to the State Department of Public Works for furnishing and installing one 300-h.p. water tube boiler and equipment at the State Prison, Folsom.

Only other bid was submitted by Luppen & Hawley, Sacramento, $13,990. Bids held under advisement.

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until June 26 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Spec. No. 18,846 for installation of the Sunset District Extension to the Auxiliary Water Supply System for Fire Protection The work is located on the following streets:

(a) Parnassus St. bet. Clayton Street and 5th Ave.;
(b) Judah St. between 5th and 6th Avenues;
(c) Sixth Ave. bet. Judah and Irving Streets;
(d) Irving St. between 6th and 15th Avenues.

Estimated cost, $44,000.

The work involves:

Cast Iron Pipe and Special Casting in Place:

(1) 788 l.f. 12-in. Class G bell and spigot, plain;
(2) 147 l.f. 12-in. Clas G bell and spigot, lugged;
(3) 839 l.f. 12-in. Class F bell and spigot, plain;
(4) 140 l.f. 12-in. Class F bell and spigot, lugged;
(5) 5182 lf. 12-in. Clas E bell and spigot, plain;
(6) 950 l.f. 12-in. Class E bell and spigot, lugged;
(7) 211 l.f. 8-in. Class G bell and spigot, lugged;
(8) 14 10-in. gate valves, in place;
(9) 24 8-in. do;
(10) 24 stand. hp. hydrants, in place

NOTE; Items 1 to 10, inclusive Cast Iron Pipe, Valves, Hydrants, and special castings, will be furnished by the City.

(11) 48,000 lbs. pig lead, furnished and delivered;
(12) 3,337 lbs. cast steel special castings, furnished and delivered;
(13) 53,000 lbs. cast iron special castings, furnished and delivered;
(14) 15,000 lbs. manhole and valve box cost iron frames, covers and dust pans, furnished and placed;
(15) 21,100 lbs. wronght iron bolts nuts and washers, furnished & placed;
(16) 15½ cy. Clas B concrete in place
(17) 450 lbs. reinforcing steel, furnished and placed;
(18) 4,600 c.y. excavation and back fill;
(19) 22,000 sq. ft. asphalt - concrete pavement (2-in.-6-in.) Class I concrete;
(20) 500 sq. ft. do wearing surface (2 inch);
(21) 216 sq. ft. concrete sidewalk (one course);
(22) 12 c.y. crushed rock. furnished & placed;
(23) 21 tons bell and spigot pipe or double spigot pipe, without lugs in Classes C and H inc. and in nominal dia. of 8- to 18-in. inc.
(24) 5 tons bell and spigot pipe or bolting lugs. In Classes C to H inc., and in nominal dia. of 8- to 18-in., inc.

NOTE: Items 11 to 24, inclusive all materials, including Pipe, shall be furnished by the Contractor

Plans and specifications obtainable from City Engineer John J. Casey, Room 315, City Hall, upon cash deposit of $10.00.

BIDS WANTED

SAN FRANCISCO.—Until July 3rd 2:30 P. M., bids will be received by the Department of Public Works, Rm 251, City Hall, under Spec. No. 18,845, for installing Section B of the Park - Presidio District Extension to the Auxiliary Water Supply System for Fire Protection. Estimated cost $56,000.

Work will be located on the following streets:

Cabrillo bet. 12th Ave. and Arguello Blvd.

Arguello Blvd. bet. Cabrillo and Turk Street.

Turk St. bet. Arguello Blvd. and Parker Ave.

Parker Ave. bet. Turk and Fulton.

Shrader St. bet. Fulton and Grove.

Grove St. bet. Shrader and Clayton.

Clayton St. bet. Grove and Oak Sts.

The work involves:

Cast Iron Pipe and Special Castings in Place

(1) 1091 l.f. 14-in. Class F bell and spigot, plain;
(2) 288 l.f. 14-in. Class F bell and spigot, lugged;
(3) 1626 l.f. 14-in. Class E bell and spigot, plain;
(4) 420 lf. 14-in. Class E bell and spigot, lugged;
(5) 3938 l.f. 12-in. Class F bell and spigot, plain;
(6) 720 l.f. 12-in. Class F bell and spigot, lugged;
(7) 829 l.f. 12-in. Class F bell and spigot, plain;
(8) 96 l.in. ft. 12 in. Class E bell and spigot, lugged;
(9) 330 l.f. 8-in. Class G bell and spigot, lugged;
(10) 1 16-in. gate valve, in place;
(11) 8 12-in. do;
(12) 11 10-in. do;
(13) 26 8-in. do;
place;

Note: Items 1 to 11, inclusive, Cast Iron Pipe, Valves, Hydrants and Special Castings, will be furnished by the City.

(15) 54,000 lbs. pig lead, furnished & delivered;
(16) 10,000 lbs. cast steel special castings, furnished and delivered;
(17) 80.00 lbs. cast iron special castings, furnished and delivered;
(18) 18,000 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
(19) 25,000 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(20) 2600 lbs. reinforcing steel, furnished and placed;
(21) 50 c.y. Class B concrete, in place
(22) 5800 c.y. excavation and backfill,
(23) 28,000 sq. ft. asphalt concrete pavement (2-in.x6-in.) Class F concrete;
(24) 300 sq. ft. asphalt-concrete wearing surface, 2-in. thick;
(25) 400 sq. ft. concrete sidewalk (1 course);
(26) 12 c.y. crushed rock, furnished & placed;
(27) 27 tons bell and spigot pipe or double pipe, without lugs. In Classes C to H inclusive, and in nominal dia. of 8- to 18-in. inc.;
(28) 5 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In Classes C to H inc. and in nominal dia. of 8- to 18-in. inclusive.

Note: Items 15 to 28, inclusive; all materials, including Pipe shall be furnished by the Contractor.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

SAN MATEO — SEWER SYSTEM — (CITY)

SAN MATEO, San Mateo Co., Cal.—As previously reported, W. J. Tobin, 3701 Balfour Ave., Oakland, at $67,772.15 (cast iron pipe alternate) for construction of Unit 1, the outfall sewer system; and H. A. Teget, 133 Princeton St., Ontario, at $65,550 on Unit 2, Disposal plant with sludge beds, submitted low bids to the San Mateo City Council for the construction of the municipal sewage disposal plant and treatment works to serve San Mateo and the south portion of Hillsborough.

Bids were taken as follows:

Unit 1—Outfall Sewer System

(a) 124 l.f. 12-in. vitrified clay pipe;
(b) 1,158 l.f. 21-in. do;
(c) 6,980 l.f. 24-in. do;
(d) 2,753 l.f. 27-in. do;
(e) 776 l.f. 36-in. do;
(f) 80 c.y. Class C concrete;
(g) 24 each, concrete manholes;
(h) 1 control manhole;
(j) 2730 l.f. 20-in. cast iron pipe;
(k) 680 l.f. 24-in. wood stave pipe;

Total, Unit 1;

(l) 2730 20-in. wood stave pipe (Alt.)

Unit 2—Disposal Plant with Sludge Beds

Unit 2 (Alt.)—Disposal Plant Without Sludge Beds

(a) Timber pile over 40-ft., per ft.

The bidders were:

(A) H. A. Teget, Ontario.
(B) W. J. Tobin, Oakland.
(C) Gogo & Rados, Los Angeles.
(D) Oakland Sewer Constr. Co., Oakland.
(E) Fredrickson & Watson Constr. Co., Oakland.
(F) Fred J. Early, Jr., San Francisco.
(G) MacDonald & Kahn Co., Ltd., San Francisco.
(H) Barrett & Hilp, San Francisco.
(I) Chas. L. Harney, San Francisco.
(J) Eaton & Smith, San Francisco.

Total bids follow:

	(1)	(2)	(2-Alt.)
(A)	$	$65,550.00	$62,950.00
(B)	67,772.15	78,770.55	73,970.55
(C)	71,758.00	.....	.....
(D)	74,069.76	.....	.....
(E)	75,750.11	90,622.20	86,622.80
(F)	.....	83,970.00	80,970.00
(G)	84,971.60	84,616.00	80,786.00
(H)	.....	85,667.00	83,000.00
(I)	93,028.30	86,750.00	83,880.00
(J)	125,886.13	.....	.....

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(a)	$	$ 1.94	$ 2.20	$ 2.00	$ 2.10	$	$ 6.25	$	$ 1.50	$ 10.62
(b)	.....	3.30	3.30	4.00	3.12	.....	3.60	.....	4.10	5.45
(c)	.....	3.85	3.80	4.30	4.00	.....	4.41	.....	5.25	7.89
(d)	.....	5.03	6.00	5.20	5.55	.....	6.00	.....	7.50	8.91
(e)	.....	7.40	8.30	8.66	8.85	.....	10.00	.....	10.50	14.62
(f)	.....	8.00	8.00	8.00	8.00	.....	8.00	.....	8.00	8.00
(g)	.....	100.00	90.00	150.00	90.00	.....	170.00	.....	122.00	137.00
(h)	.....	300.00	580.00	600.00	515.00	.....	740.00	.....	600.00	1,610.00
(j)	.....	4.00	4.50	4.00	5.80	.....	6.00	.....	5.80	6.80
(k)	.....	4.04	3.70	3.50	3.90	.....	4.60	.....	3.90	4.72
Total, Unit 1	.....	67,772.15	71758.00	74,069.76	75,750.11	.....	84,971.60	.....	93,028.30	125,886.13
(l) (Alternate)	.....	3.10	2.97	3.00	3.45	.....	4.20	.....	3.50	4.45
Unit 2	65,550.00	78,770.55	.....	.....	90,622.20	$3,970.00	84,616.00	85,667.00	86,750.00	.....
Unit 2 (Alt.)	62,950.00	73,970.55	.....	.....	$6,622.80	80,970.00	80,786.00	83,000.00	83,880.00	.....
(a)	1.25	1.00	.....	.....	.90	2.00	1.60	1.50	1.00	.....

The three low bids on each unit were held under advisement and referred to the PWA.

MEDFORD, OREGON — SEWAGE PLANT, ETC. — (CITY)

MEDFORD, Oregon—Following is a complete tabulation of the bids received by the Medford City Council, June 12, for the construction of a sewage treatment plant and appurtenances:

The bidders were:

(1) R. I. Stuart & Sons, Medford.
(2) Hoffman Constr. Co., Portland.
(3) Fred J. Early Jr., San Francisco.
(4) Warren Northwest, Inc., Portland.
(5) Parker-Schram Co., Portland.
(6) Dunn & Baker, Klamath Falls.
(7) Engineer's Estimate.
(1a) Including movable cover, higher electrical alternate and all structures.
(2a) Omitting movable cover and including lower electrical and other alternates and fixed cover.
(3a) Omitting movable cover, contact tank and two sludge beds and including lower elternates and fixed cover.

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
(1a)	ab	$102,993.75	$106,053.85	$112,864.79	$113,590.91	$123,432.15	$120,377.75	$103,260.65
	aB	105,621.25	109,722.30	116,878.92	120,802.91	127,407.35	123,704.42	104,724.45
	AB	105,120.25	110,673.80	117,904.54	121,552.11	127,525.45	124,267.07	104,989.45
	Ab	102,672.75	107,255.35	114,563.96	118,105.11	123,535.25	121,765.40	103,519.65
(2a)	ab	97,871.75	101,614.65	107,793.89	108,569.21	121,397.85	118,632.15	99,546.30
	aB	100,499.25	105,283.10	111,808.02	115,781.21	125,013.05	121,958.82	101,010.60
	AB	99,998.25	106,234.60	112,833.64	116,530.41	125,491.15	122,521.47	101,275.60
	Ab	97,550.75	102,816.15	109,493.06	113,083.41	121,500.05	120,019.80	99,905.80
(3a)	ab	94,082.75	96,947.55	103,148.00	104,192.71	116,456.10	113,582.55	95,478.55
	aB	96,710.25	100,616.00	107,162.13	111,404.71	120,071.30	116,909.22	96,942.35
	AB	96,209.25	101,567.50	108,187.75	112,153.91	120,549.40	117,471.87	97,207.35
	Ab	93,761.75	98,149.05	105,847.17	108,706.91	116,559.20	114,970.20	95,737.55

NOTE:—a—Round preliminary tank; b—Round final tank; A—Rectangular preliminary tank; B—Rectangular

U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

$3,769,000 Available For State Hospitals

Bids July 17-18 on Surfacing Contracts

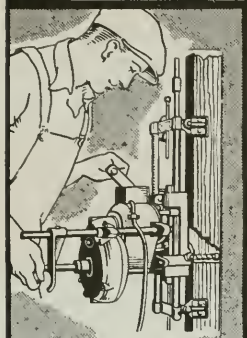
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

E 29, 1935

Vol. XVIII—No. 26

WAPPAT Electric TOOLS



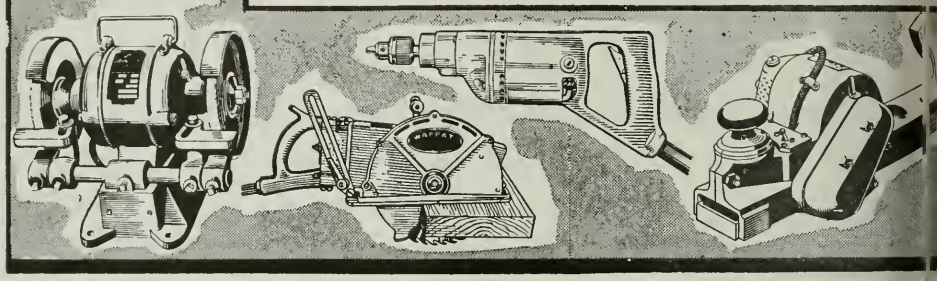
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angele
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angele

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

'ol. XVIII SAN FRANCISCO, CALIF., JUNE 29, 1935 No. 26

ET $320,000 NEVADA STATE HIGHWAY JOBS

'ive Contracts Awarded; One Held For Bureau Recommendation

CARSON CITY, Nev.—June 26. -Contracts approximating $320,000 ere awarded today by the Nevada tatte Highway Directors on five rojects for which bids were reeived this afternoon. Bids on a xth contract were held under adisement and were referred to the . S. Bureau of Public Roads for ecommendation.

Contracts were let as follows:

Esmeralda County: Asphaltic surcing (road-mix) 23.2 miles from est of Miller's to Coaldale to U. . Lee, San Leandro, Calif., $42,-83.

White Pine County: Asphaltic urfacing (road-mix) 7.3 miles beween Preston and Junction with tate Route 4, to Dodge Construcon Co., Fallon, $15,569.

Douglas County: Asphaltic surcing (road-mix) 3.8 miles from e California-Nevada state line to miles south of Minden to U. B. ee, San Leandro, $79,089.

Lander County: Construction of 2.4 miles from Austin Cemetery a point east of Austin, to Dodge onstruction Co., Fallon, $69,788.

Elko County: Asphaltic surfacg (road-mix) 67.9 miles from ells to the Nevada-Idaho line, to . F. Fredericksen & Sons, Lower ake, Calif., $121,751.

A contract for surfacing 8.5 miles Lyon County from Wabuska to point 8.5 miles north was held nder advisement. The low bid as submitted by U. B. Lee, San eandro.

ERKELEY SCHOOL ALLOCATION REDUCED

A loan and grant of $117,000 alocated by PWA to the Berkeley chool district for school reconruction has been reduced to $76,-00 due to curtailed plans for the uilding program. It is proposed o use the money for reconstruction of the main buildings of Longellow elementary and Garfield junor high schools.

LET CONTRACT FOR BRIDGES

SACRAMENTO, June 25.—Contract for construction of two timber bridges in Monterey county on the Carmel-San Simeon route was awarded today to Peninsula Paving Co., San Francisco, by the State Division of Highways. The bridges are to span Limekiln Creek and Vicente Creek, about 38 and 43 miles south of Monterey, respectively. The contract price is $88,683.

Sacramento Council Approves $1,048,000 Projects for PWA

Sacramento city council has approved a program totaling $1,048,000 in proposed public works to be financed with PWA aid. City Manager James S. Dean has been directed to prepare data for an application to the Federal authorities.

Improvements in the water department have been recommended by the National Fire Underwriters board and proposed construction is as follows:

Two concrete water reservoirs, of 3,000,000 gallons capacity each, $300,000; extension of water mains and the enlargement of downtown mains, $125,000; construction of a 10,000,000-gal. filtered water tank at the filtration plant, $100,000; new reserve filtration plant pumps and building repairs, $90,000.

Other expenditures will be divided as follows:

Enlargement of storm sewer mains in downtown district and in some residential districts, $155-000; installation of new fire alarm systems, and central alarm office, $230,000; addition to library building and book racks, $30,000; construction of pound building with lethal gas chamber, $11,000, and pedestrian underpass on Freeport boulevard, $7,000.

April orders for distillate oil burners numbered 4,586 as compared with 3,181 in March, reports the Bureau of the Census.

TWO SURFACING CONTRACTS FOR BIDS JULY 17-18

Napa and Los Angeles-Kern Route Improvements Authorized

SACRAMENTO, June 25.—The State Division of Highways today issued bid calls for two surfacing contracts, one located in Napa county and one in Los Angeles and Kern counties.

Bids will be opened in Sacramento, July 17, for the Northern California work and in Los Angeles, July 18, for the project in Southern California.

The Napa county contract is for grading and surfacnig with crusher run base and plant-mixed material about 1.1 miles at various locations between Carneros Creek and Napa.

The Los Angeles-Kern contract is for applying road-mix surface treatment to the existing roadbed shoulders for a distance of about 13.7 miles and applying bituminous seal coat to treated shoulders for a distance of about 24.9 miles between Lancaster and Mojave.

Readvertising of the contract for grading and surfacing approaches to the Sacramento river bridge at Redding was authorized today. The bids are to be received July 8 by F. W. Haselwood, district engineer, at Redding. This contract was advertised previously, but was cancelled to changes in provisions relating to code compliance.

ANNOUNCE NEW MODEL LINK-BELT SHOVEL

Two new models of crawler-mounted shovels, cranes, draglines to be known as models K-40 and K-45, have been placed on the market by Link-Belt Company, 910 S. Michigan Ave., Chicago, Ill.

The new models, like those they replace, may be used as shovels, cranes, draglines or trench hoes. Among the improvements listed by the manufacturer are a centralized lubricating system on the rotating frame and an improved two-tread steering arrangement.

VETS' HOSPITAL WORK TO COST $754,000 ASKED

Bay District Facilities Listed In Improvement Fund Application

The Veterans Administration has filed additional requests for appropriations from the Federal work-relief fund for betterments at various facilities, including projects at hospitals in three western states aggregating $754,500.

Projects proposed in California, Oregon and Arizona announced by the Division of Applications and Information are:

SAN FRANCISCO
Walks, painting, drainage, additional parking space, greenhouse, landscaping etc., Fort Miley ..... $ 28,500

PALO ALTO.
Road construction, painting, new service lines, incinerator, garages, sewage disposal plant, revision of heating plants and miscellaneous repairs 135,500

LIVERMORE.
Incinerator, personnel garages, enlargement of staff quarters and recreation bldg. miscellaneous repairs & betterments 84,500

LOS ANGELES.
Development of grounds, remodeling boiler house, construction of crematorium, rearrangement of underground service lines, cold storage building, garages and miscellaneous repairs 232,000

SAN FERNANDO.
Personnel garages, road surfacing, grounds development irrigation reservoir, underground electric line, general betterments 104,000

PORTLAND.
Landscaping, building conversion, enclosing open corridors, alterations to pathological laboratory, reconditioning porches, extension of parking area, relocation of roads and repairs 64,000

TUCSON, Arizona.
Personnel garages, glazing porches, landscaping, ground drainage, painting and stucco work, general repairs and betterments 72,000

WHIPPLE BARRACKS, Arizona.
General repairs and improvements 34,000

SELECTING DEALERS

Pneucrete Equipment Company, Chamber of Commerce Bldg., Los Angeles, is appointing dealers for the spherical pneucrete placer manufactured by the concern. The improved equipment reduces costs materially for pneumatically placing concrete, it is claimed.

Daily Shipments of Gate Bridge Cable Scheduled

The first shipment of steel wire for the 36½ inch cables of the Golden Gate Bridge is enroute to San Francisco, and arrangements have been made for daily consignments from now on, Chief Engineer Joseph B Strauss announces in his weekly report to the board of directors of the Golden Gate Bridge & Highway District

The shipment consists of 1908 tons, according to advices from John A. Roebling Sons Company, cable contractors, who are prepared to make shipments aggregating 725 tons a week. A total of 16,532 tons of wire, or 76.9 per cent, of the cable wire has been accepted for storage and shipment

Other operations for cable spinning of the longest suspension span in the world are going ahead speedily. Preparations for the anchorages for the cat walk for cable workers are being made on both sides of the Golden Gate, rails for the spinning wheels have been installed on both sides, and eight cable spinning machines are being set up.

The McClintic-Marshall Corporation, tower contractors, announce they will turn the completed San Francisco tower over to the cable contractor about Friday. Riveting at the top of the tower, and lowering of the cable saddles into adjusted positions is underway. Some field painting on the tower remains to be done.

At the San Francisco anchorage forms have been raised and reinforcing steel is being placed for another lift, or tier on Pylon S-2. The cable contractor has installed two derricks atop the cable anchorage and housing roof. Excavating for the north abutment of the approach span on the Marin side is underway.

Progress is being made on the Marin Approach Road, where foundation work for the second unit of the low viaduct is underway. The Northwest timbermen's strike is causing some delay in pile driving operations of the approach.

From the eastern mills and shops comes word that 590 tons of the stiffening trusses and floor steel for the deck of the bridge has been shipped to the fabricating shop.

Approximately 470 men were employed on the project during the past week, including about 200 men in the finishing work on the San Francisco tower.

CONDUIT BOOKLET

An illustrated booklet describing the Therm - O - Tile underground steam conduit system, for protection, support and insulation of underground pipelines, has just been published by H. W. Porter & Company, 825 Frelinghuysen Avenue, Newark, N. J. Copies of the publication, known as Bulletin No. 351 may be obtained by writing the manufacturer.

KELHAM HEADS ARCHITECTS FOR BAY EXPOSITION

Six Named on Architectural Commission To Plan World's Fair

A commission of six San Fran cisco architects was appointed t directors of San Francisco Bay E position, Inc., at a meeting Frida to begin designs for the 193 World's Fair on Yerba Buen shoals.

The architects named are:

George W. Kelham.
Arthur Brown, Jr.
Timonthy Pflueger.
Ernest Weihe.
William G. Merchant.
Lewis Hobart.

Appointment of Mr. Kelham a chairman of the commission w announced by Leland W. Cutle president of the exposition co pany, immediately after directo had approved the commission.

Mr. Kelham was chief of arch tecture for the Panama Pacific I ternational Exposition in 1915. H is supervising architect for t University of California. Amo the San Francisco buildings of h design are the Standard Oil Buil ing, Shell Oil Building and t Russ Building.

He has been interested in t exposition program since its ince tion and with Architect W. P. D was co-author of the report whi recommended selection of Yerb Buena shoals as the site.

Mr. Day is engineer-in-chief f the exposition and is directing p liminary work at the site. A boa of consulting engineers will named by the directors shortly.

Mr. Cutler reported to the e position directors he found Fede al officials in Washington "ve sympathetic toward the expositi program and professed a desire cooperate in the undertaking."

"The Federal government is p ticularly interested in the expo tion program by reason of the timate development of an airp on the Yerba Buena Shoals a the part that this might play national defense in the event an emergency," said Mr. Cutler

The directors appropriated $2 to cover preliminary drafting penses of the Architectural Co mission, but the members of t commission will serve without co pensation.

MOVE OFFICES

Offices and display rooms of El tric Appliances, Inc., are to moved from 401 Sutter Street 2001 Van Ness Avenue, effect July 1.

Shipments of electric industr trucks and tractors during the fi five months of 1935 numbered 3 as compared with 303 in the c responding period last year a 120 during the first five months 1933, according to the Bureau the Census

$3,769,000 Appropriation Available For State Hospital Building; Plans Rushed to Start Work this Summer

The State Division of Architecture has started plans for buildings and improvements authorized at state hospitals by the legislature to cost, $3,769,500. The money will be available July 1 and contracts will be let as soon thereafter as plans can be completed, according to State Director of Institutions Harry Lutgens.

This building program will be carried forward independently of any funds that may be provided through federal aid or by the special building bond issue to be voted on this summer. Provision was made by the legislature for work considered immediately essential to relieve overcrowding at the hospitals. The state bond issue ballot will include a proposal for $8,500,000 more to be used for hospital institutions. From this amount, however, the governor is authorized to deduct money to reimburse the general fund for the $3,769,500 appropriated The deduction is not mandatory and is to be made only when the condition of the general fund requires repayment.

The available money, both the appropriated portion and that which may be authorized by the special election, can be supplemented by federal grant of PWA money. A conference with Acting PWA Director A. D. Wilder is scheduled this week to learn what terms the states may expect if application is made for PWA money.

Proposals for state bonds to finance $13,950,000 in new building will be on the special election ballot, August 13. They include the following items: Southern California penitentiary, $3,500,000; additions to state building at Los Angeles $1,000,000; addition to State Capitol, $950,000; additions at state institutions, $8,500,000.

Institutional building in the bond proposal is apportioned as follows: Camarillo, $1,235,000; Patton, $320,000; Mendocino, $385,000; Agnew, $[illegible],000; Napa, $580,000; Sonoma, $[illegible]5,000; Pacific Colony, $765,500.

This program is planned on the assumption that the general fund will be reimbursed from the bond money for the current appropriation. If that money is not withdrawn, additional work will be undertaken during the biennium.

The following is the detail of the program provided under the legislature's appropriation of $3,769,500:

CAMARILLO STATE HOSPITAL.

Complete dormitory for custodial group of males	$1,050,000
Industrial building	75,000
Dining room (seat 450)	85,000
Boiler and mechanical work	
Sound lighting, well, etc.	55,000
Flood control	20,000
Laundry	75,000
Attendants' quarters, bldg. and garage	140,000
Dairy and poultry bldgs.	100,000
Commissary & refrigeration	120,000
Morgue	10,000
Garages	10,000
Unbudgeted Reserve	150,000
Total	$1,890,000

MILL OUTPUT IN SMALL GAIN

Northwest lumber mills reported production for the week ended June 15 at 33,879,359 bd. ft., about 1,400,000 feet over the preceding week. The average weekly production of this group of mills in 1935 has been 72,567,994 feet; during the same period in 1934 their weekly average was 80,739,014 feet, the West Coast Lumbermen's Association states.

In the week of June 15 shipments were under production 7.8 per cent and current sales were over production by 52.3 per cent. The unfilled order file gained approximately 20,000,000 feet over the week previous. Aggregate inventories are 21 per cent less than at this time last year.

NORWALK.

Dormitory for 120 patients	$ 115,000
Boiler, piping	15,000
Total	$ 130,000

PATTON STATE HOSPITAL.

Dormitory	$ 130,000
Dormitory	220,000
Ward building at farm	30,000
Total	$ 380,000

MENDOCINO STATE HOSPITAL.

Complete custodial unit for criminal insane, cell-block plan	$ 300,000
Addition to sewage plant	20,000
Total	$ 320,000

STOCKTON STATE HOSPITAL.

Dormitories at main institution and farm	$ 800,000
Addition to kitchen and dining room at farm	100,000
Attendants' qtrs. at farm	94,500
Boiler house at farm	15,000
Boiler, piping, etc.	15,000
Addition to sewage plant at farm	25,000
Total	$1,049,500

All plans for this work are being prepared in the State Division of Architecture under supervision of State Architect Geo. M. MacDougall. Since many of the units contemplated are closely similar to existing structures, plans can be completed at an early date. Because of the immediate need for new facilities the state administration intends to start as many of these units this summer as possible.

CITIES LISTED FOR U. S. JOBS

$6,250,000 L. A. Building In Group Authorized By Congress

An appropriation of $58,000,000 for public buildings outside the District of Columbia is contained in the second deficiency bill which was passed by the House of Representatives last Friday. This bill will provide money for erecting buildings in about 433 cities, it is estimated by Treasury Department officials.

The cities to receive buildings will be selected from a list of approximately 1200 where new quarters have been recommended for the post office or other Federal offices.

California cities on the eligible list set up under the bill, together with the maximum expenditure where such recommendations were made, include post offices unless otherwise specified):

Alturas, $66,000; Auburn, $75,000 Banning, $67,000; Brawley, $90,000 Burbank, $126,000; Burlingame, $203,000; Calexico, $76,000; Carmel $69,000; Colusa, $67,000; Corona, $74,000; Covina, $67,000; Crescent City, $66,000; Culver City, $106,000.

Downey, $66,000; Escondido, $66,000; Fresno, $800,000; Fullerton $92,000; Gilroy, $67,000; Hemet, $65,000; Lindsay, $70,000; Livermore, $67,000; Los Angeles (customs house), $6,250,000; Los Gatos $72,000.

Martinez, $95,000; Monrovia, $116,000; Mountain View, $69,000; Ontario, $99,000; Oxnard, $89,000; Pacific Grove, $67,000; Paso Robles $62,000; Richmond, $100,000; Riverside, $300,000.

San Diego (buildings) $500,000; San Diego, post office, $225,000, in addition to $410,000 previously appropriated; San Diego (remodeling customs house) $50,000.

San Francisco (appraisers' stores) $1,185,000; Santa Maria $84,000; South San Francisco, $68,000; Susanville, $63,000; Tulare, $79,000; Upland, $70,000; Ukiah, $83,000; Venice, $101,000.

Watsonville, $135,000; Wilmington, $101,000; Yreka, $66,000; Yuba City, $72,000; Arcadia, Avalon, Delano, Chula Vista, Dunsmuir, Eureka, Gardena, Glendora, Nevada City, Ojai, San Francisco (parcel post building), Taft, Placerville, Quincy, Terminal Island, Westwood, Willows, Yosemite National Park.

REDWOOD MILLS BUSINESS IMPROVED

Shipments from redwood mills reported by the California Redwood Association for the week ended June 8 were 6,807,000 feet ;production 6,240,000 feet; new business 8,524,000 feet. Fifteen identical mills reported production 12 per cent less and new business 82 per cent greater than for the same week last year. Week-end orders on hand aggregated 50,869,000 ft.

PWA Housing Division Issues Manual For Architects On Low-rent Projects

A comprehensive manual on architectural plans for low-rent housing projects has been published by the Housing Division of the Public Works Administration.

Showing typical room arrangements, site plans and details to be followed in planning a low-rent housing project, the book gives a foretaste of the features of the slum clearance and housing projects now being developed by the Housing Division in more than sixty cities.

The publcation was developed to serve as a handbook for architects employed on Housing Division projects. It sets forth the various types of building unit arrangements adaptable to low-rent housing requirements and shows in actual plans desirable room arrangement, best group of apartments for maximum efficiency and minimum expense, and treatment of site plans for best orientation of buildings.

Indicative of the requirements set for low-rent housing projects, the book reveals that relatively high standards will prevail in the room arrangement, size and equipment of low-rent apartments on the PWA slum clearance program. Minimum dimensions are set for all rooms, the smallest measurement set for an apartment living room being 11 feet with a minimum area of 150 square feet. Likewise main bedrooms must contain at least 100 square feet with a minimum dimension of 10 feet. Kitchens must contain at least 65 square feet.

The book also discloses that plans for a low-rent housing project ask for cross-currents of air for kitchens wherever possible; for location of kitchens near entrances and require careful arrangement of equipment to obviate lost motion. Bathrooms are required to have standardized layouts to effect economy.

Incinerators are required for apartment buildings and every apartment must have a coat closet, a linen closet and a closet in every bedroom. Emphasizing the importance of light and air, each dwelling unit is required to have windows equal to at least one-tenth of floor area and never less than 12 square feet. At least one bedroom per apartment must be able to accommodate twin beds.

Aiming at privacy, the plans disclose that each dwelling is to be arranged so that bedrooms may be reached from the entrance without it being necessary to cross the living room. This is accomplished in most instances by crossing thru the kichen, as an alternate route. Such arrangement makes it possible to utilize the living room for sleeping quarters with complete privacy.

Care in design of rooms is emphasized. "After a minimum schedule of room sizes has been adopted, it will be found in most cases the efficiency of a unit will be better satisfied through a proper sequence and arrangement of rooms rather than by simply increasing the room dimensions," the book states. "A well-designed kitchen or bathroom with properly arranged fixtures and equipment is more useful than a larger room in which little or no thought has been given to room layout."

In all, some 64 possible plans covering possible low-rent housing arrangements are presented. Low-rent housing is defined as that kind of housing "which provides shelter embodying modern standards of planning, construction and sanitation at rentals not to exceed one-fourth of the average family income of those in the lower income group." It is pointed out that ultimate success of a project is dependent on low land cost, efficient design, sound and economical construction, low interest rates, long periods of amortization, capable management and low operating and maintenance costs.

In developing projects, the book points out, four major features must be considered: 1. Location of the project; 2. Design of the buildings; 3. Treatment of grounds; 4. Costs as determined by selection of materials and equipment.

The plans as presented by the book are unit plans, that is groupings of apartments into single building units of varying types, such as Tees, Crosses, Ribbons, etc.

The book was assembled by the Housing Division from its working blueprints chiefly as a means of simplifying the work of architects. The presentation of various combinations of dwelling units which may be assembled into compact groups permits the architect to devote a good part of his time to the proper assemblage and orientation of the units rather than to the creation of workable plan combinations. The chief function of the unit plans will be as guides, as no attempt has been made to solve individual problems or local site conditions. According to the text, the "effort has been made to present typical layouts covering different units and combinations of units in the belief that the architects will use them as aids to develop their own ideas, both for the individual unit and the group plan."

As an aid toward determining what type of housing is most feasible for different categories of sites, a table is included which shows the relation of land cost, number of rooms per acre, number of stories, basements, construction and maintenance cost. Also included in the book are a number of ineffective plans which point out what should be avoided in planning a project for the PWA slum clearance and low-rent housing program.

S. F. EARTHQUAKE HAZARD SURVEY TO BE RESUMED

Budget Provision Assures Work Will Continue; Cope Reports Results

The earthquake hazard survey of downtown buildings which has been conducted for the past two years by the San Francisco Bureau of Building Inspection will be resumed as soon as the $5,000 provided in the 1935-36 budget becomes available, Supt. Erle L. Cope said yesterday.

Two inspectors will be assigned to the survey, according to Mr. Cope. They probably will work in the area north of Market Street between Taylor Street and Van Ness Avenue.

The inspectors examine buildings, devoting particular attention to parapet walls, roof tanks, signs, marquees and similar details which at the time of an earthquake are usually the first to give way, Mr. Cope said. Their findings are then reported to the owner of the property with recommendations for needed alterations.

The response of property owners to the recommendations of the Bureau thus far has been very encouraging, according to Mr. Cope, many acting immediately to remedy the situation and nearly all indicating their intention of bringing their property into a safe condition as soon as possible.

Of the 1046 buildings examined in the survey to date, 665 required strengthening; 11 per cent of 2,045 signs were found faulty; 15 per cent of 155 marquees inspected required some correction; and 96 per cent of 217 roof tanks were considered inadequately braced to resist earthquakes.

Thus far the survey has covered both sides of Market Street from the Ferry Building to Van Ness Avenue; the blocks between Montgomery and Kearny Streets from Market to Washington; west side of Kearny Street from Market to Washington; blocks between Kearny and Stockton Streets from Market to Clay; the blocks between Stockton and Taylor Streets between Market and California; the three blocks between Taylor, Jones, California and Sutter Sts. and the east side of Montgomery Street from Market to Washington Streets.

Future plans for the survey include the industrial district south of Market Street, Mr. Cope stated.

The coming year will be the third in which the earthquake hazard survey has been conducted, $5,000 having been allotted the work each year.

IN NEW LOCATION

Allied Industries, Inc., manufacturers representatives, will occupy new quarters at 1135 Harrison St. next Monday. The company is moving from 453-455 Second street.

C. L. WOLD LOW ON REBUILDING LOWELL SCHOOL

Bids Opened On Portions Of Work To Be Let Separately

Bids for three portions of the Lowell High School reconstruction project and for installation of the Sunset District high pressure main extensions were opened yesterday by the San Francisco Department of Public Works, and a contract for installing the first section of the Embarcadero District main extensions was advertised.

C. L. Wold Construction Company, Ltd., submitted a low proposal of $41,877 for general work at Lowell High. The only other bids received on this portion of the work were those of O. Monson at $42,740, and F. C. Amoroso and Son at $51,270.

For brick work J. L. Collins, 666 Mission Street, was low bidder at $6,495. Other bidders were: White & Gloor, $6,767; Wm. A. Rajney & Son, $6,975; and Emil Hogberg, $7,390.

Fair Manufacturing Company, 617 Bryant Street, submitted a low bid of $4,790 for structural steel and iron work. Other bids were: Golden Gate Iron Works, $4,900; Judson-Pacific Co., $6,642; and Schrader Iron Works, $6,930.

Bids taken previously for the Lowell High School reconstruction were rejected as too high. It is understood that segregated bids were asked owing to the peculiar conditions surrounding the project, and that future work under the school bond issue will be let under the general contract system as in the past. The building was damaged by fire while under reconstruction, and contracts now being let will complete the work, including repairing the fire damage. Plans were prepared by L. H. Nishkian, structural engineer.

A low bid of $33,307 for installing the Sunset District extension of the city's high-pressure fire protection mains was submitted by Pacific States Construction Company, 708 Call Building. Total bids on this contract were:

Pacific States Const. Co.	$33,307
Herman Lawson Co.	34,405
H. J. Lynch	36,937
Paton & Smith	37,518
Chas. L. Harney	37,685
MacDonald & Kahn Co., Ltd.	37,910
J. C. W. & H. H. Haun	37,988
Bay Improvement Co.	38,549
Lowrie Paving Co.	39,311

Bids for installing Section "A" of the Embarcadero District extension to the high-pressure mains will be opened by the Department July 10. Cost of this section of the main extensions is estimated by City Engineer John J. Casey at approximately $32,000. The high-pressure main extension program is financed in part by a grant from the Federal Public Works Administration.

Federal Loans To Heavy Engineering Work Under PWA Exceed $200,000,000

More than $200,000,000 worth of bridges, tunnels, subways and other engineering structures are being added to the nation's useful structures as the Public Works Administration is completing its original two-year program.

About 250 of PWA's 19,000 projects are classified as engineering structures. Outstanding among them are several in New York City, which are providing a large amount of direct employment on construction sites in a center of unemployment and widely scattered industrial employment in many other localities where materials are being manufactured for use on the sites.

The largest of the New York City projects is the Tri-Borough Bridge, for which PWA made a loan and grant of $44,200,000 to the Tri-Borough Bridge Authority. Built in the shape of a Y, this bridge will connect Long Island with both Manhattan Island and mainland of New York State. This will greatly relieve one of the most congested traffic situations in the country. Work on the Tri-Borough Bridge has been under way for more than a year and is progressing rapidly.

To connect Manhattan Island with New Jersey and relieve congestion at the Holland Tunnel and George Washington Bridge, PWA made a loan of $37,500,000 to the Port of New York Authority for another tunnel under the Hudson River. Work on this project commenced on October 20, 1933, and is being pushed rapidly to completion.

An allotment of $23,000,000 was made to enable New York City to complete work on an 18-mile section of its municipally owned and operated subway system. Up to the time that work was suspended because of the depression the city had spent several hundred million dollars on its municipal lines.

With a PWA grant of $1,193,000 New York City is completing three of the largest steamship piers in the world. The completed piers will cost about $14,000,000, and about $10,000,000 had been spent before the city had to call on PWA for aid in finishing them. One of the new piers will be used by the new superliner, Normandie, of the French Line, and another will be used by the Queen Mary, now being built in England.

In Philadelphia the Great Camden Bridge across the Delaware River is being completed by installation of a high-speed shuttle line connecting with the Philadelphia subway system. PWA made a loan and grant of $10,000,000 for this work.

A new bridge is spanning the Mississippi River between Rock Island, Illinois, and Davenport, Iowa, because of a PWA loan and grant of $1,500,000 and another one is crossing the Missouri between Omaha and Council Bluffs as a result of a loan and grant of $1,740,000.

MATERIAL PRICE AVERAGE GAINS

Higher lumber prices brought the price index of the U. S. Bureau of Labor Statistics for the building material group to 85.1, a new high point for the year, in the week ended June 8. The group average is still 3.1 per cent below the level of the corresponding week in 1934, however. Paint materials prices were lower in the week, while other items registered little or no fluctuation. The building material price increase was contrary to the trend in most wholesale commodity prices for the week of June 8, the general index average registering a decline of four-tenths of one per cent.

New Vets' Board Chairman Promises Home Loan Action

Thomas M. Foley of San Francisco will succeed John P. Brennan as chairman of the Veterans Welfare Board, under a decision by the State Supreme Court. Mr. Foley was appointed to the post by Governor Merriam, but the action was contested by Mr. Brennan, who refused to vacate.

The Veterans Welfare Board administers the veterans home loan bond fund and the dispute over chairmanship is blamed for delay in disbursing funds for home building.

Mr. Foley announced he would direct every effort toward rapid accommodation of home loan applicants with the $30,000,000 now available in bonds and cash.

"A program has been formulated that will give the veterans better homes and better construction and equipment than ever before," he said. "The full facilities of research and experience of the board will be brought to the fore in assisting veterans to acquire homes and farms."

Request for $2,048,000 for a road building program in Alaska has been filed by the Alaska Road Commission with the Division of Applications and Information. Sixteen projects are listed, eight of them having received $742,200 previously in PWA funds.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
604	King	Wilbe	8950
605	Ambassador	Royal	1500
606	Stone	Sbarboro	3000
607	Chaput	Miller	3000
608	Standard	Standard	6000
609	Krantz	Lindberg	3900
610	Russ	Muller	2500
611	Russ	Muller	1300
612	Prentice	Tassi	1000
613	Mooy	Callaghan	1666
614	Carlson	Owner	4500
615	Eberhard	Jacks	1000
616	General	Owner	4000
617	California	Coburn	1900
618	Salvation	Lindgren	40000
619	Allied	Boller	1000
620	Gardner	Galli	4000
621	Steelform	Owner	4000

DWELLING
(604) E SAN PABLO 60 N Yerba Buena. Two-story and basement frame dwelling.
Owner—Helen King, % Contractor.
Architect—Martin Rist. Phelan Bldg., San Francisco.
Contractor—A. J. Wilbe, Phelan Bldg., San Francisco. $8950

ALTERATIONS
(605) NO. 101 EDDY ST. Alter store
Owner—Ambassador Buffet, Inc., Mason and Eddy Sts., San Francisco.
Architect—Not Given.
Contractor—Royal Show Case Co.,770 McAllister St., S. F. $1500

ALTERATIONS
(606) S FRANCISCO ST. 93 E Broderick St. Alter dwelling.
Owner—Mrs. M. Stone, Premises.
Architect—Not Given.
Contractor — Sbarboro & Jorgensen, 2225 North Point St., S. F. $3000

REPAIRS
(607) NO. 2265 LARKIN ST. Repair fire damage to apartments.
Owner—Mrs. Martha Chaput, Prem.
Architect—Not Given.
Contractor—Miller & McGillis, 527 19th Ave., San Francisco. $3000

STATION
(608) NE THIRD AND BERRY STS. Class service station.
Owner — Standard Stations, Inc., 200 Bush St., San Francisco.
Engineer—Standard Oil Co., 225 Bush St., San Francisco.
Contractor — Standard Oil Co., 225 Bush St., San Francisco. $6000

ALTERATIONS
(609) NO. 1256 EIGHTH AVENUE. Alter apartments.
Owner—Ethel Krantz, Premises.
Architect—C. McNally, 257 Waller St., San Francisco.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $3900

ALTERATIONS
(610) 235 MONTGOMERY ST. (18th floor Russ Bldg.)
Owner—Russ Bldg. Co., 235 Montgomery Street.
Architect—Not Given.
Contractor—A. G. J. Muller, 243 7th Street. $2,500

ALTERATIONS
(611) 235 MONTGOMERY ST. (30th floor Russ Bldg.)
Owner—Russ Bldg. Co., 235 Montgomery Street.
Architect—Not Given.
Contractor—A. G. J. Muller, 243 7th Street. $1,300

ALTERATIONS
(612) NO. 1333 WASHINGTON ST. Alter flats.
Owner — Mrs. Claire E. Prentice, % Contractor.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market St., San Francisco. $1000

ALTERATIONS
(613) NO. 1205 WILLARD STREET. Alter apartments.
Owner—Mrs. E. Mooy, Premises.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco. $1666

DWELLING
(614) W TWENTY-SECOND AVE. 175 S Moraga St. One-story and basement frame dwelling.
Owner—John Carlson, 2239 Bryant St. San Francisco.
Architect—Donnell E. Jaekle, 126 Post St., San Francisco. $4500

ALTERATIONS
(615) NO. 290 FIRST ST. Alterations to building.
Owner—Geo. H. Eberhard, Premises.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $1000

STATION
(616) SW PACIFIC AVE AND POLK St. One-story Class C service station.
Owner — General Petroleum Corp., Pier and Ferry Sts., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(617) NO. 1750 CLAY ST. Alter clubhouse.
Owner—California Club, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1900

HOME
(618) SW SUNNYDALE & HAHN Sts. One and two-story and basement children's home.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect — D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $40,000

ALTERATIONS
(619) NW POST AND STOCKTON Sts. Alter hotel.
Owntr—Allied Properties, Clift Hotel San Francisco.
Architect—Not Given.
Contractor—Boiler, Tank & Pipe Co., 800 75th Ave., Oakland. $1000

DWELLING
(620) W TWENTIETH AVE. 160 N Lawton St. One-story and basement frame dwelling.
Owner—T. E. J. Gardner, 1427 Willard St., San Francisco.
Architetct—Not Given.
Contractor—R. F. Galli, 1674 28th Ave San Francisco. $4000

SHED
(621) S VERONA ST. 100 E Third St. Class B storage shed.
Owner — Steelform Contracting Co., 688 Harrison St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt
406	Kihn	Haulman	40[illegible]
407	California	Monson	275[illegible]
408	Houdlette	Owner	195[illegible]
408	Bowman	Capital	300[illegible]
409	Scammell	Owner	500[illegible]
410	Taylor	Carlson	380[illegible]
411	Busche	Paige	2643[illegible]
412	City	Gerwick	6451[illegible]
413	Rainier	Moore	200[illegible]
414	Santa	Owner	100[illegible]
415	Duckworth	Anderson	370[illegible]
416	Merlino	Webb	594[illegible]
417	Lee	Vila	245[illegible]
418	Whitney	Person	900[illegible]
419	Reliable	Robson	500[illegible]
420	Heard	Sorensen	4298[illegible]
421	Naylor	Tranmal	1018[illegible]
422	Wallin	Owner	500[illegible]
423	Pleitner	Watson	485[illegible]
424	Hult	Bokkelen	100[illegible]
425	Perino	Melrose	240[illegible]
426	Chaput	Taylor	450[illegible]
427	Randolph	Pressler	400[illegible]
428	General	Truscon	350[illegible]
429	Kelley	Whalin	150[illegible]
430	Gibba	Brass	580[illegible]

DWELLING
(406) NO. 971 PEARL ST., ALAMEDA. Two-story 6-room frame and stucco dwelling.
Owner—H. J. Kihn, 1407 Page Street Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 124[illegible] Broadway, Alameda. $4000

ALTERATIONS
(407) BUENA VISTA AVE. nr. Sherman St., ALAMEDA. Remove offices in warehouse from one end of building to the other.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—Not Given.
Contractor—Monson Bros., 475 Sixth St., San Francisco. $275[illegible]

ALTERATIONS
(408) NO. 317 PALA AVE., PIEDMONT. Alterations.
Owner—L. Houdlette, Premiaes.
Architect—Not Given. $195[illegible]

ALTERATIONS
(408) NO. 3900 HOPKINS STREET, OAKLAND. Alterations.
Owner—S. R. and M. D. Bowman, % Acacia Mutual Life Insurance Co., 404 Golden Gate Bldg., S. F.
Architect—Not Given.
Contractor — Capital Co., 625 Market St., San Francisco. $3000

DWELLING
(409) NO. 15 ELSTON COURT, OAKLAND. One-story 6-room dwlg.
Owner — J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

ALTERATIONS
(410) NO. 2138 KITTRIDGE STREET BERKELEY. Alterations.
Owner—Mr. Taylor, Premises.
Architect—Not Given.
Contractor — Victor Carlson, 3021 Deakin St., Berkeley. $3800

DWELLING
(411) 77 BOWLING DRIVE, OAKLAND; two-story 14-room dwelling.
Owner—Miss Grace Busche, 359 Perry St., Oakland.
Architect—F. E. Barton, Crocker Bldg., San Francisco.
Contractor—Harold Paige, 5651 Oak Grove Ave., Oakland. $26,484

WHARF & WHARF REPAIRS
(412) SEVENTH St. Unit Outer Harbor Terminal, Oakland; wharf and wharf repairs.
Owner—City of Oakland, Grove Street Pier.
Plans by Port of Oakland, Grove St. Pier.
Contractor—Ben C. Gerwick, 112 Market St., San Francisco. $64,545

SIGNS
(413) 751 E EIGHTH ST., **OAKLAND**; roof signs.
Owner—Rainier Brewing Co., Premises.
Contractor — John J. Moore Co., 354 Hobart St., Oakland. $2,000

ADDITION
(414) 1175 57th AVE., **OAKLAND**; addition on roof.
Owner and Builder—Santa Cruz Packing Co., 1175 57th Ave., Oakland.
Architect—Not Given. $1000

DWELLING
(415) 2001 TIFFIN RD., **OAKLAND**; one-story 5-room dwelling.
Owner—Geo. Duckworth, premises.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—A. F. Anderson, 2024 22nd Ave., Oakland. $3700

DWELLING
(416) NO. 681 APGAR ST., **OAKLAND** Two-story 9-room dwelling.
Owner—J. Merlino, 679 Apgar Street, Oakland.
Architect—Not Given.
Contractor — Webb & Whalin, 2930 22nd Ave., Oakland. $5940

ALTERATIONS
(417) NO. 561 THIRTY-EIGHTH ST., **OAKLAND.** Alterations and one-story garage.
Owner—Frederick Lee, Premises.
Architect—Not Given.
Contractor—Joe Vila, 1207 Solano Ave., Albany. $2450

DWELLING
(418) NO. 116 THE UPLANDS, **BERKELEY.** Two-story 8-room frame dwelling and garage.
Owner—M. P. Whitney, 154 Brookside Drive, Berkeley.
Architect—W. W. Wursten, 260 California St., San Francisco.
Contractor—Emil Person, 829 San Luis Road, Berkeley. $9000

DWELLING
(419) NO. 6501 LONGWALK DRIVE, **OAKLAND.** Two-story five-room dwelling.
Owner—Reliable Homes, Inc., 1733 Seminary Ave., Oakland.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—Wm. H. Robson, 708 11th St., Oakland. $5000

RESIDENCE
(420) NO. 10 THE UPLANDS, **BERKELEY.** Three-story 20 - room residence and garage.
Owner—Bartlett B. Heard, 19 Ridge Road, Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Walter Sorensen, 2940 Piedmont Ave., Berkeley... $42,980

DWELLING
(421) NO. 868 PARAMOUNT ROAD, **OAKLAND.** Two-story eight-room dwelling.
Owner—Forest U. Nayler, 415 Bellevue Ave., Oakland.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Enoch Tranmal, 483 Crescent St., Oakland. $10,188

DWELLING
(422) NO. 2941 SEVENTY - FIFTH Ave., **OAKLAND.** Two-story 6-room dwelling.
Owner—Folke Wallin, 2150 60th Ave., San Francisco.
Architect—Not Given. $5000

DWELLING
(423) NO. 2759 E-TWENTY-THIRD St., **OAKLAND.** One-story 6-room dwelling.
Owner—H. A. Pieltner, 4021 E-14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Melden Ave., Oakland. $4850

REPAIRS
(424) NO. 1143 ST. CHARLES ST., **ALAMEDA.** Repaire fire damage to frame dwelling.
Owner—Elizabeth Hult, Premises.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 354 Hebart St., Oakland. $1000

DWELLING
(425) NO. 433 LINCOLN AVENUE, **ALAMEDA.** One-story five-room frame stucco and rustic dwelling.
Owner—Dominco Perino, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $2400

DWELLING
(426) W COCHRAN AVE. 217 N Agnes St., **OAKLAND.** Two-story 6-room dwelling.
Owner — Norman R. Chaput, 1140 Channing Way, Berkeley.
Architect—Not Given.
Contractor—F. S. Taylor, P. O. Box 95, Fruitvale. $4500

DWELLING
(427) NO. 4131 LYMAN RD, **OAKLAND.** One-story 5-room dwlg.
Owner—M. E. Randolph, 5121 Miles Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $4000

COMPRESSOR HOUSE
(428) FOOT OR FIFTH AVENUE, **OAKLAND.** One-story steel compressor house.
Owner—General Engineering & Dry Dock Co., Premises.
Architect—Not Given.
Contractor — Truacon Steel Co., Youngstown, Ohio. $3500

ALTERATIONS
(429) NO. 3454 LAGUNA AVENUE, **OAKLAND.** Alterations and addition.
Owner—Ida May Kelley, Premises.
Architect—Not Given.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland. $1500

DWELLING
(430) NO. 1825 SAN LORENZO ST., **BERKELEY.** One-story six-room frame dwelling and garage.
Owner—S. W. Gibbs.
Architect—Theo. G. Ruegg, 2068 Allston Way, Berkeley.
Contractor—J. P. Brass, 4050 Maple Ave., Oakland. $5800

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

138	Tiny's	Unit 6150

ALTERATIONS
(138) NO. 437-439 POWELL STREET general work for waffle shop and bar room, including construction and installation of fixtures and other alterations.
Owner—Tiny's Waffle Shop, Inc.
Architect—Williams & Grimes (Albert R. Williams), 251 Post St., San Francisco.
Contractor — Unit Bilt Fixture Co., 963 Harrison St., S. F.
Filed June 26, '35. Dated June 20, '35.
When ½ completed 25%
When ⅔ completed 25%
When completed 25%
90 days after 25%
TOTAL COST, $6150
Bond, none. Limit, August 17, 1935. Forfeit none. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
40	Busche	Paige	26484
No.	Owner	Contractor	Amt.
41	Regents	Ransome	6202
42	Fredericks	Holyoake	6509
43	American	Schnoor	12196

RESIDENCE
(40) NO. 77 BOWLING DRIVE, Oakland. All work for two-story residence and garage.
Owner—Grace Busche, 359 Perry St., Oakland.
Architect — F. Eugene Barton, 522 Grand Ave., Oakland.
Contractor — Harold L. Paige, 5651 Oak Grove St., Piedmont.
Filed June 20, '35. Dated June 20, '35.
20th of each month labor and materials to date .....
Contractors fired fee of $1200 payable on completion and payment of all bills.....
TOTAL COST, $26,484
Bond, none. 115 days. Forfeit, none. Plans and specifications filed.

TENNIS COURTS
(41) UNIVERSITY OF CALIFORNIA Campus. All work for six tenis courts.
Owner—Regents of University of California, Berkeley.
Architect—Herbert Foster, U. C. Campus, Berkeley.
Contractor—Ransome Co., 4030 Hollis St., Emeryville.
Filed June 24, '35. Dated June 4, '35.
On 1st of each month 75%
Usual 35 days..... Balance
TOTAL COST, $6202.04
Bonds, (2) $3500 laber and materials; $3500 performance. Surety, Pacific Indemnity Co. Limit, 30 days. Forfeit, $25 per day. Plans and specifications filed.

RESIDENCE
(42) LOT 7 POR. LOTS 6 AND 8 Blk B, Hampton Terrace, Haywards. All work for two-story residence and garage.
Owner—Edw. C. Fredericks.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Arthur Holyoake, 2839 E Ave., Hayward.
Filed June 24, '35. Dated June 16, '35.
Frame completed $1627.00
Brown coated 1627.00
When completed 1627.00
Usual 35 days..... 1628.50
TOTAL COST, $6509.50
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

EXACVATING, ETC.
(43) POTTER TRACT, Berkeley. All work for excavating and concreting.
Owner—American Forge Co., 25 Tehama St., San Francisco.
Arcitehct — K. Thelll, 580 Market St., San Francisco.
Contractor—Schnoer Bres., 6016 Claremont Ave., Oakland.
Filed June 24, '35. Filed May 27, '34.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST. $12,196
Bond, $12,196. Surety, Maryland Casualty Co. Limit, forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
REPAIR APTS. Cost, $3000
SAN FRANCISCO. No. 2245 Larkin Street.
Repair fire damage to apartments.
Owner—Fred J. Clark, Premises.
Architect—Not Given.
Contractor—J. B. McSheehy, 137 Clifford Terrace, San Francisco.

Contract Awarded
ALTERATIONS Cost, $3900
SAN FRANCISCO. No. 1256 Eighth Avenue.
Alterations to apartments.
Owner—Ethel Krantz, 1256 8th Ave., San Francisco.
Architect—C. McNally, 257 Waller St., San Francisco.
Contractor—C. Lindberg, 1 Naylor St., San Francisco.

June 25, 1935
Contract Awarded.
ALTERATIONS Cost, $2625
BELMONT, San Mateo Co., Cal. El Camino Real.
Alterations and additions to apartments.
Owner—Mucleus Building & Loan Association.
Architect—Not Given.
Contractor——E. Anderson, Mariposa Ave., Mt. View.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO 1205 Willard St
Alterations to apartments.
Owner—Mrs. E. Mooy, premises
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton Street.

3— CHURCHES

Contract Awarded.
CHURCH Cont. Price, $23,300
NORTH SACRAMENTO, Sacramento County, Calif.
One-story reinforced concrete church (to aeat 400) tile roof, gas heating system, etc.
Owner—Roman Catholic Archbishop.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor — Chas. Unger, 2426 7th St., Sacramento.

Preparing Plans.
ADDITION Cost, $2,000
COLUSA, Colusa Co., Calif.
Addition to Sunday School at Saint Stephens Episcopal Church (add 1 large room and kitchen) frame construction.
Owner—Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Bids will be asked about July 15.

Plans Being Figured—Bids Close July 3rd, 2 P. M.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Sutter and Lyon Streets.
Alterations to two 1-story frame cottages for church of St. Cyprian Mission (Colored) new front, plaster exterior, auditorium to seat 100.
Owner—Episcopal Bishop of California.
Architect—Arnold Constable, 580 Market Street.

4— FACTORIES & WAREHOUSES

Contract Awarded.
ALTERATIONS Cost, $2,750
ALAMEDA, Alameda Co., Cal. Buena Vista Ave. near Sherman St.
Alterations to warehouse (office space etc.)
Owner—California Packing Corp., 101 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Monson Bros., 475 6th St. San Francisco.

Low Bidder.
ALTERATIONS Cost, $5000
SAN FRANCISCO. N Folsom St. 125 E Sixth Street.
Alterations to sheet metal shop.
Owner—H. D. Stirm & H. R. Kienck, 980 Folsom St., San Francisco.
Architect—William Henry Rowe, 2044 Bryant St., San Francisco.
Low Bidder—Clinton Constr. Co., 923 Folsom St., San Francisco.

PLANS BEING PREPARED
PHOENIX, Ariz.—Gila Meat Co.; E. D. Reed, president, Phoenix, is having plans prepared for a new packing plant to be erected at Seventh Ave. and Watkins Rd., Phoenix, to replace the plant destroyed by fire May 1. Improvements will include a main processing building and two smoke houses. They will be reinforced concrete structures and will have refrigeration equipment. The plans will be ready for bids about July 1.

Contracts Awarded.
WINERY Cont. Price, $44,093
KINGSBURG, Fresno Co., Cal.
One-story reinforced concrete wine storage building, distillery, fermenting cellar and cement fermenters.
Owner—Muscat Co-Operative Winery Assn. (C. W. Tremper, President).
Architect—E. G. Ernst, 9 W. Cleveland St., Stockton.
Contractor—John C. Meyers, Rt. 1, Box 439, Stockton.
Water System—Wintroat Pump Co., Alhambra.
Well Boring—Herman Nelson, Kingsburg.
Still — Oscar Krenze Co., 612 Bryant St., San Francisco.

CONTRACT AWARDED
HUENEME, Ventura Co., Calif.—A. Schroeder, 300 G St., Oxnard, has been awarded a contract for the erection of a new lemon packing plant in Hueneme for the Oxnard Citrus Association; J. D. McGrath, president; E. A. Hooker, manager. The building will have over 100,000 square feet of floor space and will cost, including equipment, $200,000. Contruction will start Sept. 1.

Bids Opened.
ADDITION Cost, $——
SAN JOSE, Santa Clara Co., Cal. No. 1777 Lafayette St.
One- and three-story and basement extension to present plant (60x100 feet) rustic exterior, etc.
Owner—Walnut Growers Association, Premises.
Engineer—William Lotz, 35 W. San Carlos St., San Jose.
Low Bidder—Frank Neves, 891 Harrison St., Santa Clara.
Complete bids follows. All bidders of San Jose unless otherwise noted:

Frank Neves, Santa Clara	$10,894
Carl N. Swenson	12,274
N. J. Nielsen	12,428
Guy M. Latta	12,442
Earl Heple	12,748
M. W. Reese	13,300
Wm. Caldwell	14,466
J. Newell	14,744

Bids held under advisement.

FIRE LOSS
STOCKTON, San Joaquin Co., Cal.—Fire destroyed the Taylor Milling Co., located on West Weber Avenue, June 25. Damage estimated at $400,000.
It is planned to rebuild in the near future and further details will be announced in about one week.

Contract Awarded.
BOTTLING PLANT Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. Eleventh and Q Sts. (100x160 ft.)
One-story brick bottling plant.
Owner — Golden State Soda Works, 1715 15th St., Sacramento.
Plans by J. A. Saunders.
Contractor—J. A. Saunders, 1045 45th St., Sacramento.

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO. W Twenty-fifth Ave. 254 N Fulton St.
Two-story and basement frame and stucco flats.
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1333 Washington.
Alterations to flats.
Owner—Mrs. Claire E. Prentice.
Architect—Not Given.
Contractor—J. A. Tassi, 268 Market Street.

Contract Awarded
FLATS Cost, $10,184
BURLINGAME, San Mateo Co., Cal. Burlingame Terrace.
Two - story and basement frame and stucco flats.
Owner—Margaret Carles.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Thos. N. Gesso, 1201 Vancouver Ave., Burlingame.

6—GARAGES & SERVICE STATIONS

Bids In—Under Advisement.
SERVICE STATION Cost, $5,000
BERKELEY, Alameda Co., Cal. Adeline and Grove Streets.
Steel service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.

BIDS OPENED

SAN FRANCISCO—O. Moneon, 475 5th St., at $2457 submitted low bid to Dept. of Public Works for the construction of a brick garage at San Jose and Palmetto Aves. Complete bids follow:

O. Monson	$2457
DeLuca & Son	2518
I. Harold Johnson	2557
C. L. Wold	2787
Fred DuPuy	2797
F. C. Amoroso	2998
Frank J. Reilly	3171
M. E. Vukicevich	3227
A. Nelson, Inc.	3398
R. S. Silverberg	3579

Bids held under advisement.

Plans Completed.

SERVICE STATION Cost, $7,000
SAN FRANCISCO. NE Third and Berry Streets.
Class A service station.
Owner—Standard Oil Co., 225 Bush.
Plans by Engineering Dept. of Owner.

Planned.

BUILDING Cost, $——
CARMEL, Monterey Co., Cal. NW Seventh and San Carlos Streets.
New automobile agency building and service station.
Owner—Fred Leidig, Carmel.
Architect—Not Given.

Contract Awarded

SERVICE STATION Cost, $3,000
LIVERMORE, Alameda Co., Calif.
Steel service station.
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.

Sub-Contracts Awarded.

SERVICE STATION Cost, $5000
SAN FRANCISCO. SW Silver Avenue and Mission Street.
One - story steel service station and rest rooms.
Owner—Sophie Rosenblum.
Lessee—Richfield Oil Company.
Plans by Engineering Dept. of Lessee.
Contractor — Fred J. Early, Jr., 369 Pine Street.
Electric—Collonan Electric Co., 3201 Misison Street.
Plumbing—Scott Co., 243 Minna St.
As previously reported, Steel Bldg. awarded to G. T. Gettins, 830 Market St.

Sub-Contracts Awarded.

SERVICE STATION Cost, $10,000
SAN FRANCISCO. Tenth and Mission Streets.
Steel service station.
Owner—nUion Oil Co., 220 Montgomery Street.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early, Jr., 369 Pine Street.
Excavation—Sibley Grading & Teaming Co., 165 Landers Street.
Electric—Collonan Electric Co., 3201 Mission Street.

Plans Completed.

SAN FRANCISCO. SW Pacific and Polk Streets.
One-story Class C service station.
Owner — General Petroleum Corp., Pier and Ferry Sts., Oakland.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

CONTRACT AWARDED

FORT MASON, Calif.—Thor Pacific Co., 739 Bryant St., at $198.75, 1% 10 days, awarded contract by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-286, Req. No. CCC 311, Memo 6767, for furnishing one electrical washing machine, cylindrical type, inside cylinder not less than 20x24-in. long.

Hurley Machine Co., Chicago, Ill., at $197.50 delivered at Fort Mason, submitted the only other bid.

Bid Opening Date Postponed Until July 24, 1 P. M.

POST OFFICE Cost, $63,200
SOUTH PASADENA, Los Angeles Co.
One-story U. S. post office building.
Owner—United State Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Plans and specifications may be obtaiend from above office. No deposit required for one set.
On previous bid opening lowest bid was submitted by L. F. Dow Co., Los Angeles.

BIDS REJECTED

SAWTELLE, Los Angeles Co., Cal. — Veterans' Administration rejected all bids received May 21 for furnishing and installing metal cubicle partitions in Bldgs. Nos. 162 and 164 at the Veterans' Administration Facility Sawtelle; Project No. 992. A. J. Bayer Co. submitted the low bid at $6,-990.

Bids Wanted—To Close July 25, 1:00 P. M.

MINT Cost, $1,225,000
SAN FRANCISCO. Duboce Avenue, Herman, Buchanan and Webster Streets.
Four-story reinforced concrete mint (may have granite base).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

Bids Wanted—To Close July 29.

POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
Three-story and basement Post Office building (80x83 feet).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

CONTRACT AWARDED

PENDLETON, Ore.—L. J. McAtee, Pendleton, at $3881 awarded contract by Treasury Department for interior painting of the U. S. Post Office at Pendleton.

BIDS WANTED

DENVER, Colo.—Until July 22, 1 P. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for extending and remodeling steel vault entrances of the United States Mint at Denver. Plans may be obtained by general contractors from the Treasury Department in Washington; no deposit required.

BID OPENING DATE POSTPONED

PORTLAND, Ore. — Until July 16, 2:30 P. M. (date postponed from June 4) bids will be received by the Veterans' Administration, Arlington Bldg. Washington, D. C., for constructing alterations to elevator in Building No. 4 at the Veterans Administration Facility at Portland.

BUILDING MATERIALS APPROVED

SAN MATEO, Calif.—Treasury Department approved following building materials for the construction of the U. S. Post Office at San Mateo. Frank J. Reilly, 6350 Fulton St., San Francisco, general contractor:

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountains, Halsey-Taylor Co.; indirect water heater, American Radiator Co.; water supply pipe, Republic Steel Corp.; nonconducting covering for plumbing, Carey Asbestos Co.; boilers, Ideal-American Radiator Co.; tube and wall radiators, American Radiator Co.; nonconducting covering for heating, Carey Asbestos Co.; angle radiator valves, Milwaukee Valve Co.; air valves for radiators and air valves for ends of steam mains, American Radiator Co.; combination oil and gas burner, S. T. Johnson Co.; water softener, Permutit Co.; lighting distribution panel and lighting service entrance switch, Bull Dog Electric Products Co.; rubber-covered wire, Circle Flexible Conduit Co.; receptacles and flush switches, Arrow Co.; pendant switches, Pass & Seymour; glassware, Gill Glass Co. and Moe - Bridges Co.; lighting fixtures, Perfecilte Co.

SUB-BIDS WANTED.

SAN PEDRO, Los Angeles Co., Cal. —A. A. Thomas, U. S. Fidelity and Guarantee Co., 340 Pine Street, San Francisco, desires sub - bids on all portions of the work for the construction of the U. S. post office building at San Pedro, for which bids will be opened on July 5, 1 P. M., in Washington, D. C.

BUILDING MATERIALS APPROVED

SAN FRANCISCO. — Treasury Department has approved the following building materials for construction of the plague laboratory in San Francisco M. E. Vukicevich, general contractor:

Nonconducting covering for heating and plumbing, Plant Rubber and Asbestos W'ks; angle radiator valves Hoffman Specialty Co.; lighting distribution panel, Meyer Safety Switch Co.; rubber - covered wire, Collyer Wire Mfg. Co.; flush switches, Bryant Electric Mfg. Co.

BIDS OPENED

SAN FRANCISCO — Lindgren & Swinerton, 225 Bush St., at $10,650 submitted low bid to Custodian, U. S. Post Office, San Francisco, for remodeling the granite base at the Post Office Building, Seventh and Mission Streets. Complete bids follow:

Lindgren & Swinerton	$10.650
Barrett & Hilp	10,797
Frank J. Reilly	11,171
Thomas M. Jones	11,293
Nick Hemminga	11,300
California Cut Stone & Granite Company	13,250

Bids referred to Washington for award.

Bid Opening Date Postponed Until July 24, 1 P. M.

POST OFFICE Cost, $568,840
SAN PEDRO, Los Angeles Co., Cal.
Beacon St., met. 8th and 9th Stts.
Three-story and basement Class A Post Office building (250x100 feet) to house Post Office, Customs Department, immigration and public health service, shipping commission and hydrographic offices.
Owner—United States Government.
Architect—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, and W. Horace Austin, 532 Chestnut Ave., Long Beach.
Plans and specifications may be obtained from above office.
Date was previously set for July 5, 1 P. M.

Bids Wanted—To Close July 30, 1:00 P. M.

POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

8— CLUB BUILDINGS

Sub-Contracts Awarded.
CLUBHOUSE Cost, $35,000
SAN FRANCISCO. E Buchanan St. 100 S Geary Street.
Two-story and basement frame and stucco clubhouse (tile and composition roofing, steam heating system, wood and linoleum floors, gymnasium to have hardwood floors, etc.) provision made to add swimming pool at later date.
Owner—Japanese Y. M. C. A.
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.
Plumbing and Heating—Jas. Pinkerton, 927 Howard Street.
Electric—Decker Electric Co., 538 Bryant Street.
Lumber—J. H. McCallum, Bryant and Oakgrove Streets.

9— HOSPITALS

June 21, 1935

Plans Being Revised.
WARD ADDITION Cost, $20,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition at the County Hospital (22 bed unit), composition roof, wood floors, steam heating system to connect to central heating plant, etc.
Owner—County of Monterey.
Architect—Charles Butner, 51 Mapla St., Salinas.
New bids will be asked in about thirty days.
On previous bid opening lowest bid was submitted by Coolidge & Hughes, Salinas, at $20,380.

CONTRACT AWARDED
SAN FRANCISCO.—R. S. Silverberg, 405 Montgomery St., at $163.50 awarded contract by Treasury Department for installing flashing windows, waterproofing, etc., on the west enclosed portico of nurses' quarters at the Marine Hospital, 14th Avenue and Lake St.

BIDS OPENED
CAMARILLO, Ventura Co., Calif.—C. C. Moore & Co., 450 Mission St., San Francisco, at $9,267 submitted low bid to the Department of Public Works, Sacramento, for furnishing and installing water softeners in boiler plant building at the Camarillo State Hospital.
Complete bids follow:
C. C. Moore & Co., S. F. ..... $ 9,267
Paddock Engr. Co., L. A. 9,875
A. LoPrest, San Francisco 10,100
Permutit Co., Los Angeles 10,105
California Filter Co., S. F. 11,194
Bids held under advisement.

Plans Being Completed.
HOSPITAL Cost, $60,000
NEVADA CITY, Nevada Co., Cal.
Men's ward to accommodate 22 and women's building to accommodate 40; concrete walls, tile roof, steam heating system, steel sash, wood and linoleum floors, etc.
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Final plans will be submitted to the Board of Supervisors on July 2 for approval.
Labor will probably be furnished by the SERA.

Preparing Working Drawings.
ADDITION Cost, $32,000
AUBURN, Placer Co., Cal.
One-story reinforced concrete ward addition to county hospital (80-bed ward); composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked shortly.

Plans Being Prepared.
IMPROVE HOSPITAL $72,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition (22 bed unit) barracks building to accommodate 50; 20,000 gallon steel tower; new well, etc; buildings will have composition roof, wood floors, steam heating system to connect to main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St. Salinas.
Application filed with PWA for a grant to assist financing work.

Preparing Preliminary Plans.
HOSPITAL Cost, $100,000
RED BLUFF, Tehama Co., Calif.
One- and two-story reinforced concrete hospital (100 beds).
Owner—County of Tehama.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

10— HOTELS

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 429 Bush St.
Alterations to hotel.
Owner—The Lurie Co., 333 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Paul K. Jones, 666 Mission St., San Francisco.

Construction Postponed Indefinitely.
ALTERATIONS, ETC. Cost, $8,000
SANTA CRUZ, Santa Cruz Co., Calif. 131 Pacific Avenue.
Alterations to hotel (new cocktail lounge in patio) new bar, plumbing, heating, wiring, plastering, mirrors, etc.; Spanish style.
Owner—Palamar Hotel Company.
Architect—S. Heiman, 605 Market St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Prepared.
MEMORIAL BLDG. Cost, $25,000
TUOLUMNE, Tuolumne Co., Calif.
One-story brick and concrete memorial building (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Application has been filed with the PWA for funds to finance the project.

Planned
LIBRARY Cost, $30,000
CHICO, Butte Co., Calif.
New library building.
Owner—City of Chico.
Architect—Not Given.
Application will be filed with the PWA for funds to finance the project.

Contracts Awarded.
ADDITION Cost, $30,000
ROSEVILLE, Placer Co., Calif.
Alterations and additions to City Hall (concrete new wing and remodel present building).
Owner—City of Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Mgr. of Const.—C. W. Wilke, Roseville.
Sheet Metal—Frank C. Ahl, 2116 "P" St., Sacramento, $329.
Building Paper and Insulation—Diamond Match Co., Roseville $455.63
Lath and Plaster—Sterling Lbr. Co., Roseville, $1,572.49.
Vault Door—Hermann Safe Co., 200 Howard St., San Francisco, $736.
Mill Work—O. A. McAlpin, Roseville, $1,456.
Ornamental Iron—Alling Iron Company, 5th and X Sts., Sacramento $566.
Tile Work—H. B. Fisher, $89.
Finish Hardware—Sterling Lbr. Co., Roseville, $449.10.
Heating—Crane & Co., San Francisco $1,649.84.
Painting—Wolf and Royer, Roseville, $163.75.
Composition Roofing—Wolf & Royer, Roseville, $128.81.
Tile Roofing—W. J. Anderson, 3825 Army St., San Francisco, $85.
Following bids were rejected and materials will be purchased in the open market:
Plumbing, electrical materials and linoleum.
Bids on blinds and shades were rejected but no order issued to buy in the open market.

Planned.
ADDITION Cost, $18,000
WOODLAND, Yolo Co., Cal.
Addition to City Hall (frame & stucco construction).
Owner—City of Woodland.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Application will be filed with the SERA to furnish labor for the proposed work.

CONTRACT AWARDED
SAN FRANCISCO—American Bldg. Maintenance Co., 467 O'Farrell Street at $2,698 awarded contract by the Department of Public Works, City Hall, for exterior and interior painting at the Public Library.
Complete bids published June 20.

Preparing Preliminary Plans.
COURTHOUSE Cost, $300,000
SALINAS, Monterey Co., Calif. Site to be Selected.
New County Courthouse.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas, and Robert Stanton, Carmel.
Application will be filed with PWA for funds to finance the project. If approved, a bond election will probably be held August 13.

BID OPENING POSTPONED
BERKELEY, Alameda Co., Calif.—Until July 5, 11 A. M., (date postponed from June 27, previously reported) bids will be received by the Regents of the University of California for an installation of library stacks and flooring on part of the eighth tier, southwest block of stacks at the University Library, University of California, Berkeley
Plans and specifications may be obtained from Cashier's Window No. 1, California Hall, University of California, Berkeley, upon deposit of $10.00.

CONTRACT AWARDED
SAN FRANCISCO.—J. W. Bender Roofing Co., 1999 Bryant Street, at $488 awarded contract by Department of Public Works for repairing roof of the public library, Civic Center.

CONTRACT AWARDED
OAKLAND, Cal. — Johns-Manville Co., 159 New Montgomery St., San Francisco, at $1845 awarded contract by the Oakland City Council, W. D. Chappell, City Clerk, for furnishing and installing acoustical material in operating room for Fire Alarm Central Station. Complete bids follow: Johns-Manville Co., San Francisco, $1845.

Western Asbestos Co., San Francisco, $1960.
M. L. Cramer, San Francisco, $2045.
Jones Bros., Asbestos Co., San Francisco (bid illegal), $1129.

Planned.
ADDITION Cost, $220,000
STOCKTON, San Joaquin Co., Calif.
Five-story addition to county courthouse (new jail, hall of records, kitchen, new steam heating plant in basement, etc.)
Owner—County of San Joaquin.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Proposed building is in a very preliminary stage and construction will probably not go ahead for at least a year.

Plans Completed.
LIBRARY Cost, $40,000
CHICO, Butte Co., Calif.
One-story reinforced concrete library (tile roof, steel sash, etc.)
Owner—City of Chico.
Architect—Chester Cole, Chico.
Application will be filed with PWA for funds to finance project.

Preparing Working Drawings.
MEMORIAL BLDG. Cost, $25,000
TUOLUMNE, Tuolumne Co., Calif.
One - story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Application filed with the PWA for funds to finance project.

CONTRACT AWARDED
SAN QUENTIN, Marin Co., Cal.—H. P. Fischer Tile & Marble Co., 1219 I St., Sacramento, at $888 awarded contract by Department of Public Works, for tile work at the State Penitentiary, San Quentin.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 6501 Longwalk Drive.
Two-story frame and stucco residence (5 rooms).
Owner — Reliable Homes, Inc., 1733 Seminary Ave., Oakland.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland.
Contractor—W. H. Robson, 708 11th St., Oakland.

Plans Being Completed.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Calif. Black Mountain Road.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) French Manor type, shingle roof, gas heating system, hardwood floors, canvas walls, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked about July 1.

Contract Awarded
ALTERATIONS Cost, $3,000
OAKLAND, Alameda Co., Calif. 561 38th Street.
Alterations to residence and 1-story garage.
Owner—Frederick Lee, premises.
Architect—Not Given.
Contractor—Joe Villa, 1207 Solano Avenue, Albany.

Preparing Preliminary Plans.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Calif. Las Canada Road.
Two-story residence (siding and brick exterior, probably shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.)
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Plans Being Figured—Bids Close July 1st.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Calif.
Two - story and basement frame and brick veneer residence (10 rooms, 8 baths) Monterey-Colonial type, shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Following will submit bids:
Oscar Cavanagh, 432 Occidental Avenue, San Mateo.
Lengfeld & Olund, 220 Third Ave., San Mateo.
Carl Bessett, 826 Walnut Ave., Burlingame.

Plans Being Figured—Bids Close July 11, 6 P. M.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal.
Two-story frame residence (California Colonial style) 2 rooms and 4 baths; cedar shingle roof, gas hot air heating system, hardwoood floors, tile baths, wood sash, etc.
Owner—Wallace E. Breuner.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids are being received from a selected list of contractors only.

Plans Being Completed.
RESIDENCE Cost, $4000
SAN FRANCISCO. Twenty-eighth Street near Noe.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, canvas walls, tile bath, hardwood floors, wood sash, etc.
Owner and Builder—Gust. L. Peterson, 4386 26th St., San Francisco.
Architect—D. E. Jaekle, 126 Post St. San Francisco.
Sub-bids will be taken within a few days.

Sub-Contracts Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Lansdale Avenue, Sherwood Forest Tract.
Two - story and basement frame and stucco residence (ten rooms) tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Albert M. Vollmer.
Architect—Miller and Pflueger, 580 Market Street.
Contractor—G. P. W. Jensen, 320 Market Street.
Plumbing—Scott Co., 243 Minna St.
Furnace—Howe Furnace Co., 2222 Bush Street.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets.
As previously reported, concrete and grading awarded to Louis Sartorio, 2627 Lombard Street.

Contract Awarded.
RESIDENCE Cost, $5434
SAUSALITO, Marin Co., Cal.
Two-story and basement frame and stucco residence.
Owner—Joseph Wright, Sausalito.
Architect—Carl Gellfuss, 1095 Market St., San Francisco.
Contractor — Albert W. Teather, 405 Cazaneau St., Sausalito.

Contract Awarded
RESIDENCE Cost, $3,700
OAKLAND, 2001 Tiffin Road.
One-story 5-room residence.
Owner—George Duckworth, 2001 Tiffin Road, Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—A. P. Anderson, 2024 22nd Ave., Oakland.

Contract To Be Awarded.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. Sea View Avenue.
Two - story and basement frame and stuco residence (7 rooms).
Owner—A. Edwards.
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 681 Apgar Street.
Two-story frame and stucco residence (9 rooms).
Owner—J. Merlino, 679 Apgar Street, Oakland.
Architect—Not Given.
Contractor — Webb and Whalin, 2930 22nd Ave., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1,000
SAN FRANCISCO. S Francisco 93 E Broderick Street.
Alterations to residence.
Owner—Mrs. M. Stone, Premises.
Architect—Not Given.
Contractor—Sbarboro and Jorgensen, 2225 North Point St.

Sub-Contract Awarded.
RESIDENCE Cost, $7579
ATHERTON, San Mateo Co., Calif. Selby Tract.
Two-story frame and stucco residence.
Owner — Henry E. Keyes, 950 Fifth Ave., San Mateo.
Architect—Not Given.
Contractor—J. H. Stedman, 151 Santa Rita St., Palo Alto.
Roofing — Marshall Shingle Co., 3729 Telegraph Ave., Oakland.
Plumbing—Ural Williams, Palo Alto.
Heating and Sheet Metal—Geo. Mead, Mayfield.
Tile Work—Palo Alto Tile Co., Palo Alto.
Concrete—B. C. Hooker, Palo Alto.
Steel Sash—M. Arthur, Palo Alto.
Hardwood Floors — H. L. Heilburg, Redwood City.
Lumber — Merner Lumber Co., Palo Alto.
Grading—Nels Johnson, Palo Alto.
Foundation—B. C. Hooker, Palo Alto.

Contract Awarded.
RESIDENCES Cost, $4000 each
SAN RAFAEL, Marin Co., Cal. Marinita Park.
Two one-story frame and stucco residences.
Owner—Jacob Albert, San Rafael.
Architect—Not Given.
Contractor — Leibert & Trobock, Albert Bldg., San Rafael.

Contract Awarded.
ALTERATIONS Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 713 Santa Ynez Ave. (Campus of Stanford University).
Alterations to sorority house.
Owner—Gamma Phi Beta.
Architect—Not Given
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 971 Pearl Street.
Two-story frame and stucco residence (six rooms).
Owner—H. J. Kihn, 1407 Page Street, Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1242 Broadway, Alameda.

Contract Awarded.
RESIDENCE Cost, $2,500
WOODSIDE, San Mateo Co., Calif. Canada Road.
One-story frame residence.
Owner—F. Romero, 1681 B St., Woodside.
Architect—Not Given.
Contractor—R. D. Squires, San Benito Ave., Atherton.

Plans Being Completed.
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and stucco residence
Owner—Frank Dutra.
Architect—Ray Keefer, 770 Wesley, Oakland.

Contract Awarded.
RESIDENCE Cost, $9,000
SAN FRANCISCO, San Pablo Street near Yerba Buena Avenue.
Two-story frame and stucco residence (7 rooms and 2 baths) tile roof, gas hot air heating system, wood and steel sash, hardwood floors, tile baths, etc.
Owner—Mrs. H. B. King.
Architect—M. J. Rist, Phelan Bldg.
Contractor—A. J. Wilbe, 318 Kearny.

Plans Being Refigured.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two - story and basement frame and stucco residence.
Owner—Matthew Wahraftig.
Architects—H. A. Schary, 605 Market St. and W. I. Garren, 233 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 37 Hillwood Place.
Two-story frame and stucco residence (7 rooms).
Owner—L. L. Westling, 801 Wesley Ave., Oakland.
Architect—Not Given.
Contractor — George Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. No. 1633 Curtis Street.
One-story frame residence (5 rooms).
Owner—Victor Conti, Premises.
Architect—Not Given.
Contractor—John Taramia, 827 Madison St., Albany.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. No. 6015-17-19-21 Shafter Avenue.
One-story frame and stucco residence (13 rooms).
Owner—Leon H. Woolsey, 6001 Broadway, Oakland.
Architect—Not Given.
Contractor—Dildine & McKibben, 350 63rd St., Oakland.

Preparing Working Drawings.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Bowling Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. C. Cheek.
Architect — Roland I. Stringham, 525 Market St., San Francisco.
Bids will not be asked for at least six weeks.

Contract Awarded.
RESIDENCE Cont. Price, $26,484
BERKELEY, Alameda Co., Cal. Piedmont Pines 77 Bowling Drive.
Two - story and basement frame and stucco residence (12 rooms and 3 baths).
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor—Harold Paige, 5651 Oak Grove St., Piedmont.
(6563) 1st report April 11, 1935. 14
Owner—Grace Busche, 359 Perry St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. 1342 Third Avenue.
One - story and basement frame and stucco residence.
Owner—E. W. Plachett, 4820 Seventh Ave., Sacramento.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,000
SAN FRANCISCO. Twenty-second Ave. and Moraga Street.
One-story and basement frame and stucco residence (six rooms) tile and composition roofing, wood sash, tile bath, hardwood floors, etc.
Owner & Builder—John Carlson, 2239 Bryant St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Owner Taking Bids.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Monterey Heights. Fernwood and Homewood Sts.
Cape Cod, Early California and Colonial type two - story frame and stucco residences (6 rooms, two baths, plank floors, fireplaces, composition shingle roofs, gas-fired hot-air furnace.)
Owner—P. A. Wolter, Jr., 201 Yerba Buena Ave.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo
Owner will take bids from sub-contractors on all portions of the work commencing Monday, June 24, between the hours of 1 and 5 P. M. Three houses are to be built immediately aid plans are for immediate development of tract with 25 or more of similar design.

Contract Awarded.
ALTERATIONS Cost, $18,300
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations to sorority house (stucco extrior, plumbing, painting, wiring, etc.)
Owner—Delta Gamma, 544 Lasuen St., Stanford University, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.

Plans Being Revised.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame residence (California-Colonial style).
Owner—Boyce Clark.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
New bids will be asked at a later date.

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, oil heating system, tile baths, steel sash, hardwood floors, etc.
Owner—Frank Dutra.
Architect—Ray Keefer, 770 Wesley St. Oakland.
Contractor—C. E. Bardwell Jr., 794 Calmar St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $5,378
STOCKTON, San Joaquin Co., Calif. Oxford Manor.
Two - story frame and stucco model home (6 rooms, one bath) shingle roof, gas furnace, tile bath, hardwood floors, steel sash, etc.
Owner—Better Housing Campaign Committee.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Contractor—C. Elves Totten, 404 East Harding St., Stockton.
Roofing—Stockton Roofing Co., 736 N Hunter St., Stockton.
Plumbing—B. F. Schirle, 535 N Edison St., Stockton.
Electric Wiring—Home Wiring Company, 522 E Washington Street, Stockton.
Heating and Sheet Metal—Home Wiring Company.
Tile Work—Sanberg Tile Co., 1846 Mt. Diablo Ave., Stockton.
Steel Sash—Walter Zerwick, 517 E. Channel St., Stockton.
Hardwood Floors—McLean Co., 108 N Sutter St., Stockton.
Lumber — Diamond Match Co., Fremont and Stockton Ave., Stockton.
Hardware—Turner Hardware & Implement Co., 24 N. American Ave., Stockton.
Lathing and Plastering — L. Crispen, Sinclair Ave., Stockton.
Finish Materials—Alpine Mill & Mfg. Co., 3411 N Sutter St., Stockton.
Ornamental Iron—Schaffer Iron Wks, 830 South Ophir, Stockton.

Owner Taking Bids.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms).
Owner—Syndicate Idora, Bank of America Bldg., Oakland.
Architect —Fred Reimers, 233 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story frame residence (10 rooms and 4 baths) French style; shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—W. C. Morsehead.
Architect — W. B. Farlow, 1478 16th Ave., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Construction Postponed Indefinitely.
RESIDENCE Cost, $5,500
SALINAS, Monterey Co., Cal. Maple Park.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floor, tile bath, etc.
Owner—Mr. Foust.
Architect—Chas. Butner, 51 Maple St., Salinas.

Contract Awarded.
ALTERATIONS Cost, $4,000
BERKELEY, Alameda Co., Cal. 2138 Kittridge.
Alterations to residence.
Owner—M. Taylor, Premises.
Architect—Not Given.
Contractor—Victor Carlsen, 3021 Deakin, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 15 Elston Court.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Owner Taking Segregated Bids.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Twenty-second Ave. N Riveria St.
Fifteen one-story and basement frame

and stucco residences (6 rooms each) tile, composition, shake and shingle roofs, wood sash, hardwood floors, gas hot air heating system, canvas walls, etc.
Owner and Builder — S. Young, 117 Montgomery St., San Francisco.
Architect — C. O. Clausen, 716 46th Ave., San Francisco.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
One-story rustic residence (7 rooms, 2 baths; 3-car garage) shake roof, oil heating system, tile baths, hardwood floors, wood sash.
Owner—W. H. Mocbus.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Announcement will be made within a few days.

Bids Rejected.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (8 rooms and 2 baths) tile roof, hardwood floors, gas hot air heating system, tile baths, steel sash, etc.
Owner—Mr. Carmichael, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Plans will be revised and new bids asked shortly.

Plans Being Figured.
RESIDENCE Cost, $5,000
MERIDIAN, Colusa Co., Calif.
One - story wood frame residence (board and batten exterior, shake roof, oil burning heating system).
Owner—George Tarke.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Bids will be received by the owner. Moore & Roberts, 693 Mission St., San Francisco, is figuring the plans.

Plans Being Figured—Bids Close July 8th, 2 P. M.
RESIDENCE Cost, $4,500
SAN CARLOS, San Mateo Co., Calif.
One - story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Otto and Anna Schmitt.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.

Plans Being Prepared.
BEACH HOUSE Cost, $——
APTOS, Santa Cruz Co., Calif.
Two-story frame beach house (eight rooms, four baths).
Owner—Winston Cowgill.
Architect—W. W. Wurster, 260 California St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,300
REDWOOD CITY, San Mateo County, Calif. 117 Hudson Street.
One-story frame and stucco residence.
Owner—Paul A. McCarthy, 789 Hopkins St., Redwood City.
Architect—Henry C. Collins, Deckeroak Bldg., Palo Alto.
Contractor—L. N. Pollard, 55 Brewster St., Redwood City.

To Be Done By Day's Work.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Calif. 2941 75th Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder — Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2759 East 23rd Street.
One-story frame and stucco residence (six rooms).
Owner—H. A. Pleitner, 4021 E 14th St., Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Three - story frame and stuco residence (18 rooms, 7 baths) shingle tile roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Bartlett B. Heard.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Walter Sorensen, 2940 Piedmont Ave., Berkeley.
Excavation—J. Catucci, 1212 18th Ave. Oakland.
Plumbing—Jevons Plumbing Co., 1514 University Ave., Berkeley.
Mill Work—Pacific Mfg. Co., Santa Clara.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley.

Contract Awarded
REPAIRS Cost, $1,500
ALAMEDA, Alameda Co., Calif. 1443 St. Charles Street.
Repair fire damage to frame residence
Owner—Elizabeth Hult, 1443 Saint Charles St., Alameda.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 354 Hobart St., Oakland.

Contract Awarded
RESIDENCE Cost. $3,500
ALAMEDA, Alameda Co., Calif. 433 Lincoln Avenue.
One-story frame, stucco and rustic residence (5 rooms).
Owner—Dominco Perino, 433 Lincoln Ave., Alameda.
Architect—Not Given.
Contractor—Melrose Builder, 1700 47th Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal. 155 Dana Avenue.
Two-story brick residence.
Owner—Geo. Paddleford, 1753 Cowper Ave., Palo Alto.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
WOODLAND, Yolo Co., Cal. S. Pendergast St., bet. College and Elm.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, harwdood floors, tile baths, wood sash, etc.
Owner — Woodland Better Housing Committee.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Low Bidder.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two-story and basement frame and stucco residence.
Owner—Matthew Wahraftig.
Architects—H. A. Schary, 605 Market St. and W. I. Garren, 233 Post St., San Francisco.
Low Bidder—George Maurer, 50 York Drive, Piedmont.

Plans Being Completed.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residenee
Owner—Mr. Offord.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Bids will be asked about July 1.

Contract Awarded
RESIDENCE Cost, $5,75[illegible]
BERKELEY, Alameda Co., Cal. San Lorenzo Street.
One - story and basement frame and stucco residence (5 rooms) wood shingle roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—S. W. Gibbs.
Architect—Theo. G. Ruegg, 1515 Tyler St., Berkeley.
Contractor—J. P. Brass, 4050 Maple Ave., Oakland.

Sub-Contracts Awarded.
ADDITION Cost, $2500
ROSS, Marin Co., Cal. Wordsworth Avenue.
Addition to residence (new garage with servants' quarters above, etc.)
Owner—Russell Smith.
Plans by L. J. Hendy, Capital Co., 625 Market St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Plumbing—J. Duggan, San Rafael.
Painting — Herbert Tattersfield, 132 Commonwealth Ave., S. F.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Mill Work—Brannan Street Planing 560 Brannan St., San Francisco.

15— SCHOOLS

Bids Opened.
REPAIR SCHOOL Cost,$——
SAN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low bidders were:
General Work—C. L. Wold, 4412 Fulton St., $41,877.
Brick Work—J. L. Collins, 666 Mission St., $6495.
Structural Steel and Iron—Fair Mfg. Co., 617 Bryant St., $4790.
Complete bids follow:

General Work

C. L. Wold	$41,877
O. Monson	42,740
F. C. Amoroso & Sons	51,270

Brick Work

(1) add; (2) deduct	Unit Price
J. L. Collins	$6495.00
	(1) 4.00
	(2) .....
White & Gloor	6767.00
	(1) 4.50
	(2) 2.99
Wm. A. Rainey & Son	6975.00
	(1) 4.50
	(2) ..
Emil Hogberg	7390.00
	(1) 4.00
	(2) 3.25

Structural Steel and Iron

Fair Manufacturing Co.	$4790
Golden Gate Iron Works	4900
Judson Pacific Co.	6642
Schrader Iron Works	6930

Bids held under advisement.

BIDS WANTED
PASADENA, Los Angeles Co., Cal. —Until July 9, 11:00 A. M., bids will be received by Pasadena Board of Education for the construction of the primary buildings and assembly building at the Thomas Jefferson Elementary School, located on Villa St., bet. Sierra Bonita and Hamilton Aves., a PWA project. Plans and specifications may be obtained at 320 E. Walnut St., Pasadena, upon deposit of

$25. Marston & Maybury, 25 S. Euclid Ave., Pasadena, Architects

BIDS WANTED

LOS ANGELES, Cal.—Until July 10, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for construction of 16 frame and stucco bungalows and a stucco craft building at 1650 Selby Ave., West Los Angeles. Cost, $70,000.

To Seek Funds

HIGH SCHOOL Cost, $700,000
SACRAMENTO, Sacramento Co., Cal.
Southeastern section of city.
Construct new high school.
Owner—Sacramento School District.
Architect—Starks & Flanders, Forum Building, Sacramento.
Application will be filed with PWA for funds in the amount of $700,000 to finance the proposed project.

Preparing Working Drawings.

GYMNASIUM Cost, $45,000
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School District.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Application filed with the PWA for funds to finance project.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $4400 awarded contract by Watsonville Union High School District for furnishing and erecting structural steel fod strengthening the new high school building in Watsonville.
W. H. Weeks, 525 Market Street, San Francisco, architect.

Preparing Working Drawings.

GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Calif.
One-story steel concrete gymnasium.
Owner—Auburn School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

BOND ELECTION

TULARE, Cal.—Tulare High School District will vote on July 25 on a proposal to issue bonds in amount of $90,000, proceeds to finance construction of two new classroom buildings and repairs to the gymnasium.

Preparing Working Drawings.

IMPROVE SCHOOL Cosa, $——
KING CITY, Monterey Co., Cal.
Structural change and improvements to grammar school.
Owner—King City Grammar School District.
Architect — Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Contract Awarded.

ADDITION Cont. Price, $10,600
BRENTWOOD, Contra Costa Co., Cal.
Brick addition to grammar School (add two classrooms).
Owner—Brentwood-Deer Valley Grammar School District.
Architect—F. L. Reimers, 233 Post St., San Francisco.
Contractor—Victor A. Kaufenberg, 80 E 5th St., Pittsburg.
Complete bids follow:

Victor A. Kaufenberg, Pittsburg	$10,600
Carl Nelson, Stockton	10,799
L. Ubels, Ripon	11,150
John E. Branagh, Oakland	11,492
C. M. Norgrove, Berkeley	11,575
Silno Bros., Pittsburg	12,978
Joseph Cesa, Antioch	13,600

Plans Being Completed.

SCHOOL Cost, $16,000
AUBURN, Placer Co., Calif.
One-story frame grammar school addition (six classrooms) rustic exterior.
Owner — Auburn Union Grammar School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.

Plans Being Completed.

IMPROVE SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
Structural changes to domestic science building of the Salinas Union High School (1st unit).
Owner — Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St. Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be forwarded to State Division of Architecture, Sacramento, for approval within one week.

BIDS WANTED

ANTIOCH Contra Costa Co., Cal.—Until July 24, 8 P. M., bids will be received by H. F. Hunnell, Clerk, Antioch-Live Oak Union School Dist., 321 Fourth St., Antioch, for the following work at the Antioch schools:

1. Replace piping system of heating plant in Antioch grammar school. Work to be done in accordance with plans and specifications prepared by Albert Coddington, which may be obtained from the Clerk of the Board. Bids must be accompanied by a certified check in the amount of 10% of the bid, made payable to the Clerk.
2. Resurfacing court of the grammar school, about 22,500 sq. ft., and the playground of the primary school, about 20,000 sq. ft. Surface to be 1½ inches thick, of material similar to that used in street repair. For further details see J. N. Christian, 201 Sixth St., Antioch.
3. Extend surfaced area of grammar school playground, using rock and dust similar to that in the present finished playground. Area to be finished about 200x200 sq. ft. northeast of building. Also lay a gravel walk 6-ft. wide along the line of posts west of the building to F Street. For further details see J. N. Christian.
4. Supply and erect a steel wire fence along the east side of the grammar school playground from the high school line to 13th St., approximately 570 ft. Fence to be 6-ft. high, No. 9 gauge wire, 2-in. mesh of Keystone, Cyclone, Pittsburgh or other standard make. For further details see Mr. Christian.

These four jobs are each separate and distinct. A contractor may bid on any one or all of them as he sees fit. All work must be completed by August 31, 1935.

Planned

SCHOOL Cost, $——
TULELAKE, Siskiyou Co., Calif
New grammar school.
Owner—Tulelake Grammar School District (R. G. Dennis, Supt.)
Plans by Karl Gentry.
A bond election will probably be held in the near future.
The school district will vote in the near future on a proposal to issue bonds to finance proposed structure.

BIDS WANTED

LOS ANGELES, Cal.—Until July 11 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the construction of two new 1-story classroom buildings, to contain 13 units, at the Florence Ave. school, 1904 E. Florence Ave. Theo. R. Jacobs, Homer Laughlin Bldg., architect.

PLANS COMPLETED

SANTA MARIA, Santa Barbara Co, Cal.—Architect E. K. Lockard, 117 E. De la Guerra, Santa Barbara, has completed plans for the first unit of a new junior college plant to be erected in Santa Maria by the Santa Maria Union High School District. A revised application will be filed with the PWA for additional financing.

PLANS TO BE PREPARED

SANTA BARBARA COUNTY, Cal. —Architect E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, will prepare plans for a recreation building to be erected in Santa Barbara County for College Grammar School District, near Santa Ynez. Application will be made to the PWA for government financing.

BIDS REJECTED

SANTA BARBARA COUNTY, Cal. Santa Ynez Valley Union High School District rejected all bids received on June 18 for the construction of new school buildings at the Santa Ynez high school, a PWA project. The school board instructed Architect E. K. Lockard, 117 E. De la Guerra, Santa Barbara, to make a study of the plans and specifications preliminary to making revisions to reduce the cost. The project will be readvertised at a later date. The buildings will be wood frame structures with stucco exteriors, tile roofing, concrete and wood floors, heating plant, etc.

Low bid was submitted by Wigg Const. Co. at (1) work complete, $122-310; (2) administration bldg., $60,094; (3) domestic arts building, $38,348; (4) shower and locker room building, $24,430.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal. — Berkeley Steel Constr. Co., Second & Camelia Sts., Berkeley, at $481 awarded contract by Berkeley Board of Education for furnishing and installing smoke stack at the John Muir School.

Bids Wanted—To Close July 8, 8 P. M.

ADDITION Cost, $28,000
SHAFTER, Kern Co., Calif. Shafter High School Campus.
Addition to high school (new shop building and study hall).
Owner—Shafter High School District.
Architect—Edwin J. Symmes, Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from the Architect upon deposit of $10.

Contract Awarded.

SCHOOL Cont. Price, $3789
PITTSBURG, Contra Costa Co., Cal.
One-story classroom and store room at High School.
Owner — Pittsburg High School Dist.
Architect — Louis Stone, 785 Market St., San Francisco.
Engineer—R. H. Cooley, 354 Hobart St., Oakland.
Contractor—Morris Siino, Pittsburg.
Complete bids follow:

Morris Siino, Pittsburg	$3789
Angelo Davi, Pittsburg	3120
Jos. H. Siino, Pittsburg	5397

Preparing Preliminary Plans.

IMPROVE SCHOOL Cost, $30,000
SALINAS, Monterey Co., Cal.
Structural changes to domestic science building of the Salinas Union High School (1st unit).
Owner — Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.

lans Approved
IGH SCHOOL Cost, $39,200
OVELO, Mendocino Co., Calif.
ne-story frame and stucco academic building and 1-story frame gymnasium.
wner—Round Valley High School Dist. (Vierling Kersey, Supt. of Public Instruction).
rchitect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans have been approved by the WA and bids will be asked immediely.

ONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—eel Tank and Pipe Co., 1100 Fourth ., Berkeley, at $390 awarded conact by Berkeley Board of Educaon for furnishing and installing a noke stack at the Jefferson school.

reliminary Plans Prepared.
YMNASIUM Cost, $45,000
UOLUMNE, Tuolumne Co., Calif.
ne-story reinforced concrete high school gymnasium.
wner—Summerville High School District.
rchitect—Frank V. Mayo, 108 East Miner St., Stockton.
Application will be filed with the WA for funds to finance project.

ids Wanted—To Close July 2, 7:30 P. M.
DDITION Cost, $8,500
OODLAND, Yolo Co., Calif.
dition to bleachers (frame construction; comfort station, team rooms, showers, etc.)
wner—Woodland High School Dist.
rchitect—Dragon & Schmidts, Room 205, 2068 Allston Way, Berkeley.
Bids are being taken as follows:
) Mill work, glass and glazing;
) 1x4-in. and 1¼x4-in. T and G material (Oregon pine);
) bleacher seat materials (Redwood and Oregon pine);
) Furnishing and installing composition roofing.
Bidders are to submit separate bids all classes of materials.
Specifications may be obtained from e architects and at the office of the cretary of the Board of Education, oodland High School.

ONTRACT AWARDED
SAN FRANCISCO.—H. C. Thompn, 930 Evans Street, at $1,980 was warded contract by State Board of arbor Commissioners for rebilding d repairing pile driving barge.

OMMISSIONED TO PREPARE PLANS
LAS VEGAS, Nev.—Architect Orle Clark, 369 N. Ridgewood Place, s Angeles, has been commissioned the Las Vegas board of education prepare plans for a one-story frame d stucco grammar school (14 classoms) to replace the one destroyed fire in Las Vegas last year. Cost, 00,000.

OW BIDDER
TUCSON, Arizona.—Jay J. Garfield dg. Co., 725 E 16th St., Tucson, bmitted low combined bid to the iversity of Arizona at $160,000 for e construction of a museum bldg. d a humanities (classroom) building on the college campus in Tucson. PWA project. Plans were prepared Architect Roy Place, 11 E Pennington St., Tucson. The museum ll be a two-story and basement, eproof structure, 75x140 ft. in area; ncrete and steel construction, brick cing, terra cotta trim, tile roof, el windows, wrought iron, acoustical treatment, steam heat, etc. The manities building will be a 2-story ructure, 60x175 feet in area, with e same exterior treatment as the museum. Other buildings to be erected on the site later include a women's athletic and recreation home and an administration building, bids for which will probably be advertised in July and a science building, auditorium and stables to be built later. Cost of entire project estimated at $815,000.

Low Bidders
DORMITORY Cost, $500,000
SEATTLE, Wash. University of Washington Campus
Three-story and basement fireproof dormitory (250x318-ft.) brick and cast stone exterior, oak floors, one elevator, four cast stone fireplaces kitchen, 4 dining rooms, 75 sleeping rooms, lineleum flooring.
Owner—State of Washington.
Architect—David J. Myers, 431 Central Bldg., and John Graham, Dexter-Horton Bldg., Seattle.
Low bidders follow:
General Work—Sheble Const. Co., Securities Bldg., Seattle, $338,800.
Plumbing and Heating — University Plumbing and Heating Co., 3939 University Way, Seattle, $90,920.
Wiring—C. A. Carlson, 2212 Second Ave., Seattle, $28,289.
Kitchen Equipment—General Sheet Metal Co., Inc., 2012 Westlake, Seattle, $8,494.
Refrigeration—A. G. Rushlight, 407 SE Morrison, Portland, $5,572.
Complete bids on file in the office of Daily Pacific Builder and may be inspected by those interested.

BIDS WANTED
PASADENA, Cal.—Until July 9, 11 A. M., bids will be received by the Pasadena board of education for construction of the primary buildings and assembly building at the Thos. Jefferson elementary school, located on Villa St. between Sierra Bonita and Hamilton Avenues, a PWA project. Plans and specifications may be obtained at 320 E. Walnut St., Pasadena upon deposit of $25. Cashier's or certified check or bond for 5% must accompany each bid. Marston & Maybury, 25 S Euclid Ave., Pasadena, architects. Cost, $104,000.

BIDS WANTED
PULLMAN, Wash.—Until July 15, 1:30 P. M., bids will be received by the Board of Regents, State College of Washington, Davenport Hotel, Spokane, for built-in furniture for chemistry building, including laboratory tables. Plans may be obtainable from Architect Stanley Smith, State College, Pullman, Wash., upon deposit of $5.

Bids Wanted—To Close July 16.
ADDITION Cost, $16,000
NORTH SACRAMENTO, Sacramento Co., Calif.
One-story frame and stucco wing addition to school (add four classrooms).
Owner—Hagginwood School District.
Architect — Harry Devine, California State Life Bldg., Sacramento.

Preliminary Plans Completed.
AUDITORIUM Cost, $85,000
GILROY, Santa Clara Co., Cal.
One-story reinforced concrete auditorium (to seat 1400).
Owner — Gilroy Union High School District.
Architect—W. H. Weeks, 525 Market San Francisco.
Application has been filed with the PWA for funds in the amount of $85,000 to finance the structure.

Preliminary Plans Completed.
SHOWER ROOMS Cost, $8000
HOLLISTER, San Benito Co., Cal.
One-story frame shower room building at High School.
Owner — San Benito County High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Financing arrangements are now being discussed.

Additional Sub-Contracts Awarded.
RECONST. SCHOOLS Cost, $51,997
REDWOOD CITY, San Mateo Co., Cal.
Reconstruction and structural changes to group of eight school buildings at the Sequoia Union High School (work involves structural steel, concrete, wood framing and gunite work).
Owner — Sequoia Union High School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Plumbing—P. E. Brand, 650 Jefferson Ave., Redwood City.
Roofing, Tile and Magnasite—Malott & Peterson, 20th and Harrison Sts. San Francisco.
Sheet Metal — Redwood City Sheet Metal Works, Redwood City.
As previously reported, plastering awarded to M. J. King, 2343 Bay St., San Francisco; reinforcing steel to W. S. Wetenhall, 17th and Wisconsin Sts., San Francisco; structural steel to Western Iron Works, 141 Beale St., San Francisco; blackboards to Fred Turner, 557 Market St., S. F.
Other awards will be made shortly.

Preparing Plans.
SCHOOL Cost, $50,000
CHICO, Butte Co., Calif.
One-story elementary school (concrete exterior, tile roof, steam heating system, steel sash finish).
Owner—City of Chico.
Architect—Chester Cole, 4418 Second St., Chico.

PLANNED
TUCSON, Arizona. — Tucson school board has approved a building program that will add 16 rooms to Tucson schools at a cost of approximately $152,000. Tentative plans call for additions to the Mansfield, Government Heights, Dunbar and Davis schools, a new building at Yaqui village to replace the present adobe structure and an addition to the high school stadium. Application will be made to the PWA for a government loan.

Bids Wanted — To Close July 12, 8 P. M.
HIGH SCHOOL Cost, $39,200
COVELO, Mendocino Co., Calif.
One-story frame and stucco academic building and 1-story frame gymnasium.
Owner — Round Valley High School Dist. (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architects upon deposit of $15.

Contract Awarded.
SHOP Cont. Price, $6,937
KENTFIELD, Marin Co., Calif.
One-story reinforced concrete shop building.
Onwer—Marin Junior College District. Kentfield.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Contractor—DeLuca & Sons, 1745 Filbert St., San Francisco.
Contract awarded accepting Alternate No. 7.
Complete bids follow:
(1) add for steel sash and glass;
(2) add for concrete floors and stairs

(3) add for roofing and sheet metal;
(4) add for plumbing;
(5) add for mill work;
(6) add for painting;
(7) add for all finish carpentry.

DeLuca & Sons, San Francisco, $5,297: (1) $939; (2) $959; (3) $870; (4) $300; (5) $900; (6) $430; (7) $1640.

W. C. Akard, San Francisco, $5,544; (1) $925; (2) $1043; (3) $970; (4) $350; (5) $880; (6) $390; (7) $1587.

John E. Branagh, Oakland, $5,340: (1) $865; (2) $823; (3) $930; (4) $332; (5) $962; (6) $390; (7) $2410.

Hannah & Wooldridge, San Francisco, $5,694: (1) $974; (2) $900; (3) $1012; (5) $307; (5) $964; (6) $471; (7) $1899.

Leo Epp, San Francisco, $5,730: (1) $878; (2) $930; (3) $834; (4) $400; (5) $690; (6) $350; (7) $1935.

Frank J. Reilly, San Francisco, $5,811; (1) $900; (2) $795; (3) $959; (4) $419; (5) $895; (6) $400; (7) $1816.

Carcano-Siemer, San Anselmo, $5,836; (1) $1058; (2) $997; (3) $1402; (4) $425; (5) $1250; (6) $450; (7) $2000.

Leibert & Trobock, San Rafael, $6,173; (1) $957; (2) $977; (3) $975; (4) $419; (5) $898; (6) $250; (7) $2176.

Monson Bros., San Francisco, $6,276; (1) $891; (2) $1090; (3) $922; (4) $344; (5) $824; (6) $439; (7) $2482.

Nielson & Lahti, Berkeley, $7,871: (1) $1326; (2) $1193; (3) $1014; (4) $414 (5) $1114; (6) $478; (7) $2035.

Main bid covers concrete work, excavation and steel.

16— BANKS, STORES AND OFFICES

Sub-Contracts Awarded.
ALTERATIONS Cost, $15,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
Alterations to office building.
Owner—Pacific Gas & Electric Co.
Plans by Engineering Dept. of Owner.
Contractor — Hannah & Wooldridge, 268 Market St., San Francisco.
Brick Work — Wm. A. Rainey, 323 Clementina St.
Plumbing—F. W. Spencer, 2085 Hayes Street.
Grading & Concrete—M. Bottini, San Rafael.
Heating—Pacific Heating & Ventilating Co., 2059 Webster St., Oakland.

Contract Awarded.
STORE Cost, $35,000
RENO, Nevada. No. 151 Sierra St.
One-story and basement brick and concrete store building.
Owner—Barengo Bros.
Architect—Not Given.
Contractor — Roy W. Burrows, 15 Thoma St., Reno.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 101 Eddy St.
Alterations to store building.
Owner—Ambassador Buffet, Inc., Mason and Eddy Sts., San Francisco.
Architect—Not Given.
Contractor—Royal Show Case Co., 770 McAllister St., San Francisco.

Contracts Awarded.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. Powell St. near Sutter Street.
Alterations to building for waffle shop cocktail lounge, coffee shop, etc., (work involves new front, plumbing, electrical work, painting, decorating, restaurant equipment, etc.)
Owner—Tiny's Waffle Shop.
Architect—A. R. Williams, 251 Post St., San Francisco.
Contractor—Unit Bilt Fixture Co., 963 Harrison St., San Francisco.
Electric—W. B. Baker, 15 Harriet St.
Sheet Metal — Reliable Sheet Metal Works, 472 Fifth Street.

TO ASK BIDS
LOS ANGELES, Cal. — Architect Milton J. Black, 5369 Wilshire Blvd., is completing plans and bids will be taken from a closed selected list of contractors for a one- and part two-story brick and concrete film exchange building (80x90 feet) to be built at the corner of Vermont Ave. and 20th St. for Mr. Johnston.

Contract Awarded
ALTERATIONS Cost, $3,800
SAN FRANCISCO. 235 Montgomery St. (18th and 30th floors of Russ Bldg.)
Alterations to offices.
Owner—Russ Building Co., 235 Montgomery Street.
Architect—Not Given.
Contractor—A. G. J. Muller, 243 7th Street.

Plans Being Completed.
BANK & STORES Cost, $——
NAPA, Napa Co., Calif. Second and Brown Streets.
One-story concrete store building and alterations and additions to bank building (two entrances; new bank fixtures, marble and bronze; marble floors, new show windows, new steam heating system, etc.)
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Department of Capital Co., 625 Market St., San Francisco.
Present building on site will be razed.
Bids will be asked in about two weeks.

Contract Awarded.
ALTERATIONS Cost, $——
BERKELEY, Alameda Co., Cal. No. 2138 Kittredge Street.
Alterations and additions to restaurant.
Owner—Pepper Tree Inn (Mr. Taylor, Proprietor).
Architect—Fred L. Confer, 2812 Russell St., Berkeley.
Contractor—Victor Carlson, 1612 Oxford St., Berkeley.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif. SE Broadway and Thirteenth St.
Two-story steel and concrete office building (to contain 45,000 sq. ft. of floor space).
Owner—Charles Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent—Lionel Wachs Company, Bank of America Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
Plumbing and Heating—Scott Co., 113 Tenth St., Oakland.
Electric — Scott Buttner, 23rd and Webster Sts., Oakland.
Sub-bids are now being taken on sheet metal, roofing, glass, plastering, painting, ornamental iron, etc.

17— THEATRES

Work To Start Immediately.
ALTERATIONS Cost, $——
LAKEPORT, Lake Co., Cal.
Alterations to theatre (remodel exterior of building, Neon marquee, new lighting fixtures, new drapes, new stage curtain, etc.
Owner—The Orpheum Theatre, Leo. M. Reese, Proprietor), Lakeport.
Architect—Not Given.

Plastering Contract Awarded.
REBUILD THEATRE
Contract Price, $11,352.72
SAN MATEO, San Mateo Co., Calif.
Rebuild Fox West Coast Theatre (recently destroyed by fire).
Owner—Fox West Coast Theatres, 1 Market St., San Francisco.
Architect—A. A. Cantin, 557 Mark St., San Francisco.
Contractor—James L. McLaughlin, 1 Kearny St., San Francisco.
Plastering—The Great Cumminghs Premises.
Plastering has been started.

Plans Being Prepared.
THEATRE Cost, $65,
BAKERSFIELD, Kern Co., Calif. and 18th Streets (66x115 feet)
One-story concrete theatre and st building.
Owner—Woodmen of the World.
Architect—Edwin J. Symmes, Habfelde Bldg., Bakersfield.
Lessee—William Gleason.
Present building on the site will razed.
The following comprise the building committee for the owners:
H. E. Mattson, Roy Hubbard a Charles Taylor.

Plans Being Figured.
ALTER THEATRE Cost, $75,
SALINAS, Monterey Co., Calif.
Alterations and addition to Fox Theatre (new projection room, remo interior, new stairs, carpets, f nishing, painting, decorating, et
Owner—Fox West Coast Theatres, 1 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kear St., San Francisco.
Engineer—F. W. Kellberg, 320 Marl St., San Francisco.
Date of opening bids will be s nunced within a few days.

PLANS BEING COMPLETED
SAN FRANCISCO—Plans are be completed by Architect A. A. Cant 557 Market St., for a new marq for the following theatres in S Francisco, for Nassar Bros. Cost estimated at $3000 each.
(1) Royal Theatre; Polk St. at C fornia.
(2) Alhambra, Polk and Green S
(3) Castro Theatre, Castro at 1 Street.
Bids will be asked within a t days.

Contract Awarded.
THEATRE & STORE Cost, $20,
AVENAL, Kings Co., Calif.
One-story Class C reinforced concr store and theatre building.
Owner—Standard Oil Co., 225 Bush San Francisco.
Plans by Engineering Dept. of Ow
Contractor—R. P. Moore, 3662 Ver St., Fresno.

18—WHARVES & DOC

CONTRACT AWARDED
SAN FRANCISCO—Aristo Paint Co., 473 Bryant St., at $1385 awar contract by State Board of Har Commisioners for whitewashinging terior of shed and bulkhead build on Pier No. 25, San Francisco. Fr G. White, Engineer. Complete l follow:
Aristo Painting Co. $1
Patterson Bros., Oakland 1
A. Nelson, Inc. 1

AWARD RECOMMENDED
SAN DIEGO, Cal.—Charles and W. Steffgen, 2015 Bay Front, San ego, at $13,400 (as previously rep ed) submitted low bid and rec mended for award of contract by Public Works Officer, Headquart 11th Naval District, foot of Broad San Diego, under Spec. No. 7938, repairs to ways of Marine Railway the Naval Operating Base (Destr Base) San Diego.
Complete bids follow.

has. and F. W. Steffgen, San Diego $13,400
ull, Smale & Ramage, Inc., Wilmington 13,767
erritt-Chapman & Scott, San Pedro 13,998
eo. Hess, Los Angeles 22,373
R. Dennis Const. Co., San Diego 23,350

ONTRACT AWARDED

SAN DIEGO, Cal.—Charles and F. . Steffgen, 2015 Bay Front, San Diego, at $13,400 awarded contract by e Public Works Officer, Headquarers, 11th Naval District, San Diego, nder Spec. No. 7938, for repairs to ays of Marine Railway at the Naval perating Base (Destroyer Base) San iego.

9—MISC. CONSTRUCTION

ians Approved

ATATORIUM Cost, $75,000
AYWARD, Alameda Co, Cal. Hayard Memorial Park.
einforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.) tile scum gutter, wner—City of Hayward.
rchitect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
tructural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
echanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Clifton E. Hickok, Northern California District Engineer of the PWA, as approved plans and bids will be ked shortly.

ID CALL CANCELLED

PORTLAND, Oregon—The U. S. Engineer Office, First Portland District, 06 Customhouse, Portland, Major illo P. Fox, District Engineer, has nnounced cancellation of a call for ids under Bid No. 698-35-629, to have een opened June 25, 3 P. M., for conructing and delivering afloat at overnment Moorings, No. 8015 NW t. Helens Road, Portland, one single rew Diesel electric driven survey oat.

The work will be readvertised at an arly date.

IDS WANTED

SAN BERNARDINO and Riverside os., Cal., and Clark Co., Nev.—Until ugust 20, 10 A. M., bids will be reeived by the Metropolitan Water Disrict, 306 West 3rd St., Los Angeles, or constructing a 230 - kv electric ower transmission line in accordnce with Spec. No. 104. The work located in Clark County, Nev., and n San Bernardino and Riverside Cos., alif., and comprises the construction f approx. 237 miles of 230-kv steel ower transmission line between the oulder Dam power plant and the olorado River Aqueduct pumping lants and designated as Gene, Iron ountain, Eagle Mountain and Hayeld. Bids will be taken on alternave schedules as follows:

Schedule 1: With hollow copper conuctors, the District to furnish the teel for towers in accordance with he District's design.

Schedule 2: With steel-reinforced luminum conductors, the District to urnish the steel for towers in acordance with the District's design.

Schedule 3: With hollow copper conuctors, the Contractor to furnish the teel for towers in accordance with he contractor's design.

Schedule 4: With steel-reinforced luminum conductors ,the contractor o furnish the steel for towers in acordance with contractor's design.

Plans may be obtained from the ofce of the General Manager and Chief Engineer, F. E. Weymouth, Rm. 1004 306 West 3rd St., Los Angeles, upon payment of $5 per set, not returnable. A proposal for Schedules 1 and/or 2 only must be accompanied by a certified check or cashier's check in the amount of $50,000. A proposal including bids upon Schedules 3 and/or 4 must be accompanied by a certified or cashier's check in the amount of $100,000.

A bidder on the District's Spec. No. 102 for insulators and No. 103 for conductors may stipulate in his bids on Schedules 3 and 4 of Spec. No. 104, the reduction in the total contract price which will be allowed by the bidder in the event he is also awarded contracts under Spec. 102 and 103, for insulators and conductors, respectively.

Contracts To Be Awarded.

TRANSMITTING STA. Cost, $5,000
STOCKTON, San Joaquin Co., Calif. Manteca Highway.
One - story steel frame and stucco transmitting station (20x30-ft.)
Owner—E. F. Peffer, 40 South California St., Stockton.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Contractor—Selected—Name Withheld

Equipment contract has also been awarded and names will be announced shortly.

BIDS OPENED

ODAIR, Wash.—Following bids received by the Bureau of Reclamation, Denver, Colo., June 14 under Spec. No. 690-D, for furnishing structural steel roof trusses for the garage and fire station at the Government Camp at Grand Coluee Dam, Columbia Basin Project:

California Steel Products Co., San Francisco, (1) $2792; (2 weight, 62,000 lbs.; (3) f.o.b. point, San Francisco; (4) discount, net.
Pacific Coast Steel Corp., Alameda, (1) $2647; (2) 61,800 lbs.; (3) Alameda; (4) net.
John W. Beam, Denver, Colo., (1) $1836; (2) 53,500 lbs.; (3) Peotone, Ill.; (4) ½%.
John W. Beam, Denver, Colo., Alternate, (1) $1946; (2) 53,500 lbs.; (3) Peotone, Ill.; (4) net.
Omaha Steel Works, Omaha, (1) $2400 (2) 61,000 lbs.; (3) Omaha; (4) ½%
Midwest Steel & Iron Works Co., Denver, (1) $2387; (2) 60,000 lbs.; (3) Odair, Wash.; (4) ½%.
Spuck Iron & Foundry Co., St. Louis, Mo., (1) $2863; (2) 63,000 lbs.; (3) Odair; (4) net.
Wallace Bridge & Structural Steel Co. Seattle, (1) $2674; (2) $59,400 lbs.; (3) Seattle; (4) ½%.
Pacific Car & Foundry Co., Seattle, (1) $2950 (2) 62,500 lbs.; (3) Renton, Wash.; (4) net.
Pennsylvania Iron & Steel Co., Los Angeles, (1) $2858; (2) 63,460 lbs.; (3) Los Angeles; (4) net.
Pennsylvania Iron & Steel Co., Los Angeles, (1) $3170; (2) 63,450 lbs.; (3) Odair; (4) net.
Valley Iron Works, Yakima, (1) $4082; (2) 58,269; (3) Yakima; (4) net.
Minneapolis-Moline Power Implement Co., (1) $2200; (2) 61,000 lbs.; (3) Minneapolis; (4) net.
Wisconsin Bridge & Iron Co., Milwaukee ,Wis., (1) $2745; (2) 61,000 lbs.; (3) Odair; (4) net.
Des Moines Steel Co., Des Moines, Iowa, (1) $2670; (2) 62,400 lbs.; (3) Odair; (4) ½%.
Ingalls Iron Works, Birmingham, Ala., (1) $2710; (2) 64,400 lbs.; (3) Odair; (4) net.
Star Iron & Steel Co., Tacoma, (1) $2950; (2) 64,000 lbs.; (3) Tacoma; (4) net.
Pittsburgh-Des Moines Steel Co., Des Moines, Iowa, (1) $2268; (2) 60,000 lbs. ;(3) Des Moines; (4) ½%.
American Bridge Co., Denver, (1) $2,900; (2) 62,000 lbs.; (3) Odair; (4) net.
St. Paul Foundry Co., St. Paul, Minn., (1) $2786; (2) no weight; (3) Odair; (4) net.
Duffin Iron Co., Chicago, (1) $2035; (2) 62,000 lbs.; (3) Chicago ;(4) ½%.
E. J. White, Seattle, (1) $2597; (2) 58,000 lbs.; (3) Seattle; (4) net.
E. J. White, Seattle, (1) $2768; (2) 58,000 lbs.;(3) Odair; (4) net.
E. J. White, Seattle, Alternate, (1) $2860; (2) 58,000 lbs.; (3) Odair; (4) net.
Silver-Roberts Iron Works, Inc., Denver, (1) $3200; (2) 64,000 lbs.; (3) Odair; (4) net.
Silver-Roberts Iron Works, Inc., Denver, (1) $2800; (2) 64,000 lbs.; (3) Denver; (4) net.
McClintic Marshall Corp., Chicago, (1) $2600; (2) 61,800 lbs.; (3) Chicago; (4) net.
Clinton Bridge Works, Clinton, Iowa, (1) $2070; (2) 61,400 lbs.; (3) Clinton; (4) ½%.
Joseph T. Ryerson & Son, Inc., Chicago, (1) $2200; (2) 63,850 lbs; (3) Chicago; (4) ½%.
Virginia Bridge & Iron Co., Roanoke, Va., (1) $1812; (2) 60,400 lbs.; (3) Birmingham; (4) net.
Isaacson Iron Works, Seattle, (1) $2581 (2) 58,513 lbs.; (3) Seattle; (4) ½%
Worden - Allen Co., Milwaukee, Wis., (1) $2494; (2) 59,780 lbs.; (3) Odair; (4) ½%.
Midland Structural Steel Co., Cicero, Ill., (1) $2709; (2) 60,500 lbs.; (3) Odair; (4) ½%.
Stupp Bros. Bridge & Iron Co., St. Louis, Mo., (1) $2057; (2) 60,000 lbs.; (3) St. Louis; (4) net.
Belmont Iron Works, Philadelphia, Pa. (1) $2113; (2) 63,100 lbs; (3) Eddystone, Pa.; (4) ½%.
Steel Fabricators, Inc., Seattle, (1) $2549; (2) 57,900 lbs.; (3) Seattle; (4) net.
Milwaukee Bridge Co., Milwaukee, (1) $2725; (2) 62,000 lbs.; (3) Odair; (4) net.
Bethlehem Fabricators, Inc., Bethlehem) Bethlehem; (4) net.

Bids held under advisement. 19
hem, Pa., (1) $2145; 2) 64,541 lbs.;

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, June 17, under Spec. No. 688-D, for furnishing two sets of oil storage tanks with platforms, ladders, handrails and appurtenances for the Boulder Power Plant:

California Steel Products Co., San Francisco, (1) $7747; (2) weight, 148,800 lbs.; (3) f.o.b. point, San Francisco.
Buehler Tank & Welding Works, Los Angeles, (1) $7830; 149,000 lbs.; (3) Los Angeles.
John W. Beam, Denver, (1) $9436; (2) 146,400 lbs.; (3) Chicago.
Western Pipe & Steel Co., Los Angeles (1) $8560; (2) 150,000 lbs.; (3) Los Angeles.
Consolidated Steel Corp., Ltd., Los Angeles, (1) $9500; (2) 139,500 lbs.; (3) Los Angeles.
Grover Tank & Mfg. Co., Inc., East Chicago, Ind., (1) $7422; (2) 140,200 lbs.; (3) East Chicago.
Steel Tank & Pipe Co., Portland, (1) $8660; (2) 190,000 lbs.; (3) Portland.
Columbian Steel Tank Co., Kansas City, Mo., (1) $9052; (2) 143,000 lbs.; (3) Kansas City, Mo.
National Tank & Mfg. Co., Los Angeles, (1) $9445; (2) 146,200 lbs.; (3) Los Angeles.
Lacy Mfg. Co., Los Angeles, (1) $8995 (2) 152,000 lbs.; (3) Los Angelea.
Southwest Welding & Mfg. Co., Inc.,

Alhambra, (1) $8531; (2) 150,,000 lbs.; (3) Alhambra.
Eaton Metal Products Co., Denver, (1) $9425; (2) 139,800 lbs.; (3) Denver.
Following incomplete bids were received:
Berkeley Steel Constr. Co., Inc., Berkeley, (1) $4030; (2) 81,000 lbs.; (3) Berkeley.
Brown Sheet Iron & Steel Co., St. Paul Minn., (1) $3328; (2) 69,000 lbs.; (3) Minnesota Transfer.
Chicago Bridge & Iron Co., Chicago, (1) $6748 ;(2) 75,000 lbs; (3) Boulder City.
Valley Iron Works, Inc., Yakima, Wash., (1) $4675; (2) 63,636 lbs.; (3) Yakima.
Heine Boiler Co., St. Louis, Mo., (1) $4350; (2) 73,000 lbs.; (3) St. Louis
Bids held under advisement.

CONTRACT AWARDED

WESTERN STATES — George H. Buckler Co., Lewis Bldg., Portland, at approximately $115,000 have been awarded contract by the Constructing Quartermaster, Presidio of San Francisco, for the construction of five CCC Camps in Oregon, Washington, and Idaho. Each camp will consist of thirteen Douglas Fir buildings with insulated walls and roof, ranging up to 170 feet in length, including a mess hall, kitchen, wellfare building, officers' quarters, headquarters, store houses, bath houses, several barracks and other utilities.

The contract will require approximately 1,250,000 MFBM of lumber.

Bids on roofing, insulating materials, hardware, mill work, painting, and other items will be taken through George Buckler Company's offices.

Contract Awarded

ORPHANAGE Cost, $60,000
SAN FRANCISCO. Hahn and Sunnydale Streets.
Group of eight buildings for orphanage frame construction) dormitories, administration bldg., power plant.
Owner—Salvation Army, 115 Valencia Street.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Lindgren and Swinerton, 225 Bush Street.

BIDS OPENED

SACRAMENTO, Cal.—Acme Traffic Signal Co., 1716 Naud St., Los Angeles, at $1483.25 submitted low bid to City Council for furnishing and installing complete traffic control signal system at the intersection of Y Street, Land Park Drive and 16th Street, Sacramento. Complete bids follow:
Acme Traffic Signal Co., Los Angeles, $1,483.25.
Luppen & Hawley, Sacramento, $1760.
Gamewell Co., Los Angeles, $1762.35
A. Soda & Son, Oakland, $1990.
Bids held under advisement.

TO ASK BIDS SHORTLY.

OCEANSIDE, San Diego Co., Cal. —Oceanside city council will call for bids within a few days for a municipal plunge and natatorium to be constructed in Oceanside, a PWA project. Cost is estimated at $63,500. Plans prepared by Architect William Lodge, California Bank Bldg., San Diego, and Architect Virgil Westbrook, San Clemente.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

OAKLAND, Cal.—Stauffer Chemical Co., 636 California St., San Francisco, at $10,571.25 awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, for furnishing approximately 375 tons of aluminum sulphate under Proposal No. 628.

CONTRACT AWARDED

OAKLAND, Cal.—Bunker Hill and Sullivan Mining & Concentrating Co., Crocker Bldg., San Francisco, at $82.-50 per ton submitted the only bid and awarded contract by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Proposal No. 640, for furnishing 50 tons of pig lead.

CONTRACT AWARDED

OAKLAND, Cal.—Linde Air Products Co., 114 Sansome St., San Francisco, at $2,410 for 200,000 cu. ft., more or less, of oxygen gas, and at $3,997.50 for 150,000 cu. ft.. more or less of dissolved acetylene gas, awarded contracts by the East Bay Municipal Utility District, under Proposal No. 626.

CONTRACT AWARDED

OAKLAND Cal.—American Bitumuls Co., 4525 San Leandro, Oakland, at $10,500 awarded contract by East Bay Municipal Utility District, John H. Kimball, Secretary, for furnishing approximately 200,000 gals. of emulsified asphalt, under Spec. No. L. S. 148.

BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No 1394, for furnishing:
(1) 15 tons pig lead;
(2) 6 reels (about 5800 lbs.) ¾-in. B lead pipe;
(3) 6 reels (about 5800 lbs.) ¾-in. AA lead pipe;
(4) 1 reel (about 950 lbs.) 1-in. AA lead pipe.
The bids were:
Federated Metals Corp., 75 Folsom St.: (1) $4.30 per cwt.; (2) $8.88 per cwt.; (3) $8.88 per cwt.; (4) $8.88 per cwt.
Bunker Hill & Sullivan Mining and Concentrating Co., Crocker Bldg.: (1) $86 per ton; (2) $8.80 per cwt.; (3) $8.95 per cwt.; (4) $8.95 per cwt.
Bids held under advisement.

196

Long Term
Home Loans
Federal Insured Mortgage Plan

Homes covered by these loans can be bought on a small down payment, *without second mortgage financing.* Buyer has up to 20 years to repay in uniform monthly installments, like rent.

Inquire at our nearest office.

AMERICAN TRUST COMPANY
Since 1854
Commercial Banking : Savings : Trust

CONTRACT AWARDED

SAN FRANCISCO—Devincenzi Br & Co., 150 Collins St., at $0.54 per yd. awarded contract by T. Brooks, Purchaser of Supplies, C Hall, under Bid No. 1387, for f nishing approximately 5000 cu. y of loam for Golden Gate Park.

BIDS OPENED

BERKELEY, Alameda Co., Cali. American Concrete & Steel Pipe C 4635 Firestone Blvd., South Gate, the California Concrete Products C 1700 S First St., San Jose, submit identical bids to the Berkeley C Council for furnishing cement c crete pipe.

The bids were deductions from price as follows:
$ 500 to $1,499, 2%.
$1,500 to $2,499, 3%.
$2,500 to $3,999, 5%.
Bids held under advisement.

BIDS OPENED

SAN LEANDRO, Alameda Co., C —San Leandro Rock Co., 2485 Was ington St., San Leandro, submit the only bid received by San Lean City Council for supplying rock a screenings for the fiscal year beg ning July 1, 1935 and ending Ju 30, 1936.

The bid follows:
Red rock macadam, $1.05 per c.y.
Red rock, 1-in., $1.05 per c.y.
Red rock screenings, $1.05 per c
Rock fill, $0.75 per c.y.
Crushed rock, $1.45 per c.y.
Crushed rock screenings, $1.45 cubic yard.
Birdseye, $1.65 per c.y.
Rock dust, $0.75 per c.y.
Bids held under advisement.

CONTRACTS AWARDED

BERKELEY, Cal.—Berkeley Boa of Education awarded the followi contracts for materials for the sch district:

Electrical Materials

Crescent Electric Co.	$ 88
Electric Corporation	321
General Electric Supply Co.	650
Gilson Electric Supply Co.	3,871
Graybar Electric Co.	4,875
Lavenson & Sebastian	1,035
Westinghouse Elec. Supply Co.	760
White Electric Co.	674

Stucco

Contra Costa Bldg. Materials Company	$ 47
Chas. Hughes	261
Transit Concrete Co.	243
Zellerbach Paper Co.	85

Lumber and WallBoard

Tilden Lumber Co.	$6,352
Davis Hardwood Co.	156
Henry Cowell Lime & Cement Company	1,707

Paint Materials

F. W. Dunne	$2,134
M. Friedman	584
W. P. Fuller & Co.	60
General Paint Co.	1,870
National Lead Co.	260
Pacific Paint & Varnish Co.	85
Sherwin Williams Paint Co.	1,691

BIDS OPENED

SAN FRANCISCO—Following bi received by T. A. Brooks, Purchas of Supplies, City Hall, under Bid N 1392, for furnishing 1600 oak ch desks for the School Department:
Rucker-Fuller Co., $6.29 each; al $6.29 each.
General Seating Co., $8.47; Alt., $6.
Stevenson & Son, $7.85; Alt., $7.8
R. Brandlein & Co., $8.50.
American Seating Co., $6.59.
Heywood Wakefield Co., $6.98.
Fred E. Turner, $7.10.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other p ublic agencies.

RECLAMATION SERVICE

OWYHEE PROJECT, Oregon-Idaho Until July 12, 2 P. M., bids will be eived by the Bureau of Reclamation, Denver, Colorado, under Spec. . 696-D, for furnishing and deliver- f.o.b. cars at the shipping point l/or Homedale, Idaho, cast-iron and rial gates, gate hoists, miter and o-way bevel gear sets, shaftings, rings, and miscellaneous metal work f the South Canal, Station 0 to Sta- n 736, Succor Creek Division, Owy- Project, Oregon-Idaho. The ma- ials will be installed by the Gov- ment.

Specifications obtainable from the ove office without charge to pros- tive bona fide bidders; to others, not returnable.

OULDER CITY, Nevada — Until y 22, 2 P. M., bids will be received the Bureau of Reclamation, Den- , Colorado, under Spec. No. 629, for nishing and delivering f.o.b. cars the shipping point and/or Boulder y, two 168-inch diameter butterfly ves and two butterfly valve bulk- ds for installation in the Boulder ver Plant, Boulder Canyon Project. e valves and bulkheads will be in- lled by the Government.

pecifications obtainable from the ve office without charge to pros- tive bona fide bidders; to others, $3 returnable.

OULDER CITY, NEVADA — Until y 11, 2 P. M., bids will be received the Bureau of Reclamation, Den- , Colo., under Spec. No. 695-D, for nishing and delivering f.o.b. cars at shipping point and/or Boulder y, four switchyard oil storage tanks two oil sump tanks and appurten- es for the Boulder Power Plant, lder Canyon Project. The tanks be installed by the Government.

pecifications obtainable from the ve office without charge to pros- tive bona fide bidders; to others, not returnable.

MET. WATER DISTRICT

OS ANGELES, Cal.—Until Aug. 10 A. M., bids will be received by Metropolitan Water District, 306 st Third St., Los Angeles, for fur- hing electrical conductor, connec- , repair sleeves, suspension clamps in clamps, armor rods, and vi- tion dampers for the 230-kv. trans- sion line between Boulder Dam the Colorado River Aqueduct nping plants, in accordance with cifications No. 103. Bids may be mitted for furnishing of hollow per and steel reinforced aluminum ductor. Certified or cashier's check 000, must accompany each pro- al. Specifications may be obtained m the office of the General Manager Chief Engineer, F. E. Weymouth, m 1107, 306 West 3rd St., Los An- es, upon payment of $2 per set, not urnable.

OS ANGELES, Cal.—Until Aug. 20 A. M., bids will be received by the ropolitan Water District, 306 W. St., Los Angeles, for furnishing roximately 50,000 suspension insu- rs for 230-kv transmission line, accordance with Spec. No. 102, cop- of which may be obtained from the office of F. E. Weymouth, chief engineer and general manager, Room 1007, upon payment of $2 per set, not returnable. Certified or cashier's check for 10%.

Contractors who have procured specifications are:

Ohio Brass Co., 508 Subway Terminal Bldg., Los Angeles.

Joslyn Co. of California, 5100 District Blvd., Los Angeles.

Graybar Electric Co., 201 Santa Fe Ave., Los Angeles.

General Electric Supply Co., 385 E. 2nd St., Los Angeles.

Chas. Cooper & Co., 1562 E. Slauson Ave., Los Angeles.

Westinghouse Electric & Mfg. Co., 420 S. San Pedro St., Los Angeles.

Maydwell & Hartzell, 455 Colyton St., Los Angeles.

WAR DEPARTMENT

FORT MASON, Cal.—Until July 24, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-302, R. M. 343, Memo 6943, for furnishing:

(1) 763 ash or garbage cans, steel, corrugated, galvanized;
(2) 1656 mop handles, spring lever type;
(3) 8,928 cotton mops, narrow-band 12 lbs. per dozen;
(4) 439 ash and garbage can covers.

Specifications obtainable from above office.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until August 20, 10 A. M., bids will be received by the Metropolitan Water District, 306 West Third St., Los Angeles, for furnishing steel towers for use in the construction of a 230-kv transmission line in accordance with Specification No. 105. The work to be contracted for comprises the furnishing of fabricated steel for towers and tower foundations for approximately 237 mi. of 230-kv transmission line to be built between Boulder Dam and the Colorado River Aqueduct Pumping Plants.

Alternate bids are invited for furnishing steel towers for use with hollow copper conductors under Schedule 1, of for use with steel-reinforced aluminum conductors under Schedule 2.

The bidders must furnish as part of his proposal the name, location and description of the plant or plants in which the tower steel will be manufactured and/or fabricated.

Certified check or cashier's check in the amount of $50,000 must accompany each proposal.

Copies of the plans and specifications may be obtained from the office of F. E. Weymouth, General Manager and Chief Engineer, Room 1007, 306 West Third St., upon the payment of $5 per set.

KERN COUNTY

DELANO, Kern Co., Cal.—Until July 8, 3:30 P. M., bids will be received by the Board of Trustees of the Delano Union Grammar School, for furnishing one bus chassis and bus body, 45-50 grammar school student capacity. Bidders are requested to appraise the old Chevrolet bus in grammar school garage for trade-in. Bid on chassis and body complete not to exceed $3000.

Specifications obtainable from the above office. Karl Garner, Clerk of the Board.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

Bearings, ball; Mare Island. Sch. 5373 July 5.
OUTFITS, 10 portable, oxy-acetylene cutting and welding outfits: Mare Island. Sch. 5407; July 9.
SOCKETS, 1300 steel wire rope sockets; Mare Island; Sch. 5425; July 12.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

OAKLAND CITY

OAKLAND, Cal.—Until July 9, bet. 1 and 2 P. M., bids will be received by Oakland City Council, W. W. Chappell, City Clerk, for furnishing expansion joint filler for the fiscal year 1935-1936.

Specifications obtainable from the above office.

BUTTE COUNTY

BUTTE COUNTY, Cal.—Until July 9, 2 P. M., bids will be received by the Butte County Board of Supervisors, Court House, Oroville, for furnishing approximately 5000 tons of crushed rock for the road department for the fiscal year 1935-1936.

Specifications obtainabals from County Engineer, J. A. Bumgarnar, Court House, Oroville.

Clara A. Osborn, Clerk of the Board.

Oakland Board Of Education

OAKLAND, Cal.—Until July 9, 4 P. M., bids will be received by John W. Edgemond, Secretary, Oakland Bd. of Education for:

(1) Paintings.
(2) Oils.
(3) Varnishes.
(4) Painting materials.
(5) Shade cloth.
(6) Roofing material.
(7) Glass.

Specifications may be obtained from the Director of Purchasing, Room 115, Administration Bldg., Oakland.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1405, for the delivery and return of voting machines during the fiscal year 1935-36.

Specifications obtainable from the above office.

SAN FRANCISCO—Until July 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. UR-1403 for furnishing pipe, valves, fittings, etc., for Unemployment Relief (Sharps Park).

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excave.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

LOS ANGELES, Cal.—R. A. Wattson, 1026 N. McCadden Place, Los Angeles, at $119,860.50, submitted low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, June 19, for the construction of a concrete conduit in Pickens Canyon channel from the debris basin to Verdugo Wash, involving:

(1) 78,000 cu. yds. excavation;
(2) 100 cu. yds. compacted fill;
(3) 14,300 cu. yds. consolidated fill;
(4) 4750 cu. yds. backfill;
(5) 11,500 cu. yds. reinf. concrete;
(6) 1500 lbs. placing miscellaneous metalware;
(7) 200 lin. ft. placing tile drains;
(8) 25 lin. ft. drilling dowel holes;
(9) 9100 lin. ft. placing fence;
(10) 12,500 lbs. placing pipe railing.

The total bids were:

(A) R. A. Wattson, Los Angeles, $119,860.50
(B) Gunther & Shipley, Beverly Hills, $124,347.
(C) T. A. Allen Constr. Co., Los Angeles, $135,000.
(D) Griffith Co., Los Angeles, $141,851.25.
(E) Bent Bros., Inc., Los Angeles, $144,265.
(F) Geo. Hess, Los Angeles, $197,416.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)..	$ .45	$ .44	$ .36	$ .38	$ .50	$ .55
(2)..	.60	.30	.88	.50	1.00	.60
(3)..	.19	.16	.15	.30	.20	.18
(4)..	.15	.12	.20	.30	.22	.12
(5)..	6.95	7.43	8.90	9.06	8.60	12.85
(6)..	.08	.08	.10	.15	.05	.10
(7)..	.25	1.15	1.00	.45	.50	1.50
(8)..	1.00	1.00	1.00	1.25	1.00	2.00
(9)..	.06	.09	.07	.10	.10	.07
(10)..	.05	.04	.03	.08	.10	.10

The three low bids were taken under advisement.

LOW BIDDERS

MARICOPA COUNTY, Ariz.—F. D. Shuffelbarger, Albuquerque, N. M., submitted low bid to the Arizona State Highway Commission, Phoenix, June 21, at $125,339 (alternate $127,756) for constructing the Wickenburg bridge on the Phoe-Prescott Highway, NRM 31 (1935) AFE 536. The work, which is located across Hassayampa River at Wickenburg, consists of the construction of a steel plate girder bridge resting on concrete piers supported by either untreated timber or steel "H" column piling.

Wisconsin Bridge & Iron Co. submitted the second bid at $127,145; alternate, $128,089.

SAN FRANCISCO.—Western Iron Works, 141 Beale St., at $295.00 fob San Francisco, submitted low bid to the Forest Service, P. E. Brown, Procurement Engineer, 85 Second Street, San Francisco, under Contract No. 606, for furnishing one 30-ft. structural steel stringer span for the Lower Hall's Gulch Bridge.

Complete bids follow:

(A) Western Iron Works, $295 fob San Francisco; net.
(B) Independent Iron Works, $315 fob Oakland; net.
(C) Judson-Pacific Co., $319 fob San Francisco; net.
(D) Golden Gate Iron Works, $324 fob San Francisco; ½ of 1% 10 days.
(E) Pacific Coast Steel Corp., $327 fob Alameda; net.
(F) Schrader Iron Works, $359 fob San Francisco; net.

Bids held under advisement.

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island Oakland, under Bid No. 2628, for furnishing one 50-ft. beam span, including all structural steel, bolts for field connections, etc., with no splice, for the Coffee Creek Bridge, 66 miles northwest of Redding. Alternate bids were received for he span allowing one splice per beam:

Moore Dry Dock Co., Oakland, $629.
Judson-Pacific Co., San Francisco, $592; Alt., $738.
Golden Gate Iron Works, San Francisco, $615; Alt., $709.
Schrader Iron Works, San Francisco, $695.
Minneapolis Steel & Machinery Co., Los Angeles, $786; Alt., $932.
Independent Iron Works, Oakland, $593; Alt., $673.

The bid of the Pacific Coast Steel Co., San Francisco, at $547, with alternate of $660 was not acceptable, due to not meeting delivery requirements.

Bids held under advisement.

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $795 submitted low bid to H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 2627, for furnishing one 90-ft. continuous beam span, including all structural steel, bolts for field connections, etc., for the Rattlesnake Creek Bridge, approximately 85 miles east of Eureka and west of Redding.

Complete bids follow:

Golden Gate rion Works, San Francisco, $795.
Pacific Coast Steel Corp., San Francisco, $845.
Herrick Iron Works, Oakland, $872.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Independent Iron Works, Oakla[illegible] $900.
Judson-Pacific Co., San Francis[illegible] $909.
Schrader Iron Works, San Fra[illegible] cisco, $985.
Moore Dry Dock Co., Oakland, $[illegible] 005.
West Iron Works, San Francis[illegible] $1,049 .
Minneapolis Steel & Machinery C[illegible] Los Angeles, $1,235.
Bids held under advisement.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.[illegible] Collins & Martin, 1139 Glenn Ave., S[illegible] Jose, at $4463 submitted low bid a[illegible] awarded contract by the Santa Cla[illegible] County Board of Supervisors of S[illegible] Jose, for the construction of a rei[illegible] forced concrete bridge on Herrim[illegible] Ave. over Campbell Creek, in Supe[illegible] visor's District No. 5.

Complete bids follow:

Collins & Martin, San Jose.....$44[illegible]
Earl W. Heple, San Jose..... 52[illegible]
Carl N. Swenson, San Jose..... 55[illegible]
John Carcano, San Rafael..... 55[illegible]
Renati Bros. .....$47[illegible]
Engineer's Estimate ..... 45[illegible]

BIDS WANTED

ALAMEDA COUNTY, Cal.—Un[illegible] July 16, 10:30 A. M., bids will be r[illegible] ceived by the Alameda County Boa[illegible] of Supervisors, Court House, Oa[illegible] land, for furnishing and installi[illegible] two yielding barriers and aprio[illegible] bumpers for the Park Street Bridg[illegible] Estimated cost, $15,000.

Plans and specifications obtainab[illegible] from the County Clerk's office up[illegible] deposit of $25.

Burnet Hamilton, County Enginee[illegible]

BIDS OPENED

SAN FRANCISCO.—Golden Ga[illegible] Iron Works, 1541 Howard Street [illegible] $293 fob San Francisco, submitted to[illegible] apparent low bid to the Forest Se[illegible] vice, P. E. Brown, Procurement E[illegible] gineer, 85 Second Street, under Co[illegible] tract No. 602, for furnishing one [illegible] foot structural steel stringer span [illegible] the Upper Moores Creek Bridge.

Complete bids follow:

Golden Gate Iron Works, $293, [illegible] San Francisco; ½%.
Kyle & Co., Fresno, $312 fob Fr[illegible] 2% 10 days.
Judson-Pacific Co., $319 fob S[illegible] Francisco; net.
Pacific Coast Steel Corp., $327; [illegible] Alameda; net.
California Steel Products Co., $3[illegible] fob San Francisco; net.
Schrader Iron Works, $346 fob S[illegible] Francisco; net.
Bids held under advisement.

CONTRACT AWARDED

PORTLAND, Oregon—Pacific Co[illegible] Steel Corp., P. O. Box 44, Alame[illegible] at $29,260 fob Pottstown, Pa., awa[illegible] ed contract by the U. S. Engin[illegible] Office, 627 Pittock Block, Portla[illegible] under Bid No. 698-35-605, for furni[illegible] ing ready for erection and field riv[illegible] ing two 168-ft. rivted truss sp[illegible] complete with shoes, anchor bo[illegible] lead plates, field rivets, etc., appro[illegible] mate weight, 950,000 lbs.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—P[illegible] insula Paving Co., 9 Main St., S[illegible] Francisco, at $88,683.75 awarded co[illegible] tract by the State Highway Comm[illegible] sion, Sacramento, for the constru[illegible] tion of two timber bridges in Mon[illegible]

unty, between 38 and 43 miles of San Simeon. One is to be Limekiln Creek, consisting of 5-foot deck truss span, three steel beam spans, and approxi- 165 feet of trestle spans; the s to cross Vicente Creek, con- of one 126-foot deck truss wo 40-foot steel beam spans proximately 137 feet of trestle

RING PLANS

TURA COUNTY, Cal.—Robert Ventura County Surveyor, is ng plans for a wooden bridge ghths of a mile in length, to across the Santa Clara River pont Beach. Application for a nd grant of PWA funds will de as soon as the necessary as been assembled. The pro- bridge, which is roughly esti- at $150,000, will consist of a deck bridge set on piling ort pile bents.

OPENED

ERNMENT ISLAND, Calif. — Gate Iron Works, 1541 Howard n Francisco, at $880 fob San co, submitted the apparent low Frank Haynie, Supply Officer, Service Supply Depot, Govern- sland, Oakland, under Bid No. r furnishing one 55-ft. stand- ough truss span, including all ral steel, bolts for field con- s, etc., for the Kosh Creek approximately 55 miles north- Redding.

lete bids follow:

Gate Iron Works, $880 fob San ncisco.

Iron Wks, $920 fob Oakland.

Pacific Co., $945 fo S. F.

Dry Dock Co., $986 fob Oakland r Iron Works, $1,025 fob San ncisco.

Coast Steel Corp., $1,155 fob meda.

polis Steel & Machinery Corp., fob Los Angeles.

held under advisement.

DREDGING HARBOR ORKS EXCAVATION

T ASKED

DIEGO, Cal.—Application has ade by the Commandant, 11th District for War Department to install a seaplane runway the two existing runways at th beach of the U S. Naval tion, North Island, San Diego extend about 130 feet chan- of the present pierhead line, dredge incidental thereto, the material to be deposited rd of combined pierhead and d line. Drawing showing the and plan of the proposed ay be seen in the office of the Engineer, 751 S. Figueroa St., geles, until 11 A. M., Satur- ne 29. Major H. H. Stickney, engineer.

- Oakland Bay Bridge trical Work—(State)

FRANCISCO.—Alta Electric & ical Co. and the American g Maintenance Co., 467 O'Far- S, at $442,939, as previously re- submitted low bid to the De- nt of Public Works, San Fran- Oakland Bay Bridge Division, rS11, 500 Sansome Street, June work on the construction of the elec- ork on the San Francisco-Oak- ay Bridge and its highway ap- ches.

were taken as follows:

S. F.-OAKLAND BAY BRIDGE ELEC. WORK — (STATE)
Continued

Contract No. 11 (Bridge)

(1) Supply stations, lump sum;
(2) Substation No. 1, lump sum;
(3) Substation No. 2, lump sum;
(4) Substation No. 3, lump sum;
(5) Substation No. 4, lump sum;
(6) Substation No. 5, lump sum;
(7) Battery station, lump sum;
(8) Control station, lump sum;
(9) Distribution cable, lump sum;
(10) Control cable ,lump sum;
(11) Communication equip., lump sum
(12) Do wiring, lump sum;
(13) Navigation lights and airways beacon equip., lump sum;
(14) Navigation lights and Airways beacon wiring, lump sum;
(15) Fog signal equipment, lump sum;
(16) Fog signal wiring, lump sum;
(17) Service circuits, lump sum;
(18) 78 lighting standards, Type B;
(19) 4 do, Type C;
(20) 32 do, Type D;
(21) 36 do, Type E;
(22) 110 do, Type F;
(23) 48 do, Type G;
(24) 4 do, Type H;
(25) 14 do, Type J;
(26) 2 do, Type L;
(27) 2 do, Type M;
(28) 310 luminaire units, Type B;
(29) 14 do, Type C;
(30) 20 do, Type D;
(31) 176 do, Type E;
(32) 64 do, Type F;
(33) 6 do, Type G;
(34) 14 do, Type J;
(35) 4 do, Type K;
(36) Roadway lighting cable, lump sum;
(37) Spare equipment, lump sum;

Contract No. 11A (Approaches)

(38) Substation No. 6, lump sum;
(39) Distribution cable, lump sum;
(40) Control cable, lump sum;
(41) Communication equip., lump sum
(42) do wiring, lump sum;
(43) Service circuits, lump sum;
(44) 16 lighting standards, Type A;
(45) 32 do, Type B;
(46) 85 do, Type C;
(47) 51 do, Type K;
(48) 16 do, Type A;
(49) 176 do, Type B;
(50) 44 do, Type G;
(51) 29 do, Type H;
(52) Roadway lighting cable, lump sum;
(53) Spare equipment, lump sum.

Complete total bids follow:

(A) Alta Electric & Mechanical Co. and American Building Maintenance Co.: (11) $353,324; (11A) $89,615; total $442,939.

(B) NePage-McKenny and McKenny Bros.: (11) $356,624; (11A) $89,221; total, $445,845.

(C) Radelfinger Bros.: (11) $365,373; (11A) $93,042; total, $458,415.

(D) Clinton Const. Co.: (11) $404.-444; (11A) $93,856; total, $498,300.

(E) Newbery Electric Corp., Los Angeles: (11) $405,469; (11A) $104,117; total, $509,586.

(F) Bridge Builders, Inc., Oakland: (11) $522,247; (11A) $125,530; total, $647,777.

(G) C. C. Moore & Co.: (11) $537,985 (11A) $110,944.90; total, $648,929.90.

All bidders of San Francisco unless otherwise noted.

Complete unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 5,137	$ 6,790	$ 6,465.00	$ 7,000	$ 7,846	$ 8,500	$ 9,320.00
(2)	6,213	7,615	8,182.00	8,300	8,300	12,500	12,240.00
(3)	3,714	5,077	5,434.00	5,700	5,200	8,700	8,420.00
(4)	5,906	7,902	8,288.00	8,800	9,325	12,800	12,950.00
(5)	7,117	9,609	9,828.00	10,600	8,000	14,600	14,750.00
(6)	6,828	8,717	9,428.00	9,700	11,073	13,600	14,240.00
(7)	1,778	2,426	2,148.00	2,600	2,958	3,100	3,540.00
(8)	3,667	4,285	4,666.00	6,000	4,827	12,300	6,480.00
(9)	56,228	49,994	50,539.00	61,000	57,550	79,505	71,300.00
(10)	62,642	60,128	61,087.00	70,000	67,650	89,600	86,200.00
(11)	4,863	6,239	6,760.00	7,500	7,340	12,400	11,800.00
(12)	899	732	694.00	1,000	807	900	1,868.00
(13)	7,839	9,754	9,880.00	12,300	11,930	12,400	17,800.00
(14)	19,209	16,470	16,975.00	20,500	21,035	21,700	35,200.00
(15)	1,299	1,892	1,846.00	1,300	1,390	2,900	11,360.00
(16)	16,113	11,486	11,180.00	16,000	14,990	15,700	26,400.00
(17)	18,758	14,393	14,525.00	21,000	18,634	19,300	27,100.00
(18)	80	89	93.50	67	103	121	110.40
(19)	80	96	100.00	72	110	128	115.00
(20)	90	106	111.00	85	121	142	132.60
(20)	100	115	122.00	100	131	154	161.30
(22)	80	94	98.00	73	106	127	106.10
(23)	80	94	98.00	73	108	127	121.10
(24)	30	44	45.00	45	52	64	59.70
(25)	80	95	100.00	71	107	129	117.50
(26)	80	92	95.00	70	102	124	115.40
(27)	75	85	89.00	65	100	117	111.60
(28)	85	110	113.00	113	122	144	138.00
(29)	85	112	120.00	121	131	144	149.50
(30)	85	115	116.00	115	124	143	143.50
(31)	85	112	115.00	120	123	143	142.00
(32)	85	113	113.00	117	111	146	138.60
(33)	160	200	212.00	205	230	273	248.50
(34)	50	92	78.00	85	83	104	99.30
(35)	80	109	114.00	120	122	143	136.90
(36)	41,482	27,961	29,056.00	34,000	31,318	44,000	35,800.00
(37)	4,882	5,648	6,001.00	5,800	5,364	7,400	7,230.00
(38)	3,107	4,032	4,291.00	4,400	4,235	7,500	7,080.00
(39)	7,723	5,667	5,840.00	6,300	11,511	10,300	6,400.00
(40)	8,827	7,473	8,456.00	8,800	8,125	10,700	9,420.00
(41)	258	257	271.00	300	319	650	469.00
(42)	148	98	84.00	100	169	200	162.00
(43)	1,352	1,424	1,485.00	2,350	1,729	2,660	1,896.00
(44)	90	111	117.00	113	124	147	145.50
(45)	80	89	93.00	67	101	121	119.46
(46)	80	95	100.00	72	98	128	128.40
(47)	75	87	91.00	88	99	119	117.30
(48)	65	71	94.00	78	80	100	92.80
(49)	85	109	114.00	113	128	144	127.20
(50)	160	200	214.00	205	254	273	248.00
(51)	160	203	217.00	210	226	279	252.00
(52)	25,569	17,749	16,942.00	20,600	17,491	22,900	20,100.00
(53)	321	378	407.00	300	405	500	446.00

nage, 2000; (minimum of 1500 tons or maximum of 2500 tons).

(2) Lifting and re-seating of rock now in place in breakwater above an elevation of 5 ft. below mean lower low water; estimated number of rocks 20.

COMPLETE BID LISTING

SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Front, San Diego, at $66,070.48, submitted low bid and recommended for award of contract by the Pacific Works Officer, Headquarters, 11th Naval District, foot of Broadway, San Diego under Spec. No. 7994, for the construction of two concrete runways for seaplanes at the Naval Operating Base (Air Station) San Diego.

The work includes the provision of materials for the construction of: (a) a concrete platform and approach ramp on the shore; (b) an inclined concrete seaplane runway 35 ft. wide extending outboard over and into the water, a distance of approximately 244 ft.; (c) a second inclined concrete seaplane runway 35 ft. wide connected to an existing seawall and extending outboard over and into the water, a distance of approximately 174 l.f. The work also includes cofferdams as required for installation of the concrete runways and dredging incidental to the construction and use of the runways. Runways will be paved in part with granite blocks and will be founded on precast concrete piles.

Complete bids follow :

Chas. and F. W. Steffgen, San Diego, $66,070.48.

Parish Bros., Los Angeles, $68,684.

Merritt-Chapman & Scott Corp., San Pedro, $71,099.

V. R. Dennis Const. Co., San Diego, $74,181.

J. A. Hunt, San Diego, $76,000.

Ben C. Gerwick, Inc., San Francisco, $76327.

Geo. Hess Los Angeles, $84,643.

Shofner & Gordon, Los Angeles, $149-448. 22

23—IRRIGATION PROJ.

BIDS WANTED

OWHYEE PROJECT, Oregon-Idaho. —Until July 15, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 694-D for the construction of structures, North Canal laterals N.C. 25.4 to 25.4-4.8, Mitchell Butte Division, Owyhee Project.

The work is located near Dunaway, Oregon, and involves:

(1) 3,560 c.y. all classes of excavation for structures;
(2) 2,700 c.y. backfill;
(3) 980 c.y. concrete in structures;
(4) 1,750 sq. yds. dry-rock paving;
(5) placing 56,000 lbs. of reinf. bars;
(6) laying 1,800 l.f. of 15- to 48-inch diameter concrete pipe;
(7) installing 9,300 lbs. of gates and gate hoists;
(8) erecting 3 M F B M of timber in structures.

Work shall be commenced within 30 calendar days and completed with in 180 calendar days after date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, Oregon, and at Denver, Colo. without charge to prospective bidders; to others, $3 not returnable.

24— STREET LIGHTING SYSTEMS

BIDS OPENED

SAN FRANCISCO. — R. Flatland, 15th and Mission Sts., at $3,250 submitted low bid to the Public Utilities Commission, City Hall, under L. & P. Contract No. 7, for the installation of an ornamental street lighting system on the Embarcadero between Market and Howard Streets

The work involves:

(1) 9 each ornamental iron standards;
(2) 9 each luminaries with compensators;
(3) 9 each 4,000 lumen 15 ampere Mazda street series lamps;
(4) 9 each concrete foundations for standards;
(5) 1,150 feet 1½-in. black conduit;
(6) 2,800 ft. 5,000 volt single conductor No. 8 AWGR and L C wire.

Complete bids follow:

R. Flatland	$3,250
H. C. Reid & Co.	3,311
Geo. E. Brayer Co.	3,365
Scott - Buttner Elec. Co.	3,420
Abbett Elec. Co.	3,566
Central Electric Co.	3,670
Enterprise Electrical Works	3,708
A. Soda & Son, Oakland	3,848
Weidenthal-Gosliner, Inc.	3,970

All bidders of San Francisco unless otherwise noted.

Bids held under advisement.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CANYON, Nev.—Following bids received by the Bureau of Reclamation, Denver, June 18, under Spec. No. 689-D, for furnishing two gages for indicating the water levels in the forebay and tailrace and one gage for indicating and recording water levels in the river at the gaging station, for installation in the Boulder Power Plant:

Leupold, Volpel & Co., $1867 f.o.b. Portland; net.

Julien P. Friez & Sons, Inc., $2194; Alt $2374; f.o.b. Baltimore; ½%.

Bids held under advisement.

BIDS OPENED

NORTH HOLLYWOOD, Cal.—Following bids received by State Purchasing Agent, 323 State Capitol, Sacramento, June 21, under Quotation No. 57006, Req. No. 7343, for furnishing one ⅜ cu. yd. gasoline powered shovel:

Crook Co., bidding on a Bucyrus-Erie 10-B, with trailer, $6,368; 2% 30 days.

Shepherd Tractor & Equipment Co.: Seater with trailer, 57,025.

Spears Wells Machinery Co.: bidding on Michigan crawler with McCormick-Deering Model 20 power unit $6,150; 2% 15 days.

Austin Western Road Machinery Co. Austin Badger with RHC1 30 motor, for transport truck, no canopy or cab, $6,250.

General Excavation Co.: bidding on General Excavator mounted on crawlers, $5,750; 2% 5 days.

O. R. Peterson Co.: biding on Universal 310, with trailer, no cab, $5,-850.

Harnsichfeger Sales Corp.: bidding on P lb H Model 100, with trailer, $5-894.60; discount, $107.70, 15 days.

Brown Bevis Equipment Co.: bidding on Bay City, with Austin Western or standard Bay City Model 20 trailer, $5770; additional $150 for canopy top and side curtains; $110 for McCormick Deering 30 power unit in place of Model 20.

Norris K. Davis Co.: bidding on Model 32L Hanson with trailer, $5,-415; 2%; 15 days.

Collins Machinery Co., bidding on Hansen used shovel, 53,350; on Model 32L, with trailer, $5,422

Garlinghouse Bros.: bidding on a standard Bear Cat, Jr., $4,815; additional $150 for power - driven boom hoist; $175 for semi-cab; 2%; 30 days.

Harron, Rickard & McCone: bidding on Insley, with trailer, no canopy or cab, $5,206.

Bids held under advisement.

CONTRACT AWARDED

SAN LUIS OBISPO, Calif.—Aus Western Road Machinery Co. at $ 216, 2% 30 days, awarded contract the State Purchasing Agent, Sac mento, under Quotation No. 573 Requisition 54, for furnishing one n tor grader fob San Luis Obispo.

Austin Western Road Machin Co.; Weaver Rye Tractor Co.; J. Adams Co., and Smith Booth Usl submitted identical bids at $1,216, 30 days.

26—— RAILROADS

NEW BIDS ASKED

OAKLAND, Cal.—Until July 8, 4 P. M., new bids will be received the City of Oakland Port Commissi for furnishing and delivering tra materials on the dock at the Sever Street Unit, Outer Harbor Termin Oakland.

The only bid received June 18, th of the Pacific Coast Steel Co., 2 and Illinois Sts., San Francisco, $4,381.65, has been rejected.

Specifications obtainable from abo office.

28 — FIRE EQUIPMENT

BIDS OPENED

OAKLAND, Cal. — Following bi received by the Oakland City Counc W. W. Chappell, City Clerk, for fu nishing 10,000 ft., more or less, 2¾-in. fire hose:

Pioneer Rubber Co., San Francis $0.96.

Fabric Fire Hose Co., Oakland, $1 and $1.10.

American Rubber Mfg. Co., Oaklan $0.96.

Cameron's Inc., Oakland, $1.20 a $1.30.

Bids held under advisement.

TO ASK BIDS

SANTA CRUZ, Santa Cruz Co., C —City Council has ordered plans a specifications prepared for a 500-g pumper, and bids will be asked shor ly.

29—STREETS AND HIGH WAYS

June 27, 1935

FENCE ESTIMATES AVAILABLE

VENTURA and Los Angeles Co Cal.—E. Jameson, Fence Contract Box 1171, Sacramento (Main 8184) c furnish estimates or sub-bids on t fence and items pertaining to fen for the grading and paving with Por land cement and widening of t bridges in Ventura and Los Angel counties for the State of Californ for which bids will be opened Ju 11, 2 P. M., by the State Highw Engineer in Los Angeles.

BIDS OPENED

SAN LEANDRO, Alameda Co., C —Heafey-Moore Co., 344 High Stre Oakland, at $3.24 per barrel submi ted low bid to the San Leandro Cl Council for furnishing and spread oil on street surfaces and other pu lic works for the fiscal year endi June 30, 1936.

Hayward Building Supply Co., Ha ward, at $13 per ton, delivered Corporation Yard, submitted the on other bid, which was disqualified b cause not accompanied by a bid bon

Bid held under advisement.

CONTRACT AWARDED

ESMERALDA COUNTY Nev. — B. Lee, 1059 Carpentier Street, S Leandro, Calif., at $41,527.23 submi ted low bid and awarded contract the Nevada State Highway Directo Robert A. Allen, State Highway E gineer, Carson City, for the constru

on of an asphaltic roadmix surface
a portion of the State Highway
ystem in Esmeralda County, Route
Sections D and E, from four miles
est of Millers to Coaldale, a length
approximately 23.2 miles.
Dodge Construction, Inc., Fallon,
. $42,783.17 submitted second low
d.

IDS WANTED

SAN DIEGO COUNTY, Cal.—Until
ly 18, 2 P. M., bids will be re-
ived by the Bureau of Public
oads, 807 Sheldon Bldg., 461 Market
t., San Francisco, for grading and
acing subgrade reinforcement on
.985 miles of Sections C and D of
oute 73, the Laguna National Forest
ighway, Cleveland National Forest,
an Diego County.
A portion of the contract (6.886
iles, Section C) was previously ad-
rtised and bids rejected.
The work involves:
1) 57 acres clearing;
2) 347,500 c.y. unclass. excav.;
3) 2,300 c.y. do for structures;
) 1,141,500 sta. yds. overhaul;
5) 69,200 c.y. mi. overhaul;
6) 4,580 l.f. CMP;
7) 331 c.y. concrete;
8) 18,100 lbs. reinforcing steel;
9) 28 each steel gates;
0) 2each, Type A spillway inlets;
1) 214 l.f. wood guard rail;
2) 190 l.f. 6-in. porous tile underdrain;
3) 12,000 l.f. Type I protection ditch
4) 5 each fence gates;
5) 96 each, culvert markers;
6) 86 each right of way monuments.
Plans and specifications obtainable
om the above office upon deposit of
'0.00.

IDS OPENED

SOUTH SAN FRANCISCO, San Ma-
o Co., Cal.—Identical bids at $.02
r l.f. for cutting all weeds in park-
g areas and the areas between the
dewalks and property lines on cer-
n streets, were received by South
an Francisco City Council from An-
lo Monettini and A. Perantl.
Bids held under advisement.

ONTRACT AWARDED

WHITE PINE COUNTY, Nevada.—
odge Construction, Inc., Fallon, at
5,569.45 sumitted low bid and award-
contract by Nevada State High-
ay Directors, Robert A. Allen, State
ighway Engineer, Carson City, for
e construction of an asphaltic road-
ix surface on a portion of the State
ighway System in White Pine Co.,
oute 38, Section B, between Pres-
n and Junction with State Route
a length of approximately 7.35 mi.
J. C. Compton, McMinnville, Ore..
$15,858.50 submitted second low bid.
Complete bids will be given shortly.

IDS OPENED

LYON COUNTY, Nev.—U. B. Lee,
59 Carpentier St., San Leandro, Cal.
$13,789.80 submitted low bid to the
evada State Highway Directors, R.
Allen, State Highway Engineer,
arson City, for the construction of
asphaltic roadmix surface on a
rtion of the State Highway System
Lyon County, Route 2B, Section
from Wabuska to a point 8.5 miles
rth, a length of approximately 8.54
iles.
J. A. Casson, Hayward, at $14,746
bmitted second low bid.
Bids held under advisement pend-
g recommendation by the U. S. Bu-
au of Public Roads.
Complete bids will be given shortly.

IDS OPENED

SAN LUIS OBISPO COUNTY, Cal.
L. A. Brisco, Arroyo Grande, at $3,-
3.75 submitted low bid to the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for the construction of about 2.6 miles of property fences in San Luis Obispo County, between Morro and Atascadero.

The work involves:
(1) 5.45 mi. new property fence;
(2) 17 each, drive gates;

Complete bids follow:
L. A. Brisco, Arroyo Grande, (1) $495 (2) $18; total, $3003.75.
Theo. M. Maino, San Luis Obispo, (1) $576; (2) $14.49; total $3385.53.
Jas. S. Butler, San Luis Obispo, (1) $600; (2) $20; total, $3610.
Walter B. Roselip, San Luis Obispo, (1) $638; (2) $17.55; total, $3775.45
J. R. Reeves, Sacramento, (1) $800; (2) $30; total, $4870

BIDS WANTED

LOS ANGELES & KERN COUNTIES, Cal.—Until July 18, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying road mix surface treatment to existing roadbed shoulders for a distance of about 13.7 miles, and applying a bituminous seal coat to treated shoulders for a distance of about 24.9 miles, in Los Angeles and Kern Counties, between Lancaster and Mojave.

The work involves:
(1) 134,000 sq. yds. preparing, mixing and shaping shoulders (road-mix surface treatment);
(2) 140 tons liquid asphalt, SC-2 (prime coat);
(3) 1100 tons liquid asphalt, SC-2 (road-mix surface treatment);
(4) 220 tons liquid asphalt 90-95 (seal coat);
(5) 2550 tons screenings (seal coat).

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

NAPA COUNTY, Cal.—Until July 17, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.1 miles grading and surfacing with crusher run base and plant-mixed surface, at various locations in Napa County, between Carneros Creek and Napa.

The work involves:
(1) 45,000 gals. water;
(2) 450 cu yds. roadway excavation, unclassified;
(3) 4300 cu. yds. imported borrow;
(4) 2800 tons crusher run base;
(5) 15 tons liquid asphalt, MC-2 (prime coat);
(6) 2050 tons mineral aggregate, (plant-mixed surfacing);
(7) 110 tons liquid asphalt, MC-5 or MC Extra Heavy (plant-mixed surfacing);
(8) 10 tons liquid asphalt, MC-3 (seal coat);
(9) 125 tons screenings (seal coat).

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on July 3 and in Los Angeles on July 11:

II-Sis-72-B between Cougar and 4 miles northeast of Grass Lake Station, to be opened July 3: PLANS (No. of Sheets) 21; (Cost) $2.10; CROSS-SECTIONS (No. of Sheets) 80 (Cost) $8; (Total) $10.10.

IV-Son-1-SRo, in the City of Santa Rosa, between College Ave. and south city limits, to be opened July 3: PLANS (No. of Sheets) 11; (Cost) $1.10; CROSS-SECTIONS (No. of Sheets) 19; (Cost) $1.90; (Total) $3.

X-Sta-41-B, between 0.8 mile north of Newman and 0.2 mile south of Crows Landing, to be opened July 3: PLANS (No. of Sheets) 18; (Cost) $1.80; CROSS-SECTIONS (No. of Sheets) 166; (Cost) $16.60; (Total) $18.40.

VII-LA-168-A, Cerritos Avenue between Los Angeles St. and Artesia Ave., to be opened July 11: PLANS (No. of Sheets) 27; (Cost) $2.70; CROSS-SECTIONS (No. of Sheets) 180; (Cost) $18; (Total) $20.70.

XI-Riv-SBd-146-CDE&A, between 6 miles north of Blythe and Vidal, to be opened July 11: PLANS (No. of Sheets) 2; No charge.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

NOTICE TO BIDDERS

STANISLAUS COUNTY, Calif. — A representative of the District Office will accompany prospective bidders over the proposed project in Stanislaus County between 0.8 mile north of Newman and 0.2 mile south of Crows Landing, for which bids are to be received in Sacramento on July 3.

Said representative will meet prospective bidders at Crows Landing on Thursday, June 27, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

BIDS OPENED

COCONINO COUNTY, Ariz.—Identical bids at $10 per ton, total $1800 were received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing approximately 180 tons asphaltic road material 95 plus, for use on Sections B and C of Route 4, the Ashfork - Flagstaff - Angell National Forest Highway, Kaibab National Forest, Coconino County.

The bidders were:
Gilmore Oil Co., f.o.b. Bakersfield.
Union Oil Co., f.o.b. Bakersfield.
Shell Oil Co., f.o.b. Bakersfield.
Standard Oil Co., f.o.b. Bakersfield or Seguro.

Bids held under advisement.

CONTRACT AWARDED

DOUGLAS COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $72,012.84 submitted the low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for the construction of an asphaltic roadmix surface on a portion of the State Highway System in Douglas County, Route 37, Section A, from the California-Nevada State Line to 4 miles south of Minden, a length of approximately 3.86 miles.

Jack Casson, Hayward, Calif., at $79,089.10 submitted second low bid.

Complete bids will be given shortly.

BIDS WANTED

WHATCOM COUNTY, Wash.—Until July 9, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, for constructing the Baker River Reconstruction, Grading and Bridges Project NR-25-A4, B3, National Forest Road Project, located within Mt. Baker National Forest, Whatcom County, Wash.

The work involves:
(1) 2 acres clearing;
(2) 7,300 c.y. unclass. excav.;
(3) 6 only log stringer spans in place
(4) 1,250 l.f. logs in log bents;
(5) 65 c.y. Class S concrete;
(6) 2,000 c.y. loose riprap.

Plans and specifications obtainable from the above office upon deposit of $10.

AWARD RECOMMENDED

TEHAMA COUNTY, Calif.—Tiffany Const. Co., 535 N. Seventh St., San Jose, at $4,198 submitted low bid and recomended for award of contract by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for 4.911 miles of bituminous treatment (light surface application) of Section B, the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama County.

The work involves:
(1) 200 tons liquid asphaltic road material, Type SC-2;
(2) Extra work, sanding pavement;
(3) Extra work, maintaining traffic.

Complete bids follow:
Tiffany Const. Co., San Jose: (1) $18.74; (2) $250; (3) $200; total, $4,198.
C. F. Fredricksen & Sons, Lower Lake: (1) $23; (2) $250; (3) $200; total, $5,050.
Engineer's estimate: (1) $23; (2) $250; (3) $200; total, $5,050.

BIDS OPENED

COCONINO COUNTY, Ariz. — Arizona Sand & Rock Co., Box 1522 Phoenix, at $18,580 submitted lowest of four bids received by the Bureau of Public Works, 802 Title and Trust Bldg., Phoenix, for placing a seal coat on 15.448 miles of Sections B and C of Route 4, the Ashfork-Flagstaff-Angell National Forest Highway, Kaibab National Forest, Coconino Co.

Total bids follow:
(A) Arizona Sand & Rock Co., Phoenix, $18,580.
(B) Tanner & Hall, Phoenix, $19,050.
(C) Pearson & Dickerson, Prescott, $19,240.
(D) Phoenix-Tempe Stone Co., $19,275.
(E) Engineer's estimate, $14,260.

Unit bids will be given shortly.

29

June 26, 1935

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal. —Union Paving Co., 624 Call Bldg., San Francisco, at $22,666.05 awarded contract by the Richmond City Council, for the resurfacing of Macdonald Avenue ,rom Garrard Blvd. to 23rd Street.

BIDS OPENED

AMADOR AND ALPINE COUNTIES, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $7845 submitted low bid to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for about 21.9 miles liquid asphalt treatment in Amador and Alpine Counties, between Cooks Station and Picketta.

The work involves:
(1) 40 tons liquid asphalt, SC-4 (Location A);
(2) 255 tons do, SC-2 (Location A);
(3) 40 tons do. (Location B);
(4) 60 tons do, SC-4 (Location B).

Total bids follow:
(A) Lee J. Immel, Berkeley, $7845.
(B) Hayward Building Material Co., Hayward, $9048.

	(A)	(B)
(1)	$22.00	$24.40
(2)	19.00	22.40
(3)	20.00	22.40
(4)	22.00	24.40

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Geo. R. Curtis Paving Co., 2440 East 26th St., Los Angeles, at $77,357.43 awarded contract by the Los Angeles County Board of Supervisors for the improvement of Mission Street and Pasadena Avenue in the City of South Pasadena, from Fair Oaks Avenue to the west city boundary at Arroyo Verde Road, a total distance of 8512 l.f., or 1.61 miles, under Cash Contract No. 474.

CONTRACT AWARDED

LANDER COUNTY, Nev. — Dodge Construction, Inc., Fallon, at $68,473.20 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for the construction of a portion of the State Highway System in Lander County from Austin Cemetery to a point 12 miles east of Austin, Route 2, Sections D and E, a length of 12.41 miles.

Isbell Construction Co., Reno, at $69,788.60 submfitted second low bid.

Complete bids will be given shortly.

CONTRACT AWARDED

ELKO COUNTY, Nev.—C. F. Fredericksen & Sons, Lower Lake, Calif., at $121,751.75 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for the construction of an asphaltic roadmix surface on a portion of the State Highway System in Elko County, Route 13, Section C, from Wells to the Nevada-Idaho State Line, a distance of approximately 67.95 miles.

Geo. French, Jr., Stockton, at $122,357.80 submitted second low bid.

Complete bids will be given shortly.

BIDS OPENED

TUOLUMNE COUNTY, Calif.—Lambs Transfer Co., 828 Cowles St., Long Beach, at $7,544.60 submitted low bid to the Department of Public Works, Division of Highways, R. E. Pierce, District Engineer, Stockton, for about 21.1 miles of liquid asphalt treatment in Tuolumne County, between Hump Siding and Sonora Pass.

The work involves:
(1) 235 tons liquid asphalt, SC-2 (Location A);
(2) 150 tons do (Location B).

Complete bids follow:
Lambs Transfer Co., Long Beach: (1) $19.16; (2) $20.28; total, $7,544.60.
Hayward Bldg. Materials Co., Hayward: (1) $22.30; (2) $22.30; total $8,585.50.

Bids forwarded to Sacramento for award.

CONTRACTS AWARDED

OAKLAND, Calif.—The East Bay Municipal Utility District has awarded contracts under Spec. No. LS 149 for furnishing material and performing work for the repair of approximately 45,000 sq. ft. of asphaltic street pavement, as follows:

Ransome Co., 4030 Hollis St., Emeryville:
(1) 1,000 cu. ft. asphaltic concrete base, $300;
(2) 45,000 sq. ft. asphalt for surfacing, $8,190;
(3) 1,000 sq. ft. asphalt for patching, $100.

Independent Const. Co., Ltd., 4[illegible] Ave. and Clement St., Oakland
(4) 1,000 c.y. concrete, wet mix, [illegible] 210.

June 21, 193[illegible]

BIDS WANTED

SHASTA COUNTY, Cal.—Until Ju[illegible] 16, 2 P. M., bids will be received [illegible] the Bureau of Public Roads, [illegible] Sheldon Bldg., 461 Market St., S[illegible] Francisco, for grading 4.839 miles [illegible] Section G of Route 77, the Mt. Shas[illegible] and Lassen National Forests, Shas[illegible] County.

The work involves:
(1) 32 acres clearing;
(2) 75 acres cleanup clearing;
(3) 5400 cu. yds. unclassified exca[illegible]
(4) 130 cu. yds. for structures;
(5) 65,300 cu. yds. unclassified e[illegible] cavation for borrow;
(6) 4.839 mi. finishing earth-grad[illegible] road;
(7) 18,000 sta. yds. overhaul;
(8) 67,000 cu. yds. mi. borrow hau[illegible]
(9) 1400 M. gals. watering;
(10) 23 cu[illegible] yds. concrete;
(11) 225 lbs. reinforcing steel;
(12) 530 lin. ft. C.M.P.;
(13) 28 each culvert markers;
(14) 14 each, right-of-way monumer[illegible]
(15) 15.3 MFBM untreated timber.

Plans and specifications obtainal[illegible] from the above office upon deposit [illegible] $10.

CONTRACT AWARDED

SAN FRANCISCO. — Fay Improv[illegible] ment Co., 760 Market Street, at $[illegible] 021.87 submitted low bid and awa[illegible] ed contract by Department of Pub[illegible] Works, City Hall, under Spec. [illegible] 18,866, for the improvement of [illegible] roadway of Spruce Street betwe[illegible] Jackson and Washington Streets [illegible] construction of a 14-foot concrete ce[illegible] ter strip

The work involves:
(1) 3576 sq. ft. remove brick weari[illegible] surface and replace with Cl[illegible] E concrete center strip;
(2) 194 sq. ft. remove existing asphi[illegible] concrete pavement and repla[illegible] with an asphalt concrete pa[illegible] ment consisting of a 6-in. Cl[illegible] F concrete base and a 2-inch a[illegible] phaltic concrete wearing s[illegible] face where directed;
(3) 124 sq. ft. remove and replace [illegible] isting brick pavement where [illegible] rected.

Total bids follow:
(A) Fay Improvement Co., $1,021.8[illegible]
(B) R. S. Silverberg, $1,124.52.
(C) Theo. Cohn, $1,168.20.
(D) U. Peira & Son, $1,183.30.
(E) M. Bertolino, $1,190.30.
(F) Chas. L. Harney, $1,229.13.
(G) E. J. Treacy, $1,351.48.

All bidders of San Francisco.

Unit bids follow:

	(1)	(2)	(
(A)	$0.26	$0.315	$0[illegible]
(B)	.27	.50	
(C)	.30	.30	
(D)	.30	.25	
(E)	.30	.45	
(F)	.31	.385	
(G)	.33	.50	

June 24, 193[illegible]

CONTRACT AWARDED

SAN FRANCISCO. — Pacific Pa[illegible] ments Co., Ltd., 85 Barstow Stre[illegible] at $829.95 submitted low bid and w[illegible] awarded contract by the Departm[illegible] of Public Works, City Hall, un[illegible] Spec. No. 18,865, for reconstruct[illegible] of the roadway of Union Street [illegible] tween Battery and Front Streets, [illegible] cept that portion required by law [illegible] be kept in repair by owners of t[illegible] railroad tracks thereon. Estimat[illegible] cost, $1,000.

The work involves:
(1) 69 tons asphaltic concrete bind[illegible] in place;

2) 136 tons 2-inch asphaltic concrete wearing surface, in place.
Complete bids follow:
Pacific Pavements Co., Ltd.: (1) 1.75; (2) $4.20; (3) total, $829.95.
Fay Improvement Co.: (1) $5; (2) 5.35; (3) $1,072.60.
Chas. L. Harney: (1) $5.80; (2) $5; (3) $1,080.20.
Theo. Cohn: (1) $5.70; (2) $5.70; (3) $1,168.50.
All bidders of San Francisco.

CONTRACT AWARDED

SAN FRANCISCO. — E. J. Treacy, 109 Call Bldg., San Francisco, at $7,-417.80 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,861, for widening the roadway on Lake Street between Arguello Blvd. and Sixth Avenue.

BIDS OPENED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Bldg., San Francisco, at $35,284 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 81, for the repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department, for the fiscal year ending June 30, 1936.

The work involves:
1) 30,000 sq. ft. light traffic concrete paving base and wearing surface;
2) 100 sq. ft. heavy concrete with binder and wearing surface;
3) 14,000 sq. ft. 6-in. Class E concrete pavement;
4) 500 sq. ft. brick pavement on concrete base, including brick gutters;
5) 100 sq. ft. asphaltic concrete 3½-in. base with 1½-in. wearing surface;
6) 400 sq. ft. basalt blocks on concrete base;
7) 5000 sq. ft. basalt blocks on sand;
8) 47,000 sq. ft. sidewalks, all types;
9) 1000 sq. ft. 2-in. sheet asphalt wearing surface only;
10) 100 sq. ft. 6-in. Class F concrete base only;
11) 60,000 sq. ft. asphaltic concrete, 6-in. base with 1½-in. wearing surface;
12) 100 sq. ft. asphaltic concrete, 8-in. base with 1½-in. binder course and 1½-in. wearing surf
13) Oiled macadam: (a) 100 sq. ft., 4-in. base; (b) 2500 sq. ft. 8-in. base.

Total bids follow:
(A) Chas. L. Harney, San Francisco, $35,284.
(B) Pacific Pavements Co., Ltd., San Francisco, $38,040.
(C) Department of Public Works, San Francisco, $41,848.

Unit bids follow:

	(A)	(B)	(C)
(1)	$0.25	$0.28	$0.31
(2)	.40	.40	.50
(3)	.19	.25	.28
(4)	.55	.50	.60
(5)	.20	.25	.28
(6)	.32	.30	.26
(7)	.105	.10	.08
(8)	.185	.17	.20
(9)	.08	.10	.08
(10)	.18	.20	.25
(11)	.25	.28	.30
(12)	.35	.40	.35
(13a)	.08	.05	.06
(13b)	.12	.10	.08

Bids held under advisement.

BIDS OPENED

SACRAMENTO, Cal.——A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $0.009 per sq. ft. submitted low bid to the Sacramento City Council, June 20, for planing and shaping to a uniform cross section, 500,000 sq. ft., more or less, of pavement.

Complete bids follow:
A. Teichert & Son, Inc., Sacto... $0.009
J. R. Reeves, Sacramento..... .01
Asphalt Pavement Planing Co., Oakland ..... .012
Bids held under advisement.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $16.45 per ton, total, $1,-398.25 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for applying a bituminous dust palliative on 7.206 miles of Section C of Route 38, the Sonora Pass National Forest Highway, and Section A of Route 83, the Pine Crest National Forest Highway, Stanislaus National Forest, Tuolumne County.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Burrell Bldg., San Jose, at $3344 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for the improvement of San Antonio Ave. from San Jose-San Francisco Road to Alma St., in Supervisor's District No. 5, involving construction of 62,000 sq. ft. of oil macadam pavement. Complete bids follows:
A. J. Raisch, San Jose.....$3344
Earl W. Heple, San Jose..... 3393
L. F. Piazza, San Jose..... 3500
O. G. Ritchie, San Jose..... 4290
Palo Alto Road Materials Co., Palo Alto 4991
Engineer's Estimate 3800

NOTICE TO BIDDERS

RIVERSIDE and San Bernardino Cos., Calif.—A representative of the district office will accompany prospective bidders over proposed project in Riverside and San Bernardino Cos. between six miles north of Blythe and Vidal, for which bids are to be received in Los Angeles on July 11.

Said representative will meet prospective bidders at intersection of Routes 146 and 64 on Friday, July 5, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

VENTURA and Los Angeles Counties, Calif.—A representative of the district office will accompany prospective bidders over the proposed project in Ventura and Los Angeles Counties, between Little Sycamore Canyon and Encinal Canyon, for which bids are to be received in Los Angeles on July 11.

Said representative will meet prospective bidders at Los Angeles-Ventura county line on Tuesday, July 2, at 10:30 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

CONTRACT AWARDED

BONNEVILLE, Oregon—Warren Northwest, Inc., P. O. Box 5072, Portland, at $29,640 awarded contract by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-35-34, for the construction of asphaltic concrete paving on permanent roads, driveways and walks at Bonneville.

AWARD RECOMMENDED

BUTTE, Colusa and Glenn Counties, Cal.—E. F. Hilliard, 1355 43rd St., Sacramento, at $11,620 submitted low bid and recommended for award by the Department of Public Works, Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for 41 miles of liquid asphalt treatment at various locations in Butte, Colusa and Glenn Counties, between Stations 570 and 756, between Miners Ranch and Berry Creek, between mile posts 22 and 31, between 2.95 miles and 9.55 miles north of Yolo county line, and between Ord Bend and Hamilton City.

The work involves:
(1) 45 tons liquid asphalt SC-4 (Location A);
(2) 145 tons do (Location B-1);
(3) 90 tons do, SC-3 (Loc. B-2);
(4) 45 tons do (Location C-1);
(5) 80 tons do, SC-2 (Loc. C-2);
(6) 330 tons do, SC-3 (Loc. D).

Total bids follow:
(A) E. F. Hilliard, Sacramento, $11,-620.00.
(B) C. F. Fredericksen & Sons, Lower Lake, $12,105.00.
(C) Lee J. Immel, Berkeley, $12.818.
(D) A. Teichert & Son, Inc., Sacramento, $13,655.50.
(E) Hayward Bldg. Materials Co., Hayward, $14,587.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$17.00	$16.00	$19.00	$25.50	$19.30
(2)	16.50	19.50	19.00	21.50	20.80
(3)	17.00	21.50	20.00	24.70	21.05
(4)	14.50	15.00	18.00	16.50	19.45
(5)	12.50	13.50	14.00	15.50	17.70
(6)	16.00	14.75	16.60	16.50	19.75

All bids forwarded to Sacramento for award.

30—RESERVOIRS & DAMS

BIDS OPENED

BONNEVILLE DAM, Oregon—Electric Machine Mfg. Co., 1331 Tyler St., N. E., Minneapolis, Minn., at $61,473 f.o.b. Minneapolis, submitted the apparent low bid to the U. S. Engineer Office, Second Port and District, 627 Pittock Block, Portland, June 18, under Bid No. 694-35-20, for furnishing and installing one 4000 kw. vertical shaft, alternating current generator, 2400 volts, 60 cycles, 257 rpm. with auxiliaries and spare parts, in the Bonneville Power Plant.

Delivery f.o.b. cars at factory shipping point for shipment on Government bills of lading. The contractor shall unload and handle all materials and machinery from cars at point of destination.

Complete bids follow:
Electric Machine Mfg. Co., Minneapolis, $61,473 f.o.b. Minneapolis.
Allis-Chalmers Mfg. Co., Milwaukee, Wis., $66,000 f.o.b. West Allis, Wis.
General Electric Co., Schenectady, New York, $69,052 f.o.b. Schenectady.
Westinghouse Electric & Mfg. Co., Portland, Oregon, $68,330 f.o.b. East Pittsburgh, Pa.
Bids held under advisement.

CONTRACT APPPROVED

SAN DIEGO, Calif.—The contract between the government and the city of San Diego providing for a federal loan to the city for the completion of the El Capitan Pipe Line and road project has been signed. The contract provides a government grant up to $219,000 the city to provide $341,-000 in bonds and cash now in the El Capitan dam fund.

AWARD APPROVED

MODOC COUNTY, Cal.—Award of a contract to J. P. Brennan, Redding, at $98,907.40 for the construction of reservoir embankment and diversion dam and supply ditch for the West Valley Reservoir in Modoc County has been approved by Clifton E. Hickok, Northern California District Engineer of the PWA.

BIDS WANTED

CASPER, Wyo.—Until July 22, 10 A. M., bids will be received by the Bureau of Reclamation, Casper, under Spec. No. 630, for the construction of the Seminoe Dam and Power Plant, Casper-Alcova Project, near Casper.

The work will involve:

(1) 541,500 c.y. all classes of open-cut excavation;
(2) 22,000 c.y. tunnel excavation;
(3) 5,600 c.y. backfill;
(4) 1,000 c.y. riprap;
(5) 330 c.y. rubble masonry;
(6) 190,340 c.y. concrete;
(7) 90 c.y. porous concrete;
(8) 29,600 cp. ft. presure grouting;
(9) drilling 28,100 l.f. of grout, drainage, weep, and anchor bar holes
(10) placing 2,550,000 lbs. of reinforcement bars and fabric;
(11) constructing 610 l.f. of 4- to 12-in. diameter sewer pipe drains;
(12) manufacturing and placing 7,000 l.f. of porous concrete draintile;
(13) installing 397,000 lbs. of metal pipe and fittings;
(14) installing 1,002,000 lbs. of gates and appurtenances;
(15) installing 339,000 lbst of power penstock and outlet pipes;
(16) installing 1,542,000 lbs. of needle valves and misc. metal work;
(17) installing 8,400 sq. ft. of asphalt-saturated felt roofing;
(18) installing 25,700 l.f. of electrical condult;
(19) installing 10,000 l.f. of electrical cable for testing apparatus;
(20) furnishing, installing and operating a concrete cooling plant;
(21) transporting 30,000 hundredw't. of freight for the Government.

The work shall be commenced within thirty calendar days and completed within 950 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Casper, Wyo.; Denver, Colo. or Washington; D. C., without charge to prospective bidders; to others, $5, not returnable.

PLANS REVISED

GRAND COULEE, Wash. — Order changing plans for Grand Coulee dam has been signed by Secretary of the Interior Harold Ickes as recommended by Chief Engineer R F. Walter and Commissioner Elwood Mead of the U. S. Bureau of Reclamation.

The order calls for the construction of a dam 177-ft. high with foundations of sufficient strength to permit economical construction of a higher dam when deemed advisable, without necessity of expensive alterations of the original structure.

Principal changes in the Mason-Wash-Atkinson-Kier contract are: (1) Increased excavation including excavation for tailrace channels for both east and west power houses and construction of retaining and training walls and backfill and riprap.

(2) Change in shape and dimensions for placing concrete.

(3) Elimination of permanent cofferdams below spillway section of dam and revision of plans for permanent cofferdams below power plant section.

(4) Spillway will be shortened 150 ft. and west power plant will be moved corresponding distance toward the river. Penstock intake structure and tailrace will be changed to accord with relocated west power house.

(5) Downstream gravity wall at center of spillway section will be eliminated and gravity walls and end of spillway will be modified in design.

(6) Constructing all penstocks from power houses up to approximate elevation 990.

(7) Install in mass concrete of dam metal tubing and fittings required for cooling concrete.

(8) Provide shafts and galleries required for cooling and grouting operations.

(9) Eliminate all power house construction above level of turbine floor at elevation 949.

(10) Eliminate penstock trashrack structure.

(11) Eliminate installation of all the traveling and gantry cranes and penstock gates.

(12) Eliminate all except three bottom bays of slide gate trashrack structure.

(13) Eliminate all "A" grout holes less than 50-ft. deep and more than 150-ft. deep.

(14) Eliminate all drainage holes less than 50-ft. deep and more than 100 ft. deep.

(15) Eliminate all special finishings on concrete faces.

(16) Eliminate installation of hoists operating mechanisms and bonnet covers for slide gates.

(17) Eliminate installation of all metal stairways.

BIDS OPENED

LOS ANGELES, Cal.—Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, submitted low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, June 19, at $37,401.25 (bidding on compacting fill either by rolling or by diking and flooding), for the construction of the Hall Beekley debris basin and appurtenant structures, located near Montrose, involving:

(1) 35,000 cu. yds. Class A excav.;
(2) 4600 cu. yds. Class B excav.;
(3) 750 cu. yds. Class C excav.;
(4) 715 cu. yds. compacted fill by alternate methods as follows:
(a) by rolling;
(b) by dyking and flooding;
(5) 740 cu. yds. Class A backfill;
(6) 100 cu. yds. Class B backfill;
(7) 21 cu. yds. remove existing conc.
(8) 560 cu. yds. Class A concrete;
(9) 1250 cu. yds. Class B concrete;
(10) 14,800 sq. ft. pneumatically placed concrete;
(11) 400 lbs. placing miscellaneous metalware;
(12) 25 lin. ft. drilling dowel holes;
(13) 100 lin. ft. placing tile drains.

The total bids were:

(A) Geo. J. Bock Co., Los Angeles, excluding either (4b) or(4a), $37,401.25.
(B) J. E. Haddock, Ltd., Pasadena, (1) excluding (4b) $41,567.25; (2) excluding (4a) $41,603.
(C) Case Constr Co., Alhambra, (1) $42,252.81; (2) $42,098.37.
(D) Geo. Hess, (1) $58,619; (2) $59,619.
(E) Hoagland Engrg. & Constr. Co., Long Beach, (1) $62,162; (2) $62,-090.50.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ .40	$ .27	$ .345	$ .35	$ .85
(2)..	.60	.75	.427	.60	1.00
(3)..	1.50	1.50	1.78	2.50	1.50
(4a)..	.25	.15	.54	.20	.70
(4b)..	.25	.20	.324	.20	.60
(5)..	.60	.75	.484	.60	1.00
(6)..	.25	.25	.325	.50	.50
(7)..	6.00	10.00	6.25	25.00	8.00
(8)..	7.00	13.00	11.50	21.20	10.00
(9)..	10.00	13.00	11.50	21.20	13.00
(10)..	.15	.20	.172	.20	.22
(11)..	.10	.20	.15	.10	.20
(12)..	.50	1.00	1.00	2.00	.50
(13)..	.50	.50	.25	1.50	.30

The three low bids were taken under advisement.

TO ASK BIDS SHORTLY

BONNEVILLE, Ore.—Bids will be asked about July 15 by Major Chas Williams, District Engineer, Second Portland District, 627 Pittock Block, Portland, for construction of the superstructure for Bonneville Dam power house.

Following have indicated their intention to bid on the project:

General Const. Co., 3840 Iowa St. Seattle.

J. F. Shea Co., Henry Bldg., Portland.

Guy F. Atkinson Co., Porter Bldg., Portland.

SPECIFICATIONS REVISED

BONNEVILLE DAM, Ore. — Until July 9, 3 P. M., as previously reported bids, under revised specifications, will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694 - 35 - 29, for furnishing, erecting in place at the site, and putting in an operating condition 7 steel intake gates for the powerhouse, nine sections of steel draft tube stoplogs, twenty steel gates for the spillway dam, one 130-ton gantry crane for the powerhouse intake, one 30-ton gantry crane for the powerhouse draft tubes, two 350-ton gantry cranes for the spillway dam, lifting beams for use with the cranes, gate dogs and latches, and other accessories, for the Bonneville Dam.

Bids will be taken under two alternates as follows:

ALTERNATIVE "A": Bidders shall quote prices for performing the work, etc., as specified, except that the Government will pay the cost of transporting the equipment and materials which are to be made a part of the completed units from bidder's shipping points to either Bonneville, Ore., or North Bonneville, Wash., shipment to be made on Government bills of lading. The contractor must load and unload materials from cars.

ALTERNATIVE "B": Bidders shall quote prices for performing the work, etc., with the understanding that all transportation charges from the factory shipping points to either Bonneville, Ore., or North Bonneville, Wash. are included in said prices and will be paid by the bidder.

Bids will be taken as follows:

SCHEDULE I

Gantry Cranes for Powerhouse

(1) 1 each furnishing and erecting 30-ton draft tube gantry crane;
(2) 1 each furnishing and erecting 130-ton intake gantry crane;

Lifting Beams for Powerhouse Cranes

(3) 27,000 lbs. structural carbon steel
(4) 2,000 lbs. carbon steel castings;
(5) 3,000 lbs. nickel steel castings;
(6) 2,600 lbs. machine steel;

SCHEDULE II

Seven Steel Intake Gates for Powerhouse

(7) 508,000 lbs. struct. carbon steel;
(8) 386,000 lbs. struc. silicon steel;
(9) 64,000 lbs. carbon steel castings;
(10) 1,600 lbs. machine steel;
(11) 600 lbs. cold rolled steel;
(12) 800 lbs. iron castings;
(13) 28,600 lbs. chrome nickel steel;
(14) 56,000 pounds rolled carbon steel wheels;
(15) 2,400 lbs. bronze, except bronze bolts;
(15A)3,200 lbs. bronze bolts;
(16) 92 wheel assembly roller bearings (160,000 lbs. capacity);
(17) 5,500 lbs. rubber seals;

Nine Steel Draft Tube Stop-Log Sections for Powerhouse

(18) 155,000 lbs. struct. carbon steel;
(19) 224,000 lbs. struc. silicon steel;
(20) 11,000 lbs. carbon steel castings;
(21) 300 lbs. spring steel;
(22) 2,800 lbs. bronze bolts;
(23) 1,600 lbs. rubber seals;

SCHEDULE III

Gantry Cranes for Spillway Dam

() 2 each furnishing and erecting all mechanical and electrical apparatus for 350-ton gantry cranes, not including structural steel for bridge frames;

() 450,000 lbs. structural carbon steel for two 350-ton gantry cranes;

Twenty Steel Gates for Spillway Dam

() 3,877,000 lbs. structural carbon steel;

7) 6,197,000 lbs. structural silicon steel;

) 300,000 lbs. carbon steel castings;

) 380,000 lbs. nickel steel castings;

) 472,000 lbs. rolled carbon steel wheels;

) 68,000 lbs. rolled nickel steel;

) 137,000 lbs. chrome nickel steel;

) 65,000 lbs. machine steel;

) 1,000 lbs. iron castings;

) 25,000 lbs. bolt steel, nickel;

5A) 2,000 lbs. bolt steel, carbon;

6) 1,200 lbs. cold rolled steel;

7) 2,300 lbs. pipe, galv. wrought iron

8) 40,000 lbs. phosphor bronze;

9) 700 lbs. Tobin bronze, except bolts and screws;

0) 6,300 lbs. Tobin bronze bolts and screws;

1) 536 wheel assembly roller bearings (210,000 lbs. capacity);

2) 2,000 ft. BM 6x8-in. White oak timber;

3) 1,072 each bearing seals;

4) 23,000 lbs. rubber seals and cushions;

5) 28 sets Thrustors 600 pound capacity, 6-in. stroke with wiring to and including fixed collector bars.

Under Alternative "A", award may made separately for each schedule, for any combination of schedules, for all schedules as a whole to one dder; or under Alternative "B", vard may be made separately for ch schedule, or for any combination schedules, or for all schedules as whole to one bidder; or award may made for two schedules under Alernative "A" and one schedule unr Alternative "B" or vice versa. o schedule will be divided in makg award.

Plans and specifications obtainable om the U. S. Engineer Office, Secd District, 627 Pittock Block, Portnd, or from the U. S. Engineer Ofce, 401 Customhouse, San Francisco on deposit of $6 in the form of a . S. money order or a certified check yable to "The Disbursing Officer, U. Engineer Office, Second Portland istrict, 627 Pittock Block, Portland, regon."

31 — PIPE LINES & WELLS

CONTRACT AWARDED

WESTWOOD, Lassen Co., Cal.—Walter Blackwood, Westwood, at $2.95 er M. awarded contract by T. R. Hills, Red River Lumber Co., Westwood, for hauling and stacking along 17,000 ft. flume, approximately 300 . 4/4x4-in.-6-in.-8-in. random lengths, maximum length 16 feet.

Complete bids follow:

Walter Blackwood, Westwood, $2.95 per M.

Alfred Luond, Standish, $2.95.

. J. Marquis, Westwood, $3.00.

A. Prince and E. Emerick, Westwood, $4.65.

aul W. Brown, Red Bluff, $6.50.

32—SEWERS & SEWAGE DISPOSAL PLANTS

WARD APPROVED

SAN MATEO, San Mateo Co., Cal. —Award of contracts to W. J. Tobin, 701 Balfour Ave., Oakland, at $67,772.15 for the outfall sewer system, and to H. A. Teget, 133 Princeton St., Ontario, at $65,550 for disposal plant with sludge beds, have been approved by Clifton E. Hickok, Northern California District Engineer of the PWA.

CONTRACT AWARDED

AVENAL, Kings Co., Cal.—Stroud Bros. & Seabrook, Union Avenue and Subway, Bakersfield, awarded contract by the Standard Oil Co., 225 Bush St., San Francisco, for constructing extensions to the sewer system.

CONTRACT AWARDED

SEATTLE, Wash.—L. Colaccio and Co., 2019 Third Ave., Seattle, at $244,394 awarded contract by the Seattle Board of Public Works for the construction of the Ballard Trunk Sewer. The bids is on the basis of using concrete sewer, centrifugal cast pipe on all alternates, and a wood siphon.

BIDS OPENED

LOS ANGELES, Cal.—F. W. Weber, 8442 California Ave., South Gate, submitted low bid to the Los Angeles board of public works, June 19 at $12,500 (using Rensselaer valves and cast iron pressure pipe) for furnishing and installing a pumping plant for the Terminal Island sewage treatment plant, Terminal Island, San Pedro (cash contract) PWA Project No. 5633 Unit No. 3B.

The other bids were:

Harry Barkelew Co., using Kennedy valves and Class No. 150 pressure pipe, $12,896.

Long Beach Iron Wks, using Chapman - Merco - Nordstrom valves and centrifugal cast iron flanged pressure pipe, $13,400; alternate, deduct $125 if Yeoman Bros. pump is acceptable.

Lohman Brothers, using Kennedy valves and Class 150 centrifugal pressure pipe, $13,897.

R. H. Travers, using Columbian, or any other standard make of valve and Universal cast iron bolted joint, Federal specification WWP 423 pressure pipe, $15,344.

Howe Bros., using Crane valves and Class 150 centrifugal pressure pipe, $15,674.

L. W. Odell, using Crane or Rensselaer valves and cast iron pressure pipe, $16,856.

J. B. Welsh—Bid not signed; was not declared.

TO WITHDRAW BIDS

SAN MATEO, San Mateo Co., Cal. —City Council will permit H. A. Teget, 133 Princeton St., Ontario, to withdraw his low bid of $65,550 for construction of sewage disposal plant, submitted June 17, subject to approval of the PWA.

The Council has recommended the award to W. J. Tobin, 3701 Balfour Ave., Oakland, second low bidder, at approximately $73,000, and award to W. J. Tobin for Unit 1, Outfall Sewer System on his low of $67,772.

Final awards will be made at a meeting of the Council July 1, if PWA approval is received by that time.

BIDS OPENED

GLENDALE, Los Angeles Co., Cal. —United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $21,779.40 submitted low bid to Glendale city council June 25 for furnishing, delivering and laying in trench centrifugally spun reinforced concrete pipe for storm drain to be constructed in Verdugo Road from Colorado St. to Acacia Ave. and in Acacia Ave. from Verdugo Road to Chevy Chase Drive.

33— WATER WORKS

PLANS APPROVED

SAN FRANCISCO.—Clifton E. Hickok, Northern California District Engineer for the PWA, has approved the plans and specifications for the installation of Section "A" of the Embarcadero District Extension to the Auxiliary Water Supply System for Fire Protection. Estimated cost, $11,000.

CONTRACT AWARDED

KINGSBURG, Fresno Co., Calif.—Wintroath Pump Co. has been awarded a contract by the Muscat Cooperative Winery Association for the installation of a water system at the company's new plant at Mountain View Ave and Highway 99.

Contract Awarded.

FOLSOM, Sacramento Co., Cal. — Walter S. Leland, Walnut Creek, at $10,385 awarded contract by Department of Public Works for furnishing and installing one 300-hp. water tube boiler and equipment at the State Prison, Folsom.

PLANS APPROVED

ROSEVILLE, Placer Co., Calif.—Clifton E. Hickok, Northern California District Engineer of the PWA, has approved plans and specifications for the installation of the second section of the Roseville water mains project. Estimated cost, $50,000.

BIDS OPENED

LOS ANGELES, Cal.—Case Const. Co., Inc., 905 Westminster Ave., Alhambra, at $58,975 submitted low bid to the Metropolitan Water District 306, W Third St., Los Angeles, June 20 for constructing the Copper Basin syphon and surge tank of the Colorado River Aqueduct, in accordance with Spec. No. 101. The site of the work is on the line of Colorado Aqueduct in San Bernardino County, about 11 miles northeast of Earp. The work comprises the construction of a reinforced concrete syphon 16 ft. in diameter and approximately 450 feet in length and appurtenant works.

The items are as follows:

(1) 5000 c.y. excavation;

(2) 1350 c.y. concrete in siphon barrel;

(3) 220 c.y. concrete in transition and surge tank;

(4) 250,000 lbs. placing reinforcement steel in siphon;

(5) 25,000 lbs. placing reinforcement steel in transition and surge tank;

(6) 8,000 lbs .installing miscellaneous metal work;

(7) 2500 ton-miles hauling steel;

(8) 8000 ton-miles hauling cement;

(9) overhaul of concrete aggregates (fixed at ten cents per c.y. mi.)

The total bids were:

(A) Case Const. Co., Alhambra, $58,975.

(B) Geo. K. Thompson, Los Angeles, $62,490.

(C) Griffith Co., Los Angeles, $66,430.

The unit bids follow:

	(A)	(B)	(C)
(1)	$ 3.50	$ 2.00	$ 2.00
(2)	23.00	27.00	31.20
(3)	27.00	27.00	25.00
(4)	.01	.03	.02
(5)	.01	.03	.02
(6)	.05	.10	.12
(7)	.15	.10	.30
(8)	.12	.10	.20
(9)	.10	.10	.10

BONDS VOTED.

CALIENTE, Nev.—Bond issues to finance the construction of municipal water works and sewage system have been approved by the voters in the City of Caliente, Lincoln Co., Nev.

TO ASK FUNDS

SANTA CRUZ, Santa Cruz Co., Cal. —City Council has been authorized to request $30,000 from the PWA to finance extensions to the municipal water system.

Alvin Weymouth, Water Commissioner.

BIDS WANTED

SAN FRANCISCO.—Until July 10, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 351, City Hall, under Spec. No. 18,-850, for the installation of Section A of the Embarcadero District Extension to the Auxiliary Water Supply System for Fire Protection. Estimated cost, $32,000.

The work is located on Folsom St. between Beale St. and the Embarcadero and on the Embarcadero between Folsom St. an Pier 22½.

Bids will be taken as follows:

Cast Iron Pip and Special Castings In Place:

(1) 1880 l.f. 14-in. Class H double spigot, lugegd;
(2) 60 l.f. 14-inch Class H double spigot, lugged (under bulkhead wharf);
(3) 60 l.f. 10-inch Class H double spigot, lugged;
(4) 60 l.f. 8-inch Class H bell and spigot, lugged;
(5) 6 12-in. gate valves, in place;
(6) 1 10-in. do;
(7) 4 8-in. do;
(8) 1 12-in. check valves, with by-pass, in place;
(9) 4 standard h.p. hydrants in place
(10) 1 standard fire boat dock manifold, in place;

Note: Items 1 to 10, inclusive, cast iron pipe, valves, hydrants, and dock manifold, will be furnished by the city.

(11) 28,000 lbs. pig lead, furnished & delivered;
(12) 15,600 lbs. cast steel special castings, furnished and delivered;
(13) 4,000 lbs. cast iron do;
(14) 2,000 lbs. special cast steel castings furnished, delivered and placed;
(15) 6,300 lbs. cast iron valve boxes, frames, covers and dust pans for manhole and valve boxes, furnished and placed;
(16) 66,900 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(17) 1,930 lbs. galvanized wrought iron bolts, nuts and washers, furnished and placed;
(18) 1,660 lbs. reinforcing steel, furnished and placed;
(19) 33 c.y. Class B concrete, in place
(20) 1,400 c.y. excavation and backfill
(21) 2,300 sq. ft. asphalt - concrete pavement (1½-1½-8) Class "F" concrete;
(22) 4,240 sq. ft. basalt rock pavement
(23) 400 sq. ft. asph. concrete wearing surface (2-in. thick);
(24) 64 sq. ft. concrete sidewalk (one course);
(25) 3 c.y. crushed rock, furnished & placed;
(26) 9 galv. steel pipe brackets, furnished and placed;
(27) 1 galv. steel dock manifold base, furnished and placed;
(28) 10 tons bell and spigot pipe or double spigot pipe, with bolting lugs, in classes C to H inclusive and in nominal dia. of 8- to 18-in. inclusive,

Note: Items 11 to 28, inclusive; all materials, including pipe, shall be furnished by the contractor.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.00.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SAN FRANCISCO. — Identical bids at $1,319.56 for furnishing fencing for the Hetch Hetchy Project were received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1395, from the following:

Anchor Post Fence Company.
Kamian Fence Company.
Western Steel & Wire Company.
West Coast Wire & Iron Works.
Trask & Squler Wire Co.
C. J. Waterhouse Company.
Standard Fence Company.
Michel & Pfeffer Iron Works.

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif. Ransome Co., 4030 Hollis St., Emeryville, at $6,202.04 awarded contract Regents of the University of California for constructing six tennis cou on the campus of the University California, Berkeley.

Wickwire Spencer Sales Corp.
All bidders of San Francisco.
The work involves:

(1) 872 l.f. fencing, 7-ft. high;
(2) 872 l.f. 1⅝-in. galv. pipe, top r
(33 two 3-ft. swing walk gates;
(4) three 12-ft. swing double drive d
(5) two 2½-in. galv. pipe end post
(6) ten 2½-in. galv. walk gate post
(7) thirteen 2½-in. galv. corner post

SAN FRANCISCO — Sunset Water Extension — (City)

SAN FRANCISCO — Pacific States Constr. Co., 708 Call Bldg., San Francisco, at $33,307.33 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,846, for installation of the Sunset District Extension to the Auxiliary Water Supply System for Fire Protection.

The work is located on the following streets:

(a) Parnassus St. bet. Clayton Street and 5th Ave.;
(b) Judah St. between 5th and 6th Avenues;
(c) Sixth Ave. bet. Judah and Irving Streets;
(d) Irving St. between 6th and 15th Avenues.

Bids were taken as followe:

Cast Iron Pipe and Special Castings in Place:

(1) 788 l.f. 12-in. Class G bell and spigot, plain;
(2) 147 l.f. 12-in. Clas G bell and spigot, lugged;
(3) 839 l.f. 12-in. Class F bell and spigot, plain;
(4) 140 l.f. 12-in. Class F bell and spigot, lugged;
(5) 5182 lf. 12-in. Clas E bell and spigot, plain;
(6) 950 l.f. 12-in. Class E bell and spigot, lugged;
(7) 211 l.f. 8-in. Class G bell and spigot, lugged;
(8) 14 10-in. gate valves, in place;
(9) 24 8-in. do;
(10) 24 stand. hp. hydrants, in place;

NOTE: Items 1 to 10, inclusive, Cast Iron Pipe, Valves, Hydrants, and special castings, will be furnished by the City.

(11) 48,000 lbs. pig lead, furnished and delivered;
(12) 3,337 lbs. cast steel special castings, furnished and delivered;
(13) 53,000 lbs. cast iron special castings, furnished and delivered
(14) 16,000 lbs. manhole and valve b cost iron frames, covers a dust pans, furnished and place
(15) 21,100 lbs. wrought iron bol nuts and washers, furnished placed;
(16) 15½ cy. Clas B concrete in pla
(17) 450 lbs. reinforcing steel, fu nished and placed;
(18) 4,600 c.y. excavation and bac fill;
(19) 22,000 sq. ft. asphalt - concre pavement (2-in.-6-in.) Class concrete;
(20) 500 sq. ft. do wearing surface (inch);
(21) 216 sq. ft. concrete sidewalk (o course);
(22) 12 c.y. crushed rock. furnished placed;
(23) 21 tons bell and spigot pipe double spigot pipe, without lug in Classes C and H inc. and nominal dia. of 8- to 18-in. inc
(24) 5 tons bell and spigot pipe bolting lugs. In Classes C H inc., and in nominal dia. 8- to 18-in., inc.

NOTE: Items 11 to 24, inclusiv all materials, including Pipe, shall furnished by the Contractor

Total bids follow:

(A) Pacific States Constr. Co., $33 307.33.
(B) Herman Lawson, $34,405.23.
(C) M. J. Lynch, $36,937.74.
(D) Eaton & Smith, $37,518.18.
(E) Chas. L. Harney, $37,685.56.
(F) MacDonald & Kahn Co., Ltd $37,910.09.
(G) C. C. W. & H. H. Haun, $37 988.90.
(H) Fay Improvement Co., $38,549.6
(I) Lowrie Paving Co., $39,311.65.

All bidders of San Francisco.
Unit bids followo:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 1.30	$ 3.00	$ 1.60	$ 1.90	$ 2.20	$ 1.00	$ 1.25	$ 2.02	$ 2.00
(2)	1.95	5.50	1.80	2.00	2.30	1.82	3.40	2.13	2.25
(3)	1.80	2.17	1.60	1.90	2.20	2.58	1.35	2.02	1.55
(4)	1.95	4.80	1.80	2.00	2.30	2.80	3.30	2.13	2.40
(5)	1.30	1.46	1.66	1.90	2.20	1.84	1.30	2.02	1.65
(6)	2.25	2.26	1.80	2.00	2.30	1.89	3.00	2.13	3.00
(7)	4.20	5.39	2.50	8.25	2.10	6.00	4.00	3.55	4.00
(8)	12.00	40.00	18.00	50.00	40.00	54.00	25.00	31.50	20.00
(9)	12.00	35.00	20.00	40.00	30.00	33.00	20.00	31.50	20.00
(10)	17.00	30.00	25.00	60.00	40.00	45.00	25.00	21.50	20.00
(11)	.043	.03	.04	.03	.02	.041	.043	.03	.043
(12)	.20	.05	.20	.18	.18	.20	.20	.20	.20
(13)	.05	.02	.05	.05	.05	.05	.05	.05	.05
(14)	.06	.05	.05	.055	.07	.06	.05	.0575	.05
(15)	.085	.07	.08	.0825	.04	.0825	.0825	.08	.0825
(16)	20.00	20.00	40.00	15.00	10.00	20.00	22.00	18.00	15.00
(17)	.06	.05	.05	.05	.06	.06	.05	.06	.02
(18)	1.25	1.25	1.35	1.00	1.20	1.25	2.00	1.35	1.40
(19)	.20	.18	.25	.18	.18	.17	.20	.20	.30
(20)	.085	.10	.10	.07	.12	.12	.10	.10	.08
(21)	.18	.16	.14	.12	.15	.10	.20	.20	.15
(22)	1.25	8.00	2.50	2.00	1.00	3.00	2.60	3.00	1.60
(23)	50.00	27.60	60.00	50.00	48.50	60.00	40.00	50.00	40.00
(24)	60.00	37.60	60.00	60.00	58.50	60.00	50.00	60.00	40.00

All bids referred to the City Engineer and the PWA.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cal.—Standard Fence Co., 60th and Lowell Sts., Oakland, at $3274 awarded contract by Regents of the University of California for fencing for the six tennis courts to be constructed on the campus of the University of California, Berkeley. As previously reported Ransome Co., 4030 Hollis Street, Emeryville, at $6202.04 awarded contract for the tennis courts.

35— TUNNELS

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 23, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for constructing Monrovia No. 4 and San Rafael Nos. 1 and 2 tunnels and appurtenant works, in accordance with Spec. No. 107. The Monrovia No. 4 tunnel is located in the San Gabriel Mountains in the northerly part of the city of Monrovia Los Angeles County; the San Rafael Nos. 1 and 2 tunnels are located in the southerly portion of the San Rafael Hills between Linda Vista Ave. and Glenoaks Blvd. in the cities of Glendale, Pasadena and Los Angeles. The work to be bid upon consists of the excavating and lining of three circular water supply pressure tunnels.

The San Rafael tunnels and the east portion of the Monrovia No. 4 tunnel are to be lined with reinforced concrete and will have a finished interior diameter of 10 ft. For the west portion of the Monrovia No. 4 tunnel, bids may be submitted on a lining of welded steel cylinders, backed with concrete and lined with gunite; and on a lining of precast concrete pipe, backed with concrete and reinforced with steel cylinders. The gunite-lined section will have an interior diameter of 9 ft. 9 in.; the precast pipe, 6 ft. 6 in. The work has been divided into three schedules, as follows:

Schedule No. 1: San Rafael Nos. 1 and 2 tunnels having an aggregate length of 1.85 miles.

Schedule No. 2: Monorovia No. 4, tunnel, length 1.53 miles.

Schedule No. 3: Alternate to No. 2.

Plans may be obtained from the office of the General Manager and Chief Engineer, F. E. Weymouth, Rm. 1007, 306 W. 3rd St., Los Angeles, upon payment of $5 per set, not returnable. Certified or cashier's check, 10% must accompany each proposal.

The schedule and items follow :

SCHEDULE NO. 1

Construction of the San Rafael Nos. 1 and 2 tunnels and the appurtenant works. Tunnel length 9738 ft., diameter 10 ft. Lining reinforced concrete:

(1) 5000 c.y. excav. in approach cuts;
(2) 55,000 c.y. excav. in tunnel;
(3) 100 c.y. excav. for tunnel enlargement;
(4) 300 tons erecting steel support in tunnel;
(5) 390 MFBM furnish and place permanent timbers in tunnel;
(6) 100 c.y. gunite coating of rock in tunnel;
(7) 6500 l.f. drilling grout holes;
(8) 1300 connections for grouting;
(9) 475 c.y. mixing and placing grout
(10) to (15) do not apply here;
(16) 1,450,000 lbs. placing reinf. steel;
(17) 25,000 c.y. concrete in tunnel;
(18) to (20) do not apply here;
(21) 360 ton-mile hauling steel;
(22) 25,000 ton-mile hauling cement.

SCHEDULE NO. 2

Construction of Monrovia No. 4 tunnel appurtenant work. East portion, length 2856 ft., diameter, 9 ft. 9in., of reinforced concrete, west portion, length 2856 ft., diameter 9 ft. 6 in., lining of steel cylinders with concrete backing and inner lining of gunite.

(1) 2000 c.y. excav. in approach cut;
(2) 45,000 c.y. excav. in tunnel;
(3) 100 c.y. excav. for tunnel enlargement;
(4) 275 tons erecting steel support in tunnel;
(5) 375 MFBM furnish & place permanent timbers in tunnel;
(6) 100 c.y. gunite coating of rock in tunnel;
(7) 5000 lin. ft. drilling grout holes;
(8) 1000 connections for grouting;
(9) 400 c.y. mixing and placing grout
(10) 504 l.f. furnish and install ¼-in. plate steel cylinders;
(11) 539 l.f. furnish and install 5/16-in. plate steel cylinders;
(12) 539 l.f. furnish and install ⅜-in. plate steel cylinders;
(13) 555 l.f. furnish and install 7/16-in. plate steel cylinders;
(14) 539 l.f. furnish and install ½-in plate steel cylinders;
(15) 185 l.f. furnish and install 9/16-in. plate steel cylinders;
(16) 1,700,000 lbs. placing reinf. steel;
(17) 14,120 c.y. concrete in tunnel behind steel forms;
(18) 6875 c.y. concrete in tunnel behind steel cylinders;
(19) 2861 l.f. gunite lining of steel cylinders;
(20) does not apply here;
(21) 3100 ton-miles hauling steel;
(22) 17,000 ton-miles hauling cement.

SCHEDULE NO. 3 (Alt. to 2)

Construction of Monrovia No. 2 tunnel and appurtenant works. East portion, length 5240 ft., diameter 10 ft., lining reinforced concrete; west portion, length 2856 ft. diameter 9 ft 6 in., lining of steel cylinder, reinforced precast concrete pipe backed with concrete:

(1) 2000 c.y. excav. in approach cut
(2) 56,500 cy excav. in approach cut
(3) 100 c.y. excav for tunnel enlargement;
(4) 275 tons erecting steel support in tunnel;
(5) 375 MFBM furnish & place permanent timbers in tunnel;
(6) 100 c.y. gunite coating of rock in tunnel;
(7) 5000 lin. ft. drilling grout holes;
(8) 1000 connections for grouting;
(9) 400 c.y. mixing and placing grout
(10) 548 l.f. furnish and install ¼-in. plate steel cylinders;
(11) 532 l.f. furnish and install 5/16-in. plate steel cylinders;
(12) 533 l.f. furnish and install ⅜-in. plate steel cylinders;
(13) 548 l.f. furnish and install 7/16-in. plate steel cylinders;
(14) 533 l.f. furnish and install ½-in. plate steel cylinders;
(15) 48 l.f. furnish and install 9/16-in. plate steel cylinders;
(16) 1,700,000 lbs. placing reinf. steel;
(17) 14,120 c.y. concrete in tunnel behind steel forms;
(18) 7200 c.y. concrete in tunnel behind steel cylinders;
(19) does not apply here;
(20) 2861 l.f. precast concrete pipe in cylinders;
(21) 3100 ton-miles hauling steel;
(22) 18,500 ton-miles hauling cement.

(Bids to show the lengths (in feet) used in casting the precast concrete pipe).

ENGINEER APPOINTED

ALAMEDA, Alameda Co, Cal.—City Council has appointed Walter P. Koetitz, 1424 Fountain Ave., Alameda, to supervise test borings at site of the proposed tube under the estuary between Alameda and Oakland. Council has appropriated $1500 for the testa

LOS ANGELES—VERDUGO WASH CONDUIT—COUNTY

LOS ANGELES, Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $66,899.70 submitted low bid to the Los Angeles county board of supervisors, 501 Hall of Records, Los Angeles, June 19, for the construction of a concrete conduit on Verdugo Wash, from Kenilworth Ave. to Los Angeles River.

The work will include the following items:

(1) 37,500 c.y. excavation;
(2) 325 c.y. compacted fill;
(3) 1575 c.y. fill in river levees;
(4) 11,000 c.y. backfill;
(5) 8800 c.y. reinf. concrete;
(6) 2900 lbs. placing misc. metal;
(7) 80 c.y. crushed rock;
(8) 100 l.f. placing tile drains;
(9) 160 l.f. drilling dowel holes;
(10) 7797 l.f. placing fence.

The total bids were:

(A) Gogo & Rados, Los Angeles, $66,899.70.
(B) Brock & Clark, Ltd., Los Angeles, $69,080.79.
(C) R. H. Travers, Los Angeles, $70,993.00.
(D) V. Lovrich and L. B. Konjevod, Los Angeles, $75,413.82.
(E) Oscar Oberg, Los Angeles, $76,678.79.
(F) J. L. McClain, Los Angeles, $81,850.01.
(G) Lynch-Cannon Engr. Co., Los Angeles, $83,703.07.
(H) Morrison-Knudsen Co., Inc., Los Angeles, $84,467.85.
(I) Bent Bros., Inc., Los Angeles, $91,265.64.
(J) Geo. Hess, Los Angeles, $99,848.04.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ .20	$.28	$.25	$.30	$.30	$.48	$.50	$.40	$.40	$.30
(2)	.50	.15	.15	.40	.30	.10	.50	.25	1.00	.20
(3)	.50	.15	.60	.20	.30	.25	.25	.25	.40	.15
(4)	.20	.15	.12	.25	.18	.25	.15	.18	.30	.15
(5)	6.20	6.32	6.56	6.81	7.00	6.75	7.00	7.50	8.00	9.64
(6)	.10	.04	.20	.05	.07	.05	.07	.05	.05	.06
(7)	5.00	2.85	4.00	3.50	4.00	4.00	4.00	4.00	4.00	2.50
(8)	.50	.20	.50	.20	.50	.25	.60	.30	.50	1.50
(9)	1.00	.75	1.00	.80	1.00	1.00	.60	.80	1.00	1.00
(10)	.10	.07	.08	.06	.07	.08	.06	.05	.12	.07

The three low bids were taken under advisement.

GLADDING, McBEAN & CO.
Manufacturers
CLAY PRODUCTS
660 Market Street, San Francisco - Phone DOuglas 0540
Salesyard: 445 Ninth Street
2207 Market Street, Oakland - Phone HIgate 0261

Section 1354, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

State Advertises Eight Highway Contracts

Bids July 26 on Bay Span Office Building

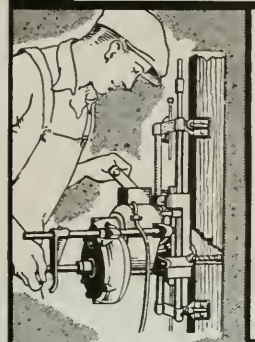
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

Y 6, 1935

Vol. XVIII—No. 27

WAPPAT Electric TOOLS



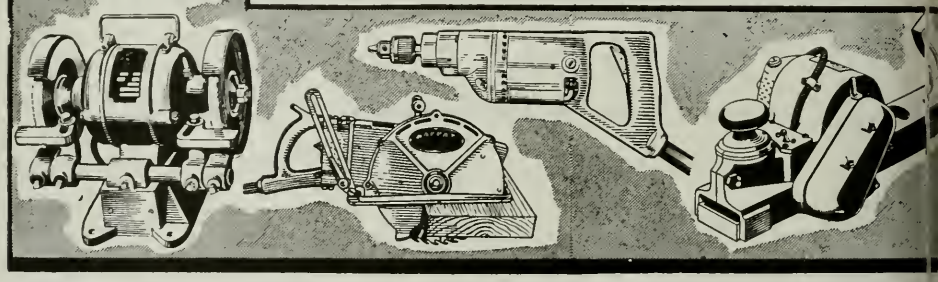
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angele
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfactio

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angel

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRFANCISCO, CALIF., JULY 6, 1935 No. 27

CITY PERMITS TOTAL $504,726 DURING MONTH

June Figure Under May; Private Building Holding Steady

San Francisco building permits in June totaled $504,726, according to figures released by the Central Permit Bureau. A decline of about $600,000 from the $1,137,323 figure for the preceding month is due chiefly to large public school building contract awards in May.

The number of permits issued wss 467, as compared with 570 in May, and 364 in June last year. Building permits issued in June, 1934, totaled $597,051, of which approximately $320,000 was work financed by the city and Federal governments. Permits were issued for no public buildings in June this year.

Permits for frame buildings totaled $249,859 in June as compared with $42,795 in the same month last year. Totals for alterations were $221,492 in June, 1935 and $217,-314 in June 1934.

Following is the comparison for various classes of work in June as reported to Director of Public Works Wm. H. Worden by S. J. Rosenblum, chief clerk for the permit bureau:

	June, 1935		June, 1934	
Class.	No. of P'mts	Est. Cost	No. of P'mts	Est. Cost
A	1	$ 8,000	.....	$ .....
B	.....	.....	.....	.....
C	7	25,375	1	3,000
Frames	56	249,859	16	42,795
Alterations	403	221,492	336	217,314
Public	....	.....	6	274,450
U. S. Govt.	....	.....	4	45,742
Harbor	....	.....	1	13,750
Total	467	$504,726	364	$597,051

BOOKS CLOSED BY LOAN ASSOCIATION

The Home Owners' Loan Corporation closed its books to applicants for relief on mortgage obligations at midnight, June 27. In the next few months the corporation will complete review of the applications and terminate lending activities, according to John H. Fahey, HOLC chairman.

President Okehs $23,000,000 for Grand Coulee Dam

Allotment of $23,000,000 to the Bureau of Reclamation to continue construction of Grand Coulee dam has been approved by the President. The amount is sufficient to finance construction for another year.

Grand Coulee Dam was started with an allotment of $15,000,000 by the Public Works Administration. Total cost of the present construction will approximate $60,000,000.

The contractors are employing 4,000 men and are expending about $2,000,000 a month. They have excavated 4,986,473 cubic yards of material in addition to construction of a railroad and highway to the dam site. This new allotment will complete the excavation for the dam foundation and will provide for the pouring of a sizeable portion of the concrete. The excavation will be completed this fall. The contractors now are preparing to set up their mixing plants

Completing Plans For Montgomery St. Office Building

Plans for a ten-story office building to be erected at 417 Montgomery street will be ready for contractors in about thirty days, it was reported yesterday by Architect W. D. Peugh. The building will cost about $500,000.

It is to be erected for the Lurie Investment Co. of which Louis Lurie is president.

Details of the building plans are not ready to make public.

A portion of the space has been leased to several state departments, maintaining offices in San Francisco, according to Mr. Lurie.

Shipments of hand fire extinguishers during the first 5 months of 1935 totaled 131,235, as compared with 100,387 in the corresponding period last year, according to the Bureau of the Census.

BIDS JULY 26 ON BAY BRIDGE OFFICE BLDG.

Administration Quarters, Garage and Toll Booths In Contract

Bids for erecting the Administration Building and constructing the Toll Plaza on the east approach to the San Francisco-Oakland Bay Bridge will be opened in San Francisco, July 26, Chief Engineer C. H. Purcell announced yesterday.

A single contract will be let for the entire job. It will include the Administration Building, a two-story and basement structure, a one-story garage, nine tool booths and canopy over them, and paving of the Toll Plaza.

The Administration Building will be 75 by 75 feet, built of reinforced concrete, with terra cotta exterior. It will house all offices of the bridge administrative personnel. The garage building will be 70 by 90 feet and will be built of steel and concrete. The canopy will be structural steel with concrete roof.

Paving will require about 2,000 square yards of portland cement and asphalt concrete.

Plans and specifications will be ready for contractors Friday at the Bridge Division offices, 500 Sansome street, upon deposit of $50.

Claude C. Wood Low Bidder on Shasta Contract

Claude C. Wood, Stockton, yesterday submitted the low bid to the U. S. Bureau of Public Roads, for grading and subgrade reinforcement on Section D of the Mt. Shasta-Mt.Lassen National Forest Highway. The bid was $48,664, approximately $6,000 under the engineers' estimate.

Following bids were received:

Claude C. Wood, Stockton	$48,664
Isbell Const. Co., Reno	49,251
Harms Bros., Sacramento	
J. C. Chigris, S. F.	56,994
Hanrahan-Wilcox Corp., San Francisco	57,572

Classic Design For $1,225,000 Mint; Plans Here Disclose Building Detail

Plans and specifications for the $1,225,000 San Francisco Mint, for which bids will be opened in Washington, D. C., July 25, have been received here and are on file in the office of the Treasury Department, Procurement Division, Seventh and Mission Streets.

The new Mint Building will be situated on the block bounded by Duboce, Buchanan, Hermann and Webster Streets, with the main entrance facing Duboce. It will be four stories in height and architecturally will follow the classic tradition.

The building will cover a rectangular area approximately 207 by 185 feet, with a court in the center. It will be of structural steel frame construction, with reinforced concrete floor slabs and concrete exterior walls with stone or terra cotta facing.

On the first floor a large lobby is situated just beyond the entrance, with a guard room on one side and a timekeeper's room on the other. On this floor will be located the receiving department, storage vaults, melting and refining vault, plumbing, carpenter and blacksmith shops, boiler room and motor generator room with control panels and other electrical equipment.

The second floor will be occupied by melting rooms, a rolling room, annealing room, coiner's weigh room and vault, and a press room and offices.

On the third floor will be the refiner's melting room, cell room, a machine shop, assay laboratory, and a number of offices, including that of the building superintendent.

The top story will contain record rooms, an electric shop, the precipitator system machine room, and a lunch room and kitchen for mint employees. Lavatories and washrooms are located on each floor.

Partitions throughout the building, with a few exceptions, will be of reinforced concrete and will be provided with the most modern protective equipment available.

Alternate proposals in the bidding schedule call for either asphalt-block or composition roofing.

The general contract, now out for bids, does not include installation of passenger and freight elevators, vault doors and equipment, and certain special lighting fixtures.

Plans for the new Mint were prepared by Architect Gilbert Stanley Underwood of Los Angeles and members of the Treasury Department supervising architect's staff.

A unique architectural feature of the building will be a series of large stone coins applied against the face of the outer facade. The disks, each of which will be three feet in diameter, are planned to tell the history of coinage from ancient times down to the present day.

Shipments of distillate oil burners totaled 5,825 in May, as compared with 4,381 in May last year, according to the Bureau of the Census.

MILL OUTPUT 50% OF AVERAGE

Production at northwest lumber mills increased during the week ended June 22 to 35,500,000 feet, a gain of 55 per cent from the low week of May 25. In the last week reported by the West Coast Lumbermen's Association production was fifty per cent of the weekly average for the year to date.

Shipments were over production by 7.1 per cent and their current sales were over production by 37.2 per cent. The orders booked last week by this group of identical mills were under the total in the preceding week by about 3,000,000 feet or approximately 5.4 per cent.

Builders Vote Appreciation of Chairman's Work

Endorsement of the state bond issue for institutional building, which will be submitted to a vote August 13, was voted at the meeting of the Building Industry Legislative Confereuce held last week in Oakland.

Members of the conference heard a report from S. G. Johnson, chairman, who represented the group at Sacramento during the last session of the legislature. In appreciation of his services the delegates adopted the following resolution:

WHEREAS, S. G. Johnson has faithfully and efficiently represented the building business in legislative matters at the recent session of the state legislature, and,

WHEREAS, He has given devotedly and freely of his time without compensation or thought of recompense, therefore,

BE IT RESOLVED: That the Building Industry Legislative Conference hereby expressed to Mr Johnson its sincere appreciation of his volunteer services and the success attending his efforts.

STEEL HOUSE BOOKLET

A booklet describing the Berloy Steel-Frame House is a recent publication of the Berger Mfg. Co., a subsidiary of Republic Steel Corp. Copies may be obtained by writing the Berger Mfg. Co., Steel Frame House Division, Canton, O.

STEEL LINK TO EASTBAY COMPLETED

Ready To Pave Spans Connecting Upper Bridge Deck With Fill

The San Francisco-Oakland Bay Bridge has been tied to land at the east end, according to the weekly progress report of Chief Engineer C. H. Purcell filed with State Director of Public Works Earl Lee Kelly.

The girder spans which bring the upper deck of the bridge down between the forks of the truck lanes have been completed, bringing the upper deck down on to the sand fill in the Oakland tidelands. All that remains now to tie the upper deck of the bridge to land is to pave these girder spans.

San Francisco

Construction of the main viaduct and the on-ramp has been continued by the Healy-Tibbitts Construction Company.

West Bay Superstructure

Spinning operations continued during the past week, and the first set-up of four strands should be completed for the south cable during the coming week by the Columbia Steel Company.

Yerba Buena Island

A total of 120 I-beam ribs, or two-thirds of the steel arch supports for the roof of the world's largest bore tunnel have been placed in the Yerba Buena Island vehicular bore.

A total of 80 feet of the 540 feet of the roof has been lined with concrete to date. A second steel form for pouring the concrete lining has been set up by the Clinton Construction Company so that future progress on the tunnel lining should be 40 feet per week.

East Bay Superstructure

Except for two panels, the west anchor arm has been completed by Columbia Steel Company. When these two panels of steel are erected the bridge work on the Island will have reached Pier E-2.

The last of the five 508-foot thru truss spans is now 65 per cent complete.

The distribution structure, carrying the bridge over the railroad tracks on the Alameda County bay shore, is now well under way, and Barrett and Hilp, contractors, have placed the concrete footings for the columns supporting the viaduct.

J. F. Knapp, contractor for the $117,478 Folger Avenue subway for Berkeley approach to the bridge, has started excavation.

APPOINTED

Simonds Saw and Steel Co., 228 First Street, San Francisco, has been appointed Pacific Coast representatives for Abrasives Products Company of South Braintree, Mass.

TERMITE WORK CONFLICT SEEN IN NEW LAWS

Contractor's Qualification Urged For Structural Pest Exterminators

Conflict between provisions of the new Contractors License Act and another statute passed by the state legislature is seen if both bills, which are now awaiting the governor's signature, become laws.

AB-2382, introduced by Assemblywoman Eleanor Miller of Pasadena, establishes a State Pest Control Board in the Department of Professional and Vocational Standards and provides for the licensing of structural pest control operators as well as those concerns operating primarily as rodent exterminators and fumigators. According to persons familiar with the bill it would convey jurisdiction over termite exterminators from the Contractors' License Bureau to the Pest Control Board. However, the new Contractors' License Act also establishes a classification of structural pest control contractor. If both bills are signed the operator in the business of termite extermination apparently will be required to obtain a contractor's license, but will not be qualified to practice until he also has qualified with the Pest Control Board and has obtained a license from this division. The question of whether those qualified by the Pest Control Board must also be licensed contractors is of concern to the building industry.

A. A. Brown, structural engineer of San Francisco, who is one of the leading authorities on termites, yesterday declared that jurisdiction over this type of pest control should be kept in the building industry. Inspection and extermination of termites is a business only for persons who are qualified as builders, Mr. Brown asserted. Widespread infestation of buildings as disclosed by the SERA survey now in progress in San Francisco indicates the necessity for prompt action to control termites, but the killing of colonies when they are found is not sufficient to render damaged buildings safe for occupancy, Mr. Brown declared.

The survey made thus far indicates more than ten percent of all structures will require emergency failure due to weakening of columns failure ue to weakening of columns and beams. This condition demands that inspections be made by persons familiar with building design in order that owners may be accurately advised, Mr. Brown points out.

May sales of residential mechanical stokers numbered 1,704, the Bureau of the Census reports, as compared with 902 in May, 1934.

Oakland Paving, Santa Clara Underpass Among Eight Highway Contracts Advertised

SACRAMENTO, July 2—Six major construction jobs and two oiling contracts were released today by the State Division of Highways for bids to be opened in Sacramento and Los Angeles, July 24 and 25, respectively. The work includes reconstruction of portions of Thirty-eighth street and Moss avenue in Oakland, one of the bridge route arterials, and construction of an underpass at the Agnew intersection of the state highway with the Southern Pacific Railroad in Santa Clara county.

The State Division of Architecture today also issued a call for bids for construction of the $100,000 sewage disposal plant at Camarillo State Hospital. Bids will be opened July 30.

Following is a summary of the contracts advertised today. **(Complete list of bid items appears in the Advance Report Section):**

Alameda County: Grade and pave with portland cement concrete and asphalt concrete about nine-tenths of a mile in the city of Oakland, on Thirty-eighth street and Moss avenue, between Market street and Broadway.

Santa Clara County: Construct an undergrade crossing under the tracks of the Southern Pacific Railroad, one and one-half miles south of Agnew, consisting of two concrete abutments with wing walls, and pave approaches with portland cement concrete.

Madera County: Surface about seven and eight-tenths miles with plant mix on a crusher run base, between Coarse Gold and Oakhurst.

Kern County: Grade and pave with either asphalt concrete or portland cement concrete about one mile and construct reinforced concrete underpass abutments, one mile south of Delano.

Modoc and Siskiyou Counties: Grade about five and one-half mi. between a point southeast of Tule Lake and the Oregon State Line.

Kings and Tulare Counties: Seal coat treatment to be applied on about 23.3 miles in the vicinity of Corcoran, Tulare and Lindsay.

Tulare & Fresno Counties: Road-mix surface treatment of shoulders for a distance of 34.9 miles between Visalia and Orange Cove and Visalia and Wood Lake.

San Bernardino County: Grade and pave with portland cement concrete or asphalt concrete one and nine-tenths miles in the city of Redlands.

SERA COMPLETING ROAD CONSTRUCTION

Snake road alignment and grading being done as an SERA project by the city of Oakland is 89 per cent complete, according to Chas. F. B. Roeth, SERA administrator. Approximately 210 men have been employed continuously on the job. The total cost is reported at approximately $168,000.

PLAN HOSPITAL BUILDING WITH PWA ASSISTANCE

County Plants To Be Improved Under Work-Relief Program

Initial steps toward construction of county hospital facilities under the new PWA program were taken by two Northern California counties this week. Three other counties have outlined similar building programs already.

Fresno board of supervisors directed Fresno Allied Architects to prepare preliminary plans for a kitchen and nurses' home unit to cost about $150,000. The supervisors will apply for a PWA grant of 45 per cent of the cost. The balance of the money will be included in the 1935-36 budget. A new refrigeration unit for the county hospital and an additional boiler installation also will be required, according to N. E. James, county building superintendent.

Tehama county supervisors have authorized Architect W. E. Coffman, Sacramento, to prepare preliminary plans for a new county hospital building to cost $100,000. Application will be made for a P W A loan and grant.

Sonoma, Santa Clara, and Monterey county officials already have announced plans for replacing or adding to their hospital plants.

DEMONSTRATION HOME VISITED BY 200,000

The Eastbay Exposition Home at 22nd Street and Broadway in Oakland will be open Sunday evening, July 7, for the last time, according to R. W. Breuner, chairman of the executive committee of the Home Planning Bureau, display home sponsor. More than 200,000 visitors have examined the model home since its opening four months ago, it is reported.

The home was designed by Architects Miller & Warnecke, and built by Contractor Geo. Windsor. Materials were donated by a group of Eastbay manufacturers and building material dealers, working through the Home Planning Bureau, a non - profit organization whose aim is to furnish information on all phases of home building and modernization.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
622	Wolter	Owner	5000
623	General	QRS	2000
624	Cavagnaro	Oliva	1600
625	Dastague	Anza	3500
626	Doelger	Owner	4000
627	Doelger	Owner	4000
628	Doelger	Owner	4000
629	Dastague	Anza	3500
630	Huntington	MacDonald	10000
631	Peterson	Peterson	3000
632	Carmichael	Sharman	4000
633	Twoomey	Sharman	6000
634	Norwood	Bernhardt	1000
635	Baxter	Grosman	3000
636	Baxter	Grosman	1000
637	Parodi	Huggard	2000
638	Devincenzi	Amoroso	2000
639	Standard	Owner	3000
640	Anza	Owner	5000
641	Anza	Owner	3000
642	Winterberg	Owner	2800
643	Lawrence	Stoneson	1000
644	Biandi	Faggioni	5000
645	Salvation	Lindgren	4000
646	Salvation	Lindgren	4000
647	Salvation	Lindgren	8000
648	Salvation	Lindgren	5000
649	O'Brien	Dinwiddie	8000
651	Salvation	Lindgren	4000
650	Salvation	Lindgren	4000
652	Salvation	Lindgren	4000
653	Salvation	Lindgren	7000

DWELLING
(622) W FERNWOOD Drive 100 NW Brentwood. Two - story frame dwelling.
Owner—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Hateo. $5000

SIGN
(623) NO. 1 DRUMM ST. Electric sign.
Owner—General Petroleum Co., Prem.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—QRS Neon Corp., Ltd., 690 Potrero Ave., S. F. $2000

ALTERATIONS
(624) NO. 2362 BRYANT ST. Alter dwelling.
Owner—Mr. Cavagnaro, Premises.
Architect—Not Given.
Contractor—Victor Oliva, 2731 24th St., San Francisco. $1600

DWELLING
(625) W WEBSTER 87 S Chestnut. One - story and basement frame dwelling.
Owner—Josephine Dastugue et al, % Contractor.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., S. F. $3500

DWELLING
(626) E THIRTY-FIRST AVE. 175 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc, 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(627) E THIRTY-FIRST AVE. 150 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc, 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(628) E THIRTY-FIRST AVE. 200 N Judah St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc, 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(629) W WEBSTER 112 S Chestnut. One - story and basement frame dwelling.
Owner—Josephine Dastugue et al, % Contractor.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., S. F. $3500

ALTERATIONS
(630) SE CALIFORNIA and Taylor; alter apartmenta.
Owner — Huntington Apartments, SE California and Taylor Streets.
Architect—W. P. Day, Financial Center Bunlding.
Contractor—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., $10,000

DWELLING
(631) S 28th ST. 180 W Noe; one-story and basement frame dwelling.
Owner—Olga Peterson, % contractor.
Architect—Donnell Jaekle, 126 Post.
Contractor—G. L. Peterson, 229 Bonview. $3,000

DWELLING
(632) NW 32nd AVE. and Cabrillo; one - story and basement frame dwelling.
Owner—J. Carmichael, % contractor.
Architect—Not Given.
Contractor — Thos. R. Sharman, 3700 Broderick Street. $4,000

FLATS
(633) W GUERRERO 47 S Duncan; two - story and basement frame flats.
Owner—D. Twoomey, % contractor.
Architect—Not Given.
Contractor — Thos. R. Sharman, 3700 Broderick Street. $6,000

ALTERATIONS
(634) 2451 30th AVE.; alter dwelling.
Owner—Gus Norwood, premises.
Architect—Not Given.
Contractor—Bernhardt & Cowen, 924 Taraval St. $1,000

STORE
(635) SW 14th ST. and Shotwell; 1-story brick store.
Owner—A. M. Baxter, 393 Eddy St.
Architect—Not Given.
Contractor—Wm. E. Grosman, 1 Newton St. $3,000

CLEANING PLANT
(636) SW 14th ST. and Shotwell; 1-story Class A cleaning plant.
Owner—A. M. Baxter, 393 Eddy St.
Architect—Not Given.
Contractor—Wm. E. Grosman, 1 Newton Street. $1,000

ALTERATIONS
(637) NE THIRD ST. and Revere; alter auto supply station.
Owner—Philip Parodi, premises.
Architect—Not Given.
Contractor—John W. Huggard, Rialto Building. $2,000

ALTERATIONS
(638) 1362 KEARNY ST.; alter flats.
Owner—A. Devincenzi, premises.
Architect—Not Given.
Contractor—F. C. Amoroso & Sons, Wallace and Keith Sts. $2,000

DWELLING
(639) E TWELFTH AVE. 125 N Moraga St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

FLATS
(640) W ROOSEVELT WAY 63 N Clifford Terrace. One-story and basement frame flats.
Owner—Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect——F. F. Amandes, 1879 18th Ave., S. F. $5000

DWELLING
(641) S JUDAH ST. 95 E 22nd Ave. One-story and basement frame dwelling.
Owner—Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Architect——F. F. Amandes, 1879 18th Ave., S. F. $3000

ALTERATIONS
(642) NO. 2720 BRODERICK STREET Alter dwelling.
Owner—W. H. Winterberg, Premises.
Architect—Not Given. $2800

ALTERATIONS
(643) NO. 54 BRENTWOOD ST. Alter dwelling.
Owner—Dr. Lawrence, Premises.
Architect—Not Given.
Contractor — Stoneson Bros., 1630 Ocean Ave., S. F. $1000

DWELLING
(644) W THIRD ST 75 S Paul St. Two-story and basement frame dwelling and store.
Owner—Joseph Biandi, 1504 McKinnon St., San Francisco.
Architect—Not Given.
Contractor—C. A. Faggioni and G. Barsotti, 1567 Revere St. $5000

CHILDREN'S HOME
(645) SW SUNNYDALE AND HAHN Sts. One-story frame children's home.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St. San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush. $4000

CHILDREN'S HOME
(646) SW SUNNYDALE AND HAHN Sts. One-story frame children's home.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush. $4000

ADMINISTRATION BLDG.
(647) SW SUNNYDALE AND HAHN Sts. Two-story frame administration building.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St. San Francisco.
Contractor — Lindgren & Swinerton, Inc., 225 Bush St. $8000

INING ROOM
48) SW SUNNYDALE AND HAHN Sts. One-story frame dining room.
wner—Salvation Army, 115 Valencia St., San Francisco.
rchitect—D. D. Stone, 110 Sutter St. San Francisco.
ontractor — Lindgren & Swinerton, Inc., 225 Bush St. $5000

LTERATIONS
49) SW SUTTER AND LARKIN Sts. Alter for garage.
wner—James K. O'Brien, Smartsville, Calif.
ngineer—Norman B. Green, Sharon Bldg., San Francisco.
ontractor — Dinwiddie Constr. Co. 210 Crocker Bldg. $8000

HILDREN'S HOME
50) SW SUNNYDALE AND HAHN Sts. One-story frame children's home.
wner—Salvation Army, 115 Valencia St., San Francisco.
rchitect—D. D. Stone, 110 Sutter St. San Francisco.
ontractor — Lindgren & Swinerton, Inc., 225 Bush St. $4000

HILDREN'S HOME
51) SW SUNNYDALE AND HAHN Sts. One-story frame children's home.
wner—Salvation Army, 115 Valencia St., San Francisco.
rchitect—D. D. Stone, 110 Sutter St. San Francisco.
ontractor — Lindgren & Swinerton, Inc., 225 Bush St. $4000

HILDREN'S HOME
52) SW SUNNYDALE AND HAHN Sts. One-story frame children's home.
wner—Salvation Army, 115 Valencia St., San Francisco.
rchitect—D. D. Stone, 110 Sutter St. San Francisco.
ontractor — Lindgren & Swinerton, Inc., 225 Bush St. $4000

ELP'S QUARTERS
53) SW SUNNYDALE AND HAHN Sts. One-story frame helps' quarters.
wner—Salvation Army, 115 Valencia St., San Francisco.
rchitect—D. D. Stone, 110 Sutter St. San Francisco.
ontractor — Lindgren & Swinerton, Inc., 225 Bush St. $7000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
31	Lee	Coburn	2000
32	O'Connell	Jones	1000
33	Thayer	Cone	3500
34	Dutra	Bardwell	10000
35	Joint	Six	2,329,255
36	Haas	Baker	1123
37	Brasch	Owner	1400
38	Heywood	Peterson	3500
39	Fickett	Nordstrom	4000
40	Sigwald	Owner	7500
41	Becraft	Owner	1000
42	Donnelly	Rednous	1000

EPAIRS
431) NE BAY PLACE AND HARrison St., **OAKLAND.** Fire repairs.
wner—Don Lee, Premises.
rchitect—Not Given.
ontractor—Ira W. Coburn, 2048 Market St., San Francisco. $2000

LTERATIONS
432) NO. 849 THIRTY-EIGHTH ST. **OAKLAND.** Alterations.
wner—Mrs. O'Connell, Premises.
rchitect—Not Given.
Contractor — S. Jones, 5829 Lawton Avenue, Oakland. $1000

ALTERATIONS
(433) 677 14th STREET, **OAKLAND;** alterations.
Owner—Thayer Estate Co., 577 14th Street, Oakland.
Architect—E. T. Foulkes, 357 12th St. Oakland.
Contractor—W. C. Cone, 608 16th St., Oakland. $3,500

DWELLING
(434) 6111 ACACIA AVENUE, **OAKLAND;** two-story 8-room dwelling and 1-story garage.
Owner—Frank J. Dutra, Box 84, Concord.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.
Contractor—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland. $10,000

TUNNEL & BLDGS. ....
(435) BROADWAY and Keith Ave., **OAKLAND;** concrete tunnel and buildings.
Owner—Joint Highway Dist. No. 13, 1448 Webster St., Oakland.
Architect—Not Given.
Contractor—Six Companies of California, P. O. Box 120, Berkeley. $2,329,255

ALTERATIONS
(436) 829 38th ST., **OAKLAND;** alterations.
Owner—Helen M. Hass, 831 38th St., Oakland.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland. $1123

ALTERATIONS
(437) NO. 1811 PARK BLVD., **OAKLAND.** Alterations and repairs.
Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given. $1400

ALTERATIONS
(438) NO. 1844 UNIVERSITY AVE., **BERKELEY.** Alterations.
Owner—L. Heywood, 1401 Walnut St., Berkeley.
Architect—Not Given.
Contractor—G. Peterson, 825 Evelyn Ave., Berkeley. $3500

ALTERATIONS
(439) NO. 55 CAMBRIAN ROAD, **PIEDMONT.** Alterations.
Owner—James E. Fickett, Prem.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom. $4000

RESIDENCE
(440) NO. 546 BLAIR AVE., **PIEDMONT.** Two-story 7-room frame residence and garage.
Owner—Sigwald Bros., 916 Alma Ave., Oakland.
Architect — Ray Keefer, 770 Wesley Ave., Oakland. $7500

TANK
(441) NO. 9253 SAN LEANDRO ST., **OAKLAND.** Steel tank.
Owner—Becraft & Norling, Inc., 421 E-12th St., Oakland.
Architect—Not Given. $1000

ADDITIONS
(442) NO. 2729 STUART ST., **BERKELEY.** Additions.
Owner—C. H. Donnelly, Premises.
Architect—Not Given.
Contractor — C. E. Rednous, 2144 Spaulding St., Berkeley. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
139	Gardner	Galli	5650
140	Dastague	Anza	5350
141	Dastague	Anza	4950
46	Alameda	Wagner	121914

BUNGALOW
(139) W TWENTIETH AVE. 160 N Lawton St. All work for 5-room Patio-plan bungalow.
Owner—Thos. E. J. and Mary J. Gardner, 1427 Willard St., S. F.
Architect—Not Given.
Contractor — R. F. Galli, 1574 28th Ave., San Francisco.
Filed June 27, '35. Dated June 24, '35.
Contract signed .....$ 250
Work started 500
Tar and gravel roof on..... 1225
Brown coat plaster on..... 1225
When completed 1225
Usual 35 days..... 1225
TOTAL COST, $5650
Bond, $5650. Surety, Maryland Casualty Co. Limit, 100 working days. Forfeit, $2 per day Plans and specifications, none.

DWELLING
(140) W WEBSTER 87-6 S Chestnut; one-story and basement frame dwelling.
Owner—Mrs. Josephine and Miss Nathalie Dastague, care contractor.
Architect—Not Given.
Contractor—Anza Home Bldg., Co., 1498 36th Ave.
Filed June 28, '35. Dated May 7, '35.
Frame work up and ready for roof 25%
Brown coated 25%
Completed 25%
Usual 35 days.....25%
TOTAL COST, $5,350.00
Bond, $5,350. Sureties, Massachusetts Bond & Insurance Co. Limit, 120 working days. Plans and Spec. filed.

DWELLING
(141) W WEBSTER 112-6 S Chestnut; one-story and basement frame dwelling.
Owner—Mrs. Josephine and Miss Nathalie Dastague, care contractor.
Architect—Not Given.
Contractor—Anza Home Bldg., Co., 1498 36th Ave.
Filed June 28, '35. Dated May 7, '35.
Frame work up and ready for roof 25%
Brown coated 25%
Completed 25%
Usual 35 days.....25%
TOTAL COST, $4,950.00
Bond, $4,950. Sureties. Massachusetts Bond & Insurance Co. Limit, 120 working days. Plans and Spec. filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
44	Wadsworth	Dixon	7750
45	Fickett	Nordstrom	4478
46	Alameda Co.	Makin	121914
47	Alameda Co.	Monarch	41583

LATHING, ETC.
(46) TWELFTH AND FALLON STS Oakland. All work for lathing and plastering new courthouse.
Owner—Alameda County Courthouse.
Architect—W. G. Corlett, et al.
General Contractor—K. E. Parker.
General Contractor—K. E. Parker and George Wagner, 181 South Park, San Francisco.
Sub-Contractor—William Makin, 2141 Livingston St., Oakland.
Filed July 2, '35. Dated May 22, '35.
25th of each month..... 75%

Completed and accepted..... 25%
TOTAL COST, $121,914
Bond, $60,957. Surety, Fidelity & Casualty Co. of New York. Limit, forfeit, plans and specifications, none.

MODERNIZATION
(44) NE COR. E 14th ST. and 5th Ave., Oakland; modernization of chapel.
Owner—H. A. Wadsworth and C. M. Hanrahan, 2704 9th Ave., Oakland.
Architect—Not Given.
Contractor—W. W. Dixon, L. W. Roth 1844 5th Ave., Oakland.
Filed, June 29, '35. Dated June 21, '35.
Frame in place $1400
First coat of interior plaster.... 1400
Interior finish and 1st coat of plaster for exterior 1400
Completion 1775
Usual 35 days..... 1400
60 days after acceptance..... 375
TOTAL COST, $7,750
Plans and Specifications filed.

ADDITIONS
(46) NO. 65 CAMBRIAN AVE., Piedmont. All work for additions and alterations to residence.
Owner—Jas. E. Fickett.
Architect—Wm. Edw. Schirmer, Bank of America Bldg., Oakland.
Contractor — David Nordstrom, 15 Nace St., Oakland.
Filed July 1, '35. Dated July 1, '35.
Usual 35 days.....$1119.50
Balance paid in week installments in accordance with application approved by Architect 3358.50
TOTAL COST, $4478.00
Bonds, (2) $2239 performance; $2239 labor and material. Surety, Maryland Casualty Co. Limit , 21 days. Forfeit, none. Plans and specifications filed.

ORNAMENTAL IRON WORK
(47) TWELFTH AND FALLON STS. Oakland. Ornamental iron work, etc., for courthouse.
Owner—Alameda County Courthouse.
Architect—W. G. Corlett et al.
Contractor—K. E. Parker and Geo. Wagner, 181 South Park, San Francisco.
Sub-Contractor—Monarch Iron Works, 262 7th St., San Francisco.
Filed July 2, '35. Dated Mar. 26, '35.
On 25th of each month..... 75%
Completed and accepted..... 25%
TOTAL COST, $41,683
Bond, $41583. Surety, Standard Accident Insurance Co. Limit, May 15, 1936. Forfeit, none. Plans and specifications, none.

SAN FRANCISCO UNDER $1000

ALTER market, $65; 1060 Grant Ave.; owner, A. E. Devato, 2430 Lake.
ALTER dwelling, $150; 456 Vienna St. owner, Richard Kohler, 548 Brazil
ALTER dwelling, $475; 511 Potrero Ave.; owner, Marie Molinaire, Prem.; contractor, Victor Oliva, 2731 24th St.
ALTER dwelling, $160; 651 22nd Ave.; owner, W. Rodgers, Premises.
ALTER flats, $490; 111 Lyon Street; owner, Ralph E. Beighley, 135 Carl Street.
HOTHOUSE, one-story frame, $300; W Delta 262 S Sunnydale; owner, C. Martorella, 60 Ocean Ave.
SIGN, electric, $475; 291 Geary St., roof or St. Paul Bldg.; owner, Western Pacific Co., Mills Bldg.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER store, $40; 742 Grant Ave.; owner, Geo. Lee, Prem.; contractor, Wong Chee Kee, 890 Washington St.
ALTER store, $100; 4348 Mission St.; owner, Vincent Tammaro, 2790 23rd Street.
PLAYHOUSE, frame one-story, $200 SW Calhoune and Union Sts.; owner, Marie Maretti, 285 Union.
ALTER flats, $90; 1220 Geary Street; owner, Eva Muir, Premises.
FLUES, $50; S Seneca St. 50 E Delano St.; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walter Furnace & Sheet Metal Works, 3410 17th St.
ALTER dwelling, $125; 76 Oakwood; owner, Mrs. I. M. Broadmarket, Premises.
ALTER hotel, $400; 176 Fourth St.; owner, Mr. Grialow, 132 Geneburn Way; contractor, Stoneson Bros., 1630 Ocean Ave.
ALTER flats, $40; 1398 Geary Street; owner, E. S. Arata, 1388 Geary.
ALTER apartments, $200; 861 Sutter St.; owner, Mrs. Tobin, % Contractor; contractor, G. P. W. Jensen & Sons, Inc., 320 Market St.
SIGN, electric, $50; 1301 Van Ness Ave.; owner, Pacific Nash Co., Premises; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $50; 1301 Van Ness Ave.; owner, Pacific Nash Co.; Premises; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $100; 1301 Van Ness Ave.; owner, Pacific Nash Co., Premises; contractor, Brumfield, 965 Folsom St.
FLUES, $150; E Mission St. 100 N Russia Ave.; owner, A. B. Frank, 4607 Mission St.; contractor, Carl Downall, 6084 Mission St., Daly City.
SIGN, electric, $100; 176 6th Street; owner, Dudley Market, Premises; contractor, Neon Sign Service Co. 1707 Folsom St.
SIGN, electric, $100; 160 1 Franklin St.; owner, Kearn Garage, Prem. contractor, Neon Sign Service Co. 1707 Folsom St.
ALTER dwelling, $200; 700 Kansas St.; owner, John Gober, Prem.
ALTER dwelling, $400; 2609 Gough St.; owner, Mrs. Allyne, Premises contractor, John Ferguson, 1739 Union St.
ALTER apartments and stores, $415; SE 14th tnd Valencia Sts.; owner, Keystone Realty Co., 307 Valencia St.; contractor, S. F. Plastering and Concrete Co., 107 27th Street.
FLUE, $25; 3134 Fulton St.; owner, Mrs. M. Ryan, Premises; contractor, National Sheet Metal Works, 3168 Mission St.
SIGN, electric, $175; 3239 Balboa St.; owner, Cinderella Cleaners, Prem contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $50; 1301 Van Ness Ave.; owner, Pacific Nash Co., Premises; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $150; 2793 Mission St.; owner, Mission Shoe Renewing. Prem.; contractor, Burmfield, 965 Folsom St.
SIGN, electric, $200; 1536 Pacific Ave. owner, Herb Schow, Prem.; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $200; 4086 18th Street; owner, Valley Inn., Prem.; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $100; 2263 Mission St.; owner, Harry Flynn, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
SIGN, electric, $100; 1661 Fillmore St. owner, Sig Marg, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER flats, $350; 4407 20th Street; owner, H. Silk, Premises; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.

ALAMEDA COUNTY UNDER $10

RE-ROOF garage and alter to sto $35; 3835 Hopkins St., Oakland owner, Pacific States Bldg. Loan Co., 745 Market St., S. contractor, H. W. Raines, Fresno Ave., Berkeley.
TERMITE repairs, $35; 37 Linda A Oakland; owner, Mrs. Koenig, Linda Ave.; contractor, Bro hurst Tile Co., 2819 Shattuck A Berkeley.
SIGNS (2) metal, $10 each; 8016 F hill Blvd., Oakland; owner, Ha en & Son's Market, Prem.; co tractor, American Creamery C 14th and Poplar Sts.
ADDITION, $490; 3140 E-27th Stre Oakland; owner, E. J. Knetzg Premises.
REPAIRS, $450; SW 3rd and Al Sts., Oakland; owner, H. R. G san, 987 Sunnyhills Road; co tractor, Harold L. Paige, 6661 O Grove Ave.
TERMITE repairs, $10 and $27; 25 a 27 Linda Ave., Oakland; own I. T. MacArthur, 37 Linda Av contractor, Brockburst Tile C 2819 Shattuck Ave., Berkeley.
ADD to garage, $46; 1708 Auseon A Oakland; owner, Wm. A. McF land, Premises.

SIGN, metal, $10; 1921 84th Aven Oakland; owner, Hunt & Brow Premises; contractor, Americ Creamery Co., 14th and Popla
ALTERATIONS, $70; 2511 Benven Ave., Berkeley; owner, Emr Palmer, Premises.

ALTERATIONS, $30; 2163 Shattu Ave., Berkeley; owner, A. Goodsen, Prem.; contractor, C. Rednous, 2144 Spaulding St.
ALTERATIONS, $300; 1645 Alist Way, Berkeley; owner, Lee, 13 Bancroft Way; contractor, J. Greel, 2318 West St.
ALTERATIONS, $100; 2809 Webst St., Berkeley; owner, W. R. Ro enberger, Premises.
ALTERATIONS, $700; 2314½ Park St., Berkeley; owner, Florenc Adams, Premises; contractor, V. Harris.

SIGN, electric, $110; 3232 Footh Blvd., Oakland; owner, Boulevar Tailors, Prem.; contractor, Ge Elec. Sign Co., 1009 Fruitvale Av
SIGN, cloth, $6; 3728 Hopkins Stree Oakland; owner, Regal Corn Cleaners, Prem.; contractor, Goodsell, 3656 38th Ave.
SIGN, metal, $10; 2141 23rd Avenu Oakland; owner, Model Beau Shop, Premises; contractor, J. Warren, 4335 E-14th St.
ALTERATIONS,. $700; 433 Moss Av Oakland; owner, Patrick Gayne 465 Moss Ave.
ALTERATIONS, $300; 950 38th Stree Oakland owner, C. A. Davis, 9 38th Street.
GARAGE, one-story, $125; 1442 5 Ave., Oakland; owner, Mrs. G. Turner, 907 Portal Ave.
RE-ROOF, $89; 3830 Piedmont Av Oakland; owner, Mrs. N. T. Jone Premises; contractor, F. C. Mey 2640 Harrison St.
ALTERATIONS, $175; 1212 Frankl St., Oakland; owner, Red Lic Tavern, Premises; contractor, T. Caskey, 4215 Carson St.
Ave., Oakland; owner, Levi Cor Premises.
SIGN, metal, $15; 2511 Broadwa Oakland; owner, Precision Bea ing, Inc., Premises; contractor, F. Barnes, 5236 Claremont Ave.
SIGN, electric, $50; 1429 Harrison St Oakland; owner, T. Lloyd, Prem contractor, Brumfield Elec. Sig Co., 965 Folsom St., S. F.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Banks
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Equipment

1— APARTMENTS

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. SE California and Taylor Streets.
Alterations to apartment building.
Owner—Huntington Apartments.
Architect—W. P. Day, Financial Center Building.
Contractor—MacDonald & Kahn, Financial Center Bldg.

3— CHURCHES

COMMISSIONED TO PREPARE PLANS
HOLLYWOOD, Los Angeles Co., Cal.—Architecas Douglas McLellan & Allen McGill, 806 Architects Bldg., have been commissioned to prepare plans for a group of new buildings to be erected at Selma and Las Palmas Aves., for the First Baptist Church of Hollywood; Dr. Harold L. Proppe, pastor. The architects are completing preliminary sketches this week and will start the preparation of working drawings shortly. Several buildings will be erected on the site, which covers an area of 185x175 feet, providing an auditorium to seat 850 persons, Sunday school department to accommodate 1100, a chapel to seat 150, and a fellowship hall to seat 600. They will be reinforced concrete structures. The church that formerly occupied the site was destroyed by fire May 3.

Contract Awarded.
CHURCH Cost, $45,000
OAKLAND, Alameda Co., Cal. Park Blvd. and St. James Drive.
One-story reinforced concrete church (to seat 1000) organ, etc.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—George Rossi, % Father Edwin J. Keller, Pastor, 4925 Park Blvd., Oakland.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.
General contract price is approximately $22,000. Organ bids will be taken in about thirty days.

SUB-BIDS WANTED
SAN FRANCISCO. — Fred DuPuy, 110 Sutter Street, desires sub-bids on all portions of the work for the alterations to church on Sutter and Lyon Streets for the Episcopal Bishop of California for which bids will be opened July 8 at 2 P. M.
Plans prepared by Architect Arnold Constable, 580 Market Street.

4— FACTORIES & WAREHOUSES

Contract Awarded.
ADDITION Cost, $5000
UKGON, San Joaquin Co., Cal.
One-story galvanized iron and frame boiler house and alterations to main winery.
Owner—Lodi Winery Co. (S. E Manning, President), Lodi and San Francisco.
Plans by Owner.
Contractor—Hamilton & Burgette, Oakland and Lodi.

Reinforced Steel Contract Awarded.
WAREHOUSE, ETC. Cost, $60,000
ASTI, Sonoma Co., Calif.
Reinforced concrete warehouse and wine tanks.
Owner — Italian Swiss Colony, 871 Beach St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.

5— FLATS

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 1362 Kearny St.
Alterations to flats.
Owner—A. Devincenzi, premises.
Architect—Not Given.
Contractor—F. C. Amoroso & Sons, Wallace and Keith Streets.

Contract Awarded
FLATS Cost, $7,000
SAN FRANCISCO. W Guerrero South Duncan Street.
Two - story and basement frame and stucco flats.
Owner—D. Twoomey.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700 Broderick Street.

To Be Done By Day's Work.
FLATS Cost, $6,000
SAN FRANCISCO. W Roosevelt Way 63 N Clifford Terrace.
One-story and basement frame flats.
Owner and Builder—Anza Home Bldg. Co., 1499 86th Ave.
Architect—F. F. Amandes, 1879 18th Avenue.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $10,000
SAN FRANCISCO. NW Twenty-fourth and Valencia Sts.
One-story Class A service station.
Owner — McKale's, Inc., 1102 Claus Spreckels Bldg.
Plans by Engineering Dept. of Owner.
Contractor — Robert P. Kelly, 2227 20th Ave., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. NE Third and Revere Streets.
Alterations to auto supply station.
Owner—Philip Parodi, premises.
Architect—Not Given.
Contractor—John W. Huggard, Rialto Building.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. SW Sutter and Larkin Streets.
Alterations to garage.
Owner—James K. O'Brien, Smartsville, Calif.
Engineer—Norman B. Green, Sharon Building.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg.

Sub-Contracts Awarded.
SERVICE STATION Cost, $6,276
SAN FRANCISCO. Market and Buchanan Streets.
Steel service station.
Owner—Union Oil Company of California, 220 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Robert P. Kelly, 2227 20th Avenue.
Plumbing—Thomas Smith, 1483 Palou Avenue.
Electric Wiring—Aetna Electric Co., 1435 Eddy Street.
Electric Fixtures—Benjamin & Graybar Electric Company.
Sheet Metal, Structural Steel, Steel Sash, Etc.—Michel & Pfeffer Iron Works, Harrison & 10th Streets.
Tile Work—Burgess Tile Co., 72 Bruce Avenue.
Reinforcing Steel—W. C. Hauck and Co., 280 San Bruno Ave.
Iron Grille Work—Enterprise Foundry, 2902 19th Street.
Lumber—San Francisco Lumber Co., Beach and Powell Streets.
Hardware—Jackson Hardware Co.
Painting—Chas. Siller, 1914 Vine St., Berkeley.
Grading—Thomas O'Brien.
Concrete—Bode Gravel Co., 235 Alabama Street.

7— FEDERAL BUILDINGS

Bids Wanted—To Close July 25, 1:00 P. M.
MINT Cost, $1,225,000
SAN FRANCISCO. Duboce Ave., Hermann, Buchanan and Webster Streets.
Four-story structural steel frame mint (207.9x185.1 feet) (reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors, etc.)
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C., and Gilbert Stanley Underwood, 408 S. Spring St., Los Angeles.
Bids are being taken on a general contract, excepting elevators, vault doors, and special lighting fixtures.
The following offices, etc., will be housed:
First Floor—Storage vaults, melting and refining vault; (receiving department); plumbing, carpentry and blacksmith shops, motor generator room and control panels, timekeeper's room and guard's room.
Second Floor—Melting rooms, rolling room, annealing room, coiner's weigh room; vault; pressroom and offices.
Third Floor—Refiners melting room (cell room) machine shop, assay laboratory; building superintendent's offices, etc.
Fourth Floor—Precipitator system machine room; electric shop; record rooms; lunch room and kitchens.
Lavatories and wash rooms on all floors.
Bids are being taken as follows:

(1) Work complete, excepting elevators, vault doors and special lighting fixtures;
(a) Add, if limestone for exterior ashlar of building is used in lieu of stone or granite;
(b) Add if granite for exterior ashlar is used;
(c) Deduct for omitting asphalt block roofing and substituting composition roofing;
(d) Add or deduct for substituting marble, tile and metal in lieu of structural glass in certain specified locations;
(e) Add or deduct for furnishing and installing Type B electric clock system in lieu of Type A system.

Plans and specifications may be obtained from Treasury Department, Washington, D. C. No deposit required for one set.

SUB-BIDS WANTED

SAN FRANCISCO—U. S. Fireproofing Co. (general contractors) 228 N. La Salle St., Chicago, Ill., desires sub bids on all portions of the work for the construction of the U. S. Mint in San Francisco, for which bids will be opened by the Treasury Department, Washington, D. C., on July 25, 1 P. M.

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—A. S. Hansen & Co., 2200 25th Ave., Seattle, at $21,804 awarded contract by Bureau of Reclamation at Coulee Dam for the construction of a garage and fire station at Grand Coulee Dam, Columbia Basin Project, Wash.

CONTRACT AWARDED

LONG BEACH, Cal.—Fred J. Ward, 1247 W First St., Long Beach, has been awarded contract by 11th Naval District at $1963 for improvements to heating system at the Naval Reserve Air Base, Municipal Flying Field Long Beach; Spec. 8005.

PLANNED

LOS ANGELES, Cal.—Treasury Department officials state that condemnation proceedings will be started at once to acquire property at Alameda and Macy Sts., owned by the Los Angeles Union Passenger Terminal, as the site for the new postal distributing building. It will be a four-story, Class A structure, costing approximately $2,500,000. Plans will be prepared in Washington under the supervision of Architect Gilbert Stanley Underwood, a member of the Federal Board of Architects. Construction is expected to get under way early in 1936.

Plans To Be Prepared.

POST OFFICE Cost, $66,000
YREKA, Siskiyou Co., Calif.
United States post office building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D. C.

BIDS WANTED

SAN FRANCISCO—Until July 25, 1 P. M., bids will be received by Treasury Department, Washington, D. C., for furnishing and installing elevators in the U. S. Mint, San Francisco.

General contract bids will be opened on the same date.

Low Bidders.

POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect Washington, D. C.
Low Bidder—Atlas Constr. Co., 39 Congress St., Pasadena.

Three low bidders follow:
Atlas Constr. Co., Pasadena.....$44,500
Wm. P. Neil Constr. Co., L. A. 46,850
Chas. Dorfman, Los Angeles.... 52,960

Complete bids will be published shortly.

Bids Wanted—To Close July 31, 1:00 P. M.

POST OFFICE Cost, $79,200
REDDING, Shasta Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required for one set and additional sets may be procured at a cost of $5.00.

Bids Wanted—To Close July 31, 1:00 P. M.

POST OFFICE Cost, $150,000
GRANTS PASS, Oregon.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required for one set and additional sets may be procured at a cost of $5.

BUILDING MATERIALS APPROVED

BELL, Los Angeles Co., Cal.—The Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. post office at Bell. L. F. Dow Co., Los Angeles, general contractors:

Water heating boiler, U. S. Radiator Co.; boiler, Fitzgibbons Boiler Co. back water valves, J. A. Zurn Mfg. Company.

BUILDING MATERIALS APPROVED

KELSO, Wash. — Treasury Department approved the following building materials and equipment awards for the construction of the U. S. post office at Kelso. Hoffman Construction Co., Portland, general contractors.:

Plumbing fixtures, Crane Co.; electric water cooler and drinking fountain, Halsey Haylor Co.; indirect water heater, Bell and Gossett Co.; water supply pipe, Revere Brass & Copper Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; backwater valve, Blake Mfg. Co.; backwater cesspools, Thos. F. Butler Co.; non - conducting covering for plumbing, Johns - Manville Co.; receptacles, General Electric Co.

Boiler, Fitzgibbons Boiler Co.; tube and wall radiators, American Radiator Corp.; nonconducting covering for heating, Johns - Manville Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, American Radiator Co.; air valves for ends of the steam mains, J. P. Marsh Co.; main entrance switch and lighting distribution panels, Trumbull Elec. Mfg. Co.; r.c. wire, Hazard Insulated Wire Wks. receptacles and flush switches, General Electric Co.; glassware, Perfection Glass Co., Gill Glass Co. and the Perfeclite Co.; pendant switches, Bryant Electric Co.; lighting fixtures, Perfeclite Co.

BUILDING MATERIALS APPROVED

INGLEWOOD, Los Angeles Co., Cal. —Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office at Inglewood. Theo. A. Beyer Corp., Los Angeles, general contractor:

Gas fired water heater, Pittsburgh Water Heater Co.; sump pump, Imperial Brass Mfg. Co.; air valves for radiators, Hoffman Specialty Co.; service entrance switch, Bulldog El. Co.

BUILDING MATERIALS APPROVED

EL MONTE, Los Angeles Co., Cal. —Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office in E Monte. N. A. Anderson, 414 Rowan Bldg., Los Angeles, general contractor:

Glassware, Gill Glass Co. and Moe-Bridges Corp.; pendent switch, Pass & Seymour; lighting fixtures, Perfeclite Co.; gas water heater, Crane Co

Bids Wanted—To Close July 31, 1:00 P. M.

POST OFFICE Cost, $55,000
LODI, San Joaquin Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office. No deposit required for one set and additional sets may be procured at a cost of $5.

PLANNED

MARE ISLAND, Calif.—Navy Department, Bureau of Yards & Docks, has filed request with Division of Applications and Information for following allotments from work - relief funds: $20,000 for service building and accessories; $800,000 for store house and accessories; $90,000 for additional quay wall along Naval Ammunition Depot.

8— CLUB BUILDINGS

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1750 Clay Street.
Alterations to clubhouse.
Owner—California Club, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

9— HOSPITALS

PREPARING PLANS

LONG BEACH, Calif.—Architect I. E. Loveless, 102 S. Robertson Blvd., Beverly Hills, is preparing plans for a Class A hospital building to be erected at Tenth St. and Linden Ave., Long Beach, for the Sisters of Charity of the Incarnate Word. It will be a five-story, reinforced concrete structure, providing 75 beds, and will have a steam heating system. A 1-story service building will also be erected on the site.

Preparing Preliminary Plans.

NURSES' HOME AND KITCHEN Cost, $150,000
FRESNO, Fresno Co., Cal. County Hospital.
Kitchen and nurses' home.
Owner—County of Fresno.
Architect—Allied Architects of Fresno (comprising, W. D. Coates, C. W. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz and E. O. Petersen).

Foundation Started.

ADDITION Cost, $14,000
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant, tile and linoleum floors, etc.; 90x39 feet.
Owner—Dr. C. W. Weaver, Memorial Hospital (Colonel W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Mgr. of Constr.—J. Pordon, Healdsburg.
Concrete Aggregate — Harvey Taylor, Healdsburg.

Other awards will be made shortly

Plans Being Prepared.
HOSPITAL Cost, $25,000
NEWMAN, Stanislaus Co., Calif.
½-story reinforced concrete hospital (25 beds) nurses' quarters; steam heating plant, air cooling system)
Owner—City of Newman.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Application has been filed with the PWA for a loan and grant to finance the construction.

Bids Opened.
ATTENDANT QTRS. Cost, $150,000
CAMARILLO, Ventura Co., Cal. Camarillo State Hospital.
Four one- and two-story reinforced concrete attendant quarters buildings tile roof, steam heating system to connect to main plant, etc.)
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Low Bidder—Los Angeles Contracting Co. and C. C. Wopschall, 4816 W. Pico Blvd., Los Angeles.
Complete bids follow:
(1) deduct for omitting certain portions of work.
(2) deduct for omitting certain portions of work.

Los Angelee Contracting Co. & C. G. Wopschall, L. A.		$108,000
	(1)	5,000
	(2)	2,700
J. A. Hunt, San Diego		113,300
	(1)	6,300
	(2)	3,500
Wigg Constr. Co., Pacoima		119,737
	(1)	6,709
	(2)	3,981
L. A. Geisler, Hunting Park		121,820
	(1)	4,570
	(2)	2,285
A. H. Vogt, San Francisco		127,500
	(1)	4,000
	(2)	2,500

Awards on other portions of the work were made as follows:
Heating — Scott Co., 243 Minna St., San Francisco, $6872.
Plumbing—Scott Co., 243 Minna St., San Francisco, $12,787.
Electrical Work—H. H. Walker, 1323 Venice Blvd., Los Angeles, $7427.

10— HOTELS

CONTRACT AWARDED
VAN NUYS, Los Angeles Co., Cal. —Lindgren & Swinerton, Inc., builders, 605 W. Olympic Blvd., applied for a building permit to erect a two-story, 84-room, reinforced concrete convent hotel building (120x171-ft.) at 15231 Magnolia Blvd., Van Nuys Dist., for Poor Sisters of Nazareth of San Diego, owners, 1518 N. Kenmore Ave. H. E. Loveless, architect, 102 S. Robertson Blvd., Beverly Hills. Cost, $170,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
SAN FRANCISCO—McGilvray-Raymond Corp., 9 Potrero Ave., at $1,683 submitted low bid on granite pointing, and McNelly Lacquer Service Co., at $1,050 submitted low bid for cork floors, to Department of Public Works for repairing and refinishing cork floors and for granite pointing at the Public Library. Complete bids follow:

Granite Pointing

McGilvray - Raymond Corp.	$1,685.00
Wm. A. Ralney & Sons	1,950.00

Cork Floors

McNelly Lacquer Service Co.	$1,050.00
Alternate	180.00
Royal Floor & Linoleum Co.	1,052.90
Alternate	190.00

Bids In—Held Under Advisement.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Calif. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.), auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Jos. Loseckann, 1218 West Harding St., Stockton.
Announcement will be made within a few days.

Contracts Awarded.
FIRE HOUSE Cost, $12,000
BELMONT, San Mateo Co., Calif.
One-story frame and stucco fire house (dormitory to house 8 men) work involves concrete, lumber, brick work, plastering, electrical work, tile roof, wall and floor tiling, etc.
Owner—City of Belmont Board of Fire Commissioners.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Supt. of Const.—Frank O'Brien, Belmont.
Mill Work—Pacific Mfg. Co., Santa Clara, $794.
Rock and Aggregate—Albert Hansen, Belmont, $2 per yard.
Other awards will be made shortly.

STEEL CONTRACT AWARDED
SANTA MARIA, Santa Barbara Co., Cal.—C. D. Relly, 423 Salispuedes St., Santa Barbara, was awarded contract by the Santa Barbara County Supervisors July 1, at $3067.84, for all labor and material necessary for structural steel work for the Veterans' Memorial building to be erected at Santa Maria. Other bids were: Minneapolis-Moline Power Implement Co., $2934; Doane Building Co., $3796.10. R. A. Polley, Santa Maria, Architect.

July 3, 1935
Material Bids Wanted—To Close July 8 8 P. M.
COMPLETE CITY HALL, ETC. $——
CLOVERDALE, Sonoma Co., Cal.
Complete city hall and fire house (48x58 feet) (reinforced concrete construction).
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Bids are being taken on materials as follows:

	Est. Cost
(1) Glass	$ 56.00
(2) Paint	65.00
(3) Shades	28.00
(4) Fire door	295.00
(5) Vault door	200.00
(6) Plaster	200.00
(7) Sheet Metal	180.00
(8) Miscellaneous iron	150.00
(9) Hot air heating system materials	300.00

Plans and specifications may be obtained from the architects.

14— RESIDENCES

CONTRACT AWARDED
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 54 Brentwood Street.
Alterations to residence.
Owner—Dr. Walter Lawrence, Prem.
Architect—Not Given.
Contractor — Stoneson Bros., 1630 Ocean Ave., San Francisco.

Contract Awarded.
RESIDENCES Cost, $5,350 each
SAN FRANCISCO. W Webster St. S Chestnut.
Two one-story and basement frame and stucco residences.
Owner—Mrs. Josephine Dastague.
Architect—Not Given.
Contractor—Anza Home Building Co., 1498 36th Ave.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. NW 32nd Avenue and Cabrillo Street.
One - story and basement frame and stucco residence.
Owner—J. Carmichael.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700 Broderick Street.

Plans Being Completed.
RESIDENCE Cost, $3,500
BERKELEY, Alameda Co. Cal. Woodmont Avenue.
One-story frame residence.
Owner—T. L. Kloss.
Architect—Fred. Reimers, 233 Post St. San Francisco.

Plans Being Completed.
RESIDENCE Cost, $3,500
LAFAYETTE, Contra Costa Co., Cal.
One-story frame residence (4 rooms) rustic exterior.
Owner—Mr. Nordstrom.
Architect—Fred. Reimers, 233 Post St. San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $4000
HAYWARD, Alameda Co., Cal.
One-story frame and stucco residence (5 rooms); shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. Patton Simonds, 192 Main St., Hayward.
Bids will be asked in about 2 weeks.

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN FRANCISCO. Twenty-eighth Street near Noe Street.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, canvas walls, tile bath, hardwood floors, wood sash, etc.
Owner and Builder—Gust. L. Peterson, 4386 26th St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Calif.
One - story and basement frame and stucco residence.
Owner—Robert Lawson.
Architect—Not Given.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.

Contract Awarded.
RESIDENCE & STORE Cost, $5,000
SAN FRANCISCO. W Third St. 75 S Paul.
Two - story and basement frame and stucco residence and store.
Owner—Jos. Biandi, 1504 McKinnon.
Architect—Not Given.
Contractor — C. A. Faggioni and G. Barsotti, 1567 Revere.

Sub-Contracts Awarded.
ALTERATIONS Cost, $18,300
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations to sorority house (stucco exterior, plumbing, painting, wiring, etc.)
Owner—Delta Gamma, 544 Lausen St., Stanford University, Palo Alto.
Architect—Chas. K. Sumner, Deckerock Bldg., Plao Alto.
Contractor—Moore & Roberts, 693 Mission St., San Francisco.
Plumbing—Lee & Sharp, Palo Alto.
Mill Work — Brannan Street Planing Mill, 560 Brannan St., San Francisco.
Sheet Metal — Lowell Davison, 375 Monterey Blvd., San Francisco.
Glass—Palo Alto Glass Co., Palo Alto

Lumber—Smith Lumber Co., 4th and Channel Sts., San Francisco.
Electric — American Electric Co., 465 Bryant St., San Francisco.

Plans Being Refigured.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (8 rooms and 2 baths) tile roof, hardwood floors, gas hot air heating system, tile baths, steel sash, etc.
Owner—Mr. Carmichael, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Figured.
RESIDENCE Cost, $5000
WOODLAND, Yolo Co., Cal. S. Pendergast St., bet. College and Elm.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner — Woodland Better Housing Committee.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. S Judah Street 95 E 22nd Avenue.
One - story and basement frame and stucco residence.
Owner & Builder—Anza Home Building Co., 1498 36th Avenue.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. 2720 Broderick.
Alterations to frame residence .
Owner—W. H. Winterberg, premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Avilla Street.
One-story frame and stucco residence.
Owner and Builder—Geo. H. Arthur, 16 W. Santa Inez, San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Wildwood Gardens.
Two-story and basement frame and stucco residence.
Owner—Matthew Wahraftig.
Architects—H. A. Schary, 605 Market St., and W. I. Garren, 233 Post St., San Francisco.
Contractor—eGorge Maurer, 50 York Drive, Piedmont.

Contract Awarded.
RESIDENCE Cost, $20,946
CARMEL, Monterey Co., Cal. James Meadows Tract.
One-story frame and stone residence.
Owner—Allen Griffin, 460 Colton St., Monterey.
Architect—Reginald Johnson, Architects Bldg., Los Angeles.
Contractor—Harold C. Geyer, 980 Hellam St., Monterey.

Plans Being Prepared.
RESIDENCE Cost, $7000
ORINDA, Contra Costa Co., Cal.
Two-story frame and stucco residence (6 rooms); tile roof, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $26,450
BURLINGAME, San Mateo Co., Cal. Bromfield Road.
Two-story and basement frame and stucco residence (12 rooms 6 baths and 8-car garage).
Owner—George Pope.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — D. B. Gladstone, 557 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7,000
SACRAMENTO, Sacramento Co., Cal. 3648 Lincoln Street.
Two-story frame and stucco residence
Owner—M. Brickley, 2720 Florence, Sacramento.
Architect—Not Given.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $8,000
FRESNO, Fresno Co., Cal. 1505 Wishon Street.
Two-story frame and stucco residence
Owner—Mrs. L. George.
Architect—Not Given.
Contractor—Murray Cabinet & Showcase Co., 1225 E St., Fresno.

Plans Being Prepared.
RESIDENCE Cost, $8500
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, tiled baths, wood sash.
Owner & Builder—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—Ray Keefer, 770 Wesley St., Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
STOCKTON, San Joaquin Co., Cal. No. 2721 Clarendon Avenue.
Two-story brick veneer residence (5 rooms).
Owner—Bruce Ross.
Architect—Not Given.
Contractor — F. P. Dobson, 1150 W. Harding St., Stockton.

Plans Being Figured.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame residence (California-Colonial Style).
Owner—Boyce Clark.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $4,478
PIEDMONT, Alameda Co., Calif. 55 Cambrian Avenue.
Alterations and additions to residence.
Owner—Jos. E. Tickett, premises.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—David Nordstrom, 15 Nace St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $7,750
OAKLAND, Alameda Co., Calif. East 14th Street and Fifth Ave.
Alterations to funeral parlor (new chapel, modernize first floor, stucco exterior of building, etc.)
Owner — Hanrahan Wadsworth, Pine and Borba, 510 E. 14th St., Oakland.
Plans by W. W. Dixon, 1844 Fifth Avenue, Oakland.
Contractor—Dixon & Roth, 1844 Fifth Ave., Oakland.

Plans Being Figured.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Rincon Heights Subdivision.
Two-story frame and stucco residence (10 rooms and 4 baths) Mediterranean type; tile roof, wrought iron rails and balusters, etc.
Owner — Mr. and Mrs. Tom Proctor, Santa Rosa.
Architect—Herbert and Caulkins, Ro enberg Bldg., Santa Rosa.
Bids are being taken on a gener contract.

Plans Being Figured—Bids Close Ju 11th.
RESIDENCE Cost, $—
HILLSBOROUGH, San Mateo Coun Calif. Black Mountain Road.
Two - story and basement frame a stucco residence (11 rooms and baths) French Manor type, shing roof, gas heating system, har wood floors, canvas walls, wo sash, tile baths, etc.
Owner—Withheld
Architect—Leo Sharps, 1477 Burli game Ave., Burlingame.

Preparing Working Drawings.
RESIDENCE Cost, $—
HILLSBOROUGH, San Mateo Coun Calif. Las Canada Road.
Two-story residence (siding and bri exterior, probably shake roof, g hot air heating system, hardwo floors, tile baths, wood sash, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burli game Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $4,0
SAN FRANCISCO. E 12th Avenue I N Moraga St.
One - story and basement frame ar stucco residence.
Owner and Builder—Standard Buildir Co., 1500 Judah Street.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $—,
PALO ALTO, Santa Clara Co., Cali Crescent Park.
Two-story frame, stucco and commo brick residence (7 rooms and baths) shake roof, tile bath hardwood floors, wood sash, etc.
Owner and Builder—W. R. Voorhie Inc., Alameda de las Pulgas, Red wood City.
Architect — Mario Corbett, Benjami Franklin Hotel, San Mateo.

Revised Plans Being Completed.
RESIDENCE Cost, $—
HILLSBOROUGH PARK, San Mato County, Calif.
Two-story and basement frame an stucco residence (11 rooms and baths) Provincial French typ wood shake roof, gas hot air hea ing system, hardwood floors, til baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Po tal and Portal Drive, San Fran cisco.
New bids will be asked in about weeks.

Contract Awarded
RESIDENCE Cost, $—
MILL VALLEY, Marin Co., Calif.
Two-story frame and stucco residenc
Owner—Robert and E. D. Brown, Mi Valley.
Plans by Conrad T. Kett, Mill Valle
Contractor—Melvin Klyce, 34 Euger St., Mill Valley.

To Be Done By Day's Work.
COTTAGE Cost, $—
RICHMOND, Contra Costa Co., Cali E. Western Drive, Harrison an McKinley.
One-story frame and stucco cottage.
Owner and Builder—M. Terck, 3 Harrison St., Richmond.
Architect—Not Given.

CONTRACT AWARDED
SANTA BARBARA, Calif.—F. W Noble, Hill Acres ranch, Goleta, he been awarded contract for erectio

of a large residence at 2100 Las Tunas Road, Santa Barbra, for Mrs. M. R. Dennison, Tremonto Road, Santa Barbarn. It will cost approximately $16,000. Work has been started on the foundations.

Contract Awarded
ALTERATIONS Cost, $2,000
OAKLAND, Alameda Co., Calif. 3454 Laguna Ave.
Alterations and additions to residence
Owner—Ida May Kelley, 3454 Laguna Ave., Oakland.
Architect—Not Given.
Contractor—Whalin Bros., 2943 23rd Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4131 Lyman Road.
One-story and basement frame and stucco residence (5 rooms).
Owner—M. E. Randolph, 5121 Miles Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. W Cochran Ave. 217 N Agnes St.
Two-story frame & stucco residence 6 rooms).
Owner—Norman R. Chaput, 1140 Channing Way, Berkeley.
Architect—Not Given.
Contractor—F. S. Taylor, P. O. Box 95, Fruitvale.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twentieth Ave. 150 N Lawton St.
One-story and basement frame and stucco residence.
Owner—T. E. J. Gardner, 1427 Willard St., San Francisco.
Architect—Not Given.
Contractor — R. F. Galli, 1574 28th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,650
SAN FRANCISCO. W 20th Ave. 150 N Lawton Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Thos. and Mary Gardner, 1427 Willard Street.
Architect—Not Given.
Contractor—R. F. Galli, 1574 28th Avenue.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. W Webster St. 112 S Chestnut St.
One - story and basement frame and stucco residence.
Owner—Josephine Dastugue, et al.
Architect—Not Given.
Contractor—Anza Home Building Co. 1498 36th Avenue.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. W Webster St. 87 S. Chestnut St.
One - story and basement frame and stucco residence.
Owner—Josephine Dastugue, et al.
Architect—Not Given.
Contractor—Anza Home Building Co. 1498 36th Avenue.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 2362 Bryant St.
Alterations to frame residence.
Owner—Mr. Cavagnaro, premises.
Architect—Not Given.
Contractor—Victor Oliva, 2731 24th Street.

Plans Being Figured.
OAKLAND, Alameda Co., Cal. Joaquin Miller Tract.
One-story frame residence (4 rooms)
Owner—M. Sunderland.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Bids are being taken from selected list of contractors.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 333 Pershing Drive.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Stanley A. Moore.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.
Lumber—Loop Lumber Co., Broadway and Blanding St., Alameda.
Steel Sash — Soule Steel Co., 1750 Army St., San Francisco.
Glass—East Bay Glass Co., 621 5th St., Oakland.
Heating and Sheet Metal—Atlas Heating & Ventilating Co., 1451 32nd St., Oakland.

Low Bidder.
RESIDENCE Cost, $8000
ORINDA, Contra Costa Co., Cal.
One-story and basement frame and stucco residence (7 rooms and 2 baths), some basalite work; tile roof, oil burning heating system, steel sash, hardwood floors, etc.
Owner—W. C. Corbett.
Architect — Williams & Wastell, 374 17th St., Oakland.
Low Bidder—Harry Kane, 921 Ramona St., Albany.

Sub-Bids Being Taken.
ALTERATIONS Cost, $5000
SAN FRANCISCO. Lakeview Ave.
Alterations to two-story frame residence.
Owner—Withheld.
Architect—Not Given.
Contractor—Phillip Miller & Son, 384 San Miguel Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirty-first Ave. N Judah Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, 320 Judah St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3869
LOMITA PARK, San Mateo Co., Cal.
One-story board and batten cottage.
Owner—Dr. Robert G. Lawson, 210 Post St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $8200
BURLINGAME, San Mateo Co., Cal.
Two-story half-timber common brick residence (6 rooms and 2 baths); shake roof, tile baths, hardwood floors, wood sash, etc.
Owner—Karl Mooney, Esq. Pen Realty Co., 1464 Burlingame Ave., Burlingame.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Plans Being Completed.
RESIDENCE Cost, $6000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (6 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—D. P. McKelvey.
Architect — Jas. H. Anderson, 2812 Russell St., Berkeley.
Bids will be asked in about one week.

Plans Being Prepared.
RESIDENCE Cost, $6800
BURLINGAME, San Mateo Co., Cal.
One-story common brick and stucco residence (French Provincial Type); 5 rooms, 1 bath; shake roof, tile bath, hardwood floors, wood sash ,etc.
Owner—Karl Mooney, Esq. Pen Realty Co., 1464 Burlingame Avenue, Burlingame.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 711 Salvatierra Street.
Two-story and basement frame and stucco residence.
Owner — Joseph and Sarah Hinsey, Palo Alto.
Architect—Chas. K. Sumner, Deckeroak Bldg., Palo Alto.
Contractor — Ralph C. Knight, 595 Bailey Ave., Mt. View.
Electric Wiring—Erskine Electric Co. Redwood City.
Heating—George Mead, Palo Alto.
Sheet Metal — Spangler Sheet Metal Works, Palo Alto.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Lumber—Shopke & Burke, Palo Alto.
Painting—Otto Freeborn, Mt. View.
Lathing and Plastering — E. Silva, Menlo Park.
Finish Hardware — Pacific Mfg. Co., Santa Clara.
Brick and Stone Work—Walker Bros., Menlo Palk.

Sub-Conracts Awarded.
RESIDENCE Cost, $12,284
MT. VIEW, Santa Clara Co., Calif. Grant Road near the Highway.
Two-story frame and siding residence (10 rooms, 3 baths) shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths.
Owner—Shabuya Co., Ltd.
Architect—Dole Ford Thomson, 179 Lincoln Ave., Palo Alto.
Contractor—Ralph Knight, Mt. View.
Electric Wiring—Valley Electric Co., Mt. View.
Heating—Spangler Sheet Metal Wks., Palo Alto.
Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Lumber—Pacific Mfg. Co., Santa Clara
Painting—Otto Freeborn, Mt. View.
Lathing and Plastering—J. C. Chiri, Mt. View.
Finish Material — Progress Mill, Mt. View.
Brick and Stone Work—C. E. Mills, Palo Alto.

Contract Awarded
RESIDENCE Cost, $6,000
PIEDMONT, Alameda Co., Cal. Windsor Avenue.
1½-story frame and stucco residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Mark Bristol, 1038 McKinley Ave., Oakland.

Plans Completed.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story frame, stucco and common brick residence, French style, (9 rooms and 5 baths) shake roof, tile baths, hardwood floors, wood sash, etc.

Owner and Builder—W. R. Voorhies, Inc., Alameda de las Pulgas, Redwood City.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Low Bidder
RESIDENCE Cost, $10,000
BERKELEY, Alameda County, Calif. Claremont District.
Two-story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof, hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.
Low Bidder — G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded.
SALINAS, Monterey Co., Cal.
RESIDENCE Cost, $——
One-story wood frame residence (Colonial style) 6 rooms and 2 baths; shingle roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—George Gould.
Architect—Chas. Lutner, 51 Maple St. Salinas.
Contractor—J. Frank Laughton, Rt. 1, Box 1158, Salinas.

Contract Awarded.
ALTERATIONS Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 2186 Linden Road.
Alterations to residence.
Owner—George Cogorno, Premises.
Architect—Not Given.
Contractor—I. R. Dryden, Kamp Ave. Stockton.

Contract Awarded.
RESIDENCE Cost, $4715
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One and one-half-story frame and stucco residence.
Owner — Ashby R. Farless, 151 Elm St., Hillsborough.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo.

Plans Completed.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story frame, stucco and common brick residence (7 rooms and 3 baths) shake roof, tile baths, hardwood floors, wood sash, etc.
Owner and Builder—W. R. Voorhies, Inc., Alameda de las Pulgas, Redwood City.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

15— SCHOOLS

Plans Being Prepared.
HEATING SYSTEM Cost, $8000
SANTA ROSA, Sonoma Co., Calif. Junior College Campus.
Installation of boilers and radiation for heating system in gymnasium building.
Owner—Santa Rosa Junior College.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Other improvements are contemplated for the buildings, including finishing of the science building, new equipment, alterations to Administration building, tennis courts, hockey field; motion picture talking equipment, etc.

CONTRACT AWARDED
VAN NUYS, Los Angeles Co., Cal. —Lindgren & Swinerton, 605 W 10th St., Los Angeles, have signed contract at $172,335 for construction of a home for boys at Magnolia and Sepulveda Blvds., southwest of Van Nuys for the Sisters of Nazareth of Hammersmith, London. Buildings to be constructed at this time include a 2-story administration building, to contain offices, Sisters' convent and a chapel; a dormitory to house approximately 60 boys, refectory building to contain three dining rooms, kitchen and helps' quarters; and a service building to contain a laundry and boiler plant. Another dormitory and classroom building will be built later. The buildings will be Class A, reinforced concrete structures, with stucco exteriors, art stone trim, clay tile roofs, steam heat, lockers, etc. I. E. Loveless, architect, 102 S. Robertson Blvd., Beverly Hills.

CONTRACT TO BE AWARDED
SANTA BARBARA, Cal.—Associated Architects of Santa Barbara, 116 E. Sola St., have recommended to the Santa Barbara board of education that a contract be awrded to D. H. McQuiddy, 716 Stte St., Santa Barbara, at $56,000 (including painting) for alterations and repairs to the Jefferson school in Santa Barara. The building will be reinforced with steel and other improvements made. Paul Jeffers, Architects' Bldg., Los Angeles, structural engineer.

Preliminary Plans Approved.
SCHOOL BLDGS. Cost, $——
BERKELEY, Alameda Co., Cal.
Auditorium, gymnasium and main building at the Willard School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.

Preliminary Plans Approved.
AUDITORIUM, ETC. Cost, $——
BERKELEY, Alameda Co., Cal. Claremont Ave., bet. Ashby Ave. and Webster Street.
South wing and auditorium at John Muir School.
Owner—Berkeley School District.
Architect—Eldridge T. Spencer, Spreckels Bldg., San Francisco.

Preliminary Plans Approved.
SCHOOL UNITS Cost, $——
BERKELEY, Alameda Co., Cal. Allston Way and Grove Street.
Gymnasium and two new units at the Berkeley High School.
Owner—Berkeley School District.
Architect—John Reid, 405 Montgomery St., San Francisco.
Further details will be announced shortly.

Revised Plans Completed.
ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School, brick construction, composition roofing, extension of present steam heating system, wood floors, etc.
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Upon approval of plans by State Division of Architecture, bids will be asked.

Preliminary Plans Approved.
SCHOOL UNIT Cost, $——
BERKELEY, Alameda Co., Cal. No. 2235 Russell Street.
Construct new unit at the LeConte School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Further details will be announced shortly.
(6562) 1st report April 11, 1935. • 15

Plans Awaiting Approval.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif.
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Upon approval of the plans by State Division of Architecture, bids will be asked.

BOND ELECTION
BRISBANE, San Mateo Co., Cal.—Brisbane Elementary School District will vote on July 30, on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a one-story frame and stucco grammar school to contain four classrooms in Brisbane.
Preliminary plans have been prepared by Architect Thomas Edwards, 9 Geary St., San Francisco.

NEW BIDS WANTED
LOS ANGELES, Cal.—Until July 10, 11:30 A. M., new bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two one-story frame and stucco school buildings to be built at the Santa Barbara Avenue School, 3990 S. Western Ave. Walker & Eisen, 437 S. Hill St., Architects. Previous bids were rejected.

CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Cal.—W. E. Allen, 752 W. Anaheim St., Long Beach, awarded contract by Long Beach Board of Education at $84,299 for construction of the elementary and high school buildings at Avalon. Harold C. Wildman, 3710 Lime Ave., Long Beach, Architect.

BIDS WANTED
SEBASTOPOL, Sonoma Co., Calif. —Until July 15, 8 P. M., bids will be received by B. Best, Clerk, Analy Union High School District, for furnishing and installing furniture and equipment in the high school building now under construction in Sebastopol. Bids are wanted as follows:
(1) Auditorium seats;
(2) Stage and Auditorium drapes;
(3) Window shades;
(4) Lavatory furniture;
(5) Library furniture and sewing furniture;
(6) Locker locks.
Bids may be offered for complete job and/or for any separate item or combination of items.
Plans and specifications may be obtained from above office upon deposit of $5.00.

CONTRACTS AWARDED
MILL VALLEY, Marin Co., Cal.—Mill Valley School District awarded the following contracts for certain alterations and repairs, consisting of painting the exterior of Homestead and of Old Mill schools, placing new roof on Summit School and Homestead School, painting six classrooms and adjoining cloakrooms. Also steel wire fence at Park School.

Fencing
Standard Fence Co., 440 Bayshore Blvd., San Francisco, $649.53.

Roofing
Marin County Roofing Co., Larkspur, $353 (Summit School); $143.75 (Homestead School).

Painting
Hans Larsen, Mill Valley, $166.00.

BID OPENING DATE POSTPONED
FORT BRAGG, Mendocino Co., Cal. —Until July 9, 8 P. M., (date postponed from July 2) bids will be received by Roy Woodward, Clerk, Fort

Bragg Union High School District, for the erection of a shop building at the Junior School in Fort Bragg.

Plans and specifications may be obtained from above office and from the Architect, Norman R. Coulter, 46 Kearny St., San Francisco.

BIDS OPENED

SAN FRANCISCO—Following bids received by Department of Public Works, for repairs to the Lowell High School, located on Hayes, Ashbury, Grove Sts. and Masonic Ave. L. H. Nishkian, 525 Market St., structural engineer:

Lathing and Plastering

M. J. King, 2343 Bay St. $15,647
James F. Smith 15,975
Leonard Bosch 18,973

Sheet Metal

Morrison & Co., 74 Duboce Ave...$5296
Tulloy Cornice Works 5700

Roofing

Alta Roofing Co., 976 Indiana St...$2187
J. W. Bender Roofing & Paving 2268
Mallott & Petersen 2290

Blackboards, Cork and Linoleum

Munthe Equipment Co., 7 Front Street ..... $ 9,360.00
General Seating Co. 9,887.20
Rucker Fuller Co. 9,970.00
American Seating Co. 10,451.00

Bids held under advisement.

LOS ANGELES, Cal.—Herbert M. Baruch Corp., 625 S. Olive St., submitted low bid to the Los Angeles Board of Education at $48,636 for reconstruction, strengthening and rehabilitation of the north building at the Sheridan Street School, 2322 E. Sheridan St. E. L. Bruner, architect; Grant & Bruner, structural engineers.

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Cal.—West Coast Linoleum and Carpet Co. 2703 Mission St., San Francisco, at $1360 awarded contract by San Rafael Board of Education for furnishing and laying linoleum in the High School building in San Rafael.

BONDS VOTED

SMITH FLAT, Eldorado Co., Cal.—Smith Flat School District voted bonds in the amount of $4000 June 28, proceeds to finance construction of a new school building in Smith Flat. Application will be filed with the FERA to furnish labor.

Plans Approved.

ADMIN. BLDG. Cost, $80,000
TAFT, Kern Co., Calif. Taft Union High School Campus.
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows).
Owner—Taft Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be asked shortly.

BOND ELECTION

MILLBRAE, San Mateo Co., Calif.—Millbrae Elementary School District will vote on July 24 on a proposal to issue bonds in the amount of $32,000, proceeds to finance construction of improvements to the Millbrae Elementary School on Chadbourne Ave., Millbrae, and the Lomita Elementary School on Santa Helena Ave., Lomita Park.

Floyd Huff and Claude C. Brown, Millbrae, are trustees of the school District.

July 3, 1935

LOW BIDDER

NAPA, Napa Co., Cal.—A. M. Caravajal, 431 Brown St., Napa, at $720 submitted low bid to Napa School District, for exterior painting of the Lincoln Grammar School in Napa.

16— BANKS, STORES AND OFFICES

Contract Awarded.

STORES Cost, $16,000
FRESNO, Fresno Co., Cal. No. 1366-1344 Fulton Street.
One-story store building.
Owner—Fred Black.
Architect—Not Given.
Contractor — Trewhitt Shields Co., Pacific Southwest Bldg., Fresno.

Plans Being Prepared.

OFFICE BLDG. Cost, $500,000
SAN FRANCISCO. No. 417 Montgomery Street.
Ten-story reinforced concrete office building.
Owner—Louis Lurie, 833 Montgomery St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Bids will probably be asked in about thirty days. Present building on site is now being razed by Symon Bros. wreckers.

PREPARING PLANS

SAN DIEGO, Cal.—C. R. Hite, Hollywood Roosevelt Hotel, 7006 Hollywood Blvd., is preparing plans for extensive alterations to an eight-story store building at Fifth Ave. and Broadway, San Diego, for the Walker Scott Corp. Cost, $50,000. R. M. Walker, proprietor of the Fifth Street Store in Los Angeles, president of Walker Scott Corp.

Contract Awarded.

STORE Cost, $10,000
STOCKTON, San Joaquin Co., Calif. No. 111 S. Eldorado Street.
One-story brick store building.
Owner—Jeromina Sanguinetti.
Architect—Not Given.
Contractor—E. Merlo, Route 2, Box 232, Stockton.

Sub-Contracts Awarded.

ALTERATIONS Cost, $15,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
Alterations to office building.
Owner—Pacific Gas & Electric Co.
Plans by Engineering Dept. of Owner.
Contractor — Hannah & Wooldridge, 268 Market St., San Francisco.
Electric—Armstrong Electric Co., 1388 Van Ness Ave. South, San Francisco.
Steel Sash and Iron—Peerless Ornamental Iron & Bronze Co., 1528 Folsom St., San Francisco.
As previously reported, brick work awarded to Wm. A. Rainey, 323 Clementina St.; plumbing to F. W. Spencer, 2085 Hayes St.; grading and concrete to M. Bettini, San Rafael; heating Co., 2059 Webster St., Oakland.

Contract Awarded.

LOFT BUILDING Cost, $500,000
SAN FRANCISCO. No. 417 Montgomery Street.
Ten-story reinforced concrete loft building (tar and gravel roof, steel sash, two elevators, steam heating system, etc.)
Owner—Louis Lurie, 333 Montgomery St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Contract Awarded.

STORE ALTERATIONS Cost, $2,000
BURLINGAME, San Mateo Co., Cal. 1217 Burlingame Avenue.
Alterations to store building.
Owner—Roy R. Wager.
Architect—Not Given.
Contractor—Thos. E. Daley, 1104 Vancouver Ave., Burlingame

Contract Awarded.

STORE Cost, $4,000
SAN FRANCISCO. SW 14th and Shotwell Streets.
One-story brick store building.
Owner—A. M. Baxter, 393 Eddy St.
Architect—Not Given.
Contractor—Wm. E. Grosman, 1 Newton Street.

Contract Awarded.

ALTERATIONS Cost, $4,000
OAKLAND, Alameda Co., Calif. 577 14th Street.
Alterations to building.
Owner—Thayer Estate Co., 577 14th St., Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—W. C. Cone, 608 16th St., Oakland.

CONTRACT AWARDED

..TUCSON, Ariz.—Winner Const. Co., Tucson, awarded a contract for remodeling a department store building at 35 N. Stone Ave., Tucson, for Albert Steinfeld & Co. Winner Company sublet structural work to Frank Putter Const. Co., Tucson. Cost, $45,000.

Plans Being Prepared.

OFFICE & SALES ROOM Cost, $——
PASO ROBLES, San Luis Obispo Co., Cal. Thirteenth Street.
One-story and basement brick and concrete office and sales room (25x70 ft.) to contain office, sales room and shop building concrete floors, composition roof, gas furnace, insulation materials, etc.
Owner—Santa Maria Gas Company.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.

Contract Awarded.

ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Calif. 530 18th Street.
Alterations and additions to offices (partitions, etc.) work involves mill work, glass and glazing, steel sash, painting, plumbing fixtures, some plastering, etc.
Owner—California State Employment Service.
Architect — Otto G. Hintermann, 126 Post St., San Francisco.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Bids Wanted—To Close July 26, 2:00 P. M.

ADMINISTRATION BLDG & TOLL PLAZA. Cost, $——
OAKLAND, Alameda Co., Cal. On approach to San Francisco-Oakland Bay Bridge.
Administration building (2-story and basement, 75x75 feet); one-story garage (70x90 ft.); 9 toll booths and canopy; 2000 sq. yds. cement and asphalt concrete paving in toll plaza; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.
Owner—State of California.
Plans by Engineering Department of San Francisco-Oakland Bay Bridge, 500 Sansome St., San Francisco.
Bids will be opened July 26, 2 P., by Chief Engineer C. H. Purcell, San Francisco - Oakland Bay Bridge, Division of State Department of Public Works, 500 Sansome St., San Francisco.
Plans will be ready for contractors, Friday, July 5, on deposit of $50, of $40 is returnable.

Bid Opening Date Postponed Until July 16, 12 Noon.

OFFICE Cost, $5000

SAN FRANCISCO. Market Street and Van Ness Avenue.
One-story Class C brick office building; flat roof, wood floors, wood sash, etc.
Owner — Pacific Finance Corp., 55 Montgomery St., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.

Contract Awarded.
ALTERATIONS Cont. Price, $53,125
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed; new store fronts, new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect — Wm. I. Garren, 233 Post St., San Francisco.
Contractor—Wm. M. Caldwell, 1241 Hedding St., San Jose.
Construction will start July 8.

17— THEATRES

Plans Being Figured—Bids Close July 9, 12 Noon.
ALTER THEATRE Cost, $75,000
SALINAS, Monterey Co., Calif.
Alterations and addition to Fox Theatre (new projection room, remodel interior, new stairs, carpets, furnishing, painting, decorating, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Following will submit bids:
Cahill Bros., 206 Sansome St., San Francisco.
James L. McLaughlin, 251 Kearny St., San Francisco.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Salih Bros., 25 Taylor Street, San Francisco.
G. P. W. Jensen, 320 Market St., San Francisco.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $——
VALLEJO, Solano Co., Calif.
Alterations and additions to Strand Theatre (work involves painting, decorating, remodeling of exterior and interior, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Announcement will be made within a few days.

Contract Awarded.
ALTERATIONS Cost, $3000
OAKLAND, Alameda Co., Cal. San Pablo Ave. and Stanford St.
Alterations to Gateway Theatre (concrete construction) remodel lobby and front.
Owner — Golden State Theatres, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Blvd., Oakland.

THEATER Cost, $——
Planned.
NAPA, Napa Co., Cal. Main St., bet. First and Pearl Streets.
New theatre building.
Owner — Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—Not Given.

19—MISC. CONSTRUCTION

CONTEMPLATED
SPARKS, Nev.—City officials have held conferences with State PWA Engineer J. L. Vandiver preliminary to application for loan and grant of federal funds for constructing municipal power, light and water system. R. H. Hill is city engineer.

PLANS BEING FIGURED
LOS ANGELES, Cal.—Architect M. J. Black, 5369 Wilshire Blvd., is taking bids from a closed selected list of contractors for a one -and part two-story brick and concrete film exchange building (80x90 ft.) to be built at the corner of Vermont Avenue and 20th St for W. D. Johnston.

Sub-Contracts Awarded.
CONVENIENCE STATION Cont. Price, $3958
SAN FRANCISCO. Lands End.
One-story reinforced concrete convenience station.
Owner—Board of Park Commissioners Park Lodge, Golden Gate Park.
Architect—George Kelham, 315 Montgomery St., San Francisco.
Contractor—De Luca & Son, 1745 Filbert St., San Francisco.
Roofing—W. J. Anderson, 3825 Army Street.
Plumbing—Skelly & Kohler, 1342 9th Avenue.
Tile Work—Richmond Tile Co., 3421
Reinforcing Steel — W. S. Wetenhall Co., 17th and Wisconsin Sts.
Iron Grill Work—F. Kern Sons, 517 Sixth St.
Hardware — Marshall Newell Supply Co., Spear and Mission Streets.
Toilet Partitions—Clervi Marble Co., 1721 San Bruno Ave.

20—MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED
FRESNO, Cal.—Standard Lumber & Mill Co., 1710 Blackstone Ave., Fresno, at $168.05 for lumber, and the Valley Lumber Co., P O. Box 1341, Fresno, at $85.26 for hardware, awarded contracts by Lieut. George T. Stump, Purchasing and Contracting Officer, Fresno District CCC, 414 P St., Fresno, under Bid No. 5905-35-137

BIDS OPENED
SAN FRANCISCO—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at $0.63 per ft., submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1397, for furnishing 10,000 ft. of 6-in. Class 150 cast iron water pipe.
Complete bids follow:
American Cast Iron Pipe Co., $.063 per ft.
United States Pipe & Foundry Co., $0.64.
Grinnell Co. of the Pacific, $0.65.
Rolph Mills & Co., $0.65.
Central Foundry Co., $0.67.
Pacific States Cast Iron Pipe Co., $0.67.
Utilities Supply Co., $0.70.

BIDS OPENED
SAN LEANDRO, Alameda Co., Cal. —Calrock Asphalt Co., 525 Market St., San Francisco, at $4.24 per ton, fob distributing plant, Oakland, submitted the only bid received by the San Leandro City Council for furnishing natural rock asphalt for the fiscal year ending June 30, 1936.
Bid held under advisement.

CONTRACT AWARDED
OAKLAND, Cal.—Diamond Springs Lime Co., 100 Howard St., San Francisco, awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 625, for furnishing quicklime and hydrated lime, as follows:
(1) 250 tons, more or less, quicklime delivered to Orinda Filter Plant, Orinda, $3,755.
(2) 75 tons, more or less, quicklime delivered to San Pablo Filter Plant, El Cerrito, $1,126.50.
(3) 25 tons, more or less, hydrated lime, delivered to Upper San Leandro Filter Plant, Oakland, $465.

BIDS RECEIVED
LOS ANGELES, Cal.—Bids for furnishing structural steel "I" beam ribs with appurtenant splice plates, base plates, bolts, and nuts, for support in 16-ft. tunnel, Spec. No. 113, were opened by the Metropolitan Water District July 1. The bids, which were referred to the engineering department, were:
Youngstown Steel Car Corp., Niles, Ohio (Chas. Cooper & Co., Los Angeles, local representative): (1) $14.15 per rib; total $22,640; fob cars or trucks, Niles, Ohio. Discount 1%, 10 days.
Consolidated Steel Corp., Ltd., Los Angeles: (1) $18.97; total, $30,352 plus California sales tax; fob Los Angeles; net 30 days.
Commercial Shearing & Stamping Co., Los Angeles: (1) $14.35; total, $22,960; fob cars Youngstown, Ohio. Discount, 1% 10 days.
Arthur J. O'Leary & Son Co., Chicago: (1) $32.25; total, $51,600 cars or trucks, Chicago. Discount ½ of 1%. Delivery: First shipment 30 tons in 45 days, and 30 tons every 18 days thereafter.
Los Angeles Shipbuilding & Dry Dock Corp., San Pedro: (1) $34; total $54,400; fob San Pedro. Add 3% sales tax if not exempt.

BIDS RECEIVED
LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, July 1, for furnishing and delivering eight only 30-ft. sections of steel forms for concrete tunnel lining fob department's Long Valley dam site under Spec. No. 1712:
Western Pipe & Steel Co. of California, $48.95 per lin. ft.; option to purchase four additional sections during period of one year from date of award of contract, $45 per lin. ft. Terms net.
Consolidated Steel Corp., $58.20 per lin. ft.; option to purchase four additional sections during period of one year from date of award of contract, $52 per lin. ft. Terms net.

BIDS OPENED
SACRAMENTO, Cal.—The following bids received by the State Purchasing Agent, Sacramento, under Spec. No. 58, for furnishing 90,000 gals. of white traffic lacquer and thinner:
Golberg Paint Co., San Francisco: (1) lacquer fob San Francisco, $1.89; (2) lacquer fob Los Angeles, $1.89; (3) thinner fob S. F., $0.99; (4) thinner fob L. A., $0.99.
Dan T. Maher: (1) $1.252; (2) $1.277 (3) $0.65; (4) $0.68; 2% 30 days.
Paraffine Companies, Inc., S. F.: (1 and 2) $1.26; (3 and 4) $0.66.
W. P. Fuller & Co.: (1 and 2) $1.26; (3 and 4) $0.66; 2% 30 days.
Arco Paint Co., San Francisco: (1 and 2) $1.63; (3 and 4) $0.96.
Pacific Paint & Varnish Co.: (1) $1.29; (2) $1.31; (3) $0.97; (4) $0.98.
Sherwin-Williams Co.: (1 and 2) $1.23; (3 and 4) $0.67.
General Paint Co.: (1 and 2) $1.54; (2 and 3) $0.75.
National Lead Co.: (1 and 2) $1.81; (3 and 4) $1.00.
Scriven & Quinn: (1 and 2) $1.38; (3 and 4) $0.78.
Mauer Mfg. Co.: (1) $1.48; (2) $1.54; (3) $0.82 (4) $0.86.
Superior Paint Co., Los Angeles: (1 and 2) $1.50; (3 and 4) $.80.
Pittsburgh Plate Glass Co.: (1) no bid; (2) $1.40; (3) no bid; (4) $0.90.
Glidden Co., San Francisco: (1 and 2) $1.63; (3 and 4) $0.71.
Bids held under advisement.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until July 9, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., for furnishing suspension type insulators under Bid No. A-23,034-A, f.o.b. shipping point and/or Boulder City, Nev. A. McD. Brooks, Purchasing Agent. The items are:

(1) 5300 insulator units with following characteristics: Diameter of Porcelain, 10 in.; spacing of units, 5-in., with plus or minus tolerance of ⅛-in.; leakage distance not less than 11.8 in. Rated combined mechanical strength not less than 11,000 lbs.

(2) 3000 insulator units with following characteristics: Diameter of porcelain, 10½ in.; spacing of units, 6 in., with plus or minus tolerance of 3/16-in. Leakage distance not less than 4.5 in. Rated combined mechanical and electrical strength not less than 15,000 lbs.

(3) 685 insulator units, spider inaert type hardware with alloy bonding in addition to bids on the specified cap and stud type with cement bonding. The characteristics shall be as follows: Diameter of porcelain, 11¼-in. Spacing of units, 6½ in. with plus or minus tolerance of 3/16-in. Leakage distance not less than 11 inches. Rated combined mechanical and electrical strength not less than 10,000 pouds. The glaze shall be blue.

BOULDER CITY, Nev.—Until July 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 698-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, eight safety doors and appurtenances for penstock anchor passageways at Boulder Dam, Boulder Canyon Project.

Specifications obtainable from the above office without charge to prspective bona fide bidders; to others, 75c not returnable.

LOS ANGELES COUNTY

LOS ANGELES, Cal.—Until July 8, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, for furnishing cement and reinforcing steel for use in the construction of a concrete-lined channel on Verdugo Wash from the debris dam 1700 ft. southerly, involving:

(1) 3600 bbls. cement in cloth sacks;
(2) 153,800 lbs. reinf. steel, as follows
(a) 1 cwt. ¾-in. round deformed steel;
(b) 1 cwt. 4/8-in. do;
(c) 228 cwt. ½-in. do;
(d) 1307 cwt. ⅜-in. do;
(e) 1 cwt. ¼-in. round plain steel.

Bids will also be received at the same time for hauling the cement to the site of the work or to Union Pacific siding, Glendale.

Mame B. Beatty, Clerk of Board.

Specifications obtainable from C. H Howell, Chief Engineer of the Los Angeles County Flood Control District 205 S. Broadway, upon payment of $1.50 per set.

LOS ANGELES, Cal.—Until July 8, 2 P. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, for furnishing cement and reinforcing steel for use in the construction of a concrete conduit on Verdugo Wash and Del Valle Ave. to the existing conduit above Mountain St., involving:

(1) 13,500 bbls. portland cement in cloth aacks;
(2) 957,500 lbs. round deformed reinforcing steel as follows:
(a) 1 cwt. ⅞-in. steel;
(b) 1164 cwt. ¾-in. steel;
(c) 4200 cwt. ⅝-in. steel;
(d) 3030 cwt. ½-in. steel;
(e) 1180 cwt. ⅜-in. steel.

Bids will also be received at the same time for hauling the cement to the site of the work or to Union Pacific siding at Lexington and Glendale Aves., Glendale.

Mame B. Beatty, Clerk of Board.

Specifications obtainable from C. H. Howell, Chief Engineer of the Los Angeles County Flood Control District 205 S. Broadway, upon payment of $1.50 per set.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

REFRIGERATOR, mechanical; Mare Island. Sch. 5433; July 12.
TUBING, seamless, steel; Mare Island Sch. 5429; July 12.
FIRE EXTINGUISHERS, three 35-lb. carbon dioxide stationary; Mare Island. Sch. 5424; July 12.
ZINC-OXIDE, 120,000 lbs. dry; Mare Island. Sch. 5441; July 16.
TITANIUM pigment, 400,000 lbs.; Mare Island. Sch. 5439; July 16.
BURNERS, fuel oil, 11; Mare Island. Sch. 5464; July 19.
BATTERIES, spare parts and 20,000 separators; Mare Island. Sch. 5469; July 19.
PETROLEUM - RESIDUUM, 300,000 lbs.; Mare Island. Sch. 5473; July 19.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

NATIONAL PARK SERVICE

SAN FRANCISCO — Until July 11, at 2:30 P. M., bids will be received by F. A. Kittredge, Chief Engineer, National Park Service, Room 409, Underwood Bldg., San Francisco, for furnishing pipe and fittings for colorado National Monument to be delivered f.o.b. cars at factory shipping point. Items include gate valves, pressure relief valves, air and vacuum valves, automatic air release valves, flanged fittings, screwed pipe fittings, galvanized pipe, gaskets and bolts.

SAN FRANCISCO CITY

SAN FRANCISCO—Until July 26, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1406, for furnishing 16-in.-20-in.-24-in.-30-in. 36-in.-42-in. and 54-in. gate valves for the San Francisco Water Department.

Specifications and proposal blanks obtainable on application to above office.

KERN COUNTY

BAKERSFIELD, Kern Co., Calif.—Until July 8, 11 A. M., bids will be received by F. E. Smith, Clerk, Board of Supervisors, Bakersfield, for furnishing approximately 84,900 ft. b.m. structural redwood and 300 steel braces and bolts and 4304 steel brackets and bolts for the construction of a grandstand at the Kern County Fairgrounds, Bakersfield.

Plans and specifications may be obtained from the County Purchasing Agent, Bakersfiehl.

WAR DEPARTMENT

FORT MASON, Cal.—Until July 26, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-303, R. M. CCC 359, Memo 6973, for furnishing 200 folding camp tables.

Specifications obtainable from above office.

SAN FRANCISCO.—Until July 9, 10 A. M., bids will be received by the Quartermaster Supply Officer, Fort Mason, under Bid No. 928-35-305 for furnishing 450 galvanized steel coal hods.

Specifications obtainable from above.

MET. WATER DISTRICT

LOS ANGELES, Calif.—Until July 8, 10 A. M., bids will be received by S. A. Joseph, Purchasing Agent of the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for the sale of one Class A drill steel sharpener, and one Cochise "40" rock hammer, wet type, with 1-in. hex. chuck under Bid No. S. M. 35. The equipment may be inspected at the District's warehouse at Indio.

LOS ANGELES, Calif.—Until July 16, 10 A. M., bids will be received by Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 40 steel batch car bodies for use in concrete work, in accordance with Spec. No. 111, copies of which may be obtained from the district engineering department, room 1007, upon payment of $2 per set. F. E. Weymouth, General Manager and Chief Engineer. Certified or cashier's check for $1000 must accompany each bid.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until July 8, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, U. S. Forest Service, Government Island, for furnishing 760 pieces of galvanized steel sheets and 11 pieces of ridge roll for roofing warehouses, under Bid No. 2673.

Bids are to be taken for delivery fob bidder's shipping point and/or Porterville, Calif.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until July 10, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Spec. No. LS 152 for furnishing 2400 concrete meter boxes and 250 concrete covers.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

PLANNED

SEATTLE, Wash.—King county commissioners have concluded agreement with Puget Sound Bridge and Dredging Co., 2929 16th St., SW, Seattle, to design and supervise construction of a toll bridge over Lake Washington to connect Mercer Island with Seattle at Seward Park.

The construction firm is to acquire all franchise rights of the Seattle Toll Bridge Company.

King county officials will apply for federal funds to finance construction estimated at $2,750,000.

PREPARING PLANS

SAN JOSE, Santa Clara Co., Cal.—Wm. D. Lotz, 35 W. San Carlos St., San Jose, is preparing plans for a concrete rigid frame bridge, 125-ft. span, 50-ft. wide on concrete piles, to be constructed over Guadalupe Creek connecting Prevost and River Streets. Estimated cost, $20,000.

Plans will be completed and bids will be called by the San Jose City Council the latter part of July.

Plans are also being prepared for a bridge to connect Bird and Montgomery Sts., but the project will not go ahead until next spring.

Wm. I. Popp, City Engineer.

LOW BIDDER

PIMA COUNTY, Ariz.—M. M. Sundt Const. Co., Tucson, at $112,997.11 submitted low bid to the Arizona State Highway Commission, Phoenix, June 28, for highway construction on the Tucson-Florence highway, NRM 9—AFE 528. The work lies within the city limits of Tucson on Stone Ave., approximately between Toole Avenue and Sixth Street, and consists of the construction of a reinforced concrete underpass and appurtenances.

22—DREDGING HARBOR WORKS EXCAVATION

BIDS OPENED

SAN LUIS OBISPO, Cal.—Bids for repairing the breakwater at San Luis Obispo Harbor, involving the furnishing and placing of (1) 8000 tons of new stone, and (2) the salvaging and placing of 400 tons of old stone, were opened by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, on June 26. The bids were:

Merritt-Chapman & Scott: (1) $3.79 (2) $5; total $32,320. Stone from Declezville. Rate 90c per ton, 170 lbs., 40 days.

Shannahan Bros.: (1) $5.80 per ton; (2) $2 per ton; total $47,200. Stone from bidder's quarry near Ormond on U. P. Railway. Rate $2.65. All rail, 165 lbs., 70 days.

Rohl-Connelly Co.: (1) $5.60 per ton (2) $10 per ton; total $48,800. Stone from Catalina Island; 164 lbs., 60 days.

BIDS RECEIVED

SANTA MONICA, Los Angeles Co., Cal.—Rohl-Connolly Co., 4351 Alhambra Ave., Los Angeles, submitted the low bid to Santa Monica city council July 1, at $8200, for reconditioning and repair of the breakwater in Santa Monica Bay in accordance with Spec. No. 64, Plan No. 859 and Plan No. 617. The bids were referred to Howard B. Carter, City Engineer.

The items were:

(1) Furnishing all sizes of rock in place in breakwater, estimated tonnage: 2000 (minimum of 1500 tons or maximum of 2500 tons);

(2) Lifting and re-seating of rock now in place in breakwater above an elevation of 5 ft. below mean lower low water; estimated number of rocks 20.

The bids were:

Rohl-Connolly Co.: (1) $8,000; (2) $200; total, $8200.

Merritt-Chapman & Scott Corp.: (1) $10,000; (2) $300; total, $10,300. Alternate bid: 1200 to 2000 tons of 2000 lbs. each, $4.10 ton.

BIDS WANTED

LOS ANGELES, Cal.—July 22, 3:00 P. M. bids will be received by U. S. District Engineer, 751 South Figueroa St., Los Angeles, for furnishing all labor and materials and performing all work for constructing a composite type breakwater approximately 2000 feet long in Los Angeles-Long Beach Outer Harbors. Work is financed with $1,000,000 appropriation of Emergency Work-Relief funds.

Bids will be taken as follows:

(1) 155,000 tons Class A stone;
(2) 150,000 solid cubic yards, exclusive of voids, Class B stone;
(3) 215,000 cu. yds. place measurement, dredging for sand and clay core.

Drawings and specifications obtainable from above office and on file at the office of Pacific Division, U. S. Engineers, Custom House, San Francisco.

23—IRRIGATION PROJ.

QUANTITIES LISTED

YUMA, Ariz.—Approximate quantities and items for the preparation of concrete aggregates at Station 90, All-American Canal, Boulder Canyon Project, for which bids will be opened by the Bureau of Reclamation, Yuma, Arizona, July 8, at 10 A. M. (M.S.T.), previously noted, are:

(1) 60,000 cu. yds. excav., all classes, stripping gravel deposits;
(2) 98,000 cu. yds. preparing and stockpiling sand;
(3) 35,000 cu. yds. preparing & stockpiling gravel, 3/16-in. to ½-in. size;
(4) 56,000 cu. yds. preparing & stockpiling gravel, ½-in. to 1-in. size;
(5) 32,000 cu. yds. preparing & stockpiling gravel, 1-in. to 1½-in. size;
(6) 19,000 cu. yds. preparing & stockpiling gravel, 1½-in. to 3-in. size.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SEATTLE, Wash.—Until July 16, P. M., bids will be received by U. S District Engineer, Lt.-Col. H. J. Wil Federal Office Bldg., Seattle, for re building part of south jetty at the en trance to Grays Harbor, Washington Work includes construction of un loading wharf, trackage connectin unloading wharf with base of jetty tramway on enrockment of old jetty furnishing and installing two derricks one track scale, scalehouse and ga rage and placing about 80,000 tons c stone in south jetty.

Allotment of $410,000 federal fund has been made for the first unit c this project, the total cost of whic will be $4,565,000.

Specifications obtainable from th above.

BIDS WANTED

SEATTLE, Wash.—Until July 11, P. M., bids will be received by U. S District Engineer, Lt.-Col. H. J. Wil Federal Office Building, Seattle, fo dredging Willapa River to form cut off channel in bend immediately abov "Narrows" and below Raymond Wash.

Work involves removal of about 1, 000,000 cubic yards of mud, clay an soft sand, 103,000 cubic yards com pacted sand, clay and gravel and 4. 000 cubic yards ledge rock.

Allotment of $207,000 federal fund has been made.

Specifications obtainable from th above.

24— STREET LIGHTING SYSTEMS

CONTRACT AWARDED

SAN FRANCISCO — R. Flatland 15th and Mission Sts., San Francisco at $3250 awarded contract by the Public Utilities Commission, City Hall under L. & P. Contract No. 7 for th installation of an ornamental stree lighting system on the Embarcaderc between Market and Howard Sts.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

FORT MASON, Cal.—Following bid received by the Quartermaster Supply Officer, San Francisco Genera Depot, Fort Mason, under Order No 928-35-289, Req. No. QM 398-4049-3 Memo. 6840, for furnishing two gaso line, heavy duty type tractors:

Clark Tractor Co., Battle Creek, Mich $826.25 f.o.b. Battle Creek; $858.9 f.o.b New York; $889.04 f.o.b. For Mason.

DeHuff & Hoplings, Philadelphia, Pa. $840 f.o.b. Fort Mason; $775 f.o.b St. Louis, Mo.; Discount, 1% 1 days.

H. Manufacturer's Co., Inc., Long Beach, $815 f.o.b. Fort Mason; 1% 10 days.
nsing Co. of Delaware, San Francisco, $950 f.o.b. Fort Mason; 10% 10 days.
ercury Mfg. Co. ,Chicago, Ill., $1250 f.o.b. Fort Mason.
iver Farm Equipment Sales Co., Oakland, $1625 f.o.b. Fort Mason; Alternate, $1475 f.o.b. Fort Mason; 10% 30 days.
owmotor, Inc., Cleveland, Ohio, $1545 f.o.b. Cleveland; 2% 10 days.
Bids held under advisement.

8 — FIRE EQUIPMENT

ONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—merican Rubber Mfg. Co., Park Ave. nd Watts, Oakland, at $0.96 per ft., warded contract by the Oakland City ouncil for furnishing 10,000 ft., more less, of 2½-in. fire hose.

ONTRACT AWARDED

BENICIA, Solano Co., Calif.—Les nderson, Cordelia, at $3,950 awarded contract by the Benicia County ire Protection District Directors for rnishing a fire fighting equipment ruck mounted on a White chassis.

LANNED

SAN JOSE, Cal.—City Council has nder consideration appropriation of 15,000 in the current year's budget r additional equipment and replacements for the Fire Department.

9—STREETS AND HIGHWAYS

ONTRACT AWARDED

BUTTE, COLUSA, & GLENN COS., al.—E. F. Hilliard, 1355 43rd St., acramento, at $11,620 awarded contract by the State Highway Commission, Sacramento, for 41 miles of quid asphalt treatment at various ocations in Butte, Colusa and Glenn ounties, between Stations 570 and 56, between Miners Ranch and Perry reek, between mile posts 22 and 31, etween 2.95 miles and 9.55 miles orth of Yolo County Line, and bet. rd Bend and Hamilton City.

IDS WANTED

SAN FRANCISCO.—Until July 10, :30 P. M., bids will be received by he Department of Public Works, Rm. 51, City Hall, under Specification No. 8,868, for construction of a concrete enter strip on Pacific Avenue beween Presidio Ave. and Lyon Street. Estimated cost, $2,040.

The work involves:

(1) 6,770 sq. ft. remove brick wearing surface and replace with Class E concrete center strip;
(2) 194 sq. ft. remove existing asphalt concrete pavement and replace with an asphaltic concrete pavement consisting of a 6-inch Class F concrete base and a 2-in. asphaltic concrete wearing surface where directed;
(3) 94 sq. ft. remove and replace the existing brick pavement where directed;
(4) 30 l.f. granite curb redressed and reset.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351 City Hall, upon cash deposit of $10.

CONTRACT AWARDED

WHATCOM COUNTY, Wash. — N. Florito, 844 W. 48th St., Seattle, at $111,491 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 25, for paving with Portland cement concrete on about 4 miles of State Road No. 1 (Lake Samish Branch) Lake Smith to Lake Padden Road, P.W. Project 7756, in Whatcom County.

Goetz & Brennan, Seattle, at $117,002; and Northwest Constr. Co., Seattle, at $119,473 submitted second and third low bids, respectively.

BIDS WANTED

SHASTA COUNTY, Cal.—Until July 8, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding for grading and surfacing with road-mix surfacing on crusher run base about 0.1 mile in the city of Redding between Court and California Streets, approaches to the overhead crossing of the Southern Pacific Railroad.

The work involves:

(1) 175 M. gals. water;
(2) 190 c.y. roadway excavation, unclassified;
(3) 100 c.y. structure excavation;
(4) 6,000 c.y. imported borrow;
(5) 7 stations finishing roadway;
(6) 150 c.y. untreated crushed gravel or stone surfacing;
(7) 36 c.y. crusher run base;
(8) 3.5 tons of liquid asphalt, Type SC-2;
(9) 220 c.y. mineral aggregate road-mix surfacing;
(10) 15 tons liquid asphalt Type MC-3 or MC-4 (road mix surfacing);
(11) 3.5 tons do (seal coat);
(12) 20 c.y. screenings;
(13) 10 c.y. Class A Portland cement concrete;
(14) 24 l.f. 8-in. corrugated metal pipe
(15) 230 l.f. 12-in. do;
(16) 20 c.y. Class A Portland cement concrete (curbs);
(17) 470 c.y. sand (blended subgrade).

This work previously advertised and withdrawn to permit notice to bidders to insert the following signed statement with their proposal:

"The undersigned, in connection with and as a part of his bid and proposal with reference to the above project, hereby agrees, in the event said contract is awarded to him, to comply with all Federal laws, rules, and regulations applicable to highway projects upon which Federal funds are expended, including but not restricted to those laws, rules and regulations limiting the hours of labor to 30 hours per week, not withstanding the fact that the provisions of Sections 653c-1 of the California Penal Code, as added by Chapter 632, Statutes of 1933, cease to be effective on July 1, 1935."

LOW BIDDERS

COCONINO COUNTY, Ariz.—Jack Casson, 319 Warren St., Hayward, at $126,932.50 submitted low bid to the Bureau of Roads, 802 Title & Trust Bldg., Phoenix, for placing bituminous treated crushed rock surfacing on Sections A1 and A2 of Route 1, all of Route 2, and on headquarters service roads in Grand Canyon National Park, Coconino County, a length of 14,605 miles.

M. J. B. Constr. Co., Stockton, at $127,732.50 submitted second low bid; and the Southern California Roads Co., Los Angeles, at $128,660.50 submitted third low bid.

Engineer's estimate, $81,660.

BIDS OPENED

SANTA CRUZ COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $5490 submitted low bid to the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 0.4 mile resurfacing with natural rock asphalt in the City of Santa Cruz, Santa Cruz County, on Ocean Street, between Bryce and Water Streets.

Bids were taken as follows:

(1) 87,000 sq. ft. existing asphalt surface removed and disposed of;
(2) 10,000 sq. yds. asphalt paint binder, in place;
(3) 800 tons natural rock asphalt, in place.

Complete bids follow:

Lee J. Immel, Berkeley, (1) $0.01; (2) $0.03; (3) $5.40; total, $5490.

Union Paving Co., San Francisco, (1) $0.015; (2) $0.05; (3) $5.20; total, $6365.

Pacific States Constr. Co., San Francisco, (1) $0.0275; (2) $0.04; (3) $5.75; total, $7392.50.

Bids forwarded to Sacramento for award

June 28, 1935

NO BIDS RECEIVED

CLARK COUNTY, Nev.—No bids were received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing bituminous treated surfacing (road mix) on 3.661 miles of Section A of Route 11, The Mt. Charleston National Forest Highway, Dixie National Forest, Clark County.

Project probably will be readvertised.

BIDS WANTED

SAN FRANCISCO.—Until July 10, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Specification No. 18,869, for the reconstruction of the roadway on Rivoli Street between Belvedere St. and Cole St. Estimated cost $1,300.

The work involves:

(1) 50 l.f. granite curb redressed and reset;
(2) 3,230 sq. ft. 6-in. Class E concrete center strip pavement;
(3) 190 sq. ft. remove existing pavement and replace with asphalt concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 20 tons asphaltic concrete binder in place;
(5) 4,522 sq. ft. 2-in. asphaltic concrete wearing surface;
(6) 125 sq. ft. asphaltic concrete conform pavement.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, Sacramento, has announced the cost of blue line prints for the state highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on July 17, and in Los Angeles on July 18, 1935:

IV-Nap-8-A, at various locations, between Carneros Creek and Napa. Bids to be opened July 17 (PLANS) No. sheets, 10; cost, $1.00; (CROSS-SECTIONS), No. of sheets, 22, cost, $2.20; total, $3.20.

VII-L.A-Ker-23-G & A, between Lancaster and Mojave. Bids to be opened July 18. (PLANS) No. of sheets, none; (CROSS-SECTIONS), No. of sheets, none

Checks for the above should be

made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

BIDS REJECTED

MADERA COUNTY, Cal.—All bids received by the State Highway Commission Sacramento, June 12, for about 7.8 miles surfacing with plant mixed surfacing on a crusher run base in Madera County, between Coarse Gold and Oakhurst, have been rejected and the project will be readvertised. A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $94,297.10 was low bidder.

CONTRACT AWARDED

GRANT COUNTY, Ore.—Coos Bay Const. Co., 7433 N Jersey St., Portland, at $59,635 awarded contract by the Bureau of Public Roads, Portland for the construction of 1.021 miles of the John Day-Burns Reconstruction Grading Project NR-35-A3, National Forest Road Project, located within the Malheur National Forest, Grant County.

CONTRACT AWARDED

TILLAMOOK COUNTY, Ore.—Babler Bros., 2407 N.W. 28th St., Portland, at $14,868.60 awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for the McMinnville-Tillamook bituminous surfacing treatment project F H E C 1-A3, B1, Siuslaw National Forest, Tillamook County.

CONTRACT AWARDED

CHELAN COUNTY, Wash.—Babler Bros., 2407 N. W. 28th St., Portland, at $71,944 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 25, for constructing a bituminous macadam Class D penetration type surface on about 20.4 miles of State Road No.2, end of the pavement at Peshastin Creek to Blewett Pass, in Chelan County.

J. F. Forbes, Olympia, at $72,002; and the Standard Asphalt Paving Co., spokane, at $72,002 submitted second and third low bids.

CONTRACT AWARDED

FERRY, WHITMAN AND PEND Oreille Counties, Wash. — Standard Asphalt Paving Co., Chronicle Bldg., Spokane, at $67,344 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 25, for construction of a bituminous retread surface treatment on about 9.4 miles on the Inland Empire Highway, Eastern Route, junction of State Road No. 3 (south of Rosalia) to Oakesdale Section 1, in Whitman County; constructing a light bituminous surface treatment on about 23.7 miles of State Road No. 6, Blueslide to Metaline Falls, Section 2, in Pend Oreille County; producing mineral aggregate and constructing bituminous retread surface on about 27.7 miles of State Road No. 3, Kettle Falls to Laurier, Section 3, in Ferry County.

Warren Northwest, Inc., Portland, at $70,315, and J. C. Compton, McMinnville, at $77,986 submitted second and third low bids, respectively.

CONTRACT AWARDED

CHELAN AND OKANOGAN COS., Wash.—Standard Asphalt Paving Co., Chronicle Bldg., Spokane, at $82,797, submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 25, for constructing a bituminous retread surface on about 99.5 miles of State Road No. 10, Chelan to British Columbia Line and Chelan to Chelan Falls, P. W. Project 7745, Unit 2, in Chelan and Okanogan Counties.

Hargrave Constr. Co., Cedar Rapids, Iowa, at $85,621; and J. C. Compton, McMinnville, at $92,043 submitted second and third low bids, respectively.

BIDS WANTED

BERKELEY, Alameda County, Cal. —Until July 16, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, for the widening of Adeline Street between Woolsey and Grove Streets.

The work involves:

(1) 260 c.y. grading;
(2) 10 c.y. grading below subgrade;
(3) 5,900 sq. ft. asph. concrete pavement;
(4) 135 tons asphalt concrete resurfacing;
(5) 1,170 l.f. concrete curb and gutter;
(6) 2,300 sq. ft. concrete sidewalk;
(7) 300 sq. ft. concrete driveways;
(8) 120 l.f. 10-in. part culvert;
(9) 15 l.f. 15-in. part culvert;
(10) 7 curb inlets;
(11) 38 redwood posts, complete in place;
(12) 10 electroliers, to be reset;
(13) 2 sewer traps to be rebuilt;
(14) 100 l.f. new electrolier cable;
(15) 100 l.f. new electrolier conduit.

Plans and specifications obtainable from the office of City Engineer Harry Goodridge upon deposit of $10.

BIDS WANTED

MADERA COUNTY, Cal.—Until July 24, 2 P. M., bids will be received by State Division of Highways, Department of Public Works, Sacramento, for surfacing about 7.8 miles with plant-mix surfacing on a crusher run base between Coarse Gold and Oakhurst, Madera County.

Bids will be taken as follows:

(1) 450 M. gals. water;
(2) 217 sta. finishing roadway;
(3) 20,600 tons crusher run base;
(4) 95 tons liquid asphalt MC-2 prime coat;
(5) 9370 tons mineral aggregate plant mixed surfacing;
(6) 780 tons mineral aggregate stockpiles;
(7) 470 tons liquid asphalt ROMC-4 plant mixed surfacing;
(8) 565 tons liquid asphalt SC-2 shoulders, ditches and dikes;
(9) 50,300 sq. yds. preparing mixing and shaping shoulders, ditches and dikes;
(10) 18 tons liquid asphalt MC-3 seal coat;
(11) 160 tons sand seal coat;
(12) 34 lin. ft. 8-in. CMP;
(13) 2 each spillway assemblies;
(14) 246 each guide posts.

Specifications and drawings obtainable from above and on file at the offices of the District Engineer in San Francisco and Los Angeles and the district in which the work is situated.

BIDS WANTED

KERN COUNTY, Cal. — Until July 24, 2 P. M., bids will be received by the State Division of Highways, Public Works Building, Sacramento, for grading and paving with either asphalt concrete or Portland cement concrete about 1 mi. and constructing reinforced concrete underpass abutments, between one mile south of Delano and Delano, Kern County.

Bids will be taken as follows:

(1) 1175 M. gals. water;
(2) 40,000 cu. yds. roadway excavation without class.;
(3) 34,000 sta. yds. overhaul;
(4) 1000 cu. yds. struct. excav.;
(5) 9900 cu. yds. imported borrow;
(6) 46 sta. finishing roadway;
(7) 420 tons mineral aggregate roa mix surfacing;
(8) 125 tons SC-2 liquid asphalt ro mix surfacing and should treatment;
(9) 14,000 sq. yds. preparing mixi and shaping road mix surfaci shoulders;
(10) 59,000 lbs. bar reinf. steel struc
(11) 55 cu. yds. Class A Portland c ment concrete structures;
(12) 1000 cu. yds. Class B Portla cement concrete;
(13) 650 cu. yds. Class A Portland c ment concrete slope paving;
(14) 1090 lin. ft. 12-in. CMP;
(15) 36 lin. ft. 15-in. CMP.;
(16) 52 lin. ft. 18-in. CMP.;
(17) 3200 lin. ft. 8-in. pref. metal pi underdrains;
(18) 232 cu. yds. rock filling materi underdrains;
(19) 1120 lin. ft. 12-in. plain concre pipe;
(20) 212 cu. yds. Class A Portland c ment concrete curbs and sid walks;
(21) 1140 lin. ft. laminated timb guard rail;
(22) 1.0 mile new property fence;
(23) 6 each fence gates;
(24) 30 each monuments complete place;
(25) 1890 lbs. cast steel frames ar covers for catchbasins;
(26) 1 lot misc. items of work;
(27) 1 lot pumping equipment;

Alternative Items

Alternative A

(28) 20 cu. yds. exist. pavement r moved and disposed of;
(29) 17,800 sq. yds. preparing sul grade for pavement;
(30) 700 sq. yds. asphalt paint binde
(31) 7840 tons asphalt concrete;

Alternative B

(32) 150 cu. yds. existing pavemen removed and disposed of;
(33) 40 tons grade E asphalt cemen subgrade treatment;
(34) 18,650 sq. yds. preparing sul grade for pavement;
(35) 3715 cu. yds. Class A Portlan cement concrete pavement;
(36) 9400 lbs. bar reinf. steel pave.;
(37) 5050 each pavement dowels.

Drawings and specifications obtain able from above and on file at the o fices of the District Engineer in Sa Francisco and Los Angeles and t district in which the work is locate

CONTRACT AWARDED

SKAMANIA, KLICKITAT A N Clark Counties Wash. — Warre Northwest, Inc., Box 5072, Portlan at $76,238 submitted low bid an awarded contract by L. V. Murrov Director of Highways, Olympia, Jun 25, for producing mineral aggregate and constructing a bituminous retrea surface on about 16.3 miles, Wash ougal East, Section 1, in Clark an Skamania Counties; surfacing, pro ducing mineral aggregates and con structing a bituminous retread sur face on about 14.4 miles, Underwoo to Lyle, Section 2, in Skamania an Klickitat Counties.

Balber Bros., Portland, at $79,96 and J. C. Compton, McMinnville, a $86,067 submitted second and thir low bids respectively.

BIDS OPENED

WHITE PINE and Nye Cos., Ne —W. W. Clyde & Co., Springvill Utah, at $48,824.60 submitted low bi and recommended for award by t U. S. Bureau of Public Roads, 8 Sheldon Bldg., 461 Market St., Sa Francisco, C. H. Sweetser, distri engineer, for 18.381 miles of bitum nous surface treatment (road-mix) o Sections A and B of Route 12, t

lland Trail (Currant Creek) Na-
nal Forest Highway, Nevada Na
nal Forest, and on Section C of
eral Lands Highway Project No.
part of Midland Trail) Ely-Tono-
Highway, White Pine and Nye
nties.

he work involves:
1412 tons liquid asph. road mate-
rial, Type SC-2;
87 tons do. Type MC-2;
18.368 miles mixing and rolling.
omplete total bids follow:
W. W. Clyde & Co., Springville,
Utah, $48,824.60.
J. A. Casson, Hayward, Calif.,
$54,578.00.
Dodge Const., Inc., Fallon, Nev.,
$56,038.40.
J. C. Compton, McMinnville, Ore.
$60,778.20.
Engineer's estimate, $46,194.80.
nit prices follow:

(A)	(B)	(C)	(D)	(E)
$23.50	$29.00	$27.00	$32.00	$23.00
30.00	30.00	35.00	40.00	29.00
700.00	600.00	800.00	650.00	600.00

DS WANTED

ULARE and Fresno Cos., Calif.—
til July 24, at 2 P. M., bids will be
eived by State Division of High-
ys, Public Works Bldg., Sacramen-
for road-mix surface treatment of
ulders for a distance of about 34.9
es between Visalia and Orange
e and between Visalia and Wood
se, Tulare and Fresno counties.
lds will be taken as follows:
620 tons liquid asphalt, Type SC-2
153,000 sq. yds. preparing, mixing
and shaping shoulders.
pecifications obtainable from above
l on file at the offices of the Dis-
t Engineer in San Francisco, Los
geles and the district in which the
rk is located.

DS WANTED

MODOC and Siskiyou Counties, Cal.
Until July 24, at 2 P. M., bids will
received by the State Division of
ghways, Public Works Bldg., Sac-
mento, for grading about 5.5 miles
ween 2½ miles southeast of Tule
ke and Oregon State Line.
lds will be taken as follows:
) 2,700 M. gals. water;
) 39,400 c.y. rdwy. excav., unclass.
) 825 c.y. ditch and channel excav.
) 83,500 c.y. imported borrow;
) 2,390 c.y. structure excavation;
) 286 sta. finishing rdwy.;
) 440 c.y. Class A Portland cement
concrete structures;
) 57,000 lbs. bar reinf. steel struc.;
) 90 M ft. b.m. treated Douglas fir
timber;
) 24 M. ft. b.m. redwood timber
dense select all heart structural
grade;
) 8,610 l.f. furnish. treated Dou-
las fir piles, including test piles;
) 282 each driving treated do;
) 364 l.f. 18-in. CMP;
) 2,864 l.f. 24-in. CMP;
) 234 l.f. 36-in. CMP;
) 206 l.f. 54-in. CMP;
) 65 l.f. existing CMP culverts re-
moved and salvaged;
) 20 l.f. existing CMP culverts re-
moved and relaid;
) 75 l.f. laminated guard railing;
) 59 each monuments complete in
place;
) 1 lot existing bridges removed.
Drawings and specifications obtain-
ble at the above office and on file at
e office of the District Engineers in
n Francisco, Los Angeles, and the
strict in which the work is located.

LOW BIDDER

SISKIYOU COUNTY, Cal.—Dunn &
ker, Klamath Falls, Ore., at $9,975
bmitted the low bid to State Di-
ion of Highways, F. W. Hasel-
od, District Engineer, Redding, for
eplying Class B seal coat on about
13.7 miles in Siskiyou County between
0.4 mile east of Mt. Hebron and Dorris.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until July 25, 2 P. M., bids will be received by state Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete or asphalt concrete about 1.9 miles in the City of Redlands, bet. Alabama Street and State Street.

Bids will be taken as follows:
(1) 2000 M. gals. water;
(2) 26,000 cu. yds. roadway excavation without class.;
(3) 54,000 sta. yds. overhaul;
(4) 26,000 cu. yds. imported borrow;
(5) 1080 cu. yds. struct. excav.;
(6) 2980 cu. yds. conc. removed and disposed of;
(7) 22,500 sq. yds. subgrade preparation;
(8) 103 Sta. finishing roadway;
(9) 350 tons liquid asphalt SC-2 shoulders;
(10) 42,200 sq. yds. preparing, mixing and shaping shoulders;
(11) 45 tons liquid asphalt SC-2 prime coat;
(12) 44 tons liquid asphalt 90-95 seal coat;
(13) 352 cu. yds. screenings seal coat;
(14) 7700 lbs. bar reinf. steel structs.;
(15) 73 cu. yds. Class A Portland cement concrete structs.;
(16) 80 cu. yds. rubble masonry;
(17) 50 lin. ft. 12-in. CMP;
(18) 966 lin. ft. 18-in. CMP;
(19) 128 lin. ft. 24-in. CMP;
(20) 610 cu. yds. Class A Portland cement concrete curbs & gutters
(21) 275 cu. yds. Class A Portland cement concrete sidewalks;
(22) 0.8 mile new property fences;
(23) 3 each gates;
(24) 6 each manholes adjusted to grade;
(25) 1 each cast steel frame and cover for drop inlet;
(26) 45 each monuments complete in place;

Alternative Items
Central 20-foot Portion
Alternative A

(27) 9600 tons asphalt concrete;

Alternative B

(28) 4500 cu. yds. Class A Portland cement concrete pavement;
(29) 9300 lbs. bar reinf. steel pave.;
(30) 6100 each pavement dowels.

Drawings and specifications obtainable at the above office and on file at the office of the District Engineers in San Francisco, Los Angeles, and the district in which the work is located.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until July 24, at 2 P. M., bids will be received by State Division of Highways, Public Works Bldg., Sacramento, for grading and paving with portland cement and asphalt concrete about 0.9 mile in the city of Oakland, on Thirty-eighth street and Moss avenue, between Market street and Broadway.

Bids will be taken as follows:
(1) 1 lot buildings to be demolished and removed;
(2) 1,400 c.y. salvaged base material
(3) 300 c.y. structure excavation;
(4) 75 c.y. Class A Portland cement concrete structures;
(5) 9 each Type B catchbasins;
(6) 12 each Type B storm water inlets;
(7) 24 each new manholes;
(8) 11 each existing manholes to be adjusted to grade;
(9) 2 each lampholes;
(10) 2,450 l.f. 8-in. vitrified sewer pipe
(11) 180 l.f. 10-in. do;
(12) 1,290 l.f. 12-in. do;
(13) 1,500 l.f. 15-in. do;
(14) 65 l.f. 18-in. do;

Alternative Items
Alternate A

(15) 23,700 c.y. rdwy. excav., unclass.;
(16) 11,820 tons imported base material;
(17) 12,260 tons asphalt concrete;
(18) 31,700 sq. yds. asph. paint binder
(19) 1,090 c.y. Class A Portland cement concrete pavement;
(20) 2,200 each pavement dowels;
(21) 960 c.y. Class A Portland cement sidewalks, curbs and gutters;
(22) 11,000 lbs. bar reinf. steel pavement and structures.

Alternate B

(23) 21,930 c.y. rdwy. excav., unclass.
(24) 7,720 tons imported base material;
(25) 1,200 tons asphalt concrete;
(26) 4,300 sq. yds. asph. paint binder;
(27) 6,660 c.y. Class A Portland cement concrete pavement;
(28) 9,250 each pavement dowels;
(29) 690 c.y. Class A Portland cement sidewalks, curbs and gutters;
(30) 39,100 lbs. bar reinf. steel pavement and structures.

NOTE: Alternative A sets forth the necessary items for the construction of the central width of pavement with asphalt concrete. Alternative B sets forth the necessary items for the construction of the entire pavement with Portland cement concrete except connecting areas at street intersections.

Drawings and specifications obtainable from above office and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS REJECTED

PACIFIC COUNTY, Wash.—All bids received by L. V. Murrow, Director of Highways, Olympia, June 25, 2 P. M., for producing mineral aggregate and constructing a bituminous surface treatment of about 14.2 miles Palix River to Johnson's Landing, Section 1, in Pacific County; surfacing and producing mineral aggregate and constructing a bituminous surface treatment on about 17.9 miles Johnson's Landing to Grays River, Section 2, in Pacific and Wahkiakum Counties; and producing mineral aggregates and constructing a bituminous surface treatment on about 6.6 miles, Bear River to Ilwaco, Section 3, in Pacific County, were rejected.

A. Milne, 7253 N. E. Broadway, Portland, submitted low bid at $162,929.

CONTRACT AWARDED

PEND OREILLE, SPOKANE AND Stevens Counties, Wash.—Standard Asphalt Paving Co., Chronicle Bldg., Spokane, at $58,817 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, June 25, for producing mineral aggregates and constructing a light bituminous surface treatment and nonskid seal on about 2.8 miles of State Road No. 3. Addy to Blue Creek, Section 1, in Stevens County; constructing bituminous macadam Class D penetration type on about 4.7 miles of State Road No. 3, Deer Park to Clayton, Section 2, in Spokane and Stevens Counties; constructing bituminous macadam Class D penetration type on about 6.0 miles and a nonskid seal on about 9.7 miles of State Road No. 6, Bear Creek to Rogers Pass, in Pend Oreille County.

J. C. Compton, McMinnville, at $60,395 submitted second low bid, and Babler Bros., Portland, at $63,531 submitted third low bid.

CONTRACT AWARDED

WAHKIAKUM & COWLITZ COS., Wash.—Harold Blake, 400 N. Thompson St., Portland, at $128,317 submitted low bid and awarded contract

by L. V. Murrow, Director of Highways, Olympia, June 25, for surfacing, producing mineral aggregates and constructing bituminous surface treatment, on about 19.5 miles, Coal Creek Slough to Cathlanet, Section 1, Cowlitz and Whakiakum Counties; producing mineral aggregates and constructing a bituminous surface treatment on about 7.9 miles, Cathlamet to Skamokawa, Section 2, in Wahkiakum County; constructing a bituminous surface treatment on about 10.7 miles, Eastside of K. M. Mountain to Grays River, Section 3, in Wahkiakum County.

The other bids were:

Newport Constr. Co., Portland, $136,329.

Homer Johnson, Portland, $157,776.

H. P. Dorsey, Bellingham, $218,770.

BIDS OPENED

LANE COUNTY, Oregon — Theo. Arenz, 10509 N. E. Sandy St., Portland, at $83,417 submitted low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, June 26, for 15.287 miles of the Willamette Highway Subgrade Reinforcement Project FHEC 21-E3, F3, G1, Nat'l. Forest Road Project, located within the Willamette National Forest, Lane County, Oregon.

Total bids follow:

Theo. Arenz, Portland, $83,417.40.

McNutt Bros., Eugene, $96,137.75.

Edelfsen-Weygandt Co., Portland, $104,355.40.

Newport Constr. Co. & Kern & Kibbe, Portland, $104,941.97.

E. C. Hall, Eugene, $116,716.10.

Homer C. Johnson, Portland, $121,261.10.

A. T. Dolan, Tillamook, $138,353.75.

R. O. Dale and Warren Bros., Aberdeen, $118,852.95.

BIDS WANTED

KINGS and Tulare Counties, Cal.—Until July 24, at 2 P. M., bids will be received by State Division of Highways, Public Works Bldg., Sacramento, for seal coat treatment to be applied on about 20.3 miles between one mile east of Corcoran and Tulare and between Lindsay and 4.3 miles west, in Kings and Tulare counties.

Bids will be taken as follows:

(1) 230 tons liquid asphalt 90-95;

(2) 2,750 tons screenings.

Specifications obtainable from above and on file at the offices of the District Engineer in San Francisco, Los Angeles and the district in which the work is located.

30—RESERVOIRS & DAMS

BIDS OPENED

LOS ANGELES, Cal.—Case Constr. Co., Inc., 905 Westminster Ave., Alhambra, submitted low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, June 24, at $44,291 (using dyking and flooding method of compacting fill), for the construction of a debris basin and appurtenant structures in Pickens Canyon, near Montrose, involving:

(1) 52,000 cu. yds. Class A excav.;
(2) 6200 cu. yds. Class B excav.;
(3) 780 cu. yds. Class excavation;
(4) 665 cu. yds. compacted fill by alternate methods as follows:
  (a) by rolling;
  (b) by dyking and flooding;
(5) 875 cu. yds. Class A backfill;
(6) 100 cu. yds. Class B backfill;
(7) 25 cu. yds. remove existing concrete;
(8) 600 cu. yds. Class A concrete;
(9) 1300 cu. yds. Class B concrete;
(10) 13,000 sq. ft. pneumatically placed concrete;
(11) 400 lbs. placing miscellanec metalware;
(12) 25 lin. ft. drilling dowel holes
(13) 100 lin. ft. placing tile drains.

The total bids were:

(A) Case Constr. Co., Los Angel (1) total, excluding item (4 $44,490.50; (2) total, excludi item (4a), $44,291.

(B) Contracting Engineers, Inc., L Angeles, (1) $44,444.50; (2) $4 444.50.

(C) Geo. J. Bock Co., Los Angel (1) $48,590, (2) $48,590.

(D) R. H. Travers, Los Angeles, $48,822, (2) $48,888.50.

(E) United Concrete Pipe Corp., L Angeles, (1) $50,837, (2) $50,8

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .27	$ .32	$ .45	$ .35	$
(2)....	.40	.50	.60	.50	
(3)....	1.70	1.30	1.50	1.00	1.
(4a)....	.60	.20	.25	.30	
(4b)....	.30	.20	.25	.40	
(5)....	.90	.50	.75	.80	
(6)....	.33	.25	.75	.75	
(7)....	5.00	10.00	6.00	4.00	5.
(8)....	9.70	9.00	7.00	10.00	12.
(9)....	12.90	11.80	10.00	13.50	12.
(10)....	.20	.15	.15	.15	
(11)....	1.5	.20	.10	.20	
(12)....	1.00	1.00	.50	1.50	1.
(13)....	.25	.50	.50	.50	

The two low bids were taken und advisement.

PLANS COMPLETED

GRAND COULEE DAM, Wash. The Mason-Walsh-Atkinson-Kier C general contractors for the constru eion of the Grand Coulee Dam, ha completed plans for construction of electrically operated cement plant.

Units included in the plant are: t mixing plants, each capable of han ling 640 cu. yds. of concrete an hou 3500-ft. suspension bridge with thr towers, two of which will be 200 high supporting two spans 1437-f long; 15,000 ft. of 2¼-in. cable support spans; ten cement silos, ea with a capacity of 500 bbls.; ten 1 ton Diesel-electric locomotives.

A 36-in. conveyor will carry sa and gravel from storage bins to ea mixing plant and over suspensi bridge to plant on west side of rive A bridge 10-ft. wide will carry, in a dition to the conveyor, two walks a an 11-in. pipe through which ceme will be brought by compressed a from storage silos on west side river.

The two plants will each have fo 4-yd. mixers. After the concrete mixed it will be poured into 4-y containers loaded on flat cars. Diese electric locomotives will haul cars a containers on high trestles to "whi lies" which will lower the concre containers to wooden forms in t dam. Eight silos will hold differe blends of cement needed for vario types of concrete. Screw conveyo will transport cement in proper qua tities first to mixing silos, then storage tanks. Mixed cement will shot through the 11-in. pipe by con pressed air, under 100 lbs. pressur to mixing plants as needed.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Un August 5, at 10 A. M., bids will received by the Metropolitan Wat District, 306 West Third Street, L Angeles, for constructing Cajalco da and dike and appurtenant featur of the Cajalco storage reservoir, accordance with Spec. No. 112.

The work is located about 10 mil southwesterly from the city of Rive side in Riverside County and due ea from Corona. The work to be b upon comprises the excavation a lining of diversion and outlet tunne 9 ft. and 14 ft. in diameter and 2

SHASTA & SISKIYOU COUNTIES—Grade&Surface—Govt.

SHASTA and Siskiyou Counties, Calif.—Claude C. Wood, 669 Bedford Road, Stockton, at $48,664 submitted low bid and recommended for award by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market Street, San Francisco, for grading and placing subgrade reinforcement on a portion of Section D, and bituminous treatment (light surface application) on the portion of Section D, and on a portion of Section E, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta Counties. The length of the portion of Section D is 0.718 miles; and of Section E, 3.18 miles.

Bids were taken as follows:

(1) 5.5 acres clearing;
(2) 38,400 c.y. unclass. excav.;
(3) 670 c.y. do for structures;
(4) 118,000 sta. yds. overhaul;
(5) 472 l.f. 10-in. CMP, perforated;
(6) 60 l.f. 8-in. do;
(7) 148 l.f. 24-in. do;
(8) 2 each, Type A spillway inlets;
(9) 317 c.y. Class A concrete;
(10) 4 c.y. Class B concrete;
(11) 38,000 lbs. reinforcing steel;
(12) 200 c.y. crushed rock or gravel for backfill;
(13) 6 each, right of way monuments
(14) 110 l.f. 6-in. cast iron water pipe;
(15) 1500 c.y. placing stockpiled subgrade reinforcement;
(16) 160 tons liquid asphaltic road material, Type SC-2;
(17) extra work, sanding asphaltic material.

Total bids follow:

(A) Claude C. Wood, Stockton, $48,664.00.

(B) Isbell Const. Co., Reno, $49,251.

(C) Harms Bros., Sacramento, $53,473.00.

(D) J. C. Chigris, San Francisco, $56,994.00.

(E) Hanrahan - Wilcox Corp., S. F., $57,572.00.

(F) Engineer's estimate, $54,938.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1).....	$450.00	$550.00	$800.00	$450.00	$600.00	$400.00
(2).....	.52	.55	.70	.82	.73	.80
(3).....	3.50	3.50	4.00	2.00	2.20	2.00
(4).....	.02	.02	.01	.02	.01	.02
(5).....	1.62	1.40	1.00	1.50	1.25	1.50
(6).....	1.50	1.25	.90	1.40	1.25	1.10
(7).....	4.00	2.60	3.00	3.50	3.00	3.00
(8).....	22.00	25.00	20.00	20.00	17.00	15.00
(9).....	32.50	30.00	30.00	27.00	40.00	27.00
(10).....	30.00	30.00	30.00	27.00	30.00	27.00
(11).....	.07	.06	.06	.07	.07	.07
(12).....	4.00	5.00	3.00	4.00	5.00	3.50
(13).....	5.00	3.50	3.00	3.00	3.00	2.50
(14).....	1.80	2.00	2.50	1.50	1.50	1.75
(15).....	.90	1.00	.60	1.50	.60	.70
(16).....	30.00	28.00	22.00	20.50	30.00	23.00
(17).....	100.00	100.00	100.00	100.00	100.00	100.00

Bids held under advisement.

and 2565 ft. in length respectively; the construction of an earth fill dam with a crest length of 2584 ft. and a maximum height of about 194 ft., an earth fill dike with a crest length of 7571 ft. and a maximum height of about 90 ft., and a spillway, outlet tower and bridge supports; and the excavation of an approach channel to the outlet tower. The capacity under the present development will be 100,000 acre-feet.

Copies of the specifications will not be ready until the latter part of the week, about July 5 or 6, at which time they may be obtained at the office of the engineering department, Room 1007, 306 West 3rd St., Los Angeles, upon payment of $5 per set, not returnable.

Each bid must be accompanied by a certified or cashier's check in the amount of $300,000, payable to the District. F. E. Weymouth, General Manager and Chief Engineer.

32—SEWERS & SEWAGE

CONTEMPLATED

RIVERSIDE, Riverside Co., Cal.—J. R. Elliott, city engineer, has been authorized to prepare plans for a city-wide sewer system, involving a main outfall sewer and sewage disposal plant, with laterals and trunk lines. The cost is estimated at $808,720. Of this total, $386,680 would be expended for materials. The segregated cost follows:

North side system, $146,870.
North side outfall, $65,850.
Magnolia Center—Washington St.-Casa Blanca system, $315,540.
Arlington outfall, $41,140.
Main outfall, $103,300.
Disposal plant, $146,920.

BIDS WANTED

SAN FRANCISCO.—Until July 5th, 10.45 A. M., informal bids will be received by the Department of Public Works. S. J. Hester, Chief Deputy Director, Room 251, City Hall, under Spec. No. 18,871, for making test borings for the main tunnel and pipe inlet, Richmond-Sunset Sewage Treatment Plant, from Lake Street and 26th Avenue, to Cabrillo Street and 34th Avenue, to Fulton Street and 34th Avenue.

Bidders must file bonds of not less than 50% of the price. Further information available from City Engineer John J. Casey, Room 351, City Hall.

BIDS OPENED

GRANTS PASS, Oregon. — Warren Northwest, Inc., P. O. Box 5072, Portland, at $28,197 (rectangular tanks) and at $27,565.50 (alternate if round tanks are used) submitted the low bid to Grants Pass City Council June 28 on the general contract for construction of the municipal sewage disposal plant.

Following bids were received:

Section 1—General Contract

Warren Northwest, Inc., Portland, rectangular tanks $28,197; round tanks $27,565.50.

Parker-Schram Co., Portland, $28,891.50; $28,079.50.

Hoffman Const. Co., Portland, $29,036.70; $28,845.20.

F. J. Early, Jr., San Francisco, $32,122.90; $31,068.90.

Section 2—Glassover for Sludge Bed

Greenhouse Mfg. Co. $4,983.00

Section 3—Settling Tank Mechanism

Link Belt Co., L. A. $3,350
Jeffrey Mfg. Co., Columbus, O. 3,410
Chain Belt Co., Portland 3,458
Waterworks Supply Co., S. F. 3,495
" (Alternate) 3,730

Section 4—Sludge Pump

Palmer Supply Co., Seattle $504.00
F. J. Early (Barnes) S. F. 575.00
Waterworks Supply Co., S. F. 595.00
Palmer Supply Co., (Alt.) 597.00
Gordon & Finkbeiner, Portland 620.00
Chain Belt Co., Portland 647.00
Elec. Welding & Machine Co., Grants Pass 647.00
Hove Eng. Co., Lansing, Mich. 696.00

Section 5—Heating Equipment

Consolidated Sup. Co., Portl'd $473.05
Crane Co., Portland 493.55
Palmer Supply Co., Seattle 528.00
Waterworks Sup. Co., S. F. 785.00

Section 6—Chlorinator

Pacific Water Works Sup. Co., Seattle ..... $ 937.00
Chem. Equip. Corp. of Calif., Los Angeles 1000.00
Wallace & Tiernan, Newark, New Jersey 1524.00
Waterworks Sup. Co., S. F. 1524.00

BIDS WANTED

CAMARILLO, Ventura Co., Cal.—Until July 30, 2 P. M., bids will be received by George E. McDougall, State Architect, Public Works Bldg., 11th and P Sts., Sacramento, for the construction of a sewage disposal plant at the Camarillo State Hospital.

Plans and specifications may be obtained from above office upon deposit of $25.

Cost estimated at $100,000.

33— WATER WORKS

PLANS APPROVED

SAN FRANCISCO.—Clifton E. Hickok, Northern California District Engineer for the PWA, has approved plans and specifications for the installation of Section B of the Embarcadero District Extension to the Auxiliary Water Supply System for Fire Protection.

Estimated cost, $19,000.

Bids will be asked shortly.

BIDS OPENED

JACKSONVILLE, Ore.—Consolidated Supply Co., 139 SW Stark Street, Portland, at $5,616.74 submitted low bid to the Jacksonville City Council June 27 for furnishing material for the construction of a new water system.

No bids were received for the installation of 8,000 ft. of pipe, or for construction of 300 ft. of tunnel.

Other bids received for furnishing materials were:

Crane Co., Portland, $5,654.12.

Public Water Works Supply Co., Inc., $5,684.45.

CONTRACT AWARDED

SAN FRANCISCO.—Lowrie Paving Co., Inc., 1540 16th St., San Francisco, at $58,094.40 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,844 for installing Section "A" of the Park-Presidio District Extension to the Auxiliary Water Supply System for Fire Protection.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1400, for furnishing:

PROPOSAL A

(1) 100 6-in. diam. non-rising stem double disc gate valves for 150 lbs. water working pressure.
(2) 100 8-in. do.
(3) 24 12-in. do;
(4) 25 16-in. do.

PROPOSAL B

Combination of Items 1, 2, 3 and 4 of Proposal A.

General Engineering & Dry Dock Co., Proposal A: (3) $1062.50; (4) $1,737.50.

Iowa Valve Co., Proposal A: (1) $2,605.90; (2) $4027.30; (3) $2155.27; (4) $4268.83; Proposal B, $12,677.

M. Greenberg's Sons, Proposal A: (1) $1896.25; (2) $2321.25, (3) $1118; (4) $1865.60; Proposal B, $7640.

Rich Mfg. Co., Ltd., Proposal A: (1) $2350; (2) $3910; (3) $1593; (4) $4141.50.

Jenkins Bros., Proposal A: (1) $2530; (2) $3910; (4) $2092.50; (4) $4144.50 Proposal B, $12,677.

Chapman Valve Mfg. Co., Proposal A: (1) $2605.90; (2) $1027.30; (3) $2,155.28; (3) $4268.83; Proposal B, $12,677.

Crane Co., Proposal A: (1) $2530; (2) $3910; (3) $2092.50; (4) $4144.50; Proposal B, $12,677.

San Francisco Water Department, Prposal A; (1) $1406; (2) $2060; (3) $1061.25; (4) $1745; Proposal B: $6277.25.

Bids held under advisement.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FRANCISCO.—Anchor Post Fence Co., 460 5th St., at $59.24 was awarded contract by Department of Public Works for erecting a chain link double gate at the entrance to the cafeteria of the San Miguel school located on San Jose Ave. and Seneca Street.

35— TUNNELS

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until July 30, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for constructing concrete-lined tunnels or precast concrete pipe lines and appurtenant works of the Colorado River Aqueduct distribution system between Stations 2887 plus 00 and 2951 plus 50, and between Stations 3061 plus 00 and 3117 plus 14 of the Upper Feeder. The work is located within the County of Los Angeles and principally within the cities of Sierra Madre and Pasadena.

The work to be bid upon consists of the excavation and lining of water supply pressure tunnels with approaches of jointed cast-in-place construction of precast concrete pipe lines having interior diameter of 9 ft. 10 in., and has been divided into schedules as follows:

Sched. No.	Length in miles: Tunnel	Pipe Cast in Place	Pipe Precast
1	1.14	0.08	.....
2	1.04	0.02	.....
Total	2.18	0.10	.....
3	0.29	.....	0.93
4	.....	.....	1.06
Total	0.29	.....	1.99

Schedules 1 and 3 are alternative, also Schedules 2 and 4 are alternative.

Specifications No. 110 will not be ready until about July 6, at which time copies may be obtained at Room 1007, 306 W. 3rd St., upon payment of $5 per set, not returnable.

Certified or cashier's check for 10% must accompany each bid. F. E. Weymouth, General Manager and Chief Engineer.

30—RESERVOIRS & DAMS

PLANS COMPLETED

MARIN COUNTY, Cal. — Marin Water District directors have approved plans and specifications for concrete spillway at Lagunitas Dam and have authorized James Peters, district manager, 468 Fourth St., San Rafael, to proceed with construction with the district's own forces. Estimated cost, $11,500.

Section 436½, P. L. & R
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

●

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$61,860,000 Coast Permits in Six Months

Fresno Firms Low Bidders on Auditorium

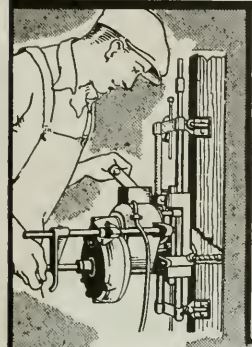
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

13, 1935

Vol. XVIII—No. 28

WAPPAT Electric TOOLS



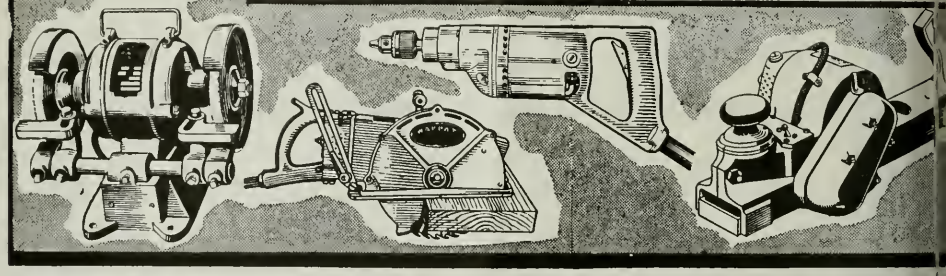
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

/ITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

AM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

. XVIII SAN FRANCISCO, CALIF., JULY 13, 1935 No. 28

st Half Building Contracts Nearly Double 1934; June Total $10,320,390

Building contract awards in the western states during the first six ths of 1935 nearly doubled in value over the like period of 1934. cipal city and county building inspection departments in seven es reported a total of $61,860,189 in value of permits issued in the half of the year. For the first half of last year the total was 57,043.

greatest gains over last year's es were made in the second ter, which is attributed large- o the effect of the Federal sing Administration campaigns new residential building. This of work has increased par- arly in California cities. Com- cial and industrial work re- is slow. Excepting a large ol building program in prog- in Southern California cities, icipal and other public build- construction accounts for a ively small portion of the 's work to date.

ospects are good for a contin- gain over corresponding months st year during the balance of year. A further increase of ential building is expected. to the stimulation of the Fed- Housing Administration pro- . Although much of the build- contemplated by local govern- ts with the aid of the new A fund will not reach the con- stage until next year, a sub- tial sum probably will be ex- ed by the Federal government ctly on its own projects before end of the year. Army and and Treasury Department ling programs now awaiting ment of Federal work-relief s include extensive develop- ts, particularly in the San cisco district, which can be ed under contract as soon as ey is available.

e State of California also is aring to let contracts before end of the year for additions tate hospital plants for which ey was appropriated by the legislature.

onthly building totals in the half reached a peak in April, eding $13,000,000, the highest thly total reported in nearly years. The June total was t 10 per cent lower than May, maintained the proportionate ease over the corresponding th last year.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5523	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858
1935	**Permits**	**Value**
January	6413	$7,429,496
February	6460	8,833,638
March	8253	10,546,030
April	9227	13,128,042
May	8976	11,602,953
June	7901	10,320,390

GILROY MAINS COST 5% UNDER ESTIMATE

The city of Gilroy recently has completed the municpal water-works main pipeline replacement at a total cost of approximately $1-300 less than the $30,000 estimated for the project, according to Mayor Elmer Chesbro.

The final accounting report on the project showed it had been completed for nearly five percent less than it was expected to cost, Mayor Chesbro said. The Gilroy waterworks improvements were financed in part by a grant from the Federal Public Works Administration. Raymond Fischer is city engineer.

FRESNO FIRMS LOW BIDDERS ON AUDITORIUM

Trewhitt-Shields & W. J. Ochs Offer Joint Proposal Of $276,008

FRESNO, July 11.—A combination of low bids aggregating $395,-834 was received here today by the Fresno City Commission for construction of the municipal auditorium. This figure may be altered somewhat through selection of alternate proposals included in the bidding schedule.

For general work the low figure was submitted by W. J. Ochs and Trewhitt-Shields Company, Pacific Southwest Bldg., Fresno, at $276,-008. The only other bidder for the general contract was Dinwiddie Construction Company of San Francisco, with a proposal of $279,-100.

American Electric Co., 462 Bryant St., San Francisco, was low bidder at $58,979 for electrical work. Second and third low proposals, respectively, for this contract were Electric Construction Co., Fresno, $59,379; and Newberry Electric Co., Los Angeles, $59,712.

M. J. Reeves Heating Company, 959 Natoma Street, San Francisco, submitted a low proposal of $42,-746 for mechanical work. Scott Company, San Francisco, at $47,-487 and Barrett-Hicks Co., Fresno, at $48,309 were second and third low bidders.

CAPT. DRINKWATER LEAVES SACRAMENTO

Capt. J. G. Drinkwater, U. S. District Engineer at Sacramento, has left for Washington, D. C., where he has been transfered by the Chief of Army Engineers. He will be succeeded on September 1 by Lieut. Col. Lincoln B. Chambers who has been on duty in the Panama Canal Zone. Capt. Drinkwater has been district engineer at Sacramento for the past three and one-half years.

Prior to his departure he was the guest of honor at banquets tendered by civic organizations of both Sacramento and Stockton

HIGHWAY JOB IN SAN MATEO READVERTISED

New Bid Date For Edgemar-Thornton Grading; Two Contracts In Colton

SACRAMENTO, July 9.—Four contracts for highway construction and improvement in San Mateo, San Bernardino and Riverside counties were authorized for advertising today by the State Highway Commission. Blds will be opened July 31 and August 1 in Sacramento and Los Angeles. Projects for which bids were asked today are:

San Mateo County: Grading, surfacing with crusher run base and applying bituminous surface treatment to about 3.6 miles between Edgemar and Thornton. The Commission had cancelled a previous bid call for this week, and the project is being readvertised. Bids will be opened July 31 in Sacramento. The work involves approximately 250,000 cubic yards unclassified excavation; 1,150,000 station yards overhaul; 15,800 tons crusher run base, and numerous other items.

San Bernardino County: Two contracts for work in the city of Colton. One calls for grading and paving about 1.3 miles and constructing a reinforced concrete bridge on steel pipes on "I" St The other calls for roadmix surfacing on about one mile and construction of reinforced concrete abutments for an underpass, the work being located between the Santa Ana River and "M" Street Bids on both contracts will be opened August 1 by the State Highway Engineer in Los Angeles.

Riverside County: Applying seal coat to about 50.1 miles between Valle Vista and Route 187. Bids open in Los Angeles August 1.

POMEROY TO ADVISE S. CRUZ PLANNERS

Hugh Pomeroy, planning engineer, has been tentatively engaged by the new Santa Cruz County Planning Commission as technical advisor. Mr. Pomeroy is now adviser to the planning commissions of San Mateo, Santa Clara and Kern counties.

County Surveyor Lloyd Bowman is secretary of the Santa Cruz commission, which has just organized.

ALAMEDA COURT HOUSE STEEL COMPLETED

Steel work on the Alameda County Court House building is complete, W. G. Corlett, chairman of the board of architects, reported to the Board of Supervisors. Construction of the 12-story building is on schedule, Mr. Corlett stated.

EPP LOW ON SAN RAFAEL P. O.

WASHINGTON, D. C., July 9—Low bid of $56,680 was submitted by Leo Epp, 4745 Geary St., San Francisco, today to the Treasury Department for erecting the post office building at San Rafael. Second and third low bids respectively, were $56,920 by K. E. Parker Co., San Francisco, and Liebert & Trobock, San Rafael.

The San Rafael post office building contract was readvertised under revised specifications, providing for a slightly larger structure than the one on which bids originally were taken several months ago.

FRED'K SNOOK LOW BIDDER ON PUMPING PLANTS

Six Firms Offer Proposals For Sutter By-Pass Drainage Machinery

SACRAMENTO, July 9.—Frederick W. Snook Co., 596 Clay Street, San Francisco, submitted the apparent low bid today to the U. S. Engineers here for constructing three pumping plants in Sutter By-Pass, a portion of the Sacramento River Flood Control project. The Snook Co. bid for the three plants complete, less an allowance for used equipment, was $212,175.

Following bids were received:

Frederick W. Snook Co.	$212,175
C. C. Moore & Co.	222,100
Youdall Construction Co.	232,727
Scott Company	264,300
MacDonald & Kahn Co., Ltd.	324,810

One bid was received for construction of Pumping Plant No. 3. only. It was submitted by Sterling Pump Corp., and Pomeroy-Sinnock Co., Stockton, at $65,410 for Westinghouse equipment, and $65,880 for General Electric equipment. The government estimate on this plant was $61,275.

The estimate for the three plants complete was $308,008.

The contract includes removing existing buildings and equipment, construction of new buildings, operators' residences, furnishing and installing all pumps, motors and controls, domestic water supply and miscellaneous items of work.

The pumping plants are for the purpose of draining into the Sutter By-Pass run-off water intercepted by the easterly levee of the by-pass when conditions are such that this water will not enter the by-pass by gravity flow. All sites are in Sutter County in the vicinity of Yuba City

For the purpose of comparison, bidders were required to include an estimate of demand and electric energy charges for all three plants over a 20-year period, computed by formula in the specifications.

ENGINEERS HERE TUESDAY TO PLAN HIGHWAY WORK

Contractors' Gathering Follows State-Federal Conference On $79,000,000 Program

Plans are being completed for a gathering here next Tuesday of engineers and contractors from eleven western states, assembled to plan the work-relief highway construction program.

Preston G. Peterson of the U. S. State Road Commission yesterday confirmed the announcement that the Western State Highway Officials Association, of which he is chairman, would meet in San Francisco Tuesday morning. The association is composed of state highway engineers from each of the eleven western states.

State Highway Engineer C. H. Purcell has arranged for the conferences to be held at the Palace Hotel, starting Tuesday morning and continuing probably until noon Wednesday.

The highway engineers will meet U. S. Bureau of Public Roads representatives to discuss regulations for highway and grade separation construction under the new program. Officials who will attend the conference will be directly responsible for spending more than $79,000,000 allotted western states from work-relief funds for emergency highway construction and regular Federal-aid highway projects.

Engineers and contractors regard the session here as the starting signal for the greatest road-building program ever undertaken

Highway contractors will meet on Wednesday immediately following the engineers' conference. Representatives from contractors' associations from every state are being invited to attend the meet, according to Floyd O. Booe, secretary-manager of the Northern California Chapter, Associated General Contractors.

Directors of the Northern and Southern A.G.C. chapters will be here and one or more officers from each other western chapter are expected.

Mr. Booe in a statement yesterday urged individual contractors to attend the meeting if possible. He pointed out that it would be an opportunity to learn at first hand what will be expected of the contractor in the new program. Federal and state engineers and highway commission officials will be speakers on the program, which is being arranged by the A.G.C. committee.

ERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

Owner	Contractor	Amt.
Steffensen	Owner	3500
Wells	Early	1000
Harris	Windsor	2500
Wharhaftig	Maurer	7000
Greenwood	Stockholm	18000
Albers	Jones	4000
Goulg	Rose	3000
Claremont	Nelson	6400
Claremont	Nelson	5300
Claremont	Nelson	5300
Claremont	Nelson	5300
Standard	——	4000
Associated	Owner	2500
Benner	Owner	4000
Reader	Reese	1000
Students	Owner	2000
Spitler	Dawe	3000
Medical	Owner	1500
Scammel	Owner	5000
Symons	Wells	2000
State	Jensen	2700
Correra	Petersen	6300
Lamore	Monez	5500
Lynch	Brass	2000
Wadsworth	Dixon	7000
Warren	Owner	3500
Lyon	Owner	3450
Langren	Owner	2000
Erickson	Early	1000
Aebl	Owner	1000
Aebl	Owner	1000

ELLING
NO. 3218 KINGSLAND AVE., OAKLAND. One-story five-room welling.
er—J. P. Steffensen, 1300 Webster St., Oakland.
itect—Not Given. $3500

AIRS
NO. 441 ELEVENTH STREET OAKLAND. Fire repairs.
er—Florence Wells, Premises.
itect—Not Given.
ractor — Fred J. Early Jr., 366 0th St., Oakland. $1000

ITIONS
NO. 135 THE UPLANDS, BERKELEY. Additions.
er—T. Harris, Premises.
itect—Not Given.
ractor—Geo. Windsor, 928 Kingson Ave., Berkeley. $2500

DENCE
58 WILDWOOOD GARDENS, PIEDMONT. Two-story 8-room esidence and garage.
er—Mr. & Mrs. Matt Wharhaftig, 109 Clarendon Crescent.
itect—Wm. I. Garren and H. A. chary, 624 Mariposa Ave., Oakand.
ractor — Geo. J. Maurer, 50 York Drive, Piedmont. $7000

DENCE
NO. 61 KING AVE., PIEDMONT Two-story 12-room frame resience and garage.
er—G. M. Greenwood, 21 La Salle Ave., Piedmont.
itect — Clarence A. Tantau, Shreve Bldg., San Francisco.
ractor—Chas. Stockholm, 425 Russ Bldg., San Francisco. $18,000

ERATIONS
FOOT OF SEVENTH STREET, OAKLAND. Alterations and addition.
er—Albers Bros. Milling Co., Ft. of Seventh St., Oakland.
itect—Not Given.
ractor—Jones Hettlesator Constr. Co., Kansas City, Mo. $4000

REPAIRS
(449) NO. 1749 E-FOURTEENTH ST. OAKLAND. Fire repairs.
Owner—A. Goulg, 1729 E-14th Street, Oakland.
Architect—Not Given.
Contractor—A H. Rose, 478 25th St., Oakland. $3000

DWELLING
(450) NO. 751 ALVARADO ROAD, OAKLAND. Two-story 6-room dwelling.
Owner—Claremont Heights Co., 391 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco. $6400

DWELLING
(451) NO. 769 ALVARADO ROAD, OAKLAND. Two-story five-room frame dwelling.
Owner—Claremont Heights Co., 391 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco. $5300

DWELLING
(452) NO. 745 ALVARADO ROAD, OAKLAND. Two-story five-room dwelling.
Owner—Claremont Heights Co., 391 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco. $5300

DWELLING
(453) NO. 775 ALVARADO ROAD, OAKLAND.. Two-story five-room dwelling.
Owner—Claremont Heights Co., 391 Sutter St., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco. $5300

STATION
(454) NO .3360. GROVE ST.... BERKELEY. One-story 4-room service station and service building.
Owner—Standard Stations Inc., Financial Center Bldg., Oakland.
Architect—J. M. Evans, 226 Bush St., San Francisco.
Contractor—Not Given. $4000

STORE ROOM, ETC
(455) NO. 2321 FULTON ST., BERKELEY. One-story 3-room grease and store room.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Arcihtect—Not Given. $2500

ALTERATIONS
(456) NO. 3421 HOLLIS ST., OAKLAND. Alterations.
Owner—Benner & Nauman, 3486 Haven St., Oakland.
Architect—Not Given. $4000

GARAGE
(457) NO. 637 BEACON ST., OAKLAND. One-story tile garage.
Owner—S. H. Reader, Premises.
Architect—Not Given.
Contractor—T. O. Reese, 2557 63rd Ave., Oakland. $1000

ALTERATIONS
(458) NO. 2315 DWIGHT WAY, BERKELEY. Alterations.
Owner—U. C. Students Corp., Assn.
Architect—Not Given. $2000

DWELLING
(459) NO. 760 GRIZZLY PEAK Blvd., BERKELEY. Two-story 6-room frame dwelling and garage
Owner—E. C. Spitler, 815 Oxford St., Berkeley.
Plans by Owner.
Contractor—Leslie Dawe, 729 Coventry St., Berkeley. $3000

ALTERATIONS
(460) NO. 411 THIRTIETH STREET, OAKLAND. Alterations.
Owner—Medical Center Properties, 411 30th St., Oakland.
Architect—Not Given. $1500

DWELLING
(461) NO. 1675 E-THIRTY-EIGHTH St., OAKLAND. One-story 6-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5000

ALTERATIONS
(462) NO. 2812 CHERRY ST., BERKELEY. Alterations.
Owner—Mrs. H. Symons, Premises.
Architect—Not Given.
Contractor—W. B. Wells, 2514 Grove St., Berkeley. $2000

ALTERATIONS
(463) NO. 530 EIGHTEENTH ST., OAKLAND. Alterations.
Owner—State of California, Tenth & Franklin Sts., Oakland.
Architect—Otto Hintermann, 126 Post St., San Francisco.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $2700

DWELLINGS
(464) NO. 1327-1333 FIFTIETH AVE., OAKLAND. Two one-story five-room dwellings.
Owner—J. B. Correra, 4929 E-14th St., Oakland.
Architect—Not Given.
Contractor — J. B. Petersen & Son, 4021 Agua Vista Ave., Oakland. $3150 each

DWELLING
(466) NO. 4366 BRIDGEVIEW DR., OAKLAND. Two-story five-room dwelling.
Owner—D. E. Lamore, 82 Tenth St., Oakland.
Architect—Not Given.
Contractor. A. H. Monez, 4133 Oakmore Road, Oakland. $6000

DWELLING
(466) NO. 2829 BIRDSALL AVENUE. OAKLAND. One-story 4-room dwelling.
Owner—C. Lynch, Premises.
Architect—Not Given.
Contractor—J. P. Brass, 4050 Maple Ave., Oakland. $2000

ADDITION
(467) NO. 510 E-FOURTEENTH ST. OAKLAND. Addition.
Owner—H. Wadsworth, Premises.
Architect—Not Given.
Contractor—Dixon & Roth, 1844 5th Ave., Oakland. $7000

DWELLING
(468) NO. 2619 FIFTY-SEVENTH Ave., OAKLAND. One-story five-room dwelling.
Owner—Weldon H. Warren, 3502 Foothill Blvd., Oakland.
Architect—Not Given. $3500

DWELLING
(469) NO. 1 VETERAN WAY, OAKLAND. One-story 5-room dwlling.

Owner—C. D. Lyon, 6501 Buena Ventura St., Oakland.
Architect—Not Given. $3450

OFFICE
(470) NO. 2931 CHAPMAN STREET, **OAKLAND.** Office and store room
Owner—A. S. Langren, 2934 Ford St., Oakland.
Architect—Not Given. $2000

REPAIRS
(471) NO. 2332 COOLIDGE AVENUE, **OAKLAND.** Fire repairs.
Owner—K. Erickson, Premises.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $1000

GREENHOUSE
(472) NO. 1536 OREGON ST., **BERKELEY.** Greenhouse.
Owner—Frederick Aebi, 1547 Russell St., Berkeley.
Architect—Not Given. $1000

GREENHOUSE
(473) NO. 1538 OREGON ST., **BERKELEY.** Greenhouse.
Owner—Frederick Aebi, 1547 Russell St., Berkeley.
Architect—Not Given. $1000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
654	McCarthy	Anza	3500
655	Geneva	Owner	6800
656	Gerson	Phoenix	1000
657	Verdier	Jensen	1200
658	Provident	Baran	10000
659	Girard	Jensen	1300
660	Fanning	McSheey	2215
661	Wolter	Owner	5000
662	Montani	Faggioni	4500
663	Coghlan	Larsen	2000
664	Associated	Bowman	1000
665	Wolter	Owner	5000
666	Associated	Martinelli	1200
667	Fanfelle	Owner	6000
668	Storheim	Owner	4000
669	Storheim	Owner	3500
670	Doelger	Owner	4000
671	Doelger	Owner	4000
672	Cuniberti	Miller	1000
673	Doelger	Owner	4000
674	Seaside	McCabe	5000
675	Otis	Fink	1800
676	Witter	Ostlund	15000
677	Federated	Barrett	4000
678	Romey	Malloch	1000
679	Baldwin	Owner	14750
680	Wallach	Aetna	2000
681	Doelger	Owner	4000
682	Doelger	Owner	4000
683	Harmeson	Bowman	1000
684	Gilmore	Michel	2000
685	Doyle	Owner	3500

DWELLING
(654) SW TWENTY-SECOND AVE. and Judah St. One-story and basement frame dwelling.
Owner—Geo. H. and M. E. McCarthy, % Contractor.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., S. F. $3500

BUILDING
(655) W SCHWERIN ST. 400 E Sunnydale St. One-story frame shipping building.
Owner—Geneva and Sunnydale Nursery, 798 Geneva Ave., San Francisco.
Architect—Not Given. $6800

ALTERATIONS
(656) NO. 500 COLUMBUS AVE Alter restaurant.
Owner—I. Gerson, % Contractor.
Architect—Not Given.
Contractor—Phoenix-Simpton Co., 520 Sixth St., San Francisco. $1000

ALTERATIONS
(657) NO. 1733 POLK ST. Alter laundry.
Owner—P. Verdier, Premises.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco. $1200

ALTERATIONS
(658) NO. 1143 MARKET ST. Alter store.
Owner — Provident Mutual Life Ins. Co. of Philadelphia, Russ Bldg., San Francisco.
Engineer—L. H. Nishkian, % Owner.
Contractor—M. Baran, 721 E. 62nd St., Los Angeles. $10,000

ALTERATIONS
(659) NO. 2730 VALLEJO ST. Alter dwelling.
Owner—Mrs. Olney Girard, Premises.
Architect—Warren Charles Perry, 260 California St., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $1300

REPAIRS
(660) NO. 2635-45 McALLISTER ST. Repair fire damage to apartments
Owner—J. W. Fanning, 46 Parsons St., San Francosco.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace . $2215

DWELLING
(661) W FERNWOOD 180 N Brentwood. Two-story and basement frame dwelling.
Owner—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect—Mario Corbett, San Mateo. $5000

DWELLING
(662) N GILMAN ST. 275 W Jennings Two-story and basement frame dwelling.
Owner—L. Montani, 1358 Gilman St., San Francisco.
Designer—N. Herman, 200 Green St., San Francisco.
Contractor—C. A. Faggioni and G. B. Barsotti, 1567 Revere St. $4500

ALTERATIONS
(663) NO. 2813 SCOTT ST. Alter dwelling.
Owner—John P. Coghlan, Premises.
Architect—Not Given.
Contractor — H. H. Larsen Co., 64 South Park. $2000

ALTERATIONS
(664) PARNASSUS AVE. near Arguello Blvd. Alter cafeteria.
Owner—Associated Dental Students, Affiliated Colleges, Premises.
Architect—Not Given.
Contractor — M. M. Bowman, 118 Church St., San Francisco. $1000

DWELLING
(665) E FERNWOOD 80 N Brentwood. Two-story and basement frame dwelling.
Owner—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect—Mario Corbett, San Mateo. $5000

ALTERATIONS
(666) SW GEARY ST. & TWELFTH Ave. Alter greasing station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Grant Martinelli Constr. Co., 44 Mary St., S. F. $1200

LAUNDRY, ETC.
(667) S GREENWICH ST. 131 W W Fillmore St. Two-story frame laundry and flats.
Owner—Gabrielle Fanfelle, 3301 Fillmore St., San Francisco.
Architect—Not Given. [illegible]

STORES
(668) NE FORTY-SECOND AV & Balboa St. One-story frame stores
Owner — M. P. Storheim, 475 E[illegible] Ave., San Francisco.
Architect—Not Given. [illegible]

DWELLING
(669) E FORTY-SECOND AVE 62 N Balboa St. One-story and basement frame dwelling.
Owner — M. P. Storheim, 475 E[illegible] Ave., San Francisco.
Architect—Not Given. [illegible]

DWELLING
(670) W TWENTY-FIFTH AVE 25 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, [illegible] 320 Judah St., San Francisco
Architect—Not Given. [illegible]

DWELLING
(671) W TWENTY-FIFTH AVE 50 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, [illegible] 320 Judah St., San Francisco.
Architect—Not Given. [illegible]

ALTERATIONS
(672) NO. 1259 DIVISADERO ST. Alter store and dwelling.
Owner—D. Cuniberti, Premises.
Architect—Not Given.
Contractor — Miller & McGillis, 27 19th Ave., San Francisco. [illegible]

DWELLING
(673) W TWENTY-FIFTH AVE 75 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, [illegible] 320 Judah St., San Francisco.
Architect—Not Given. [illegible]

STATION
(674) SE TWENTY-FOURTH AVE & Valencia Sts. Class C steel service station.
Owner—Seaside Oil Co., 2121 3rd St., San Francisco.
Engineer—V. R. Gede, 516 Valle[illegible] Ave., San Francisco.
Contractor—D. C. McCabe, Call B[illegible] San Francisco. [illegible]

ALTERATIONS
(675) NO. 1231 MARKET ST. Hotel Whitcomb. Alter restaurant.
Owner—James Otis, Trustee, 444 California St., San Francisco.
Architect—George Rushforth, 21[illegible] Mateo Road, Berkeley.
Contractor — The Fink & Schl[illegible] Co., 552 Brannan St. [illegible]

ALTERATIONS
(676) NO. 55 MONTGOMERY ST. Alter offices.
Owner — Dean Witter & Co., [illegible] Bldg., San Francisco.
Architect—Kent & Haas, 525 Ma[illegible] St., San Francisco.
Engineer — T. Ronneberg, Cro[illegible] Bldg., San Francisco.
Contractor—Ostlund & Johnson, [illegible] Bryant St. $1[illegible]

ALTERATIONS
(677) NO. 75 HARRISON ST. A[illegible] industrial building.
Owner — Federated Metals Corp. [illegible] Harrison St., San Francisco.
Engineers—Ellison & Russell, Pa[illegible] Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 [illegible] rison St., San Francisco. $[illegible]

ALTERATIONS
(678) NO. 1659 HAIGHT ST. A[illegible] market.

wner—A. J. Romey & Son, Prem.
rchitect—Not Given.
ontractor—J. S. Malloch, 666 Mission St., San Francisco. $1000

LTERATIONS
679) SE O'FARRELL AND STOCKton Sts. Alter store.
wner—Baldwin & Finkenstein Estate % Architect.
rchitect—Bernard J. Joseph, 74 New Montgomery St., S. F. $14,750

LTERATIONS
680) NO. 258 TWENTY - NINTH Ave. Alter dwelling.
wner—Harry Wallach, Premises.
rchitect—Samuel Lightner Hyman, 68 Post St., San Francisco.
ontractor—Aetna Constr. Co., 238 Arleta St., San Francisco. $2000

WELLING
681) E THIRTY-THIRD AVE. 250 S Kirkham St. One-story and basement frame dwelling.
wner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
rchitect—Not Given. $4000

WELLING
682) E THIRTY-THIRD AVE. 225 S Kirkham St. One-story and basement frame dwelling.
wner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
rchitect—Not Given. $4000

LTERATIONS
683) NO. 142 TWENTY-SEVENTH St. Alter flats.
wner—R. E. Harmeson, 3626 17th St., San Francisco.
rchitect—Not Given.
ontractor — M. M. Bowman, 118 Church St., San Francisco. $1000

TATION
684) SAN JOSE AVE. AND FARallones. One-story steel service station.
wner — Gilmore Oil Co., Third and 18th Sts., San Francisco.
ngineer—John W. Huggard, Rialto Bldg., San Francisco.
ontractor — Michel & Pfeffer Iron Works, 10th & Harrison Sts. $3000

WELLING
685) W FORTY-FOURTH AVE. 200 N Lawton St. One-story and basement frame dwelling.
wner—James and Lenore Doyle, 105 21st Ave., San Francisco.
rchitect—Not Given. $3500

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
42	Heyman	Lindsay	5300
43	Heyman	Lindsay	5300
44	Heyman	Lindsay	4250
45	Miner	Fricke	123
46	King	Wilbe	8950
47	Cleary	Morris	199
48	Terkel	Anza	8240

WELLING
142) E WEBSTER ST. 75 N Bay. All work for one-story and basement frame dwelling.
wner — Heyman Bros., 742 Market St., San Francisco.
rchitect—Not Given.
ontractor — Claude T. Lindsay, 140 Duboce Ave., San Francisco.
iled July 5, '35. Dated June 14, '35.
Flat roof completed.....$1325
Brown plastered 1325
When completed 1325
Usual 35 days 1325
TOTAL COST, $5300
ond, none Limit, 90 working days. Forfeit, $10 per day. Plans and specifications, none.

DWELLING
(143) E WEBSTER ST. 100 N Bay. All work for one-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Ave., San Francisco.
Filed July 5, '35. Dated June 14, '35.
Flat roof completed.....$1325
Brown plastered 1325
When completed 1325
Usual 35 days..... 1325
TOTAL COST, $5300
Bond, none. Limit, 90 working days. Forfeit, $10 per day. Plans and specifications, none.

DWELLING
(144) W DUNSMUIR ST. 165 N Silver Ave. All work for one-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.
Contractor — Claude T. Lindsay, 140 Duboce Ave., San Francisco.
Filed July 5, '35. Dated June 14, '35.
Flat roof completed $1037.50
Brown plastered 1037.50
When completed 1037.50
Usual 35 days..... 1037.50
TOTAL COST, $4150.00
Bond, none. Limit, 90 working days. Forfeit, $10. Plans and specifications none.

PAINTING
(145) NO. 27 HOWTH ST. All work for painting exterior of dwelling.
Owner—Fred L. and Mazie F. Miner, Premises.
Architect—Not Given.
Contractor—Henry Fricke, 664 Fulton St., San Francisco.
Filed July 8, '35. Dated July 2, '35.
HOLC Contract .....
TOTAL COST, $123
Bond, $123. Surety, Glen Falls Indemnity Co. Limit, forfeit, none. Specifications only filed.

DWELLING
(146) E SAN PABLO AVENUE, Ptn Lots 34 and 35 Blk 26, St. Francis Wood Extension No. 2. All work for two-story and basement frame dwelling.
Owner — Preston W. and Helen B King, 184 Arguello Blvd., San Francisco.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.
Contractor—A. J. Wilbe, 318 Kearny St., San Francisco.
Filed July 9, '35. Dated July 6, '35.
Garage, house foundations and 1st floor joists in place.....$1118.75
Balance of frame up and roof sheathed 1118.75
Brown plastered 2237.50
When completed 2237.50
Usual 35 days..... 2237.50
TOTAL COST, $8950.00
Bond, none. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

PAINTING
(147) NO. 1251 THIRTY-SEVENTH Ave. All work for exterior painting and miscellaneous roofing and stucco repairs to dwelling.
Owner—Lillian S. Cleary, 1251 37th Ave., San Francisco.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Filed July 9, '35. Dated May 20, '35.
HOLC Contract .....
TOTAL COST, $199.80
Bond, $199.80. Surety, Central Surety & Insurance Corp. Limit, forfeit, plans and specifications, none.

DWELLING
(148) W ROOSEVELT DRIVE 61-11 N Clifford Terrace. All work for one-story and basement frame dwelling (contract contingent upon owner receiving 20-year 5% loan, for which application has been made).
Owner—A. and Laura P. Terkel.
Architect—F. Frederic Amandes, 1873 18th Ave., San Francisco.
Contractor — Anza Home Bldg., Co., 36th Ave. and Kirkham St.
Filed July 10, '35. Dated May 20, '35.
Foundations completed 20%
Frame up ready for roof..... 20%
Brown plastered 20%
When completed 15%
Usual 35 days..... 25%
TOTAL COST, $8240
Bond, none. Limit, 120 working days. Forfeit, $10 per day. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
49	McCombs	Henderson	5296
48	Central	Kruse	3693

STEAM HEATING PLANT
(48) NO. 1445 HARRISON STREET, Oakland. All work for steam heating and hot water boilers.
Owner — Central Bank of Oakland, 14th and Broadway, Oakland.
Architect—Not Given.
Contractor — L. J. Kruse Co., 6247 College Ave., Oakland.
Filed July 9, '35. Dated July 8, '35.
When completed 30%
Usual 35 days..... 75%
TOTAL COST, $3693
Bond, $3693. Surety, Hartford Accident & Indemnity Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(49) NO. 1033 MILLER ST., Berkeley All work for additions to residence
Owner—Philip N. and Clareda A. McCombs, Premises.
Architect—Scott Haymond.
Contractor — Herbert K. Henderson, 398 40th St., Oakland.
Filed July 10, '35. Dated July 9, '35.
Frame up and roof on..... 25%
Brown coat plaster on..... 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $5296.50
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $500; 1449 Lake St.; owner, Dora R. Roche, Premises; contractor, San Francisco Bldg. & Constr. Co., 2212 Polk St.

ALTER store, $250; 282 85th Avenue; owner, J. D. Feldmann, 1530 Portola.

ALTER stores and garage, $400; NE Third and Folsom Sts.; owner, United Bldg. Constr. Co., 321 Bush

ALTER flats, $35; 3508 Sacramento St.; owner, Evelyn Alder, 520 3rd Avenue.

BILLBOARD, $6.25; N O'Farrell 192 W Octavia St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER flats, $200; 729 Filbert St.; owner, F. Depaoli, 200 Bush St.

ALTER dwelling, $500; 312 Holladay; owner, Elsie Vannuucci, 753 Alabama St.

ALTER market, $200; 2525 Mission St. owner, P. Grethel, 405 Waller St.; contractor, H. J. Keneally, 2175 Green St.

ALTER apartments, $15; 2741 Clay St.; owner, Israel Greenstein, Premises.

ALTER dwelling, $50; 4106 19th St.; owner, Doris Valadao, Prem.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bands
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Services

1— APARTMENTS

Contract Awarded.
APARTMENTS Cost, $7000
MARTINEZ, Contra Costa Co., Calif. Lasell Heights.
Two-story frame and stucco apartments (12 rooms).
Owner—Harry Melnick, 631 Main St., Martinez.
Architect—Not Given.
Contractor—H. B. Curtis, Martinez.

Contract Awarded.
REPAIR APTS. Cost, $3000
SAN FRANCISCO. No. 2635-45 McAllister Street.
Repair fire damage to apartments.
Owner — J. W. Fanning, 46 Parsons St., San Francisco.
Architect—Not Given.
Contractor—James B. McSheehy, 137 Clifford Terrace, S. F.

3— CHURCHES

Planned
RE-ROOF MISSION Cost, $5,000
CARMEL, Monterey Co., Calif.
Re-roof Carmel Mission.
Owner—Carmel Mission.
Architect—Milton Latham, P. O. Box 1257, Carmel.
Drive is under way to raise funds to finance the work.

4— FACTORIES & WAREHOUSES

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 1733 Polk St.
Alterations to laundry.
Owner—P. Verdier, Premises.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $5,000
OAKLAND, Alameda Co., Cal. Foot of Seventh Street.
Alterations to factory.
Owner—Albers Bros. Milling Co., foot of Seventh St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Jones Hettlesator Const. Co., Kansas City, Mo.

ELECTRICAL CONTRACT AWARDED
SAN DIEGO, Calif.—Capitol Electric Co., 3832 Fifth Ave., San Diego, was awarded contract at approximately $40,000 for electrical work for manufacturing plant under construction at 3302 Atlantic St., San Diego, for the Consolidated Aircraft Corp. Building will cover an area of 300x900 ft. B. C. Larsen, 1340 E St., San Diego, general contractor; L. B. Norman, 1034-B 17th St., Santa Monica, is supervising construction for the owner.

To Be Done By Day's Work.
LAUNDRY Cost, $7,000
SAN FRANCISCO. S Greenwich 131 W Fillmore Street.
Two-story frame laundry and flats.
Owner—Gabrielle Fanfelle, 3301 Fillmore Street.
Architect—Not Given.

Contract Awarded
ADDITION Cont. Price, $10,894
SAN JOSE, Santa Clara Co., Calif. 1777 Lafayette Street.
One- and three - story and basement extension to present plant (60x100 feet) rustic exterior, etc.
Owner—Walnut Growers' Association, Premises.
Engineer—Wm. Lotz, 35 W. San Carlos St., San Jose.
Contractor—Frank Neves, 891 Harrison St., Santa Clara.

Contract Awarded
ALTERATIONS Cost, $21,000
EMERYVILLE, Alameda Co., Calif. 53rd and Horton Streets.
Alterations to reinforced conc. bldg. (laboratory wings).
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Lindgren and Swinerton, 1723 Webster St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 75 Harrison St.
Alterations to industrial building.
Owner—Federated Metals Corp.
Engineers—Ellison & Russell, Pacific Building.
Contractor—Barrett & Hilp, 918 Harrison Street.

Planned.
FACTORY Cost, $25,000
NAPA, Napa Co., Cal.
New factory.
Owner—Rough Rider Mfg. Co. (Nathan Bothman, Prop.), 175 12th St., San Francisco.
Architect—Not Selected.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $4000
BURLINGAME, San Mateo Co., Cal. Burlingame Ave., bet. El Camino Real and Primrose Road.
Alterations to building for milk distribution plant.
Owner—Golden State Co., 425 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame. (Driveway changes).

Sub-Contracts Awarded.
ALTERATIONS Cost, $21,000
EMERYVILLE, Alameda Co., Calif. Fifty-third and Horton Streets.
Alterations to reinforced concrete building (laboratory wings).
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland.
Lumber—W. J. Wood Lumber Co., Fredrick and Kings Sts., Oakland.
Steel — McGrath Steel Co., 354 Hobart St., Oakland.
Ornamental Iron — Fraunceder Ornamental Iron Works, 335 8th St., Oakland.
Roofing — General Roofing Co., 3[illegible] Beach St., Oakland.

5— FLATS

Contract Awarded.
FLATS Cost, $8[illegible]
STOCKTON, San Joaquin Co., C[illegible] No. 411 E. Flora Street.
Two-story frame and stucco flats
Owner—H. W. Bennett.
Architect—Not Given.
Contractor—T. E. Williams, P. O. B[illegible] 93, Stockton.

6—GARAGES & SERVIC[illegible] STATIONS

Contracts Awarded.
SERVICE STATION Cost, $7,[illegible]
SAN FRANCISCO. NE Third a[illegible] Berry Streets.
Class A service station.
Owner—Standard Oil Co., 225 Bush
Plans by Engineering Dept. of Own[illegible]
Concrete—Barrett & Hilp, 918 Harrison Street.
Plumbing—Scott Co., 243 Minna St
Wiring—Buzzell Electrical Works, 1[illegible] Eighth Street.

Contract Awarded.
ALTERATIONS Cost, $15[illegible]
SAN FRANCISCO. SW Geary St. ar[illegible] Twelfth Avenue.
Alterations to greasing station.
Owner—Associated Oil Co., 79 Ne[illegible] Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Grant & Martinelli Construction Co., 44 Mary St., Sa[illegible] Francisco.

Contract Awarded.
SERVICE STATION Cost, $6,0[illegible]
SAN FRANCISCO. SE 24th and Va[illegible] lencia Streets.
Class C steel service station.
Owner—Seaside Oil Co., 2121 3rd S
Engineer—V. R. Gede, 516 Valle Vis[illegible] ta, Oakland.
Contractor—D. C. McCabe, Call Bld[illegible]

Sub-Contracts Awarded.
SERVICE STATION Cost, $700
SAN JOSE, Santa Clara Co., Calif.
Steel service station.
Owner—Mr. McDaniels.
Architect—Not Given.
Contractor — John Huggard, Rialt[illegible] Bldg., San Francisco.
Concrete—Peter Newgren, 357 N. 6t[illegible] St., San Jose.
Steel Building—Independent Iron Wks 821 Pine St., Oakland.

Plans Being Figured.
SERVICE STATION Cost, $7,00[illegible]
OAKLAND, Alameda Co., Cal. Foot hill Blvd. and Fruitvale.
Steel service station (stucco exterior
Owner—Standard Oil Co., Financia[illegible] Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION Cost, $5,00[illegible]
BERKELEY, Alameda Co., Cal. Adeline and Grove Streets.
Steel service station.
Owner—Standard Oil Co., Financia[illegible] Center Bldg., Oakland.
Plans by Engineering Dept. of Owner
Contractor—George W. Anderson, 21[illegible] Hanover St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO. San Jose Ave. and Farallones Street.

ne-story steel service station.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Engineer—John W. Huggard, Rialto Bldg., San Francisco.
Contractor—John W. Huggard, Rialto Bldg., San Francisco.
Steel Building—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.

'— FEDERAL BUILDINGS

DS REJECTED

ELKO, Nevada.—Treasury Department rejected all bids for painting plaster, etc., at the U. S. post ce at Elko. On bid opening low was submitted by Arthur M. Gelh, Chicago, at $1,044.

NTRACT AWARDED

FALLON, Nevada—W. N. Nelson, llon, Nevada, at $1704 awarded contract by Treasury Department for scellaneous repairs and painting at U. S. Post Office, Fallon.

MPLETE BIDS

DENVER, Colo.—As previously reported, Westinghouse Electric Elevator Co., 1 Montgomery St., San Francisco, at $33,889 submitted low bid to easury Department for furnishing d installing complete elevator plant the extension of the U. S. Customs use at Denver.

Complete bids follow:
estinghouse Elec. Elevator Co., San Francisco, $33,889.
is Elevator Co., San Francisco, $34,335.
ughton Elevator & Machine Co., Washington, D. C., $36,982.
ntgomery Elevator Co., Moline, Ill. $37,293.
lantic Elevator Co., Inc., Philadelphia, Pa., $38,297.
Bids held under advisement.

NTRACT AWARDED

BAKERSFIELD, Kern Co., Calif.—k Hemminga, 627 38th Ave., San ncisco, awarded contract by the easury Department at $1242.50, for airing and painting the U. S. post ce in Bakersfield.

NTRACT AWARDED

HILO, T. H.—Mario Valdastri, 740 eridan St., Honolulu, awarded a tract by Treasury Dept., at $1930, acoustical work in court room in Hilo post office.

DS WANTED

HOLLYWOOD, Los Angeles Co., .—Until July 30, bids will be reved by Treasury Department, shington, D. C., for plaster models the Hollywood Post Office.

ls Rejected.

ST OFFICE Cost, $——
WBERG, Oregon.
ted States Post Office Building.
ner—United States Government.
ns by the Supervising Architect, Treasury Dept., Washington, D.C.
n previous bid opening lowest bid s submitted by Hoffman Construc- Co., 715 Columbia St., Portland. $36,870.

ls Rejected.

ST OFFICE Cost, $69,900
ODLAND, Yolo County, Calif.
ted States Post Office Building.
ner—United States Government.
ns by the Supervising Architect, Treasury Dept., Washington, D.C.
ll bids rejected. Lowest bid was mitted by George Petersen, San ndro, at $39,800.

mplete Bid Listing.

ST OFFICE Cost, $45,150
NTEBELLO, Los Angeles Co., Cal.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—V. O. Brunzell, Gardena.
Complete bids follow:
V. O. Brunzell, Gardena: (1) $37,400; (2) $37,200.
T. P. Schultz, Compton: (1) $43,515; (2) $43,300.
Chas. J. Dorfman, Los Angeles: (1) $44,600; (2) $43,600.
Wm. P. Nell Co., Ltd., Los Angeles (1) $44,800; (2) $43,600.
N. A. Anderson, Los Angeles: (1) $45,000; (2) $43,600.
L. F. Dow Co., Los Angeles: (1) $47,000; (2) $45,900.
Atlas Const. Co., Pasadena: (1) $47-500; (2) $46,200.
Schuler & McDonald, Inc., Oakland. (1) $47,500; (2) $46,497.
Wesco Const. Co., Los Angeles: (1) $47,700; (2) $46,300.
Theo. A. Beyer Corp., Los Angeles: (1) $50,090; (2) $49,350.

Complete Bid Listing.

POST OFFICE Cost, $——
SAN PEDRO, Los Angeles Co., Calif.
Beacon St. bet. 8th and 9th Sts.
Three - story and basement Class A post office building (250x100 feet) to house post office, customs department, immigration and public health service, shipping commission and hydrographic offices.
Owner—United States Government.
Architect—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, and W. Horace Austin, 532 Chestnut Ave., Long Beach.
Low Bidder—Sarver & Zoss, 1015 W. Fourth St., Los Angeles.
Complete bids follow:
Sarver & Zoss, Los Angeles....$358,500
Clinton Const. Co., L. A..... 370,000
J. W. Howard, Cheyenne, Wyo. 418,500
Theo. A. Beyer Corp., L. A..... 429,078
H. M. Hodges and C. G. Wopschall, Los Angeles..... 434,700
R. E. Campbell, Los Angeles.. 439,777
Wm. MacDonald Const. Co., St. Louis 497,433
Schuler and McDonald, Inc., Oakland 500,000

BIDS REJECTED

LONG BEACH, Cal.—Treasury Department has rejected all bids received for painting the plaster, etc., in the U. S. post office at Long Beach.

Complete Bids.

POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Calif.
Sylvan St. bet. Van Nuys Blvd. and Vesper Street.
One- and two-story reinforced concrete post office building (tile roof steam heat, etc.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Schuler and McDonald, Colton.
Complete bids follow:
Schuler & McDonald, Colton.....$49,500
add..... 775
G. F. Campbell and C. P. Reilly, Los Angeles 52,910
deduct..... 500
Theo. A. Beyer, Los Angeles.... 54,429
deduct..... 400
Wm. MacDonald Const. Co..... 54,719
add..... 100
Harold Hansen 57,864
deduct..... 720
N. A. Andereon 58,300
deduct..... 640
Bids held under advisement.

Bids Rejected.

INSPECTION STATION Cost, $86,000
NACO, Arizona.
U. S. Government inspection station.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington. D. C.
New bids will be asked at a later date. On previous bid opening lowest bid was submitted by T. H. Johnson and W. M. Martin, Dallas, Texas, at $52,200.

BIDS OPENED

SAN FRANCISCO—R. P. Paoli, 3159 Fillmore St., at $780 submitted low bid to Custodian, U. S. Marine Hospital, San Francisco, for dampproofing basement walls of buildings Nos. 11, 12, 13, 14, 15 at the U. S. Marine Hospital, San Francisco. Only other bid was submitted by Conrad B Sovig, at $1120.

Bids referred to Washington for award.

Complete Bid Listing.

POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Washington, D. C.
Low Bidder — Atlas Constr. Co., 39 Congress St., Pasadena.
Complete bids follow:
Atlas Constr. Co., Pasadena....$41,500
Wm. P. Nell Constr. Co., L. A. 46,850
Chas. Dorfman, Los Angeles..... 49,700
Wm. H. McCune, Monrovia..... 52,960
N. A. Anderson, Los Angeles.. 54,445
Wm. MacDonald Constr. Co..... 56,355
Wesco Constr. Co., Los Angeles 56,600
Harold Hansen, Los Angeles.... 56,750
Theo. A. Beyer Corp., L. A..... 58,253
Bids held under advisement.

ELEVATOR BIDS WANTED

SAN PEDRO, Los Angeles Co., Cal. —Until July 29, 1:00 P. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for elevators to be installed in the U. S. Federal Building to be constructed in San Pedro.

Plans and specifications may be obtained from above office. No deposit required.

Low Bidders.

POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal. D and Third Streets.
One - story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one-pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast iron steps, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—Leo Epp, 4745 Geary St., San Francisco.
Three low bids follow:
Leo Epp, San Francisco..... $56,680
K. E. Parker Co., S. F..... 56,920
Leibert & Trobock, San Rafael 57,900
Complete bids will be given shortly.

8— CLUB BUILDINGS

July 9, 1935

Contract Awarded.

ALTERATIONS Cost, $3086
BURLINGAME, San Mateo Co., Cal.
Alterations and additions to bar room at Burlingame Country Club.
Owner—Burlingame Country Club.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

9— HOSPITALS

Plans Approved.

HOSPITAL Cost, $60,000
NEVADA CITY, Nevada Co., Calif.
Men's ward to accommodate 22 and women's building to accommodate 40; concrete walls, tile roof, steam

heating system, steel sash, wood and linoleum floors, etc.
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Upon approval of application filed with the SERA to furnish labor, material bids will be asked by the county purchasing department.

CONTRACT AWARDED
CAMARILLO, Ventura Co., Cal.—C. C. Moore & Co., 450 Mission St., San Francisco, at $9267 awarded contract by Department of Public Works, for furnishing and installing water softeners in boiler plant building at the Camarillo State Hospital.

Bids Wanted—To Close July 26, 2:00 P. M.
INFIRMARY Cost, $——
SEATTLE, Washington. Campus of the University of Washington
Four-story fireproof infirmary (two wards of 13 beds and ten 2-bed rooms, diet kitchens, ultra violet treatment laboratories, surgerles, offices, library, etc.)
Owner—State of Washington.
Architect—A. H. Albertson, Joseph Wilson and Paul Richardson, Associates, Northern Life Tower, Seattle, Wash.
Plans and specifications may be obtained from the architects upon deposit of $25. Bids will be opened by the Regents of the University, Henry Bldg., Seattle, Wash.

PLANNED
AUSTIN, Nevada — Lander County Supervisors will file an application with the PWA for a loan and grant in the amount of $40,000 to finance construction of a county hospital at Austin and Battle Mountain. Each building is estimated to cost $20,000.
If the application is approved a bond election will be called.

Contracts Awarded.
ATTENDANTS' QUARTERS Contract Price, $100,306
CAMARILLO, Ventura Co., Cal. Camarillo State Hospital.
Four one- and two - story reinforced concrete attendant quarters buildings (tile roof, steam heating system to connect to main plant).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Los Angeles Contracting Co., and C. C. Wopschall, 4816 W. Pico Blvd., Los Angeles.
Heating—Scott Co., 113 10th St., Oakland, $6,477.
Plumbing—Scott Co., 243 Minna St., San Francisco, $12,033.
Electrical Work—H. H. Walker, 1323 Venice Blvd., Los Angeles, $7,287.

12— POWER PLANTS

Planned.
SUB-STATION Cost, $125,000
ALAMEDA, Alameda Co., Calif.
New sub - station for electric light plant.
Owner—City of Alameda
Plans by Engineering Dept. of Owner.
An application probably will be filed with the PWA for a loan and grant to finance the work

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACTS AWARDED
SAN FRANCISCO—McGilvray-Raymond Corp., 9 Potrero Ave., at $1,685 for granite pointing, and McNelly Lacquer Service Co., at $1,050 for cork floors, awarded contracts by Department of Public Works for granite pointing and repairing and refinishing cork floors in the Public Library.

Planned.
FIRE STATION Cost, $20,000
CARMEL, Monterey Co., Cal. Sixth St., bet. San Carlos and Mission Streets.
Class B fire station (64x40 feet).
Owner—City of Carmel.
Architect—Not Selected.
Ways and means of raising funds finance project is now under way.

BIDS WANTED
VISALIA, Tulare Co., Cal.—Until July 23, 10 A. M., bids will be received by Glayds Stewart, Clerk, Tulare County Board of Supervisors, for alterations to the Tulare County Court House.
Plans and specifications prepared by Architect Ernest J. Kump, Rowell Bldg., Fresno.

Contracts Awarded.
ARMORY Cost, $40,000
LODI, San Joaquin Co., Cal. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.), auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect—Jos. Losekann, 1218 West Harding St., Stockton.
Electrical Material—Emery & Brown, 105 S. School St., Lodi, $850.34.
Plumbing and Sheet Metal Material—Henderson Bros., 9 N. Sacramento St., Lodi, $1077.
Other awards previously reported.

APPROVED
KERN COUNTY, Cal.—Kern County budget, approved by the board of supervisors last week, includes allocations for public building construction as follows: Central library building, Bakersfield, $160,000; receiving hospital, Delano, $40,000; receiving hospital, Taft, $40,000; old people's home, Arvin, $40,000.

Contracts Awarded.
COMPLETE CITY HALL Cost, $——
CLOVERDALE, Sonoma Co., Calif.
Complete city hall and fire house (48x58 feet; reinforced concrete construction).
Owner—City of Cloverdale.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Sheet Metal—Kindig Sheet Metal Works, Santa Rosa, $217.95.
Fire Doors—Bates Carpenter Co., 604 Mission St., San Francisco, $295.
Plaster Materials—M. C. Triplett, Cloverdale, $174.55.
Mill Work—M. C. Triplett, $650.00.
Following bids received but contracts not awarded, on vault door and hot air heating system materials.

Vault Door
Diebold Safe & Lock Co., 130 Battery St., San Francisco.....$233.00
Alternate..... 136.00
Herring Hall Marvin Co., S. F. 249.00
Alternate..... 158.50

Hot Air Heating System Materials
Santa Rosa Oil Burner Co., Santa Rosa: (1) full automatic control, $471; (2) manual control, $415.
Kindig Sheet Metal Works, Santa Rosa: (1) $635.80; (2) $600.86.
No bids were received on shades, miscellaneous iron and glass.

BIDS OPENED
SAN FRANCISCO — San Francisco Elevator Co., 860 Folsom St., at $185.57 submitted low bid to Department of Public Works for furnishing and installing new hoisting cables in elevator No. 5, City Hall. Cables shall consist of six strands 1.2-in. in diam. special traction steel cable of 19 wires each.
Only other bids was submitted by the Westinghouse Electric Elevator Co., at $201.75.
Bids held under advisement.

CONTRACT AWARDED
OAKLAND, Calif.—Higgins Awning and Linoleum Co., 2335 Broadway, Oakland, at $689 awarded contract by Board of Library Directors, Oakland, for furnishing linoleum for the Glenview Branch of the Oakland Free Library.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $-0
BURLINGAME, San Mateo Co., Cal. Burlingame Gables.
One-story frame and stucco residence
Owner and Builder—J. B. Oswald, 0 El Cerrito St., San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10
SAN MATEO, San Mateo Co., Cal. Lot 2 Blk 4, Edenburgh Street
Two-story frame and stucco residence
Owner—W. P. Blump.
Architect—Not Given.
Contractor—G. W. Williams Co., Primrose Road, Burlingame.

Contract Awarded.
ALTERATIONS Cost, $1
SAN MATEO, San Mateo Co., Cal. No. 549 Edgewood Road.
Alterations to frame residence.
Owner—E. P. Gold, Premises.
Architect—Not Given.
Contractor—G. W. Williams Co., Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $6
VALLEJO, Solano Co., Cal.
One-story and basement frame and stucco residence (5 rooms) shake roof, hardwood floors, tile bath, steel sash, gas hot air heating system, etc.
Owner—Al. Gunther.
Architect—Kay Keefer, 770 Wesley Oakland.
Contractor — Arthur Erickson, 1 Sutter St., Vallejo.

Plans Being Figured—Bids Close J 16, 12 Noon.
ADDITION Cost, $-
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University
Addition to Fraternity House.
Owner—Theta Chi.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Following will submit bids:
George J. Maurer, 50 York Drive, Piedmont.
W. G. Thornally, 354 Hobart St., Oakland.
S. J. Bertelsen, 30 Estrella Avenue, Piedmont.
S. G. Johnson, 4652 Dolores Avenue, Oakland.
Moore & Roberts, 693 Mission St., San Francisco.
F. C. Stolte, 3455 Laguna Avenue, Oakland.
Charles Stockholm & Sons, R Bldg. San Francisco.
Wells P. Goodenough, 569 Lowe Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $6,
OAKLAND, Alameda Co., Calif. 4 Bridgeview Drive.
Two-story frame residence (5 rooms)
Owner—D. E. Lamore, 82 Tenth St., Oakland.
Architect—Not Given.
Contractor—A. H. Monez, 4133 Oakmore Road, Oakland.

Plans Being Figured—Bids Close July 15, 4 P. M.
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. Ocean View Avenue.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas hot air heating system, etc.
Owner—J. E. Brown.
Architect—Chester H. Treichel, 696 Cleveland Ave., Oakland.

Contract Awarded.
RESIDENCES Cost $4,000 each
OAKLAND, Alameda Co., Cal. 1327-1333 50th Avenue.
Two one-story and basement frame and stucco residences.
Owner—J. B. Correra, 4929 E 14th St. Oakland.
Architect—Not Given.
Contractor—J. B. Petersen and Son, 4021 Agua Vista Ave., Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $8500
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 3 baths) shake roof, gas heating system, hardwood floors, tiled baths, wood sash.
Owner & Builder—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—Ray Keefer, 770 Wesley St. Oakland.

SUB-BIDS WANTED
SAN FRANCISCO, Cal.—Fred Du Puy, 110 Sutter St., desires sub-bids on all portions of the work for the construction of the two-story residence to be erected in Ashbury Terrace for Dr. Anderson for which bids will be opened July 15.
Plans prepared by Architect F. F. Amandes, 1879 18th Avenue.

Contract Awarded.
RESIDENCES Cost, $6,000 each
MILLBRAE, San Mateo Co., Calif. Hazel Street.
Two one-story and basement frame and stucco residences.
Owner—Mills Schultz.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae.

Contract Awarded.
ALTERATIONS Cost, $2,000
STOCKTON, San Joaquin Co., Calif. 1225 W. Acacia Street.
Alterations to residence.
Owner—Howard Bissell, 327 E. Channel St., Stockton.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton.

Contract Awarded.
RESIDENCE Cost, $12,000
FRESNO, Fresno Co., Calif. 610 Pine Street.
Two-story frame and stucco residence
Owner—Clayton I. Chandler, 520 Yosemite Ave., Fresno.
Architect—Not Given.
Contractor — Harris Const. Co., 577 McKinley Ave., Fresno.

Contract Awarded.
RESIDENCE Cost, $10,000
BAYWOOD, San Mateo Co., Calif.
1½-story frame and stucco residence (8 rooms, 2 baths) terra cotta tile roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect — F. F. Amandes, 1879 18th Ave., San Francisco.
Contractor—Aetna Const. Co., 166 Miramar Ave., San Francisco.

To Ask Bids July 15.
RESIDENCE Cost, $9,500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths) slate roof, hot air heating system, steel sash, oak floors, tile baths, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.

Plans Being Figured—Bids Close July 18, 3 P. M.
RESIDENCES Cost, $——
SAN FRANCISCO. Moncada Way.
Two two-story and basement frame and stucco residences (5 rooms, breakfast nooks, 2 baths, etc.) tile roofs, hot air furnaces, steel and wood sash, hardwood floors, tile baths, etc.)
Owner—Withheld.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.
Fred DuPuy, 110 Sutter St., is figuring the plans and desires sub-bids on all portions of the work.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda County, Calif. Claremont District.
Two - story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof, hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Plans Being Figured—Bids Close July 15th.
RESIDENCE Cost, $7,500
SAN FRANCISCO. Ashbury Terrace.
Two-story frame residence (Colonial style) 8 rooms, 2 baths; composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 18th Avenue.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 2730 Vallejo Street.
Alterations to frame residence.
Owner—Mrs. Olney Girard, Premises.
Architect—Warren Perry, 260 California St., San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. SW Twenty-second Ave. and Judah St.
One-story and basement frame and stucco residence.
Owner—George McCarthy.
Architect—Not Given.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Lot 20 Blk. 33, Clarendon St.
One-story and basement frame and stucco residence.
Owner—George Francis Gerhing, 332 N. Claremont St., Burlingame.
Architect—Not Given.
Contractor — Burlingame Realty & Bldg. Co., 1090 Burlingame Sq., Burlingame.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 12 Blk 5, Avila Street.
One-story and basement frame and stucco residence.
Owner—Ashley Farliss, 151 Elm St., San Mateo.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6500
PALO ALTO, Santa Clara Co., Calif No. 590 Washington Avenue.
One-story brick residence.
Owner—Walter Drugg, 1050 Creek Dr., Menlo Park.
Architect—Not Given.
Contractor—A. A. Smith, 130 Byron St., Palo Alto.

Plans Being Completed.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Kenwood St. and Darien Way (Mt. Davidson Manor)
Two two-story and basement frame and stucco residences (6 rooms, 2 baths each) tile and composition roofing, wood and steel sash, gas hot air heating systems, canvas walls, tile and linoleum, etc.)
Owner—W. H. and E. F. Penaat, 111 Sutter St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Construction will go ahead in about ten days.

Plans Being Completed.
BEACH HOUSE Cost, $——
APTOS, Santa Cruz Co., Calif.
Two-story frame beach house (eight rooms, four baths.)
Owner—Winston Cowgill.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids will be asked in about one week.

Contract Awarded.
RESIDENCE Cost, $5000
LOMITA PARK, San Mateo Co., Cal. San Juan Avenue.
One-story frame and stucco residence
Owner—G. Gulsto.
Architect—Not Given.
Contractor—D. J. Daly, 56 Cavour St. Daly City.

Contract Awarded.
RESIDENCE Cost, $10,000
WOODSIDE, San Mateo Co., Calif. Pringle Road.
Two-story frame residence.
Owner—W. M. Mendell.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Plans Being Completed.
RESIDENCE Cost, $5000
HAYWARD, Alameda Co., Calif.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect — G. P. Simonds, 192 Main St., Hayward.
Bids will be asked in about two weeks.

Contract Awarded.
RESIDENCE Cost, $7000
REDWOOD CITY, San Mateo Co., Cal. No. 117 Hudson St.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner—Not Given.
Architect—Not Given.
Contractor—L. N. Pollard, 55 Brewster Ave., Redwood City.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. N Gilman St. 275 W Jennings Street.
Two-story and basement frame and stucco residence.
Owner—L. Montani, 1358 Gilman St., San Francisco.
Plans by N. Herman, 200 Green St., San Francisco.
Contractor — C. A. Faggioni and G.

Barsotti, 1567 Revere St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Cal. No. 1630 Baker Street.
Two-story frame and brick veneer residence (6 rooms).
Owner—Richard Reas, 1447 E. Hazelton St., Stockton.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SANTA CLARA Santa Clara Co., Cal. El Camino Park.
Two-story frame and stucco residence
Owner — M. Simmons, John Paseita et al.
Architect — Martin J. Rist, Phelan Bldg., San Francisco.
Contractor—A. J. Wilbe, 318 Kearny St., San Francisco.

Contract Awarded
RESIDENCES Cost, $6,000 each
OAKLAND, Alameda Co., Calif. 745-751-769 and 775 Alvarado Road.
Four two-story and basement frame and stucco residences (five rooms each).
Owner—Claremont Heights Co., 391 Sutter St., San Francisco.
Plans by Owners.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $26,484
BERKELEY, Alameda Co., Cal, Piedmont Pines, 77 Bowling Drive.
Two - story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—Grace Busche, 359 Perry St., Oakland.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor—Harold Paige, 5651 Oak Grove St., Piedmont.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Concrete—Schnoor Bros., 6016 Claremont, Oakland.

Contract Awarded
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Calif. 61 King Avenue.
Two - story and basement frame and stucco residence (12 rooms).
Owner—G. M. Greenwood, 21 LaSalle Ave., Piedmont.
Architect — Clarence Tantau, Shreve Bldg., San Francisco.
Contractor — Charles Stockholm, 425 Russ Bldg., San Francisco.

Sub-Bids Wanted.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Monterey Heights Fernwood and Homewood Sts.
Cape Cod, Early California, and Colonial type two-story frame and stucco residences (6 rooms, two baths, plank floors, fireplaces, composition shingle roofs, gas-fired hot-air furnace).
Owner—P. A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Owner is taking sub-bids on all portions of the work.
Three houses are to be built immediately and plans are for immediate development of the tract with 25 or more of similar design.

Contract Awarded.
RESIDENCE Cost, $3446
LOS GATOS, Santa Clara Co., Cal.
One-story frame residence.
Owner — Mrs. Carrie L. Miles, 3100 College Ave., Berkeley.
Architect—W. E. Millwain, 1503 Oakland Ave., Oakland.
Contractor—A. M. Jensen, 300 Santa Cruz Ave., Los Gatos.

Low Bidder.
RESIDENCE Cost, $——
BERKELEY, Alameda County, Calif. Santa Barbara Road.
Two-story frame and stucco residence (tile roof, oil burning heating system, hardwood floors, etc.)
Owner—Withheld.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

Plans Being Figured.
RESIDENCE Cost, ——
EMERALD BAY, Eldorado Co., Calif.
One - story Colonial type residence (frame construction, shingle roof, oak and linoleum floors, linoleum and tile in bathrooms, tile drainboard, electric heating system).
Owner—J. B. Tinnell.
Architect—Robt. H. Ainsworth, Central Bldg., Pasadena.
Bids are being received from a selected list of contractors.

Bids Opened.
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two - story and basement frame and stucco residence (Mission style); tile roof, gas heating system, hardwood floors, tile baths.
Owner—Mrs. Montgomery.
Architect—Jos. Losekann, 1218 Harding St., Stockton.
Low Bidder—W. J. Scott, 1661 West Poplar St., Stockton.
Complete bids follow:

W. J. Scott	$7,566
W. T. Williamson	7,976
W. Buck & Sons	7,795
H. W. Johnson	7,890
Ecker Bros.	8,196
H. H. Henning	8,280
J. Harrington	8,391
F. C. Carlsen	9,340
I. Dryden	9,581

All bidders of Stockton.
Bids held under advisement.

Contract Awarded
RESIDENCES Cost $5,300 each
SAN FRANCISCO. Webster N. Bay and Dunsmuir, N Silver Ave.
Three one-story and basement frame and stucco residences.
Owner—Heyman Bros., 742 Market.
Architect—Not Given.
Contractor—Claude T. Lindsay, 140 Duboce Avenue.

July 8, 1935

Contract Awarded
ALTERATIONS Cost, 2,500
SAN FRANCISCO. 2813 Scott Street.
Alterations to residence.
Owner—John P. Coghlan, premises.
Contractor—H. H. Larsen Co., 64 So. Park.

Contract Awarded.
ALTERATIONS Cost, $2,500
BERKELEY, Alameda Co., Cal. 2812 Cherry Street.
Alterations to residence.
Owner—Mrs. H. Symons, premises.
Architect—Not Given.
Contractor—W. B. Wells, 2514 Grove St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1675 E 38th Street.
One - story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell 424 Scenic Ave., Piedmont.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cst, $4,500
SAN FRANCISCO. E 42nd Avenue 62 N Balboa St.
One - story and basement frame and stucco residence.
Owner and Builder—M. P. Storheim 475 Euclid Avenue
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 25th Avenue & Lawton Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger 320 Judah Street.
Architect—Not Given.

Plans Being Figured—Bids Close July 19, 2 P. M.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Rincon Heights Subdivision.
Two-story frame and stucco residence (10 rooms and 4 baths) Mediterranean type; tile roof, wrought iron rails and balusters, etc.
Owner — Mr. and Mrs. Tom Proctor, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Following will submit bids:
A. Ahlstrom, 411 Short 7th St., Santa Rosa.
L. Halvorsen, 128 Dutton Avenue, Santa Rosa.
W. Rapp, 1413 17th St., Santa Rosa
Jos. Chirhart, 431 10th St., Santa Rosa.

Low Bidders
RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (6 rooms) tile roof, steel sash, gas hot air heating system, hardwood floors, etc.
Owner—Mr. Mellis.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidders—Ira Cotner, Modesto, on Prop. No. 1, and Arnold Brothers, Modesto, on Prop No. 2.

Contract Awarded.
ADDITION Cost, $13,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to 3 - story sorority house.
Owner—Withheld.
Architect—Bakewell & Weihe, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 185 South Park, San Francisco.

Contract Awarded.
RESIDENCE $3696
WATSONVILLE, Santa Cruz Co., Cal. San Juan Road.
Alterations to residence.
Owner—Mrs. Catherine D. Rowe, San Juan Road, Watsonville.
Architect—Not Given.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.

Contract Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Cal. No. 760 Grizzly Peak Drive.
Two-story frame and stucco residence (6 rooms).
Owner—E. S. Spitler, 815 Oxford St., Berkeley.
Architect—Not Given.
Contractor—Leslie Dawe, 729 Coventry Road, Berkeley.

Plans Being Completed.
RESIDENCE Cost, $15,000
NORTH BERKELEY, Alameda Co.
Two-story and basement frame and stucco residence (9 rooms and 2 baths); tile roof, gas hot air heating system, oak floors, tile baths, etc.

wner—Withheld.
rchitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked shortly.

Contract Awarded
DDITION Cost, $7,880
ALO ALTO, Santa Clara Co., Calif.
215 Lowell Avenue.
dition to frame residence (add five rooms).
wner—Harry M. Creech, 215 Lowell Ave., Palo Alto.
rchitect—Leslie Nichols, 525 Guinda St., Palo Alto.
ontractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto

Contract Awarded
ESIDENCE Cost, $6,000
ACRAMENTO, Sacramento Co., Cal
1912 12th Avenue.
wo-story frame and stucco residence
wner—A. Hoffman.
rchitect—Not Given.
ontractor—N. H. Lund, 2549 Sixth Ave., Sacramento

15— SCHOOLS

Plans Awaiting PWA Approval.
DDITION Cost, $15,000
OSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School, brick construction, composition roofing, extension of present steam heating system, wood floors, etc.
wner — Roseville Elementary School District (Pete Priest, Clerk).
rchitect—Chas. F. Dean, California State Life Bldg., Sacramento.
Upon approval of plans by the PWA bids will be asked.

Sub-Contracts Awarded.
EPAIR SCHOOL Cont. Price, $42,740
AN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
epair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
wner—City and County of San Francisco.
ngineer—L. H. Nishkian, 525 Market Street.
ontractor—O. Monson, 475 6th St.
ill Work—Acme Mfg. Co., 1845 San Bruno Ave., $6,000.
olling Partitions—Chas. Christensen Co., 557 Market St., $106.60.
Glass and Glazing—Crowe Glass Co., 675 Golden Gate Ave., $2,392.
Miscellaneous Iron—Monarch Iron Works, 262 7th St., $1,200.
Asphalt Tile—Western Asbestos Co., 675 Townsend St., $575.
Maple Floors — Readymix Con. Co., 18th and Carolina Sts., $7.42 per c.y.
Marble—J. E. Back Co., 1533 San Bruno Ave., $135.
Reinforcing—Concrete Engr. Co., 1280 Indiana St., $357.19.
As previously reported, following awards made by the Department of Public Works July 7:
Brick work awarded to J. L. Collins, 666 Mission St., $6495; structural steel and iron to Fair Mfg. Co., 617 Bryant St., $4790; lathing and plastering to M. J. King, 231 Franklin St., $15,647; sheet metal to Morrison & Co., 74 Duboce Ave., $5296; roofing to Alta Roofing Co., 976 Indiana St., $2187; blackboard, cork and linoleum to Munthe Equip. Co., 7 Front St., $9360.

BIDS WANTED
SANTA ROSA, Sonoma Co., Cal.—Until July 22, 8 P. M., bids will be received by Sara J. Pryor, Secretary, Santa Rosa School District, for constructing a roof equal to a Pabco 20-year bonded roof on the Cafeteria of the High School and on the main building of the Fremont School in Santa Rosa.
Specifications may be obtained at 756 Humboldt St., Santa Rosa.

Contract Awarded.
ADDITION Cost, $5000
GONZALES, Monterey Co., Cal.
Addition to high school auditorium (house showers, dressing rooms, locker room, storage space and office).
Owner—Gonzales Union High School District.
Architect—Not Given.
Contractor — P. T. Wallstrum, 854 Main St., Watsonville.

Work Started.
RECON. SCHOOL Cost, $29,769
EMERYVILLE, Alameda Co., Cal.
Reconstruction of Anna Yates School (work involves reconstruction of outside walls of brick and reinf. concrete, plastering, enlarging the foundation footings, repairing the roof, painting, carpentry work, plumbing, sheet metal, pipe fitting, and electrical work).
Owner—Emeryville School District.
Architect—Not Given.
Mgr. of Const.—Walter Nottingham, care Alameda County Emergency Relief Administration, 2111 Webster St., Oakland.
Labor is being furnished by SERA.

BIDS WANTED
SAN FRANCISCO.—Until July 12, 11:30 A. M., bids will be received by S. J. Hester, Department of Public Works, Room 251, City Hall, for interior and exterior painting the following schools:

	Est. Cost
Laguna Honda School, 7th Ave. and Irving Street	$2,450
Parkside School, 25th Ave. and Ulloa Street	2,350
Sheridan School, Capitol Ave. and Lobos Street	2,750
High School of Commerce, Van Ness Ave. and Hayes St.	2,150
S. F. Continuation School, 16th and Mission Sts.	1,700
Portola Jr. High School, Bacon and Berlin Streets	1,800
Columbus School, 12th Ave. and Kirkham Street	1,950
Jefferson School, 19th Ave. and Irving St.	2,450

Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall. No deposit required.

BIDS WANTED
RICHMOND, Contra Costa Co., Cal.—Until July 16, 3:30 P. M., bids will be received by W. T. Helms, Secretary, Richmond Union High School District, for furnishing materials and labor for the erection of a steel frame in the Roosevelt Junior High School Auditorium. Louis Stone, 785 Market St., San Francisco, architect, and R. H. Cooley, structural engineer, 354 Hobart St. Oakland.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

Plans Being Completed.
SCHOOL Cost, $45,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic bldg. (5 classrooms) and one-story frame & stucco gymnasium (composition roofing, steam heating system, wood floors and showers).
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Bids will be asked in about three weeks.

Preliminary Plans Completed.
HIGH SCHOOL Cost, $60,000
CEDARVILLE, Modoc Co., Cal.
One-story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect — Jens Petersen, 812 26th St., Sacramento.
Application will be filed immediately with the PWA for a loan and grant to finance the project. If approved a bond election will be called.

Planned.
GYMNASIUM Cost, $18,000
AUSTIN, Lander Co., Nevada.
New gymnasium.
Owner—Austin School District.
Architect—Not Given.
Application has been filed with the PWA for a grant of $8000 to assist financing.

Planned.
GYMNASIUM & SHOPS $60,000
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop buildings at Selma High School.
Owner—Selma High School District.
Architect—Not Selected.
An application has been filed with the PWA for a loan and grant to finance the project.

Preliminary Plans Completed.
GYM & POOL Cost, $150,000
DALY CITY, San Mateo Co., Calif.
One-story gymnasium and swimming pool (reinforced conc. construction).
Owner—Jefferson Union High School District.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Application has been filed with the PWA for funds to finance construction and if approved a bond election will be held by the district.

Planned.
SCHOOL Cost, $6,500
LATON, Fresno Co., Calif.
New school building (to replace present structure).
Owner—Grant School District.
Architect—Not Selected.
Application has been filed with the SERA to furnish labor for the proposed building.

Planned.
SCHOOL Cost, $25,000
DEL REY, Fresno Co., Calif.
New school building.
Owner—Prairie School District.
Architect—Not Selected.
Application will be filed with PWA for a loan and grant to finance the work.

Preparing Working Drawings.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

CONTRACT AWARDED
TUCSON, Arizona—Jay J. Garfield Bldg. Co., 725 E-16th St., Tucson, at $160,000 awarded contract by University of Arizona, for the construction of a museum building and a humanities (classroom) building on the college campus in Tucson, a PWA project. Plans were prepared by Architect Roy

Place, 11 E. Pennington St., Tucson. The museum will be a two-story and basement, fireproof structure, 75x140 ft. in area; concrete and steel construction, brick facing, terra cotta trim, tile roof, steel windows, wrought iron, acoustical treatment, steam heat etc. The humanities building will be a two-story structure, 60x175 feet in area, with the same exterior treatment as the museum. Other buildings to be erected on the site later include a women's athletic and recreation home and an administration building, bids for which will probably be advertised in July and a science building, auditorium and stables to be built later. Cost of entire project estimated at $815,000.

Contracts Awarded.

REPAIR SCHOOL Cont. Price, $42,740
SAN FRANCISCO. Hayes, Ashbury, Grove and Masonic Avenue.
Repair fire damage to attic, drawing rooms, roofing, ceiling, etc., to the Lowell High School.
Owner—City and County of San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—O. Monson, 475 6th St., San Francsico.
Brick Work—J. L. Collins, 666 Mission St., $6495.
Structural Steel and Iron—Fair Mfg. Co., 617 Bryant St., $4790.
Lathing and Plastering—M. J. King, 231 Franklin St., $15,647.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $5296.
Roofing—Alta Roofing Co., 976 Indiana St., $2187.
Blackboards, Cork and Linoleum — Munthe Equipment Co., 7 Front St., $9360.

Preparing Preliminary Plans.

SCHOOL Cost, $50,000
QUINCY, Washington.
Two-story brick semi-fireproof school (gymnasium and auditorium).
Owner—Quincy School District.
Architect—George M. Rasque, Spokane Savings & Loan Bldg., Spokane.

BIDS OPENED

BERKELEY, Alameda Co., Cal.—M. G. West Co., 117 Front St., San Francisco, at $4255 submitted low bid to Regents of the University of California for furnishing and installing library stacks and flooring on part of the eighth tier, southwest block of stacks at the University Library, University of California, Berkeley.

Only other bid was submitted by J. L. Davidson, at $4341.45. Bids held under advisement.

CONTRACT AWARDED

COURTLAND, Sacramento Co., Cal.—W. H. Raymond Co., 2710 Donner Street, Sacramento, at $940 awarded contract by Bates Joint Union School District for refinishing and repainting halls and auditorium of the Occidental School at Courtland.

Complete bids follow:
W. H. Raymond Co., Sacramento..$ 940
Henry A. Dewing, Vorden..... 1142
Patterson Bros., Berkeley..... 1472

BIDS WANTED

SEBASTOPOL, Sonoma So., Cal.—Until August 1, 8 P. M., bids will be received by Mrs. A. W. Mayhorn, Clerk, Sebastopol Union Grammar School District, for painting the primary building in Sebastopol.

Specifications may be obtained from above office.

Bids Opened.

ADDITION Cost, $8,500
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort station, team rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Room 205, 2068 Allston Way, Berkeley.
Complete bids follow:
(1) Mill work, glass and glazing;
(2) 1x4-in. and 1¼x4-in. T and G material (Oregon pine);
(3) bleacher seat materials (Redwood and Oregon pine);
(4) Furnishing and installing composition roofing.

Davis Hardwood Co., S. F...(1) $848.50
.....(3) 625.70
Bids include sales tax.
Diamond Match Co., Chico (1) 832.50
.....(2) 1175.24
.....(3) 349.92
Bids do not include sales tax.
Woodland Lbr. Co., Woodland .....(1) 850.00
.....(2) 1151.57
.....(3) 365.97
(tax included).....(4) 147.50
Bids do not include sales tax.
Sacramento Roofing & Insulation Service, Sacto.....(4) 119.00
All bids held under advisement.

BIDS WANTED

POND, Kern Co., Calif.—Until July 22, 5 P. M., bids will be received by H. L. Hamlin, Clerk, Pondham Union School District, for construction of repairs to the Pondham School at Pond, Calif.

Plans and specifications may be obtained from Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield

AWAITING PWA APPROVAL

OAKLAND, Cal.—Plans and specifications for seven temporary school buildings at the Oakland High School, Park Blvd. and Hopkins St., Oakland, are awaiting the approval of PWA. Upon approval bids will be asked.

BONDS VOTED

TRUCKEE, Nevada County, Cal.—Truckee School District voted bonds in the amount of $22,000 on July 9. Proceeds will finance construction of a new grammar school in Truckee. Preliminary plans prepared by Architects Masten & Hurd, 233 Post St., San Francisco.

Plans Being Completed.

SCHOOL UNITS Cost, $——
ANGWIN, Napa Co., Calif.
Two-story frame and stucco classroom and library (16 classrooms) composition roofing, wood floors.
Owner—Pacific Union College (Dr. Smith, President).
Architect — Chester H. Treichel, 696 Cleveland Ave., Oakland.

BIDS WANTED

LOS ANGELES, Cal.—Until July 31 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the annex bldg., classroom section, at the Woodcrest school, 1021 W. 109th St. Heth Wharton, 6237 Drexel Ave., architect, and J. J. Rees Engr. Co., Byrne Bldg., structural engineer. Cost, $32,556.

LOW BIDDER

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, submitted low bid to Los Angeles board of education at $37,500 for reconstruction, rehabilitation and strengthening of the 1928 addition at the Riggin Avenue school, 4865 E. Riggin Avenue. Arthur L. Acker, 1345 S. Sycamore Ave., architect; Maurice Sasso, I. W. Hellman Bldg., structural engineer.

LOW BIDDER

PASADENA, Cal.—Myers Bros., 3407 San Fernando Road, Los Angeles, submitted low bid to Pasadena board of education at $135,680, for construction of the primary buildings and assembly building at the Jefferson elementary school site. Marston & Maybury, 25 S. Euclid Ave., Pasadena architects.

Plans Being Figured—Bids Close Jul. 16, 7:30 P. M.

ADDITION Cost, $16,00
NORTH SACRAMENTO, Sacramento County, Calif.
One-story frame and stucco wing addition to school (add four class rooms).
Owner—Hagginwood School District
Architect — Harry Devine, California State Life Bldg., Sacramento.
Following will submit bids:
Azevedo Constr. Co., 920 O St., Sacramento.
M. R. Peterson, 1116 O St., Sacramento.
H. W. Robertson, 3004 F St., Sacramento.
Campbell Constr. Co., 800 R Street Sacramento.
C. H. Lawrence, 5372 9th Ave., Sacramento.
P. F. Bender, 1012 Del Paso Blvd., Sacramento.
Chas. Unger, 2426 Seventh Ave. Sacramento.
A. W. Sweet, 112 W. Bassettlaw Ave., North Sacramento.

BIDS WANTED

OAKLAND, Cal.—Until July 25, 4 P. M., bids will be received by the Oakland Board of Education for sever portable buildings on the grounds of the Oakland High School, located at Park Blvd. and Hopkins St., Oakland Plans and specifications may be obtained from the Department of Architecture and Engineering, Oakland Board of Education, upon deposit of $25.

Contract Awarded.

ADDITION Cont. Price, $23,23
SHAFTER, Kern Co., Calif. Shafter High School Campus.
Addition to high school (new shop building and study hall).
Owner—Shafter High School District
Architect—Edwin J. Symmes, Haberfelde Bldg., Bakersfield.
Contractor—W. A. Croft, 1605 Brundage Lane, Bakersfield.
Complete bids follow:
W. A. Croft $23,23
Trewhitt Shields Co., Fresno..... 23,580
Alva Hackney..... 23,950
W. K. Michael 24,197
Williams & Greenough..... 24,894
Adolph Hansen 24,900
Henry Eissler 28,900
All of Bakersfield unless otherwise noted.

BIDS WANTED

SAN FRANCISCO—Until July 24, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, for furnishing and installing heating system in the Douglas School, Collingwood & 19th Streets. Estimated cost, $4700. Specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $15.

TO ASK BIDS

SAN FRANCISCO—Department of Public Works will ask bids shortly on blackboards, flooring, painting, plaster repairs, etc., at the Douglas School, Collingwood and 19th Streets.

Chas. Sawyer, City Architect, City Hall.

— BANKS, STORES AND OFFICES

Bidder.
ICE Cost, $5000
FRANCISCO. Market St. and Van Ness Avenue.
-story Class C brick office building (flat roof, wood floors, wood sash, etc.)
er — Pacific Finance Corporation, 55 Montgomery Street.
hitect—W. D. Peugh, 333 Montgomery Street.
Bidder—Cahill Bros., 206 Sansome Street.
ids held under advisement.

Contracts Awarded.
TERATIONS Cost, $——
KLAND, Alameda Co., Calif. 530 18th Street.
erations and additions to offices (partitions, etc.) work involves mill work, glass and glazing, steel sash, painting, plumbing fixtures, some plastering, etc.
ner—California State Employment Service.
hitect — Otto G. Hintermann, 126 Post St., San Francisco.
ntractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
mber—California Mill and Lumber Co., 1829 Webster St., Alameda.
l Work—Lannom Bros. Mfg. Co., Fifth and Magnolia Sts., Oakland.
ctric—T. L. Rosenberg, 411 Webster St., Oakland.
mbing—Carl T. Doel, 467 21st St., Oakland.
el Sash—Cobbledick - Kibbe Glass Co., Washington St. at 3rd, Oakland.

NTRACT AWARDED
OAKLAND, Cal.—Central Bank of kland, 14th and Broadway, awarded contract to L. J. Kruse Co., 6247 lege Ave., Oakland, at $3,693 for nishing and installing steam heat- system, and hot boiler in the lding at 1445 Harrison St., Oakd.

Contracts Awarded.
ORES Cost, $3,500
RKELEY, Alameda Co., Cal. University Ave. and Grove St.
me stores on the ground floor of apartment building.
ner—Mrs. Heywood.
gineer—J. H. Platt, 1401 Walnut St., Berkeley.
ntractor — G. Petersen, 825 Evelyn Ave., Albany.
uctural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
ment—A. A. Johnson, 2121 Grant St., Berkeley.

ntract Awarded
TERATIONS Cost, $10,000
N FRANCISCO. 1143 Market St.
erations to store building.
ner—Provident Mutual Life Insurance Co. of Philadelphia, Russ Building.
gineer—L. H. Nishkian, 525 Market.
ntractor—M. Baran, 721 E. 62nd St. Los Angeles.

July 5, 1935
IDS WANTED
OAKLAND, Cal.—Until July 26, at P. M., (previously reported) bids ll be received by State Department Public Works, San Francisco-Oakd Bay Bridge Division, Room 811, Sansome St., San Francisco, Chief gineer C. H. Purcell, for construcon of the Administration Building d Toll Plaza, located in the city Oakland on the East approach.
Bids will be taken as follows:
(1) 17,500 c.y. excavation;
(2) 660 driving timber piles;
(3) 550 c.y. concrete seal;
(4) 1,500 c.y. foundation concrete;
(5) 2,200 c.y. structural concrete;
(6) 40 c.y. concrete railings;
(7) 600,000 lbs. reinforcing and miscellaneous steel;
(8) lump sum waterproofing;
(9) 1,300 c.y. selected base material;
(10) 2,000 tons crusher run base;
(11) 2,000 tons asphalt concrete;
(12) 2 truck scales, 30-ft., 30-ton;
(13) 2 truck scales, 60-ft., 40-ton;
(14) lump sum, Administration Bldg., general construction;
(15) Lump sum, Toll Booths and Canopies, general construction;
(16) Lump sum, Heating and Plumbing;
(17) Lump sum, Electrical Work;
(18) Lump sum, Administration Bldg. steel furniture;
(19) 2 each, flag poles;
(20) 2,000 bbls. extra portland cement.
Plans and specifications available from above office on deposit of $50, of which $40 is returnable.

Contract Awarded.
STORE Cost, $1500
SAN MATEO, San Mateo Co., Calif.
Bayshore and Birch Street.
One-story frame store building.
Owner—George Bligh, 150 Donohoe St., East Palo Alto.
Architect—Not Given.
Contractor—J. F. Collins & Son, 204 Parkinson Ave., East Palo Alto.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $6,000
SAN FRANCISCO. Bayshore Blvd.
One - story frame and stucco office building (flat roof, wood floors).
Owner—Bodinson Mfg. Co., 2401 Bayshore Boulevard.
Architect—W. H. Weeks, 525 Market.
Contractor—A. Holyoake, East Ave., Hayward.
Roofing—Bayshore Roofing Co., Bayshore Blvd.
Electric Wiring—Quality Elec. Co.
Heating and Sheet Metal — Pyramid Furnace Co., 732 Clementina St.
Concrete—Bayshore Concrete Co., 164 Talbert Street.
Wood Sash—T. P. Hogan, Alice St., Oakland.
Lumber — Loop Lumber Co., Central Basin.
Painting—Griffin & Sons, 1051 Valencia Street.
Lathing and Plastering—McGallange, 1448 Hopkins St., Burlingame.

CONTRACT AWARDED
LOS ANGELES, Cal.—Austin Co., 777 E. Washington St., Los Angeles at approximately $100,000 awarded contract by the Consolidated Film Industries, 933 N. Seward St., Los Angeles, for alterations to Class A building at 5515 Melrose Ave. R. E. Ward, 777 E. Washington St., Los Angeles, Engineer. Work consists of changing film laboratory into a broadcasting station, soundproofing, structural and reinforcing steel, tile and marble work, toilets, gas heating, electric wiring and plastering.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1259 Divisadero.
Alterations to store and residence.
Owner—D. Cuniberti, premises.
Architect—Not Given.
Contractor—Miller and McGillis, 527 19th Avenue.

Bids In—Held Under Advisement.
OFFICE Cost, $5,000
SAN FRANCISCO. Market St. and Van Ness Avenue.
One-story Class C brick office building (flat roof, wood floors, wood sash, etc.)
Owner — Pacific Finance Corporation, 55 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Announcement will be made within a few days.

Plans Being Figured.
STORE & ALTS. Cost, $——
TURLOCK, Stanislaus Co., Calif.
Two - story reinforced concrete store and apartment bldg. (40x100 feet) composition and part tile roof, concrete floors in store, hardwood floors in apartments, hot air heating system, air conditioning system, etc.
Owner—Andy Thorsen.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded.
ALTERATIONS Cost, $2000
PALO ALTO, Santa Clara Co., Cal. No. 126 University Avenue.
Alterations to store building.
Owner—Paul Werner.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

CONTRACT AWARDED
ALTERATIONS Cost, $——
CARMEL, Monterey Co., Calif. South Ocean Ave. bet. Mission and San Carlos Street.
Alterations to building for store and shop building.
Owner—E. H. Ewig.
Architect—Not Given.
Contractor—M. J. Murphy, Carmel.

Plans Being Figured—Bids Close July 26, 12 Noon.
BUILDING Cost, $15,000
SAN JOSE, Santa Clara Co., Cal. San Fernando and The Alameda.
One-story brick Class C brick railway express building (composition roofing, concrete floors, steel sash, etc.)
Owner — American Railway Express Co., 85 Second St., San Francisco.
Plans by Supt. of Building, Railway Express Agency, 85 Second St., San Francisco.
Following will submit bids:
W. F. Klay, 124 University Avenue, Palo Alto.
G. W. Williams Co., 315 Primrose Road, Burlingame.
Chas. A. Thomas, 127 Clayton Ave., San Jose.
Herman Lawson, 465 Tehama St., San Francisco.
Clinton Constr. Co., 923 Folsom St., San Francisco.
P. J. Walker, Sharon Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $3,646.50
SAN FRANCISCO. SE Second and Mission Streets.
Alterations to offices (office partitions, painting, glass and glazing, hardware, etc.)
Owner—California State Employment Service.
Architect—Otto G. Hintermann, 126 Post Street.
Contractor—Fink and Schindler, 552 Brannan Street.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 1231 Market St.
Alterations to restaurant in Whitcomb Hotel.
Owner—James Otis, Trustee, 444 California Street.
Architect—George Rushforth, 21 San Mateo Road, Berkeley.
Contractor—Fink & Schindler Co., 552 Brannan Street.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. 111 Sutter Street.
Alterations to ground floor of Hunter-Dulin Bldg. (interior alterations, electrical work, plumbing, painting, plastering, floor covering).
Owner—Dean Witter & Co., 486 California Street.
Architect—Kent & Hass, 525 Market Street.
Contractor—Ostlund & Johnson, 1901 Bryant Street.

Plans Completed.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. SE O'Farrell and Stockton Streets.
Alterations to store building.
Owner—Baldwin & Finkenstein Est.
Architect—Bernard J. Joseph, 74 New Montgomery Street.

Planned.
ADDITION Cost, $——
SAN RAFAEL, Marin Co., Calif. Fourth and B Streets.
Add one-story to present four-story office building.
Owner—Jacob Albert, San Rafael.
Architect—Not Selected.

Construction Under Way.
ALTERATIONS Cost, $——
BURLINGAME, San Mateo Co., Cal. Chula Vista Avenue.
Alterations to store.
Owner—G. B. Hays, Broadway Ave., Burlingame.
Plans by J. B. Oswald.
Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. Parnassus Ave. near Arguello Blvd.
Alterations to cafeteria.
Owner — Associated Dental Students, Affiliated Colleges.
Contractor—M. M. Bowman, 118 Church Street.
Architect—Not Given.

To Be Done By Day's Work.
STORES Cost, $5,000
SAN FRANCISCO. NE 42nd Avenue and Balboa Street.
One - story frame and stucco store building.
Owner and Builder—M. P. Storhsim, 475 Euclid Avenue.
Architect—Not Given.

17— THEATRES

Plans Being Prepared.
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street between First and Pearl.
Alterations to old Opera House for theatre.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

FIRE LOSS
SAN FRANCISCO—Fire destroyed a portion of the Coliseum Theatre, located at Ninth Ave. and Clement St., San Francisco, July 2. Damage estimated at $15,000. The theatre is owned by the San Francisco Theatres, Inc., 25 Taylor St.

Sub-Contracts Awarded.
REBUILD THEATRE
Contract Price. $11,352.72
SAN MATEO, San Mateo Co., Calif.
Rebuild Fox West Coast Theatre (recently destroyed by fire).
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.
Hardware—Palace Hardware Co., 581 Market St., San Francisco.
Mill Work—Pacific Mfg. Co., Santa Clara.
As previously reported plastering contract awarded to The Great Cummingham.

July 10, 1935

Bids In—Held Under Advisement.
ALTER THEATRE Cost, $75,000
SALINAS, Monterey Co., Calif.
Alterations and addition to Fox Theatre (new projection room, remodel interior, new stairs, carpets, furnishing, painting, decoratinf, etc.)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Announcement will be made shortly.

Planned.
THEATRE Cost, $40,000
BRENTWOOD, Contra Costa Co., Cal.
New theatre building.
Owner—Chas. Petersen, Room 625, 25 Taylor St., San Francisco.
Architect—Not Selected.
Further details will be announced in about one week.

19—MISC. CONSTRUCTION

Bids Wanted — To Close August 7, 8:00 P. M.
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide 33½ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Bids are being taken as follows:
(1) General work complete.
(2) Segregated general bid.
(3) Segregated mechanical bid.
(4) Segregated electrical bid.
(5) Segregated equipment bid.
Plans and specifications may be obtained from the architects, upon deposit of $25.

Contracts Awarded.
ABATTOIR Cost, $——
DIXON, Solano Co., Calif.
Addition and reconstruction of abattoir (steel frame and reinforced conc. construction, tar and gravel roof, steel sash, concrete floors).
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.
Contractor—Campbell Const. Co., 800 R St., Sacramento, $35,000.
Steel—Moore Drydock Co., foot of Adeline St., Oakland, $7,500.

To Be Done By Day's Work.
BUILDING Cost,$7000
SAN FRANCISCO. W Schwerin St. 400 E Sunnydale St.
One-story frame shipping building.
Owner—Geneva and Sunnydale Nursery, 798 Geneva Ave., S. F.
Architect—Not Given.

CONTRACT AWARDED
SACRAMENTO, Cal. — Luppen & Hawley, 3126 J St., Sacramento, at $1760 awarded contract by Sacramento City Council for furnishing and installing complete traffic control signal system at the intersection Y Street, Land Park Drive and Sl, tenth street.

BIDS WANTED
LOS ANGELES, Cal.—Until Aug. 10 A. M., as previously reported, bi will be received by Metropolitan Wa er Dist., 306 W. 3rd St., Los Angel for constructing telephone lines accordance with Specifications No. 1 copies of which may be obtained fro the district engineering departmen Room 1007, 306 West 3rd St., Los A geles, upon payment of $5 per se not returnable. The work is locat in Clark County, Nevada, and in Sa Bernardino and Riverside Countie California and comprises the constru tion of approximately 140 miles telephone trunk line and the conve sion of approximately 8 miles of e isting spur line to trunk line co struction. Certified or cashier check, $7000, must accompany ea bid. F. E. Weymouth, General Ma ager and Chief Engineer.
The items are:
(1) Convert 3.6 mi. of existing sp line bet. Hayfield Junction and Ha field pump lift to trunk line constru tion (per pole line mile);
(2) Convert 4.2 mi. of existing sp line between Iron Mt. Junction an Iron Mt. pump lift to trunk line co struction (per pole line mile);
(3) Construct 50 mi. of trunk li from Iron Mt. pump lift to Goffs Jun tion (per pole line mile);
(4) Construct 1.3 miles of tru line from Goffs Junction to Go switching station (per pole line mile
(5) Construct 85.6 miles of tru line from Goffs Junction to junctio with U. S. Govt. line near Bould City (per pole line mile);
(6) Construct 2.6 miles of tru line from Intake Junction to intak pump lift (per pole line mile);
(7) Furnish and erect at the optio of the district, if ordered within 1 days after date of contract, on a po lead to be provided by the distric materials at prices stated by bidde
(a) 230 single arm assemblies, a hardware per Drawing C-898, wi pins and insulators for one pa of wires (per assembly);
(b) 15 double arm assemblies, a hardware per Drawing C-888, wi pins and insulators for one pa of wires (per assembly);
(c) 10 double arm assemblies, a hardware per Drawing C-1030 wi clevis insulators for one pair wires (per assembly);
(d) 7 circuit miles of No. 6 AW (2 - conductor) circuit, equipp with transposition brackets a tie wires (per assembly);
(e) 15 guy and anchor assemblie assembled with materials p Drawing C-888 (per assembly).

Being Done By Day's Work.
REFINERY.... Cost, $75,00
STOCKTON, San Joaquin Co., Cali Rough and Ready Island.
Oil refinery (steel buildings).
Owner—City of Stockton Port Com mission.
Lessee—Stockton Oil Co. (George I Corse), 405 Montgomery St., Sa Francisco.
Plans by Engineering Dept. of Lesse
Work is being done by day's labo by lessee's own forces.

Plans Being Prepared.
SPORTS ARENA Cost, $25,00
SANTA BARBARA, Santa Barbar Co., Calif.
Remodel brick building for sport arena (heighten walls, insta dome roof).
Owner—Lou Daro.
Architect—Winsor Soule, 116 E. Sal St., Santa Barbara.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

SAN FRANCISCO.—Rucker - Fuller Co., 539 Market St., at $6.29 each, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1392 for furnishing 1600 oak chair desks for the School Department.

CONTRACT AWARDED

SAN FRANCISCO—American Brake Shoe & Foundry Co., South San Francisco, at $0.0355 per lb., awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Proposal No. 1372 for furnishing castings (brake shoes for Municipal Ry).

CONTRACT AWARDED

SAN FRANCISCO.—James L. Hall, Mills Bldg., at $0.784 each awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1384 for furnishing 2,500 6x8-in. x 8-ft. No. 1 split California Redwood ties.

BIDS OPENED

OAKLAND, Cal.—Identical bids at prices shown below were submitted by the Bay City Asbestos Co., 188 10th St., Oakland, and Jones Bros. Co., 370 Second St., San Francisco, to the Oakland City Council for furnishing expansion joint filler for the fiscal year:

¼x4-in., $3.84;
¼x8-in., $7.68;
⅜x6-in., $7.20;
⅜x8-in., $9.60;
½x8-in., $12.12.

Bids held under advisement.

BIDS OPENED

OAKLAND, Cal.—Melrose Building Materials Co., 4501 Tidewater Ave., Oakland, and Rhodes & Kennedy, 101 4th St., Oakland, submitted identical bids at prices shown below for furnishing wet concrete mix for the fiscal year:

Class A, $7.90;
Class B $7.28;
Class C, $6.79;
Class D, $8.62.

Bids held under advisement.

BIDS OPENED

SANTA ROSA, Sonoma Co., Cal.—Santa Rosa Oil and Burner Co., 101 Santa Rosa Avenue, Santa Rosa, at $.03875 per gallon submitted only bid to Board of Education of the City High School District for furnishing fuel oil of specific gravity 18 Baume and for maintaining and repairing oil burners and furnaces operated by the Board.

CONTRACT AWARDED

SAN LEANDRO, Alameda Co., Cal.—San Leandro Rock Co., 2485 Washington St., San Leandro, awarded the contract by City Council for supplying rock and screenings for the fiscal year ending June 30, 1936.

The award was made on the following items:

Red rock macadam, $1.05 per c.y.;
Red rock, 1-in., $1.05 per c.y.;
Red rock screenings, $1.05 per c.y.;
Rock fill, $0.75 per c.y.;
Crushed rock, $1.45 per c.y.;
Crushed rock screenings, $1.45 per cubic yard.
Birdseye, $1.65 per c.y.;
Rock dust, $0.75 per c.y.

CONTRACTS AWARDED

BOULDER CITY, Nev. — General Bronze Co., Long Island City, N. Y., at $95,765 (Schedules I and III) and North American Iron & Steel Co., Brooklyn, N. Y., at $5585 (Schedule II) awarded contracts by U. S. Bureau of Reclamation, Denver, for furnishing aluminum and steel pipe railings, aluminum doors, steel doors and structural and architectural metal work for Boulder Dam power plant and appurtenant works, Boulder Canyon Project, under Specification No. 625.

BIDS OPENED

OAKLAND, Cal.—Following bids received by the Oakland Board of Education for furnishing electrical supplies and radio equipment and supplies for the schools:

Electrical Materials

American Brass and Copper Supply Company	$ 96.07
Baker, Hamilton & Pacific	1,915.93
Crescent Electric Co.	1,064.37
Dunham, Carrigan & Hayden	986.18
Electric Corporation	2,312.00
General Electric Sup. Co.	2,348.88
Gilson Electric Co.	2,501.37
J. A. Roebling's Sons Co.	818.33
State Electric Supply Co.	1,529.37
Graybar Electric Co. (total bid not available).	

Radio Equipment, Etc.

W. D. Drill Company	$1,523.79
Electric Supply Co.	1,441.23
Oberbach Electric Co.	1,383.94
Radio Television Supply Co.	1,523.52
E. C. Wengar Company	1,258.41
Wholesale Radio Supply Co.	1,252.38

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—John McCarthy & Son, 300 California St., at $4.35 each submitted low bid to T. A. Brooks, Purchaser of Supplies, under Bid No. 1405, for delivery and return of voting machines during the fiscal year 1935-1936.

Complete bids follow:

John McCarthy & Son	4.35
Farnsworth & Ruggles	4.50
Federated Terminals	4.525
Overland Freight Transfer Co.	4.55
Carley & Hamilton, Inc.	4.55
J. A. Clark Draying Co.	4.55

BIDS OPENED

OAKLAND, Calif.—Higgins Awning and Linoleum Co., 2335 Broadway, Oakland, at $4,250 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, July 3, under Spec. No. LS 151, for furnishing 2,380 sq. yds. of No. 6 plain brown linoleum with border stripes.

The other bids were:

Jackson Furniture Co., Oakland, $4-850.52.

Van Fleet-Freer Co., San Francisco $5,056.00.

Bids held under advisement.

CONTRACT AWARDED

SAN LEANDRO, Alameda Co., Cal.—Calrock Asphalt Co., 525 Market St., San Francisco, at $4.24 per ton, fob distributing plant, Oakland, awarded contract by the San Leandro City Council for furnishing natural rock asphalt for the fiscal year ending June 30, 1936.

CONTRACT AWARDED

RIO LINDA, Sacramento Co., Cal.—Sacramento Lumber Co., Twelfth and North B Sts., Sacramento, at $2020, awarded contract by Rio Linda Union High School District for furnishing materials to be delivered at the School grounds.

LOW BIDDERS

FRESNO, Fresno Co., Calif. — Low bids received by Lieut. Geo. T. Stump Purchasing and Contracting Officer, Fresno District CCC, 414 P Street, Fresno, under Bid No. 5905 - 35 - 140, July 2, for furnishing miscellaneous materials for construction of camp buildings at Camp Greeley, F-371, 7 miles north of Coulterville:

Incandescent Supply Co., Sec. VII, Fresno, $197.71.

Dallman Supply Co., Sec. IV, Sacramento, $12.31.

Dallman Supply Co., Sec. V, Sacramento, $15.82.

Barrett-Hicks Co., Sec. III, Fresno, $98.11.

*Crane Co., Sec. VI, Fresno, $1,-763.95.

Merced Lumber Co., Sec. VIII-h, Merced, $119.00.

United Lumber Yards, Sec. I, Modesto, $561.93.

United Lumber Yards, Sec. II, Modesto, $69.68.

United Lumber Yards, Sec. IX, Modesto, $34.30.

Low bids received July 2, under Bid No. 5905-35-141, for furnishing miscellaneous materials for construction of camp buildings at Camp Inyokern:

Proposal No. 5905-35-141

Dallman Supply Co., Section V, Sacramento, $15.82.

* Dallman Supply Co., Sec. VI, Sacramento, $1,932.54.

Incandescent Supply Co., Sec. VII, Fresno, $195.21.

Lonepine Lumber Co., Sec. I, Lonepine, $622.28.

Lonepine Lbr. Co., Sec. II, Lonepine, $67.07.

Lonepine Lbr. Co., Sec. III, Lonepine, $128.62.

Lonepine Lbr. Co., Sec. IV, Lonepine, $24.70.

Lonepine Lbr. Co., Section VIII-h, Lonepine, $117.04.

Lonepine Lbr. Co., Sec. IX, Lonepine, $28.50.

*Contract awarded to Crane Co., Fresno; Dallman Supply Co., Sacramento, by lot.

196

Long Term
Home Loans
Federal Insured
Mortgage Plan

Homes covered by these loans can be bought on a small down payment, *without second mortgage financing*. Buyer has up to 20 years to repay in uniform monthly installments, like rent.

Inquire at our nearest office.

AMERICAN TRUST COMPANY
Since 1854
Commercial Banking: Savings: Trust

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

SANTA CLARA CO., Calif.—Until July 24, at 2 P. M., bids will be received by State Division of Highways, Public Works Bldg., Sacramento, for constructing an undergrade crossing under the tracks of the Southern Pacific Railroad, one and one-half miles south of Agnew, consisting of two concrete abutments with wing walls and approximately 0.29 mile roadway to be graded and paved with Portland cement concrete.

Bids will be taken as follows:

(1) 28,000 c.y. rdwy. excav., unclass.
(2) 1,100 c.y. structure excavation;
(3) 1,910 c.y. imported borrow;
(4) 400,000 sta. yds. overhaul;
(5) 7,800 sq. yds. subgrade for pavement;
(6) 800 tons crusher run base;
(7) 6 tons liquid asphalt SC-1A subgrade treatment;
(8) 10 tons Grade E asphalt do;
(9) 1,365 c.y. Class A Portland cement concrete standard pave.;
(10) 3,080 c.y. Class B Portland cement concrete thick pavement;
(11) 320 c.y. Class A Portland cement concrete sub-slab;
(12) 1,872 each pavement dowels;
(13) 99,000 lbs. bar reinf. steel;
(14) 870 c.y. Class A Portland cement concrete structures;
(15) 340 c.y. Class B do;
(16) 6,960 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(17) 174 each driving do;
(18) 340 c.y. Class A Portland cement curbs, gutters and sidewalks;
(19) 1,300 l.f. pipe handrail;
(20) 1,350 l.f. new wire mesh fence;
(21) 1,450 l.f. new barbed wire fence;
(22) 5 each drive gates;
(23) 5,500 sq. yds. membrane waterproofing;
(24) 48 l.f. 8-in. CMP;
(25) 150 l.f. 12-in. CMP;
(26) 16 l.f. 18-in. CMP;
(27) 2,420 l.f. 8-in. perf. metal pipe;
(28) 940 l.f. 12-in. cast iron pipe;
(29) 200 c.y. rock filling material;
(30) 1,530 l.f. copper strips;
(31) 1,200 lbs. misc. steel;
(32) 1 lot drainage pumping equip.;
(33) 1 lot irrigation pumping equip.;
(34) 1 lot irrigation distribution system;
(35) 1 lot misc. items of work.

Drawings and specifications obtain- the office of the District Engineer in San Francisco and Los Angeles. able from above office and on file at

CONTRACT AWARDED

PLACER COUNTY, Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at $3,625 submitted low bid and awarded contract by the Placer County Board of Supervisors, A. S. Fleming, County Clerk, for the erection of a 65-ft. steel through plate girder span on steel H pile foundations, in Placer County about 8 miles northwest of Roseville, Bridge No. 6 on Road No. 27.

Lord & Bishop submitted an alternate bid of $3,700.

John Hachman, Stockton, at $5,200 submitted the only other bid. W. E. Emmett, 901 Russ Bldg., San Francisco, engineer.

BIDS WANTED

COWLITZ COUNTY, Wash.—Until July 23 10 A. M., bids will be received at the office of the Director of Highways, L. V. Murrow, Olympia, for grading and constructing a 240-ft. steel span with two 60-ft. concrete girder approach spans on State Road No. 1, Toutle River Bridge, involving:

(1) 14,310 c.y. excavation;
(2) 1,731 c.y. concrete;
(4) 660,000 lbs. structural steel;
(5) 4.5 MFBM treated timber & lumber;
(6) 4,400 l.f. steel piling.

22—DREDGING HARBOR WORKS EXCAVATION

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until July 16, at 2 P. M., bids will be received by Ohm & Raab, civil engineers, 109 E Weber Ave., Stockton, for leveling, ditching and checking about 196 acres of land, located about seventeen miles south of Stockton, for the Pacific States Savings and Loan Company.

The area has been divided into four separate jobs of approximately 50 acres each. Tractors and Fresno scraper will be required.

Plans and specifications obtainable from the office of Ohm & Raab

BIDS WANTED

OREGON - WASHINGTON.—Until July 17, at 3 P. M., bids will be received by U. S. Engineer Office, First Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for dredging approximately 1,000,000 cubic yards of material from channel in the Columbia River, extending from the Interstate Highway Bridge at Vancouver, Wash., to the mouth of the Willamette River.

Drawings and specifications obtainable on application to above.

BIDS WANTED

SAN DIEGO, Cal.—Until August 5, 3 P. M., bids will be received by the U. S. Engineer Office, Major H. H. Stickney, District Engineer, 751 So Figueroa St., Los Angeles, for furnishing all plant, labor and materials and performing all work for dredging about 13,910,000 cubic yards of material in San Diego Bay; for constructing a retaining dike and making a fill of the dredged material; and for excavation of about 6,000 cubic yards material to provide for an outlet ditch from Whaler's Bight to the Pacific Ocean.

Bids will be taken as follows:

(1) Section A, 4,540,000 c.y. dredging to depth; 210,000 c.y. over depth;
(2) Section B, 4,720,000 c.y. dredging to depth; 200,000 c.y. over depth;
(3) Section C, 4,030,000 c.y. dredging to depth; 210,000 c.y. over depth.

The project is financed with $1,800,000 allotment of Emergency Work Relief funds.

Dradings and specifications may be inspected at the office of the Pacific Drawings and specifications may be House, San Francisco, and copies may be obtained on application to U. S. Engineer, 751 S. Figueroa St., Los Angeles.

CONTRACT AWARDED

SAN DIEGO, Cal.—Chas. and F. W. Steffgen, 2015 Bay Font, San Diego, at $66,070.48 awarded contract by the Navy Department, Bureau of Yards and Docks, unde Spec. No. 7994, for constructing two concrete runways for seaplanes at the Naval Operating Base (Air Station) San Diego.

CONTRACT AWARDED

SAN LUIS OBISPO, Cal.—Merritt-Chapman & Scott Corp., P. O. Box 698, San Pedro, at $27,920 awarded contract by U. S. Engineer Office, Los Angeles, for repairing the breakwater at San Luis Obispo Harbor.

CONTRACT AWARDED

SANTA MONICA, Cal.—Rohl-Connolly Co., 4351 Alhambra Ave., Los Angeles, at $8200 awarded contract by Santa Monica City Council for reconditioning anl repair of the breakwater in Santa Monica Bay.

BIDS WANTED

OREGON AND WASHINGTON—Until July 19, 3 P. M., bids will be received by United States Engineer Office, Second Portland District, Major C. F. Williams, 627 Pittock Block, Portland, Ore., for channel improvement in Columbna River, Oregon and Washington, from Celilo Falls to Wallula.

The work involves:

(1) 46,400 cu. yds. rock excavation;
(2) 131,000 cu. yds. gravel excavation.

Specifications and drawings obtainable on application to above.

BIDS WANTED

OREGON—Until July 16, 3:00 P. M., bids will be received by United States Engineer Office, First Portland Dist. Major Milo P. Fox, 306 Custom House, Portland, Oregon, for clearing and grading river bank and constructing approximately 4340 lin. ft. of protective gravel fill and removal and relaying of approximately 7200 square feet of stone revetment, all in the Willamette River near Independence, Ore.

The work involves:

(1) 4400 cu. yds. grading, including clearing;
(2) 204,000 cu. yds. protective gravel fill in place;
(3) 7200 sq. ft. removing and relaying existing stone revetment.

Specifications and drawings obtainable on application to above.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

IIDS WANTED

COCO SOLO, C. Z.—Until Aug. 7, 1 A. M., bids will be received by the ureau of Yards and Docks, Navy Dearment, Washington, D. C., under pec. 8013, for constructing an extenion to earth-filled steel sheet pile ier with timber fender system, inluding concrete curbs, service piping nd fittings at the Naval Submarine ase, Coco Solo.

Plans and specifications obtainable rom the Commandant, 15th Naval District, Balboa, C. Z., on deposit of 10.00.

ELECTION CALLED

SANTA CLARA COUNTY, Calif.—Board of Supervisors have called a pecial election August 27 to submit proposal for forming the San Jose Harbor District, including the cities f San Jose, Santa Clara, Alviso and nincorporated area in the immedite vicinity.

Estimates prepared for the San Jose Deep Water Port Association place the cost of initial development proposed at $1,750,000. Application has been filed with PWA for a grant of $675,000 toward the construction cost.

City Engineer W. L. Popp of San Jose estimates construction items as follows: Dredging 2,362,000 c.y. in the main channel and turning basin, and 400,000 c.y. around docks, $300,000; rock facing, 16,000 tons, $25,000; 26,000 l.f. highway, 30,000 l.f. railroad track, 5484 l.f. spur track, $475,000; levees, $180,000; wharves, $295,000; warehouses, $125,000; water system, conveyors, etc., $100,000.

If the port project is undertaken the Federal government will spend $300,000 in dredging channel in addition to port district dredging.

23—IRRIGATION PROJ.

BIDS OPENED

YUMA, Ariz. — Triangle Rock and Gravel Co. and Chas. Holmes, West Highland Ave., San Bernardino, Cal., submitted low bid to U. S. Bureau of Reclamation, Yuma, July 8 at $149,-00, for furnishing all labor and materials and performing all work for the preparation of concrete aggregates at Station 90 of the All-American Canal, Boulder Canyon Project, Arizona-California-Nevada, in accordance with Spec. No. 633. The work is located near Yuma.

The principal items are as follows:

(1) 60,000 c.y. excavation, all classes, stripping gravel deposits;
(2) 98,000 c.y. preparing and stockpiling sand;
(3) 55,000 c.y. do gravel, 3/16- to ¾-in. in size;
(4) 56,000 c.y. do, ¾- to 1-in. in size;
(5) 32,000 c.y. do, 1- to 1½-in. in size; size.
(6) 19,000 c.y. do, 1½- to 3-in. in size.

Totals of the three low bids were:

(A) Triangle Rock and Gravel Co. and Chas. Holmes, $149,900.
(B) Acme Gravel Co., San Antonio, Texas, $170,000.
(C) V. R. Dennis Const. Co., San Diego, $178,360.

Unit prices for the low three bidders follow:

	(1)	(2)	(3)	(4)	(5)	(6)
(A)	$.18	$.535	$.535	$.535	$.535	$.535
(B)	.06	.64	.64	.64	.64	.64
(C)	.05	.50	.78	.78	.78	.78

The totals of the other bids were:

Pacific Rock & Gravel Co., Los Angeles $182,410
Imperial Rock Co., L. A. 186,040
Becker County Sand & Gravel Co., Crosby, Minn. 191,000
Griffith Co., Los Angeles 195,400
W. E. Callahan Const. Co., Long Beach 199,580
Ray Schweitzer, L. A. 217,400
Consolidated Rock Prod. Co., Los Angeles 221,200
White & Miller, Tucson, Ariz. 224,400
Boyce & Igo, Baton Rouge, La. 238,200
Peninsula Paving Co., S. F. 240,000
M. E. Gilliog, Monett, Mo. 252,750
Morrison-Knudsen Co., L. A. 261,540

BIDS WANTED

FAIRFIELD, Mont.—Until Aug. 5, 2 P. M., bids will be received by the U. S. Reclamation Service, A. W. Walker, project superintendent, Fairfield, Mont., for constructing earthwork and canal lining for the Pishkun Canal and the Sun River Slope Canal, Greenfields Division, Sun River Project, under Spec. No. 637. The work is located near Fairfield and Augusta, Montana.

Principal items of work involved are:

(1) 1,019,000 c.y. excavation all classes for canals and canal enlargements;
(2) 270,000 sta. yds. overhaul;
(3) 900 c.y. excavation all classes for parapet walls;
(4) 750 c.y. backfill;
(5) 1,050 c.y. concrete;
(6) 84,000 pounds reinforcement bars (placing only);
(7) 800 c.y. removing defective concrete;
(8) 10,000 c.y. excavating and placing blanketing material.

Copies of the standard forms and of the specifications may be obtained from the office of the Bureau of Reclamation at Fairfield; Denver, Colorado, and Washington, D. C. No charge to prospective bidders; to others $1.00, not returnable.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

FT. MASON, Cal.—Superior Grinding & Motor Parts Co., 865 Post St., San Francisco, at $790 each, fob Fort Mason, awarded contract by Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-35-289, Req. No. QM 398-4049-35, Memo. 6840, for furnishing two gasoline,heavy duty type tractors.

BIDS OPENED

SACRAMENTO, Calif.—The following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 59211, Req. No. HS 10252, for furnishing one portable air compressor, mounted on skids, fob Sacramento:

Rix Co., San Francisco, $2,960.

Identical bids at $3,450 submitted by the following: Chicago Pneumatic Tool Co.; Worthington Co.; Gardner-Denver Co.; Weaver-Rye Tractor Co., and Sullivan Machinery Co.

Edward R. Bacon, $3,650.

Bids held under advisement.

26—— RAILROADS

FUNDS AVAILABLE

VIRGINIA CITY, Nevada — Sutro Tunnel Coalition, Inc., Virginia City, has received a loan of $160,000 from the Reconstruction Finance Corporation to develop its mining property. Plans have been completed for relocating the V. & T. Railroad tracks near Gold Hill, where it traverses the mine property and for erecting a 100-ton mill.

J. M. Leonard is general manager of the company.

BIDS OPENED

OAKLAND, Calif.—Pacific Coast Steel Co., 20th and Illinois Streets, San Francisco, at $4,192.39 submitted low bid to City of Oakland Port Commission for furnishing and delivering track materials on the dock at the Seventh Street Unit, Outer Harbor Terminal, Oakland.

Complete bids follow:

Pacific Coast Steel Co., San Francisco $4,192.39
United Commercial Co., S. F. 4,500.00
Columbia Steel Co., S. F. 4,704.00

Bids held under advisement.

CONTRACT AWARDED

WESTWOOD, Cal.—M. W. Prusia, Westwood, at $0.1125 per track foot awarded contract by Red River Lumber Co., Westwood, for furnishing necessary labor to lay approximately 12 miles of steel on the Company's railroad between Westwood and Susanville. Work is to be done by hand labor.

Only other bid submitted by Claus Johnson, Westwood, at $0.13 per track foot for laying and surfacing; track-laying machine and locomotive service to be furnished by Company.

Bids were opened July 5 by Fred Lloyd, Red River Lumber Co., Westwood.

28 — FIRE EQUIPMENT

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until July 23, 8 P. M., bids will be received by City Council, W. Z. Tiffany, City Clerk, City Hall, for furnishing motor fire fighting apparatus in accordance with specifications on file with the City Clerk, entitled "Specifications — Type '99' American - La France, G.M.C., Chassis Ranger."

29—STREETS AND HIGHWAYS

BIDS OPENED

SAN FRANCISCO. — Pacific Pavements Co., 85 Barstow St., at $1166.30 submitted low bid to San Francisco Department of Public Works, under Spec. No. 18,869, for reconstruction of the roadway on Rivoli Street between Belvedere and Cole Streets.

The work involves:

(1) 50 l.f. granite curb redressed and reset;
(2) 3,230 sq. ft. 6-in. Class E concrete center strip pavement;
(3) 190 sq. ft. remove existing pavement and replace with asphalt concrete pavement consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surface;
(4) 20 tons asphaltic concrete binder in place;
(5) 4,522 sq. ft. 2-in. asphaltic concrete wearing surface;
(6) 125 sq. ft. asphaltic concrete conform pavement.

Complete bids follow:

(A) Pacific Pavements Co. $1166.30
(B) Chas. L. Harney 1377.65
(C) Fay Improvement Co. 1434.48
(D) Theodore Cohn 1438.90

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ .20	$ .30	$ .75	$1.00
(2)	.24	.26	.269	.28
(3)	.25	.32	.315	.30
(4)	5.00	8.00	4.95	5.50
(5)	.05	.065	.08	.068
(6)	.06	.065	.06	.08

Bids referred to City Engineer J. J. Casey.

CONTRACT AWARDED

SAN FRANCISCO. — Fay Improvement Co., Phelan Bldg., at $3,212.58 awarded contract by San Francisco Department of Public Works under Spec. No. 18,851, for improvement of Houston Street between Jones Street and Columbus Avenue.

CONTRACT AWARDED

SACRAMENTO, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $0.009 per sq. ft., (total $4500) awarded contract by Sacramento City Council for planing and shaping 500,000 sq. ft., more or less, of pavement

BIDS OPENED

SAN FRANCISCO. — Fay Improvement Co., Phelan Bldg., at $1839.66 submitted low bid to San Francisco Department of Public Works under Spec. No. 18,868, for construction of a concrete center strip on Pacific Avenue between Presidio Avenue and Lyon Street.

The work involves:

(1) 6,770 sq. ft. remove brick wearing surface and replace with Class E concrete center strip,
(2) 194 sq. ft. remove existing asphalt concrete pavement and replace with an asphaltic concrete pavement consisting of a 6-inch Class F concrete base and a 2-in. asphaltic concrete wearing surface where directed;
(3) 94 sq. ft. remove and replace the existing brick pavement where directed;
(4) 30 l.f. granite curb redressed and reset.

Complete bids follow:

(A) Fay Improvement Co $1839.66
(B) Eaton & Smith..... 1856.50
(C) Theodore Cohn 1886.00
(D) A. W. Clark Jr. Const. Co. 1954.30
(E) Charles L. Harney..... 1989.04
(F) C. C. W. & H. H. Haun.... 2220.90

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)..	$.255	$.25	$.26	$.27	$.278	$.30
(2)..	.315	.40	.30	.40	.32	.35
(3)..	.30	.60	.40	.20	.35	.50
(4)..	.80	1.00	1.00	1.00	.40	2.50

Bids referred to City Engineer John J. Casey.

BIDS WANTED

SHASTA COUNTY, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for treating with liquid asphalt about 8.1 miles in Shasta County, between Route 28 and Four Corners and that portion within McArthur Memorial Park.

The work requires 135 tons liquid asphalt, SC-4, in place.

Specifications and proposal forms may be obtained at the above address

BIDS WANTED

MINERAL & ESMERALDA COS., Nev.—Until July 24, 2 P. M., bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nev., for surfacing with asphaltic roadmix about 34.62 miles in Mineral and Esmeralda Counties, from California-Nevada State Line to Coaldale.

The work involves:

(1) 2572 tons asphaltic road materials Type SC-2;
(2) 228 tons asphaltic road material Type MC-2;
(3) 34.60 mi. roadmix;
(4) 34.60 mi. finish roadway;
(5) 346 each culvert markers;
(6) 80 lin. ft. romove culvert pipe;
(7) 2 each remove culvert headwall;
(8) 4024 cu. yds. roadway excav.;
(9) 75 cu. yds. structure excav.;
(10) 0.19 mi. subgrade;
(11) 600 cu. yds. crushed gravel or stone surface;
(12) 5660 lbs. reinforcing steel;
(13) 55 cu. yds. Class A concrete.

Specifications and proposal forms obtainable from above on deposit of $5, of which $2.50 is returnable; on file at the U. S. Bureau of Public Roads, Room 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

KERN COUNTY, Calif.—Until July 22, 10 A. M., bids will be received by State Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for applying a seal coat on about 4.3 miles in Kern County between 4.3 miles west of Buttonwillow and Buttonwillow.

Specifications and proposal forms may be obtained at above address.

STANISLAUS CO.—4.5 Mi. Grading & Surfacing—(State)

STANISLAUS COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $95,324.20, submitted low bid to State Division of Highways, Public Works Bldg., Sacramento, for about 4.5 miles grading and placing road-mix surfacing in Stanislaus Co. between 0.8 mile north of Newman and 0.2 mile south of Crows Landing.

The work involves:

(1) Clearing and grubbing highway right-of-way;
(2) 1800 M. gals. water;
(3) 37,500 cu. yds. rdwy. excav. (unclass.);
(4) 15,000 sta. yds. overhaul;
(5) 3250 cu. yds. structure excav.;
(6) 37,000 cu. yds. imported borrow;
(7) 214 stations irrigation dikes;
(8) 330 cu. yds. remove concrete;
(9) 240 stations finishing rdwy.;
(10) 9200 cu. yds. untreated crushed gravel or stone base;
(11) 56 tons liquid asphalt SC-2 (prime coat);
(12) 5800 cu. yds. mineral aggregate (road mix surfacing);
(13) 386 tons liquid asphalt MC-5 or MC-extra heavy (road mix surfacing);
(14) 45 tons liquid asphalt MC-3 (seal coat, road mix surfacing);
(15) 345 tons sand (seal coat, road mix surfacing);
(16) 88 tons natural rock asphalt surfacing;
(17) 200 tons liquid asphalt SC-3 (road mix surface treatment, shoulders);
(18) 31,600 sq. yds. preparing, mixing and shaping shoulders (road mix surface treatment);
(19) 6000 lbs. bar reinf. steel (structures);
(20) 160 cu. yds. Class A Portland cement concrete (structures);
(21) 111 MFBM redwood timber, dense, select, all heart structural grade;
(22) 22 MFBM redwood timber, select all heart, structural grade;
(23) 3490 lin. ft. furnishing creosoted Douglas fir piles;
(24) 120 each driving piles;
(25) 114 lin. ft. 8-in. CMP;
(26) 200 lin. ft. 15-in. CMP;
(27) 276 lin. ft. 18-in. CMP;
(28) 408 lin. ft. 24-in. CMP;
(29) 364 lin. ft. 30-in. CMP;
(30) 270 lin. ft. 36-in. CMP;
(31) 100 lin. ft. 42-in. CMP;
(32) 54 lin. ft. 48-in. CMP;
(33) 390 lin. ft. clean and relay CMP culverts;
(34) 299 lin. ft. clean and salvage pipe culverts;
(35) 10 each 18-in. automatic drainage gates;
(36) 1 only 24-in. hand operated slide gate;
(37) 1 only 30-in. do;
(38) 1 only cast steel frame and cover for drop inlet;
(39) 48 each monuments complete in place;

Complete total bids follow:

(A) Union Paving Co., San Francisco, $95,324.20.
(B) Biasotti, Willard and Biasotti, Stockton, $97,057.40.
(C) Hanrahan - Wilcox Corp., San Francisco, $99,451.30.
(D) Earl W. Heple, San Jose, $101,486.80.
(E) Fredrickson & Watson and Fredrickson Bros., Oakland, $108,203.40
(F) M. J. B. Const. Co., Stockton, $108,729.05.
(G) A. Teichert & Son, Inc., Sacramento, $109,832.00.
(H) Central States Const. Co., Oakland, $114,235.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1).....	$2500.00	$500.00	$460.00	$1200.00	$700.00	$1250.00	$750.00	$1000.00
(2).....	.90	1.50	1.00	1.00	1.25	1.50	1.30	1.50
(3).....	.28	.25	.25	.25	.26	.27	.25	.30
(4).....	.02	.01	.02	.015	.02	.01	.01	.02
(5).....	.90	.75	.75	1.00	1.25	1.00	.80	1.00
(6).....	.40	.38	.45	.48	.40	.43	.50	.45
(7).....	3.00	1.50	4.00	5.00	6.00	6.50	5.00	25.00
(8).....	4.00	2.25	5.50	5.00	4.00	2.75	4.00	2.50
(9).....	6.00	5.00	5.50	10.00	6.00	6.50	5.00	5.00
(10).....	1.00	1.25	1.45	1.50	1.70	1.50	1.57	1.50
(11).....	12.00	14.00	12.00	12.00	14.00	15.00	15.00	15.00
(12).....	1.50	1.70	1.85	1.25	2.13	1.80	1.76	2.00
(13).....	17.50	16.35	19.00	24.00	21.00	23.00	21.00	20.00
(14).....	17.50	22.00	19.00	18.00	21.00	23.00	22.50	20.00
(15).....	3.00	2.70	2.00	2.50	2.50	1.85	2.50	2.00
(16).....	8.00	10.00	7.00	8.00	6.00	7.00	7.00	10.00
(17).....	14.00	16.00	14.00	14.50	16.00	16.00	17.00	15.00
(18).....	.07	.04	.04	.06	.06	.06	.065	.05
(19).....	.07	.06	.05	.05	.06	.07	.06	.06
(20).....	15.00	20.00	20.00	16.75	22.00	19.00	24.00	30.00
(21).....	85.00	115.00	90.00	75.00	94.00	112.00	100.00	100.00
(22).....	90.00	110.00	90.00	75.00	90.00	118.00	100.00	100.00
(23).....	.60	.70	.60	.60	.60	.70	.64	.70
(24).....	15.00	18.00	18.50	15.00	25.00	18.00	25.00	25.00
(25).....	1.30	1.00	.80	.90	1.00	1.00	1.25	1.00
(26).....	2.00	1.40	1.30	1.50	1.50	1.55	2.00	1.25
(27).....	2.50	1.70	1.50	1.80	1.75	1.85	2.25	1.50
(28).....	3.50	2.20	2.40	2.70	2.70	2.50	3.20	2.25
(29).....	4.50	3.50	3.00	3.35	3.25	3.35	3.90	2.50
(30).....	6.00	5.00	5.00	5.00	5.00	5.00	5.60	4.00
(31).....	9.00	6.05	7.00	7.00	7.00	7.25	7.85	5.50
(32).....	12.00	8.50	8.50	8.60	8.30	9.00	9.50	6.50
(33).....	.50	.90	.70	2.00	.50	1.50	1.50	2.50
(34).....	.50	.85	.60	2.50	.40	.70	1.30	2.50
(35).....	20.00	20.00	20.00	21.00	30.00	24.50	25.00	20.00
(36).....	50.00	31.00	35.00	45.00	40.00	38.00	45.00	30.00
(37).....	80.00	48.00	60.00	68.00	75.00	60.00	70.00	55.00
(38).....	40.00	36.00	40.00	25.00	40.00	35.00	45.00	35.00
(39).....	2.00	3.00	2.50	3.00	3.00	3.00	3.50	3.50

AN FRANCISCO—Section B, Park-Presidio Water Supply

AN FRANCISCO.—M. J. Lynch, kdale and Barnevahl Avenues, at 1,694.45 submitted low bid to the partment of Public Works, City all, under Spec. No. 18,845, for inalling Section B of the Park-Presio District Extension to the Auxiliy Water Supply System for Fire otection.

Work will be located on the followg streets:

Cabrillo bet. 12th Ave. and Arguel. Blvd.;

Arguello Blvd. bet. Cabrillo and irk Street.

Turk St. bet. Arguello Blvd. and rker Ave.

Parker Ave. bet. Turk and Fulton.

Shrader St. bet. Fulton and Grove.

Grove St. bet. Shrader and Clayton.

Clayton St bet. Grove and Oak Sts.

The work involves:

st Iron Pipe and Special Castings In Place

1) 1091 l.f. 14-in. Class F bell and spigot, plain;
2) 288 l.f. 14-in. Class F bell and spigot, lugged;
1) 1626 l.f. 14-in. Class E bell and spigot, plain;
4) 420 lf. 14-in. Class E bell and spigot, lugged;
5) 3938 l.f. 12-in. Class F bell and spigot, plain;
6) 720 l.f. 12-in. Class F bell and spigot, lugged;
7) 829 l.f. 12-in. Class F bell and spigot, plain;
8) 96 lin. ft. 12-in. Class E bell and spigot, lugged;
9) 330 l.f. 8-in. Class G bell and spigot, lugged;
0) 1 16-in. gate valve, in place;
) 8 12-in. do;
2) 11 10-in. do;
3) 26 8-in. do;
place;

Note: Items 1 to 14, inclusive, Cast n Pipe, Valves, Hydrants and Special Castings, will be furnished by the City.

(15) 54,000 lbs. pig lead, furnished & delivered;
(16) 10,000 lbs. cast steel special castings, furnished and delivered;
(17) 80,00 lbs. cast iron special castings, furnished and delivered;
(18) 18,000 lbs. manhole and valve box cast iron frames, covers and dust pans, furnished and placed
(19) 25,000 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(20) 2600 lbs. reinforcing steel, furnished and placed;
(21) 50 c.y. Class B concrete, in place
(22) 5800 c.y. excavation and backfill;
(23) 28,000 sq. ft. asphalt - concrete pavement (2-in.x6-in.) Class F concrete;
(24) 300 sq. ft. asphalt-concrete wearing surface, 2-in. thick;
(25) 400 sq. ft. concrete sidewalk (1 course);
(26) 12 c.y. crushed rock, furnished & placed;
(27) 27 tons bell and spigot pipe or double pipe, without lugs. In Classes C to H inclusive, and in nominal dia. of 8- to 18-in. inc.;
(28) 5 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In Classes C to H inc. and in nominal dia. of 8- to 18-in. inclusive.

Note: Items 15 to 28, inclusive; all materials, including Pipe shall be furnished by the Contractor.

Total bids follow:

(A) M. J. Lynch $43,694.45
(B) Herman Lawson 44,175.32
(C) Fay Improvement Co..... 45,729.06
(D) Pacific States Const. Co. 45,841.30
(E) C. C. W. & H. H. Haun 47,869.25
(F) Chas. L. Harney..... 49,992.30
(G) Lowrie Paving Co..... 50,706.00
(H) Eaton & Smith..... 51,725.82

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1)	$ 1.65	$ 2.50	$ 1.87	$ 2.25	$ 2.00	$ 3.20	$ 2.00	$ 2.60
2)	1.95	3.06	1.97	3.50	2.80	3.40	2.60	3.15
3)	1.65	2.11	1.87	2.10	1.90	3.20	2.00	2.60
4)	1.95	3.88	1.97	3.00	2.90	3.40	2.60	3.15
5)	1.50	2.30	1.87	1.35	1.75	2.30	1.90	1.96
6)	1.70	2.18	1.97	1.95	2.75	2.60	2.00	2.10
7)	1.40	1.30	1.87	1.35	1.65	2.30	1.50	1.96
8)	1.70	3.12	1.97	3.00	2.60	2.60	3.00	2.10
9)	3.00	3.62	3.19	4.20	4.00	2.70	6.00	10.00
10)	30.00	398.06	21.50	30.00	35.00	60.00	40.00	100.00
11)	15.00	20.90	21.50	20.00	80.00	50.00	30.00	85.00
12)	15.00	32.00	21.50	20.00	25.00	40.00	30.00	63.00
13)	15.00	20.00	21.50	17.00	20.00	35.00	20.00	50.00
14)	20.00	20.00	21.50	20.00	25.00	40.00	30.00	56.00
15)	.037	.03	.03	.043	.04	.02	.043	.03
16)	.18	.05	.18	.18	.18	.18	.18	.18
17)	.05	.02	.05	.05	.05	.04	.05	.05
18)	.05	.05	.0575	.06	.05	.06	.05	.05
19)	.08	.05	.08	.085	.0825	.04	.0825	.0825
20)	.05	.05	.05	.06	.05	.05	.05	.05
21)	30.00	20.00	18.00	20.00	22.00	17.40	20.00	15.00
22)	1.00	1.25	1.25	1.25	1.35	1.00	1.40	1.00
23)	.25	.18	.20	.19	.20	.18	.25	.18
24)	.10	.10	.10	.085	.12	.12	.10	.07
25)	.14	.16	.20	.18	.15	.15	.16	.12
26)	2.25	3.00	3.00	1.50	3.00	3.00	1.50	2.00
27)	60.00	27.50	50.00	50.00	40.00	48.50	50.00	50.00
28)	60.00	37.50	60.00	60.00	50.00	58.50	60.00	60.00

Bids were referred to City Engineer John J. Casey and to PWA.

DS WANTED

OWLITZ COUNTY, Wash.—Until ly 21, 10 A. M., bids will be reved by U. S. Bureau of Public ads, W. H. Lynch, District Engier, 316 New Post Office Bldg., Portd, Ore., for grading about 1.3462 les of St. Helens National Forest ghway in Columbia National Forest, wlitz County, Wash.

The work involves:

) 10 A clearing;
) 7 A grubbing;
) 60,300 cu. yds. unclassified excavation;
(4) 55,000 sta. yd. overhaul;
(5) 1.3462 mi. finish earth graded road;
(6) 3 A roadside cleanup;
(7) 2 A clear down timber and drift;
(8) 210 c. yds. cement rubble masonry
(9) 120 lin. ft. 24-in. reinforced concrete pipe;
(10) 350 lin. ft. culverts (alternate);
(11) As required obliterate old road.

Specifications and proposal form obtainable from above on deposit of $10.

BIDS REJECTED

TUOLUMNE COUNTY, Calif.—All bids received by State Division of Highways, C. H. Purcell, State Highway Engineer, for treating with liquid asphalt about 21.1 miles in Tuolumne County, between Hump Siding and Sonora Pass, have been rejected and the work will be readvertised. Lambs Transfer Co., 828 Cowles St. Long Beach, at $7,544.60 submitted low bid June 24.

BIDS WANTED

MINERAL COUNTY, Nevada—Until July 24, 3 P. M., bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nev., for surfacing with asphaltic roadmix about 8.48 miles in Mineral County, between 3.3 miles west of Luning and 12.8 miles east of Hawthorne.

The work involves:

(1) 600 tons asphaltic road material Type SC-2;
(2) 56 tons asphaltic road material Type MC-2;
(3) 8.48 miles roadmix;
(4) 8.48 miles finish roadway;
(5) 80 each culvert markers.

Specifications and proposal forms obtainable from above on deposit of $5, of which $2.50 is returnable; on file at the U. S. Bureau of Public Roads, Room 807, Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until July 24, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for treating shoulders with liquid asphalt, about 37.2 miles between King City and San Ardo and between Salinas and Monterey-Santa Cruz County line.

Specifications and proposal forms may be obtained at above address.

BIDS REJECTED

AMADOR and Alpine Counties, Cal.—All bids received by the State Division of Highways, C. H. Purcell, State Highway Engineer, for treating with liquid asphalt about 21.9 mi. in Amador and Alpine Counties, between Cooks Station and Picketts, have been rejected and the work will be readvertised. Lee J. Immel, 1031 Evelyn St., Berkeley, at $7845 submitted the low bid June 25.

CONTRACT AWARDED

SONOMA COUNTY, Calif. — Union Paving Co., 624 Call Bldg., San Francisco, at $59,869.70 awarded contract by State Division of Highways for about 1.2 miles widening and paving with portland cement concrete and asphalt concrete in the city of Santa Rosa, between College Avenue and the south city limits.

CONTRACT AWARDED

STANISLAUS COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $95,324.20 awarded contract by State Division of Highways, for about 4.6 miles grading and placing roadmix surfacing in Stanislaus County between 0.8 miles north of Newman and 0.2 mile south of Crows Landing.

CONTRACT AWARDED

SANTA CRUZ CO., Calif.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $5490 awarded contract by the State Division of Highways for resurfacing with rock asphalt about 0.4 mile in the city of Santa Cruz on Ocean St., between Bryce and Water Sts.

BIDS WANTED

INYO COUNTY, Calif.—Until July 23, 2 P. M., bids will be received by State Division of Highways, S. W.

Lowden, District Engineer, Bishop, for treating with liquid asphalt about 20 miles in Inyo County between 0.5 mile west of Lone Pine and Darwin.

The work involves 360 tons liquid asphalt SC-3.

Specifications and proposal forms may be obtained at above address.

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until July 24, 2:30 P. M., bids will be received by Robert A. Allen, State Highway Engineer, Carson City, Nev., for surfacing with asphaltic roadmix about 12.33 miles in Humboldt County, between Winnemucca and Toll House.

The work involves:

(1) 922 tons asphaltic road material Type SC-2;
(2) 81 tons asphaltic road material Type MC-2;
(3) 12.33 miles roadmix;
(4) 12.33 miles finish roadway;
(5) 146 each culvert markers.

Specifications and proposal forms obtainable from above on deposit of $5, of which $2.50 is returnable; on file at the U. S. Bureau of Public Roads, Room 807 Sheldon Bldg., 461 Market St., San Francisco. *

NOTICE TO BIDDERS

KERN COUNTY, Calif. — A representative of the State Division of Highways from the District Engineer's Office at Fresno will accompany prospective bidders over the proposed project in Kern County, between one mile south of Delano and Delano, road VI-Ker-4-F Del, for which bids are to be received in Sacramento on July 24, 1935.

Said representative will meet prospective bidders at Kern Hotel in Delano on Thursday, July 18, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

MADERA COUNTY, Cal.—A representative of the State Division of Highways from the District Engineer's Office at Fresno will accompany prospective bidders over the proposed project in Madera County, between Coarsegold and Oakhurst, road VI-Mad-125-C,D, for which bids are to be received in Sacramento on July 24.

Said representative will meet prospective bidders at Coarsegold Inn, in Coarsegold, on Friday, July 19, 1935, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

SAN BERNARDINO CO., Calif.—A representative of the State Division of Highways from the District Engineer's Office at San Bernardino will accompany prospective bidders over the proposed project in San Bernardino County, between Alabama Street and State Street in Redlands, road VIII-SBd-26-A,Rld, for which bids are to be received in Los Angeles on July 25, 1935.

Said representative will meet prospective bidders at the railroad crossing on Colton Ave., near Alabama St. in Redlands on Thursday, July 11 and 18, 1935, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

TULARE and Fresno Cos., Calif.—A representative of the State Division of Highways from the District Engineer's Office at Fresno will accompany prospective bidders over the

SONOMA CO. — 1.2 Miles Widen and Pave — (State)

SONOMA COUNTY, Calif. — Union Paving Co., 624 Call Bldg., San Francisco, at $59,869.70 submitted low bid to State Division of Highways, Public Works Bldg., Sacramento, for about 1.2 miles widening and paving with portland cement concrete and asphalt concrete in the city of Santa Rosa., between College Avenue and the south city limits

The work involves:

(1) 11 stations clearing and grubbing right of way;
(2) 13,720 sq. yds. rdwy. excav., unclass.;
(3) 3,070 c.y. creek run gravel base;
(4) 6,460 tons asphalt concrete;
(5) 705 c.y. Class A Portland cement concrete (pave.);
(6) 1,210 each pavement dowels;
(7) 16,000 lbs. bar reinf. steel (struc.)
(8) 165 c.y. Class A Portland cement concrete (struc.);
(9) 550 l.f. removing existing culverts;
(10) 326 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(11) 25,100 sq. yds. asph. paint binde
(12) 585 c.y. concrete removed a disposed of;
(13) 1,400 l.f. removing existing gra ite curbs;
(14) 22 ea. manholes adjusted to gra
(15) 16,500 sq. yds. planing exist pavement;
(16) 124 l.f. 30x5-in. part circle CM 8 gauge;
(17) 144 l.f. do. 12 gauge.

Total bids follow:

(A) Union Paving Co., San Francis $59,869.70.
(B) A. G. Raisch, San Francisc $61,234.50.
(C) Pacific States Const. Co., S. 1 $62,975.20.
(D) Peninsula Paving Co., San Fra cisco, $68,850.00.
(E) Fredrickson & Watson and Fre rickson Bros., Oakland, $70,394.
(F) Heafey-Moore Co., Oakland, $7 152.00.
(G) Hanrahan - Wilcox Corp., S. 1 $77,891.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$150.00	$20.00	$ 3.50	$84.00	$50.00	$100.00	$50.00
(2)	.26	.30	.30	.41	.34	.75	.33
(3)	.75	1.50	1.50	1.50	1.00	1.50	1.75
(4)	4.70	4.70	4.80	5.04	6.00	5.00	5.00
(5)	10.00	8.70	10.50	11.25	11.40	10.00	13.00
(6)	.40	.30	.80	.25	.18	.50	.30
(7)	.05	.047	.06	.055	.05	.05	.07
(8)	15.00	20.00	20.00	20.30	22.50	30.00	27.00
(9)	.50	1.00	.90	.65	.50	3.00	1.40
(10)	13.00	14.00	13.50	16.45	15.00	15.00	20.00
(11)	.03	.02	.02	.02	.02	.02	.02
(12)	3.00	4.00	2.30	3.75	2.50	3.00	3.50
(13)	.25	.20	.30	.20	.30	1.00	.15
(14)	10.00	5.00	10.00	6.50	13.00	20.00	12.00
(15)	.16	.16	.14	.20	.15	.15	.20
(16)	3.00	1.75	2.30	2.40	3.50	5.00	2.60
(17)	4.00	1.25	1.75	1.65	3.50	5.00	2.00

SISKIYOU CO. — 8.2 Miles Grading — (State)

SISKIYOU COUNTY, Calif.—N. M. Ball, 1889 Yosemite Ave., Berkeley, and Larsen Bros., 5200 21st Avenue, Sacramento, at $147,903.32, submitted low bid to State Division of Highways, Public Works Bldg., Sacramento, for about 8.2 miles grading in Siskiyou County between Cougar and four miles northeast of Grass Lake Station.

The work involves:

(1) 42 acres clearing and grubbing highway right of way (inside slope line);
(2) 59 acres clearing highway right of way (outside slope line);
(3) 157,000 c.y. rdwy. excav., unclass.
(4) 881,000 sta. yds. overhaul;
(5) 670 c.y. ditch and channel excavation;
(6) 58,000 c.y. imported borrow;
(7) 720 c.y. struc. excav.;
(8) 435 sta. finishing rdwy.;
(9) 10,800 lbs. bar reinf. steel (struc
(10) 140 c.y. Class A Portland cemen concrete (struc.);
(11) 76 l.f. 12-in. CMP;
(12) 956 l.f. 18-in. CMP;
(13) 108 l.f. 24-in. CMP;
(14) 52 l.f. 30-in. CMP;
(15) 72 l.f. 48-in. CMP;
(16) 54 each monuments complete place.

Total bids follow:

(A) N. M. Ball and Larsen Bro Berkeley, $147,903.32.
(B) Dunn & Baker, Klamath Fall Oregon, $148,542.00.
(C) Bayshore Const. Co., San Fra cisco, $154,248.00.
(D) Peninsula Paving Co., San Fra cisco, $163,081.85.
(E) A. Teichert & Son, Inc., Sacr mento, $181,965.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$150.00	$140.00	$160.00	$115.00	$150.00
(2)	100.00	50.00	50.00	60.00	85.00
(3)	.55	.57	.68	.70	.81
(4)	.015	.01	.006	.011	.01
(5)	1.00	1.00	1.40	.65	1.00
(6)	.40	.50	.36	.40	.37
(7)	1.50	1.20	1.50	1.50	1.50
(8)	7.00	7.00	6.00	7.25	7.50
(9)	.06	.06	.06	.055	.06
(10)	30.00	28.00	25.00	26.00	30.00
(11)	1.50	1.50	1.50	1.40	1.60
(12)	2.00	2.00	2.00	1.80	2.00
(13)	3.00	2.75	3.00	2.75	3.00
(14)	4.00	3.75	4.00	3.30	4.00
(15)	8.00	7.75	8.00	7.40	8.00
(16)	3.00	3.50	3.00	3.50	4.00

proposed project in Tulare and Fresno Counties, between Visalia and Orange Cove and Visalia and Woodlake, road Vi-Tul-Fre-132-B' & A, for which bids are to be received in Sacramento on July 24, 1935.

Said representative will meet prospective bidders at Hotel Johnson, Visalia, on Saturday, July 20, 1935, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

NOTICE TO BIDDERS

KINGS and Tulare Counties, Cal.—A representative of the State Division of Highways from the District Engineer's Office at Fresno will accompany prospective bidders over the proposed project in Kings and Tulare Counties, between one mile east of Corcoran and Tulare and from 4.3 miles west of Lindsay to Lindsay, Rd. Vi-Kin-Tul, for which bids are to be received in Sacramento July 24, 1935.

Said representative will meet prospective bidders at Tulare Hotel, Tulare, on Friday, July 19, 1935, at 10 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

CONTRACT AWARDED

SAN FRANCISCO—Chas. L. Harney, 443 Call Bldg., San Francisco, at $35,284 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 81, for the repaving of street and/or sidewalk openings where the paving has been removed for the San Francisco Water Department, for the fiscal year ending June 30, 1936.

BIDS WANTED

MERCED, Cal.—Until July 15, 8:00 P. M., bids will be received by the Merced City Council, W. T. Clough, City Clerk, City Hall, for furnishing road oil to the city during the calendar year of 1935. Estimated requirements not less than 1200 bbls and not more than 2000 bbls.

Bid forms and specifications available on application to the city engineer.

CONTRACTS AWARDED

STATE OF WASHINGTON.—Contracts for various highway construction projects were awarded by L. V. Murrow, State Director of Highways, Olympia, July 2, as follows:

Yakima County: Grading and surfacing 15.6 miles of State Road 5, Titton Canal intake to Naches river, awarded to Mathieson Const. Co., Sunnyside, $64,604. Other bidders: H. C. Rogers & Rogers Const. Co., Yakima, $67,931, and L. Romano, Seattle, $68,384.

Lewis County: Producing oil rock and bituminous surface on 2.9 miles Mayfield to Klickitat Creek, oil rock and bituminous surface on 3.5 miles Morton to West Fork, surfacing, oil rock and bituminous surface on 29.8 miles Kosmos to Packwood, awarded to Warren Northwest Co., Portland, $40,834. Other bidders: J. C. Compton, McMinnville, Ore., $44,490, and H. P. Dorsey, Bellingham, $54,152.

Klickitat County: Producing oil rock and constructing bituminous surface on 4.1 miles Centerville Junction to Goldendale oil rock and bituminous surface on 19.5 miles Golden dale to Satus Creek, awarded to J. C. Compton, McMinnville, Ore., $43,444. Other bidders: Warren Northwest Co., Portland, $43,891, and Newport Const. Co. and Kern & Kibbe, Portland, $45,042.

Mason, Kitsap and Jefferson Counties: Constructing non-skid seal on 4.2 miles state road 21, Bremerton to

LANDER COUNTY,, NEV.—12.41 Miles Highway—(State)

LANDER COUNTY, Nev. — Dodge Construction, Inc., Fallon, at $68,473.20 (as previously reported) submitted low bid to Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, June 26, and awarded contract for constructing a portion of the State Highway System in Lander County between Austin Cemetery and 12 miles east of Austin, Route 2, Sections D and E.

The work involves:

(1) 40 lin. ft. remove fence;
(2) 413 lin. ft. remove culvert pipe;
(3) 20 each, remove culvert headwalls;
(4) 21,500 cu. yds. roadway excavation;
(5) 67,125 sta. yds. overhaul;
(6) 480 cu. yds. structure excavation;
(7) 2.31 miles subgrade;
(8) 10.10 miles reshape roadway;
(9) 12.41 mi. finish roadway;
(10) 22,500 cu. yds. selected material surface;
(11) 946 tons asphalt road material, Type MC-2;
(12) 12.41 mi. roadmix;
(13) 17 cu. yds. Class B concrete;
(14) 750 lbs. reinforcing steel;
(15) 3006 lin. ft. Redwood curb;
(16) 162 lin. 8-in. C.M.P.;
(17) 696 lin. ft. 12-in. C.M.P.;
(18) 32 lin. ft. C.M.P.;
(19) 172 lin. ft. 18-in. C.M.P.;
(20) 20 lin. ft. 24-in. C.M.P.;
(21) 230 lin. ft. 8-in. perforated underdrain;
(22) 25 cu. yds. gravel backfill;
(23) 212 lin. ft. relay culvert pipe;
(24) 1 each, move pipe culvert headwalls;
(25) 200 lin. ft. metal guard rail;
(26) 8 each, remove and reset monuments;
(27) 3027 lin. ft. stone gutter;
(28) 2570 lbs. castings;
(29) 9 each embankment protectors;
(30) 40 lin. ft. reconstruct fence;
(31) 33 lin. ft. conatruct fence;
(32) 112 each. culvert markers;
(33) 10 each monuments.

Complete bids follow:

(A) Dodge Const., Inc., Fallon, $68,473.20.
(B) Isbell Const. Co., Reno, $69,788.60.
(C) Peninsula Paving Co., Fallon, $72,029.60.
(D) George French, Jr., Stockton, Cal. $74,111.65.
(E) J. A. Casson, Oakland, Cal., $76,044.80.
(F) Union Paving Co., San Francisco $78,710.70.
(G) Engineer's estimate, $84,884.80.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .25	$ .10	$ .60	$ .20	$ .10	$ .05	$ .10
(2)	1.00	1.00	.50	.75	.50	.50	1.00
(3)	7.50	5.00	6.00	7.50	10.00	5.00	5.00
(4)	.35	.42	.36	.50	.40	.30	.35
(5)	.02	.02	.02	.03	.02	.02	.02
(6)	1.50	1.10	1.00	1.25	1.50	1.50	1.00
(7)	100.00	100.00	175.00	100.00	200.00	200.00	100.00
(8)	100.00	150.00	350.00	250.00	100.00	400.00	300.00
(9)	100.00	100.00	100.00	50.00	200.00	100.00	50.00
(10)	.50	.56	.73	.60	.70	.60	.60
(11)	31.50	29.00	30.00	30.00	25.00	40.00	35.50
(12)	600.00	600.00	415.00	600.00	600.00	500.00	750.00
(13)	30.00	35.00	30.00	40.00	30.00	30.00	32.00
(14)	.10	.08	.07	.10	.10	10.	.10
(15)	.50	.65	.50	.60	1.00	.50	.55
(16)	1.50	1.40	1.50	1.50	2.00	1.00	1.25
(17)	2.00	1.85	1.75	1.75	2.50	1.50	.1.50
(18)	2.25	2.15	2.00	2.00	3.00	2.00	1.75
(19)	2.50	2.35	2.25	2.25	3.50	2.50	2.00
(20)	3.00	3.45	3.50	3.00	4.00	3.00	2.75
(21)	1.50	1.40	1.50	1.25	1.00	1.00	1.30
(22)	2.00	6.00	4.00	2.00	5.00	3.00	.80
(23)	1.00	1.00	.75	.75	.50	1.00	1.00
(24)	10.00	10.00	10.00	10.00	10.00	10.00	10.00
(25)	1.50	1.65	1.50	1.50	1.10	3.00	1.00
(26)	2.50	3.50	2.00	2.00	1.00	3.00	3.00
(27)	.40	.40	.40	.40	2.00	.30	.60
(28)	.12	.10	.15	.20	.10	.10	.15
(29)	18.00	15.00	14.00	17.00	50.00	15.00	8.50
(30)	.50	.25	.25	.15	.10	.05	.25
(31)	.50	1.00	.30	.25	.10	.20	.40
(32)	3.00	4.25	2.00	2.50	2.00	2.00	2.00
(33)	3.00	3.50	3.50	3.00	4.00	4.00	4.00

ESMERALDA CO., Nev.—23.2 Mi. Roadmix Surfacing—State

ESMERALDA COUNTY, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $41,527.23 (as previously reported) submitted low bid to State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, June 26, and awarded contract for construction of an asphaltic roadmix surface on a portion of the State Highway System in Esmeralda County, Route 3, Sections D and E, from four miles west of Millers to Coaldale, a length of approximately 23.2 miles.

The work involves:

(1) 1735.21 tons of asphaltic road material, Type SC-2;
(2) 152.69 tons do, Type MC-2;
(3) 23.2 miles roadmix;
(4) 23.2 miles finish roadway;
(5) 196 each, culvert markers.

Complete bids follow:

(A) . B. Lee, San Leandro, Calif., $41,527.23.
(B) Dodge Const., Inc., Fallon, Nev., $42,783.17.
(C) J. A. Casson, Hayward, Cal., $43,763.82.
(D) J. C. Compton, McMinnville, Ore. $43,962.79.
(E) Geo. French, Jr., Stockton, Cal., $44,925.45.
(F) A. Teichert & Sons, Sacramento $48,216.02.
(G) W. W. Clyde & Co., Springville, Utah, $49,559.03.
(H) Engineer's estimate, $45,142.14.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$16.00	$16.50	$17.00	$17.15	$17.80	$18.50	$18.00	$16.50
(2)	23.00	23.50	25.00	26.00	24.80	27.00	25.00	22.00
(3)	400.00	400.00	400.00	400.00	400.00	450.00	500.00	450.00
(4)	25.00	30.00	25.00	20.00	25.00	50.00	100.00	100.00
(5)	2.00	3.00	3.00	2.50	2.00	2.00	3.00	2.00

Chico Creek, bituminous surface on 12.7 miles Keyport Junction to Port Gamble, bituminous surface on 3.9 miles state road 14, Tidewater Creek to Port Orchard, non-skid seal coat on 3.8 miles state road 9, Duckabush north—bituminous surface on 8.6 mi. state road 14, Tidewater Creek to Union river, awarded to Diesel Oil Sales Co., Seattle, $35,359. Other bidders: Warren Northwest Co., Portland, $38,337 ,and H. O. Dorsey, Bellingham, $45,885.

King and Snohomish Counties: Producing oil rock and bituminous surface on 5.6 miles Money Creek to Halford, on 7 miles Index to Goldbar and on .6 of a mile, Sultan Hill. Awarded to Diesel Oil Sales Co., Seattle, $9,-322. Other bidders: E. J. Templeton, Everett, $12,033, and H. O. Dorsey, Bellingham, $12,736.

NOTICE TO BIDDERS

CALIFORNIA STATE—State Highway Engineer C. H. Purcell, has announced the cost of blue prints for the work now advertised, bids to be opened in Sacramento on July 24 and in Los Angeles on July 25, as follows:

II-Mod-Sis-Tule Lake Rd., between 2½ miles SE of Tule Lake and the Oregon State Line; bids opened in Sacramento: PLANS (No. of Sheets) 19; (Cost) $1.90; CROSS-SECTIONS, (No. of Sheets) 75; (Cost) $7.50; (Total) $9.40.

IV-Ala-5-Oak, between 38th Street and Moss Ave., bet. Market Street and Broadway in the City of Oakland; bids opened in Sacramento: PLANS: (No. of Sheets) 15; (Cost) $1.50; CROSS - SECTIONS: (No. of Sheets) 16; (Cost) $1.60; (Total) $3.10.

IV - SC1-68-B, undergrade crossing under the tracks of S. P. Co. 1½ mi. south of Agnew; bids to be opened in Sacramento: PLANS (No. Sheets) 12; (Cost) $1.20; CROSS-SECTIONS: (No. of Sheets) 12; (Cost) $1.20; (Total) $2.40.

VI-Ker-4-F & Dln, between 1 mile south of Delano and Delano; bids opened in Sacramento: PLANS (No. of Sheets) 15; (Cost) $1.50; CROSS-SECTIONS (No. of Sheets) 23; (Cost) $2.-30; (Total) $3.80.

VI - Mad-125-C,D, between Coarsegold and Oakhurst; bids opened in Sacramento: PLANS (No. of sheets) 4; No cross-sections or charges.

VI-Tul-Fre-132-BC, A, between Visalia and Orange Cove; bids opened in Sacramento; No plans or cross-sections.

VI-Kin-Tul-134-A-AB, between one mile east of Corcoran and Tulare and between Lindsay and 4.3 miles west; bids opened in Sacramento; No. plans or cross-sections.

VIII - SBd-26-A and Rld., between Alabama St. and State St. in Redlands; bids opened in Los Angeles: PLANS (No. of sheets) 16; (Cost) $1.60; CROSS - SECTIONS: (No. of sheets) 61; (Cost) $6.10; (Total) $7.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of State Highway Engineer, P. O. Box 1499, Sacramento California.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until August 1, 2 P. M., bids will be received by State Division of Highways, State Bldg., Los Angeles, for grading and applying roadmix surface treatment on about 1.0 mile and constructing reinforced concrete abutments for an undergrade crossing in the city of Colton, between the Santa Ana River and M Street.

The work involves:

(1) 1500 M. gals water;
(2) 290 cu. yds. removing concrete;
(3) 41,000 cu. yds. roadway excavation without class.;
(4) 711,000 sta. yds. overhaul;
(5) 650 cu. yds. struct. excav.;
(6) 45 sta. finishing roadway;
(7) 14 tons liquid asphalt SC-2 prime coat;
(8) 138 tons liquid asphalt SC-2 road mix surface treatment;
(9) 13,300 sq. yds. preparing, mixing, and shaping roadbed road mix surface treatment;
(10) 14 tons liquid asphalt 90-95 seal coat;
(11) 170 tons screenings seal coat;
(12) 63,900 lbs. bar reinf. steel structs.
(13) 693 cu. yds. Class A Portland cement concrete structures;
(14) 190 lin. ft. 18-in. CMP;
(15) 81 cu. yds. Class A Portland cement concrete curbs and sidewalks;
(16) 147 lin. ft. laminated timber guard rail;
(18) 0.5 mile new property fence;
(18) 4 each drive gates;
(19) 208 sq. yds. waterproofing;
(20) 34 each monuments complete in place.

Drawings and specifications available from State Highway Engineer C. H. Purcell, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles and the district in which the work is located. *

CONTRACT AWARDED

SISKIYOU COUNTY, Cal.—Dunn & Baker, Klamath Falls, Ore., at $9975 awarded contract by State Division of Highways for applying Class B seal coat between Mt. Hebron and Dorris, a distance of approximately 13.7 miles in Siskiyou County.

NO BIDS RECEIVED

SHASTA COUNTY, Calif.—No bids were received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for grading and surfacing with road mix surfacing on crusher run base about 0.1 mile in the city of Redding between Court and California streets, approach to the overhead crossing of the Southern Pacific Railroad.

BIDS WANTED

NAVAJO COUNTY, Ariz. — Until July 30, 10:00 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 414 Title & Trust Bldg., Phoenix, Ariz., for grading Section B and placing selected material subgrade reinforcement on Sections A and B of Route 30, the Globe-Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz. The length of the project is 8.125 miles.

Principal items of work include:

(1) 14.5 A clearing;
(2) 7020 cu. yds. unclassified excavation;
(3) 500 cu. yds. unclassified excavation for structures;
(4) 51,000 cu. yds. unclassified excavation for borrow;
(5) 20,500 cu. yds. miles borrow haul;
(6) 21,000 cu. yds. subgrade reinforcement;
(7) 128 cu. yds. Class A concrete;
(8) 13,300 lbs. reinforcing steel;
(9) 128 cu. yds. cement rubble masonry;
(10) 800 lin. ft. corrugated metal pipe;
(11) 12,525 lin. ft. Type 1 protection ditch;
(12) 2 each cattle guards;
(13) 3930 lin. ft. remove existing fence
(14) 350 lin. ft. remove and reset existing fence;
(15) 19,750 lin. ft. fence in place;
(16) 12 each Type 1 gates;
(17) 21 each R/W monuments.

Plans and specifications available from above and from U. S. Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, on deposit of $10. *

BIDS WANTED

LYON COUNTY, Nev.—Until July 20, 10 A. M., bids will be received by Robt. A. Allen, State Highway Engineer, Carson City, for construction of a portion of the State Highway System in Lyon County, from Wabuska to 8½ miles north, a length of 8.54 miles.

The work involves 6100 c.y. crushed stone surfacing.

Plans and specifications issued to prequalified contractors at above office on deposit of $5, of which $2.50 is returnable; on file at office of U. S. Public Roads, 461 Market St., San Francisco.

BIDS REJECTED

SAN LEANDRO, Cal.—All bids received by the San Leandro City Council for furnishing and spreading oil on street surfaces and other public works for the fiscal year ending June 30, 1936, have been rejected.

ELKO CO., NEV.—67.95 Mi. Surfacing (Roadmix)—(State)

ELKO COUNTY, Nev.—C. F. Fredricksen & Sons, Lower Lake, Calif., at $121,751.75 (as previously reported) submitted low bid to Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, June 26, and awarded contract for construction of an asphaltic roadmix surface on a portion of the State Highway System in Elko County, Rte. 13, Section C, from Wells to the Nevada-Idaho State Line, a length of approximately 67.95 miles.

The work involves:

(1) 4927.4 tons asphaltic road material, Type SC-2;
(2) 447.3 tons do, Type MC-2;
(3) 67.92 miles roadmix;
(4) 67.92 miles finish roadway;
(5) 254 each culvert markers;
(6) 385 each, guide posts;
(7) 2470 l.f. metal guard rail.

Total bids follow:

(A) C. F. Fredricksen & Sons, Lower Lake, Calif., $121,751.75.
(B) Geo. French, Jr., Stockton, Cal., $122,357.80.
(C) U. B. Lee San Leandro, Calif., $123,438.30.
(D) J. A. Casson, Oakland, $125,299.15
(E) W. W. Clyde & Co., Springville, Utah, $125,896.37.
(F) J. C. Compton, McMinnville, Ore. $131,748.45.
(G) Hoops Const. Co., Twin Falls, Idaho, $136,302.50.
(H) Olof Nelson, Logan, Utah, $152,-003.40.
(I) Engineer's estimate, $132,435.95.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$16.00	$16.00	$16.00	$16.50	$16.55	$17.00	$17.50	$19.00	$16.50
(2)	24.00	23.00	23.00	23.50	24.00	25.50	25.00	28.00	22.00
(3)	400.00	400.00	400.00	400.00	400.00	450.00	475.00	520.00	450.00
(4)	20.00	25.00	50.00	25.00	35.00	25.00	50.00	100.00	100.00
(5)	2.00	2.00	2.00	3.00	2.50	2.50	1.00	2.00	2.00
(6)	1.75	2.00	2.00	2.00	2.50	2.50	1.00	2.00	1.85
(7)	1.00	1.25	1.00	1.25	1.00	1.10	1.05	1.00	1.10

PLANNED

EL CERRITO, Contra Costa Co., Co.—City Council has ordered plans and specifications for paving with asphalt concrete on Stockton Avenue. City Engineer Harry D. Chapman estimates cost at $10,000.

BIDS WANTED

KLAMATH COUNTY, Ore. — Until July 19, 10 A. M., bids will be received by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for surfacing 12.308 miles on Crater Lake National Park, Rim Road, in Crater Lake National Park, Klamath County, Oregon.

The work involves:

(1) 3,200 c.y. unclass. excav.;
(2) 12.308 miles fine grading subgrade and shoulders;
(3) 27,000 tons crusher run bottom course;
(4) 29,000 tons do, top course;
(5) 21,500 tons supple. crushed rock;
(6) providing and maintaining water plant;
(7) 1000 M. gals. watering;
(8) provide and maintain roller as required;
(9) 150 days operating roller;
(10) 436 c.y. masonry guard rail, Type 2;
(11) 875 c.y. masonry retaining wall;
(12) 3,000 l.f. log guard rail, Type 4a.

Specifications and proposal forms obtainable from above on deposit of $10.00.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until July 22, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third Street, San Bernardino, for treating with liquid asphalt about 7.2 miles between Summit Station and the West Fork of the Mojave River on the Cajon-Lake Arrowhead Road.

The work involves:

(1) 160 tons applying liquid asphalt.

BIDS WANTED

MONO COUNTY, Cal.—Until July 30, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Room 807 Sheldon Bldg., 461 Market Street, San Francisco, for grading Section A, Rte. 1, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County. The length of the project is 6.823 miles.

Principal items of work include:

(1) 27 acres clearing;
(2) 133,400 c.y. unclass. excav.;
(3) 1,700 c.y. do for structures;
(4) 29,600 c.y. do for borrow;
(5) 255,000 sta. yds. overhaul;
(6) 16,200 c.y. miles borrow haul;
(7) 6.812 miles finishing earth graded road;
(8) 167 c.y. concrete;
(9) 20,630 lbs. reinforcing steel;
(10) 307 c.y. cement rubble masonry;
(11) 2,918 l.f. corrugated metal pipe;
(12) 9 each spillway inlets;
(13) 10 each steel gates;
(14) 87 c.y. hand-laid riprap;
(15) 400 l.f. leg guardrail;
(16) 150 l.f. log rail for bridge;
(17) 120 l.f. leg stringers;
(18) 2,650 l.f. protection ditch;
(19) 102 each culvert markers;
(20) 26 each right of way monuments.

Plans and specifications obtainable from the above on deposit of $10.

AWARD APPROVED

LYON COUNTY, Nev.—U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 461 Market Street, San Francisco, approved award of contract to U. B. Lee, 1059 Carpenter St., San Leandro, Cal., at $13,-9.80 by Nevada State Highway Directors for construction of an asphaltic roadmix surface on a portion of the State Highway System in Lyon County, Route 2B, Section B, from Wabuska to a point 8½ miles north, a length of approximately 8.54 miles.

COMPLETE BIDS.

SISKIYOU COUNTY, Calif.—Dunn & Baker, Klamath Falls, Oregon, at $9975 (as previously reported) submitted low bid to State Division of Highways, F. W. Haselwood, District Engineer, Redding, July 2, for application of Class B seal coat between Mt. Hebron and Dorris, a distance of approximately 13.7 miles.

The work involves:

(1) 170 tons liquid asphalt, 90-95;
(2) 2020 tons screenings in place.

Complete bids follow:

(A) Dunn & Baker, Klamath Falls, Oregon, $9,975.
(B) A. Teichert & Son, Sacramento, $12,909.

Unit prices follow:

	(A)	(B)
(1)	$26.00	$29.00
(2)	2.75	3.95

BIDS OPENED

PLUMAS COUNTY, Calif. — C. F. Fredrickson and Sons, Lower Lake, at $22,632.65 submitted low bid to the State Division of Highways, Public Works Bldg., Sacramento, for about 59.4 miles of liquid asphalt treatment in Plumas County between Route 29 and Almanor Dam, and between the south end of Government Section and Route 1; between Keddie and Quincy; between Blairsden and Delleker, and between Quincy and Meadow Valley.

The work requires:

(1) 1,297 tons liquid asph., Type SC-4.

Complete total bids follow:

(A) C. F. Fredricksen & Sons, Lower Lake, $22,632.65.
(B) Tiffany Const. Co., San Jose, $24-383.60.
(C) A. Teichert & Son, Inc., Sacramento, $25,784.36.

Unit prices follow:

	(A)	(B)	(C)
(1)	$17.45	$18.80	$19.88

BIDS WANTED

RIVERSIDE COUNTY, Cal. — Until August 1, 2:00 P. M., bids will be received by State Division of Highways, State Bldg., Los Angeles, for applying seal coat on about 50.1 miles in Riverside County, between Valle Vista and Route 187.

The work involves:

(1) 490 tons asphaltic emulsion 90-95;
(2) 3530 cu. yds. sand.

Specifications available from State Highway Engineer C. H. Purcell, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles and the district in which the work is located.

BIDS OPENED

SAN FRANCISCO. — Following bids received by the Department of Public Works, City Hall, under Spec. No. 18,851 for the improvement of Houston Street between Jones St. and Columbus Ave., involving:

(1) 4,008 sq. ft. 6-in. Class E concrete pavement;
(2) 478 l.f. armored concrete curb;
(3) 2,611 sq. ft. 1-course conc. sidewalk;
(4) 35 l.f. 10-in. Type C conc. coping;
(5) 12 c.y. Class B 2500 lb. concrete in stairway;
(6) 12 c.y. Class D 1800 lb. concrete in walls;
(7) 766 lbs. bar reinforcing steel;
(8) 78 l.f. 3-pipe rail fence with concrete posts;
(9) 35 l.f. wood fence;
(10) 1 brick manhole, complete;
(11) 2 each taper tube lighting standards;
(12) 90 l.f. 1½-in. black conduit NEC standard;
(13) 300 l.f. No. 8 solid single conductor, 600 VR and LC wire, NEC standard;
(14) 2 each concrete bases for lighting standards, complete.

Bidders follow:

(A) Fay Improvement Co., Phelan Building.
(B) Chas. L. Harney, Call Bldg.
(C) M. J. Lynch, Oakdale and Barnevakl Avenues.

The unit prices were:

	(A)	(B)	(C)
(1)	$ .28	$ .29	$ .35
(2)	.75	.90	.90
(3)	.14	.22	.12
(4)	1.50	1.50	1.50
(5)	35.00	53.50	30.00
(6)	15.00	30.00	30.00
(7)	.05	.10	.05
(8)	3.00	4.00	3.50
(9)	1.50	1.65	1.50
(10)	110.00	150.00	90.00
(11)	75.00	125.00	165.00
(12)	.60	2.00	.50
(13)	.15	.60	.40
(14)	15.00	25.00	20.00

Bids referred to the city engineer.

BIDS WANTED

MONO COUNTY, Cal.—Until July 30, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Room 807 Sheldon Bldg., 461 Market Street, San Francisco, for grading Section B of Route 81, the Mammoth Lake National Forest Highway, Inyo National Forest, Mono County. The length of the project is 2.200 miles.

Principal items of work include:

(1) 16 acres clearing;
(2) 40,800 c.y. unclass. excav.;
(3) 650 c.y. do for structures;
(4) 29,000 c.y. do. for borrow;
(5) 22,000 sta. yds. overhaul;
(6) 10,300 c.y. miles borrow haul;
(7) 2.190 miles finishing earth graded road;
(8) 95 c.y. concrete;
(9) 17,900 lbs. reinforcing steel;
(10) 377 c.y. cement rubble masonry;
(11) 916 l.f. corrugated metal pipe;
(12) 1 each spillway inlet;
(13) 1 each steel gates;
(14) 50 c.y. hand-laid riprap;
(15) 500 c.y. hand-laid rock embankment;
(16) 450 l.f. log guardrail;
(17) 135 l.f. log rail for bridge;
(18) 110 l.f. log stringers;
(19) 725 l.f. protection ditch;
(20) 28 each culvert markers;
(21) 4 each right of way monuments.

Plans and specifications obtainable from the above on deposit of $10.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 18, 10 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 414 Title and Trust Bldg., Phoenix, for placing a seal coat on Section H of Route 1, all of Route 10, Grand Canyon National Park, and on Sections A, B, C, D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Ariz. The length of the project is 31.969 miles and it involves major items as follows:

(1) 372 tons applying asphaltic material;
(2) 2,700 c.y. screenings for seal coat.

Plans and specifications obtainable from U. S. Bureau of Public Roads offices at Phoenix and at 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until July 31, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 8.6 miles grading, surfacing with crusher run base, and applying bituminous surface treatment in San Mateo County between Edgemar and Thornton.

The work involves:

(1) 250,000 c.y. rdwy. excav., unclass.
(2) 1,150,000 sta. yds. overhaul;
(3) 5,200 c.y. struc. excav.;
(4) 188 sta. finishing rdwy.;
(5) 15,800 tons crusher run base;
(6) 150 tons asphaltic emulsion;
(7) 2,150 tons screenings;
(8) 120 c.y. Class A Portland cement concrete (structures);
(9) 11,500 lbs. bar reinf. steel (struc.)
(10) 28 MFBM redwood timber select all heart structural grade;
(11) 1,100 l.f. 8-in. CMP;
(12) 2,800 l.f. 10-in. CMP;
(13) 1,500 l.f. 18-in. CMP;
(14) 942 l.f. 24-in. CMP;
(15) 352 l.f. 30-in. CMP;
(16) 250 l.f. 30-in. CMP (at Sta. 223);
(17) 14 l.f. existing CMP culverts removed and salvaged;
(18) 800 l.f. 8-in. perf. metal pipe underdrains;
(19) 430 l.f. 12-in. do;
(20) 330 c.y. rock filling material (underdrains);
(21) 12 each embankment protectors;
(22) 200 each guide posts;
(23) 0.3 mile new property fences;
(24) 0.15 mile special property fences, Type A;
(25) 0.35 mile do, Type B;
(26) 60 each monuments complete in place.

Plans and specifications obtainable from the above office and on file at the offices of the District Engineer in San Francisco and Los Angeles.

COMPLETE BIDS

DOUGLAS COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $7212.84, as previously reported), submitted low bid to State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, Nev., June 26, for construction of an asphaltic roadmix surface on a portion of the State Highway System in Douglas County, Route 37, Section A, California-Nevada State Line to 4 miles south of Minden, a length of approximately 3.86 miles.

The work involves:

(1) 289.3 tons asphaltic road material, Type SC-2;
(2) 25.4 tons asphaltic road material, Type MC-2;
(3) 3.86 miles roadmix;
(4) 3.86 miles finish roadway;
(6) 40 each, culvert markers.

Complete bids follow:

(A) U. B. Lee, San Leandro, Calif., $7212.84.
(B) J. A. Casson, Hayward, Calif., $7989.10.
(C) Engineer's Estimate, $7535.25.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 16.00	$ 17.00	$ 16.50
(2)	22.00	25.00	22.00
(3)	450.00	500.00	450.00
(4)	50.00	100.00	100.00
(5)	2.00	3.00	2.00

COMPLETE BIDS

WHITE PINE COUNTY, Nevada—Dodge Construction, Inc., Fallon, Nevada, at $15,569.45 (as previously reported) submitted low bid to State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, and awarded contract for construction of an asphaltic roadmix surface on a portion of the State Highway System in White Pine County, Route 38, Section B, between Preston Junction and Junction with State Route 4, a length of approximately 7.35 miles.

The work involves:

(1) 491.1 tons asphaltic road material, Type SC-2;
(2) 43.8 tons asphaltic road material, Type MC-2;
(3) 7.35 miles roadmix;
(4) 46 each, culvert markers;
(5) 7.35 miles finish roadway.

Complete bids follow:

(A) Dodge Construction, Inc., Fallon, Nevada, $15,569.45.
(B) J. C. Compton, McMinnville, Ore., $15,858.50.
(C) U. B. Lee, San Leandro, Calif., $16,288.70.
(D) J. A. Casson, Hayward, Calif., $19,242.
(E) Engineer's Estimate, $16,510.70.

	(A)	(B)	(C)	(D)	(E)
(1)	$ 21.50	$20.00	$23.00	$25.00	$22.00
(2)	28.50	30.00	28.00	30.00	27.50
(3)	440.00	600.00	450.00	600.00	500.00
(4)	3.50	2.00	2.00	3.00	2.00
(5)	50.00	30.00	50.00	150.00	100.00

CONTRACT AWARDED

GRAHAM COUNTY, Arizona—Ken Hodgman, 714 Plymouth Road, Pasadena, Calif., at $54,118.71 awarded contract by Arizona State Highway Commission for highway construction on the Safford-Bowie Junction Highway, NRS 115-A (1935). The work, which extends from Safford south for a distance of 6 1/5 miles, consists of grading and draining the roadway, and furnishing and placing aggregate base course.

BIDS WANTED

COCONINO COUNTY, Arizona—Until July 18, 10 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 414 Title & Trust Bldg., Phoenix, Ariz., for placing a seal coat on Sections B and C of Route 4, the Ashfork-Flagstaff-Angell National Forest Highway, Kaibab National Forest, Coconino County, Ariz., involving the following major items:

(1) 180 tons applying asphaltic material;
(2) 1500 cu. yds. applying screenings.

Plans, specifications and proposal forms obtainable from above and at 807 Sheldon Bldg., 461 Market St., San Francisco, on deposit of $10.

BIDS WANTED

WASHINGTON STATE.—Until July 23, 10 A. M., bids will be received at the Office of the Director of Highways L. V. Murrow, Olympia, for highway improvement contracts as follows:

Kittitas County: Paving with portland cement concrete about 8.3 miles of State Road No. 2, Kachess River to Nelson.

Grays Harbor County: Paving with portland cement concrete about 8.1 miles of State Road No. 9, Montesano to Aberdeen.

Pacifio County: Producing mineral aggregate for about 14.2 miles, Palix to Johnson's Landing; surfacing and producing mineral aggregate on about 17.9 miles, Johnson's landing to Grays River; producing mineral aggregate for about 6.6 miles, Bear River to Ilwaco.

Whitman County: Paving with portland cement concrete about 0.16 mile of roadway on State College of Washington Campus at Pullman.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until August 1, 2 P. M., bids will be received by State Division of Highways, State Bldg., Los Angeles, for grading and paving with asphalt concrete about 1.3 miles and constructing a reinforced concrete bridge on steel piles on "I" Street, in the city of Colton.

The work involves:

(1) 23,300 sq. yds. roadway grading;
(2) 1700 cu. yds. rdwy. embankment;
(3) 1860 cu. yds. struct. excav.;
(4) 59 cu. yds. exist. conc. to be removed and disposed of;
(5) 20,000 sq. yds. subgrade for pavement;
(6) 33,100 sq. yds. asphaltic pain binder;
(7) 12,600 tons asphalt concrete;
(8) 105,300 lbs. bar reinforcing steel structures;
(9) 850 cu. yds. Class A Portland cement concrete structures;
(10) 8.5 cu. yds. Class F Portland cement concrete railing;
(11) 1720 lin. ft. furnishing steel piles including test piles;
(12) 68 each driving steel piles including test piles;
(13) 40 lin. ft. 12-in. CMP;
(14) 456 lin. ft. 18-in. CMP;
(15) 198 lin. ft. 24-in. CMP;
(16) 50 lin. ft. 24-in.x6⅝-in. part circle CM culvert;
(17) 136 lin. ft. 30-in.x3⅝-in. part circle CM culvert;
(18) 28 lin. ft. 30-in.x8½-in. part circle CM culvert;
(19) 614 lin. ft. 36-in.x7⅛-in. part circle CM culvert;
(20) 240 cu. yds. Class A Portland cement concrete curbs and steps;
(21) 720 cu. yds. Class A Portland cement concrete walks, gutters and driveways;
(22) 5 each cast steel frames and covers for drop inlets;
(23) 1 lot moving and installing light standards;
(24) 1 only exist. timber footbridge to be removed and disposed of.

Drawings and specifications available from State Highway Engineer C. H. Purcell, Public Works Bldg., Sacramento; on file at the office of the District Engineer in San Francisco and Los Angeles and the district in which the work is located.

BIDS WANTED

PETALUMA, Sonoma Co., Cal.—Until July 15, at 7:30 P. M., bids will be received by City Council at the City Hall, Gladys V. Roberts, City Clerk, for furnishing materials and supplies necessary to improve Main street by widening and paving between Washington street and the Northerly city limit.

Estimated requirements for bidders follow:

(1) 4200 sacks Portland cement (high early strength.)
(2) 882 tons coarse aggregate.
(3) 528 tons fine aggregate.
(4) 1500 lin. ft. galvanized electric conduit, 1½-in.
(5) 4 each part circle corrugated iron culverts complete.

Plans and specifications obtainable from City Clerk at a price of $2.50 per set.

BIDS REJECTED

LEWIS and Pacific Counties, Wash.—All bids received July 2 for grading and surfacing on State Road No. 12 in Lewis and Pacific Counties were rejected by L. V. Murrow, State Director of Highways. The project involved 0.5 mile grading and surfacing McCormick and vicinity, oil rock and macadam on 7.4 miles Beam Road Pluvius, 4.9 miles Pluvius to Franc and 13.8 miles, Frances to Cramer Crossing.

Following bids received:

R. O. Dail and Warren Bros., Aberdeen, Wash., $238,953.

A. Milne, Portland, $240,052.

Homer G. Johnson, Portland, $24[illegible] 677.

COMPLETE BIDS

LYON COUNTY, Nev.—U. B. Lee, 1069 Carpentier St., San Leandro, Cal. at $13,789.80 (as previously reported) submitted low bid to the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City June 26, for construction of an asphaltic roadmix surface on a portion of the State Highway System in Lyon County, Route 2B, Section B, from Wabuska to a point 8.5 miles north, a length of approximately 8.54 miles.

The work involves:
(1) 562.6 tons asphaltic road material, Type SC-2;
(2) 56.3 tons do, Type MC-2;
(3) 8.54 miles roadmix;
(4) 8.54 miles finish roadway;
(5) 56 each, culvert markers.

Total bids follow:
(A) U. B. Lee, San Leandro, Calif., $13,789.80.
(B) J. A. Casson, Oakland, $14,746.00.
(C) A. Teichert & Son, Sacramento, $16,985.28.
(D) Engineer's estimate, $15,330.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1).....	$15.00	$16.50	$19.80	$16.50
(2).....	21.00	22.00	26.00	22.00
(3).....	450.00	450.00	450.00	450.00
(4).....	25.00	25.00	50.00	100.00
(5).....	2.00	3.00	2.00	2.00

Bids held under advisement pending recommendation from U. S. Bureau of Public Roads.

TUOLUMNE COUNTY, Calif.—Until July 25, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Room 807, Sheldon Bldg., San Francisco, for placing bituminous treated crushed gravel base course on Section C1 of Route 4 Tioga Road, Yosemite National Park, Tuolumne County, Calif. The length of the project is approximately 11.613 miles and involves the following major items:
(1) 2,000 c.y. unclass. excav.;
(2) 1,500 c.y. do for structures;
(3) 1,000 c.y. hauling unclass. excav.
(4) 5,000 l.f. 8-in. underdrain pipe;
(5) 1,100 c.y. crushed rock or gravel for backfill;
(6) 1,100 sq. yds. underdrain backfill seal;
(7) 11.613 miles fine grading subgrade and shoulders;
(8) 11,200 c.y. subgrade reinf. ;
(9) 32,600 c.y. miles hauling subgrade reinforcement;
(10) 1,700 M. gals. watering;
(11) 35,500 tons untreated base aggregate;
(12) 21,000 tons bituminous treated base aggregate;
(13) 1,200 tons stone screenings;
(14) 470 tons supplemental base aggregate;
(15) 145 tons liquid asphaltic material, Type MC-2;
(16) 950 tons do, Type MC-4 or MC-5;
(17) 95 tons do, Type RC-2.

Plans and specifications obtainable from above on deposit of $10.00.

BIDS WANTED

CLARK COUNTY, Nev.—Until July 16, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Room 807, Sheldon Bldg., 461 Market St., San Francisco, for placing bituminous treated surfacing (road-mix) on Section A of Route 11 the Mt. Charleston National Forest Highway, Dixie National Forest, Clark County, Nev. The length of the project is 3.661 miles and it involves major items as follows:
(1) 1,500 c.y. unclass. excav.;
(2) 75 c.y. do for structures;
(3) 500 c.y. miles hauling unclassified excavation;
(4) 235 l.f. 8-in. perforated CMP;
(5) 75 c.y. crushed rock or gravel for backfill;
(6) 6,500 c.y. crushed gravel for surface course;
(7) 50 c.y. stockpiling bituminous treated crushed gravel;
(8) 300 tons liquid asphaltic road material, Type MC-2;
(9) 3.661 miles mixing and rolling.

Plans and specifications obtainable from above on deposit of $10.00

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until July 15, at 10:30 A. M., bids will be received by State Division of Highways at the office of District Engineer C. H. Whitmore, Seventh and B streets, Marysville, for 0.4 mile grading and surfacing with crusher run base and applying armor coat in Sacramento County, between one-half mile east of Steamboat Slough and Steamboat Slough.

Bids will be taken as follows:
(1) 2200 cu. yds. roadway excavation without classification;
(2) 900 cu. yds. ditch and channel excavation;
(3) 43 cu. yds. structure excavation;
(4) 6800 sta. yds. overhaul;
(5) 1050 tons crusher run base in place;
(6) 200 tons screenings in place;
(7) 5 tons liquid asphalt Type SC-1A in place;
(8) 10.3 tons liquid asphalt 90-95 in place;
(9) 85 M. gal. water;
(10) 30 lin. ft. 12-in. corrugated metal pipe;
(11) 62 lin. ft. 18-in. corrugated metal pipe;
(12) 21 stations finishing roadway;
(13) 13 monuments.

Specifications obtainable from above office.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 18, 10:00 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 111 Title & Trust Bldg., Phoenix, Ariz., for furnishing approximately 1500 cu. yds. crushed rock screenings for use on Sections B and C of Route 4, the Ashfork-Flagstaff-Angell National Forest Highway, Kaibab National Forest, Coconino County, Arizona.

Specifications and proposal forms obtainable from above and at 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until July 18, at 10:00 A. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing approximately 372 tons asphaltic road material 95+ for use on Section H of Route 1 and all of Route 10, Grand Canyon National Park, and Sections A, B, C, D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Arizona.

Specifications and proposal forms obtainable from above or 414 Title & Trust Bldg., Phoenix, Ariz.

30—RESERVOIRS & DAMS

BID OPENING POSTPONED

BONNEVILLE, Ore.—Until July 17 at 3 P. M. (postponed from July 10) bids will be received by the U. S. District Engineer, 627 Pittock Block, Portland, for furnishing and installing lock-operating equipment for the Bonneville Power-Navigation Project.

Complete list of bid items reported June 20.

CONTEMPLATED

BARSTOW, Cal.—Land owners in the Newberry district, San Bernardino County, have applied to the federal government for information relative to the formation of an irrigation district comprising 60,000 acres with a view toward procuring a loan of $1,275,000 to finance improvements, as follows:

Construction of a reservoir of 1,000,000 gallons capacity.

Drilling of six wells.

Construction of pumping facilities.

Construction of 120 miles of pipeline.

The project has been outlined to Harold Thoreson, director of federal relief and Max Lewis, field director. The plans have also been laid before the county board of supervisors.

BIDS WANTED

ASHTON, Idaho.—Until Aug. 5, 10 A. M., bids will be received by U. S. Bureau of Reclamation, H. A. Parker, Construction Engineer, Ashton, for construction of the Island Park Dam, Upper Snake River Project, under Spec. No. 632. The work is located near Island Park, Idaho.

Principal items of work are:
(1) 112,500 c.y. open cut excavation, common;
(2) 472,000 c.y. excavation from borrow pits, common;
(3) 9,700 c.y. open cut excavation, rock;
(4) 45,100 c.y. excavation from borrow pits, rock;
(5) 7,950 c.y. tunnel and shaft excavation, all classes;
(6) 1,000 c.y. backfill about struc.;
(7) 474,000 c.y. earth fill in embankments;
(8) 33,000 c.y. rock fill on the downstream slope of dam embankment;
(9) 50,800 c.y. riprap on embankments;
(10) 150 c.y. gravel surfacing on road
(11) 25 c.y. porous concrete;
(12) 2,920 c.y. concrete in tunnels, shaft and gate chamber;
(13) 3,510 c.y. concrete in other struc.
(14) 1,500 sq. yds. special finish of concrete surfaces;
(15) 2,500 cu. ft. pressure grouting;
(16) 350,000 lbs. placing reinf. bars;
(17) 5,360 l.f. grout, drainage & weep holes;
(18) 2,090 l.f. constructing clay pipe drains;
(19) 1,500 l.f. installing metal pipe drains;
(20) 70,000 lbs. furnishing and installing steel tunnel liner plates;
(21) 343,200 lbs. installing metal work
(22) 714 l.f. installing electrical metal conduit.

Copies of the standard forms and of the specifications may be obtained from the office of the Bureau at Ashton, Idaho; Denver, Colo., and Washington, D. C. No charge to prospective bidders; to others, $2.00, not returnable.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until August 12, 1 P. M., (previously reported) bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for constructing Cajalco Dam and Dike and appurtenant features of the Cajalco storage reservoir, in accordance with Spec. No. 112

The work is located about 10 miles southwesterly from the city of Riverside, in Riverside County, and due east from Corona. The work to be bid upon comprises the excavation and lining of diversion and outlet tunnels 9 ft. and 14 ft. in diameter and 2,000 and 2,565 ft. in length, respectively; the construction of an earth fill dam with a crest length of 2584 ft. and a maximum height of about 194 ft., and earth-fill dike with a crest

length of 7574 ft., and a maximum height of about 90 ft. and a spillway, outlet tower and bridge supports; and the excavation of an approach channel to the outlet tower. The capacity under the present development will be 100,000 acre-feet

The schedules and items follow:

SCHEDULE NO. 1

Construction of the diversion tunnel and appurtenant works. Tunnel length 2000 ft., diameter 9 ft., lining, monolithic concrete.

(1) 27,500 c.y. excavation in approach cuts;
(2) 9,000 c.y. excav. in tunnel;
(3) 50 c.y. excav. for tunnel enlargement;
(4) 30 tons erecting steel support in tunnel;
(5) 50 M. ft. b.m. furnish and place permanent timbers in tunnel;
(6) 50 c.y. gunite coating of rock in tunnel;
(7) 2100 l.f. drilling grout and drain holes;
(8) 2000 lbs. installing grout and drain pipes and fittings;
(9) 200 c.y. pressure grouting;
(10) 350,000 lbs. placing reinf. steel;
(11) 4400 c.y. concrete in tunnel and portals;
(12) 1500 ton-miles hauling steel;
(13) 10,000 ton-miles hauling cement;

SCHEDULE NO. 2

Construction of the outlet tunnel and appurtenant works. Tunnel length 2565 ft.; diameter 14 ft.; lining ,steel cylinder with concrete backing and inner lining of gunite.

(14) 22,000 c.y. excavating in the approach cut;
(15) 24,000 c.y. excavating in tunnel;
(16) 100 c.y. excavation for tunnel enlargement;
(17) 75 tons erecting steel supports in tunnel;
(18) 80 M. ft. b.m. furnish and place permanent timbers in tunnel;
(19) 75 c.y. gunite coating of rock in tunnel;
(20) 3000 l.f. drilling grout holes;
(21) 2000 lbs. installing grout pipes and fittings;
(22) 150 c.y. pressure grouting;
(23) 1540 l.f. furnish and install ¼-in. plate steel cylinders;
(24) 115 l.f. furnish and install 5/16-inch do;
(25) 270 l.f. furnish and install ⅜-inch do;
(26) 640 l.f. furnish and install 7/16-inch do;
(27) 5000 lbs. placing reinf. steel;
(28) 7600 c.y. concrete in tunnel behind steel cylinder;
(29) 2565 l.f. gunite lining of steel cylinder;
(30) 400 ton-miles hauling steel;
(31) 15,000 ton-miles hauling cement.

SCHEDULE NO. 3

Construction of dam and spillway and appurtenant works.

(32) removing Holmes lower dam, lump sum;
(33) 50,000 c.y. stripping for borrow pits;
(34) 575,000 c.y. earth excav. for dam foundation;
(35) 25,000 c.y. rock excav. for do;
(36) 2000 c.y. excav. for dam cut-off wall-earth;
(37) 2000 c.y. do—rock;
(38) 90,000 c.y. excav. for spillway—earth;
(39) 30,000 c.y. do—rock;
(40) 3000 c.y. excav. for cut-off walls and drain trenches in spillway—earth;
(41) 2000 c.y. do—rock;
(42) 8,000 c.y. excav. for dam toe trench and drainage trenches—earth;
(43) 10,000 c.y. backfill above cut-off wall;
(44) 400,000 c.y. earth fill in embankment, material from required excavation;
(45) 3,000,000 c.y. earth fill in embankment, material from borow pits;
(46) 2,400,000 yard-trips rolling material other than under items 44 and 45 (at ¾c per yard-trip);
(47) 40,000 c.y. rock blanket on dam, material from required excavations;
(48) 10,000 c.y. rock blanket on dam, material from quarries;
(49) 3300 c.y. embankment crest surfacing;
(50) 210 l.f. constructing 6-inch tile drains;
(51) 8000 l.f. constructing 8-in. do;
(52) 3000 l.f. drilling grout holes, to 30 ft. in depth;
(53) 4500 l.f. do more than 30- and to 60-ft. in depth;
(54) 2800 l.f. do more than 60- and to 100-ft. in depth;
(55) 2400 l.f. do more than 100- and to 150-ft. in depth;
(56) 200 l.f. do more than 150- and to 200-ft. in depth;
(57) 60,000 lbs. installing grout pipes and fittings;
(58) 270 c.y. pressure grouting;
(59) 9000 c.y. concrete and cut-off walls for dam and spillway;
(60) 16,000 c.y. concrete paving on dam;
(61) 2050 c.y. concrete spillway lining
(62) 700 c.y. concrete in parapet wall
(63) 100 c.y. concrete in structures;
(64) 100 c.y. concrete in diversion tunnel plug;
(65) 1510 l.f. constructing supports & walkway for sluice pipe;
(66) 75,000 lbs. installing 24-in. sluice pipe in diversion tunnel;
(67) 10,000 lbs. installing valves, cast iron pipe and fittings in sluiceway;
(68) 600 lbs. installing hand railings;
(69) 1800 lbs. installing misc. metal work;
(70) 1510 ft. installing electrical conduit;
(71) installing electrical conductors & apparatus (lump sum);
(72) 2,850,000 lbs. placing reinf. steel in paving slab and spillway;
(73) 150,000 lbs. placing reinf. steel in structures;
(74) 12,000 ton-miles hauling steel;
(75) 50,000 ton-miles hauling cement.

SCHEDULE NO. 4

Construction of Dike and Appurtenant Works.

(76) 25,000 c.y. stripping for borrow pits;
(77) 30,000 c.y. do for dike;
(78) 10,000 c.y. excav. for dike foundation—rock;
(79) 20,000 c.y. do for dike cut-off wall—earth;
(80) 4000 c.y. do—rock;
(81) 5000 c.y. excav. for toe trench and drainage trenches—earth;
(82) 13,000 c.y. backfill above cut-off wall;
(83) 4,000,000 c.y. esrth fill in embankment;
(84) 90,000 c.y. earth blanket from redeposited materials;
(85) 10,000 c.y. earth blanket from borrow pit material;
(86) 53,000 c.y. rock in toe trench, material from required excav.;
(87) 10,000 c.y. rock in toe trench material from quarries;
(88) 6200 c.y. embankment crest surfacing;
(89) 15,000 ft. constructing 8-in. tile drains;
(90) 12,000 c.y. concrete in cut-off wall;
(91) 36,800 c.y. concrete paving on dike;
(92) 2400 c.y. concrete in parapet wall
(93) 200 c.y. concrete in structures;
(94) 5000 lbs. installing misc. metal work;
(95) 6,100,000 lbs. placing reinf. steel in paving slab and cut-off wall;
(96) 375,000 lbs. placing reinf. steel in structures;
(97) 17,000 ton-miles hauling steel;
(98) 70,000 ton-miles hauling cement.

SCHEDULE NO. 5

Construction of the Outlet Tower, Approach Channel and Bridge Supports.

(99) 148,000 c.y. excav. for tower and approach channels above Elevation 1250;
(100) 2500 c.y. do below Elev. 1250, bridge pier and anchor;
(101) 1050 c.y. backfill about struc.;
(102) 2100 c.y. concrete in outlet tower foundation, below Elev. 1250, bridge pier and anchor;
(103) 1010 c.y. concrete in outlet tower superstructure;
(104) 544,000 lbs. installing metal work
(105) 6400 lbs. installing high pressure piping and fittings;
(106) 450 ft. installing electrical conduit;
(107) installing electrical conductor & apparatus (lump sum);
(108) 425,000 lbs. placing reinf. steel;
(109) 2500 ton-miles hauling steel;
(110) 4200 ton-miles hauling cement.

Copies of the specifications may be obtained at the office of the engineering department, Room 1007, 306 West 3rd St., Los Angeles, upon payment of $5 per set, not returnable.

Each bid must be accompanied by a certified or cashier's check in the amount of $300,000, payable to the District. F. E. Weymouth, General Manager and Chief Engineer.

COMPLETE BIDS

BONNEVILLE, Oregon — Columbia Steel Corporation, 2345 Northwest Nicolai Street, Portland, at $1,109,447 submitted apparent low bid to U. S. Engineer Office, 2nd Portland Dist., 627 Pittock Block, under Sched. III, Alternative A (fob bidder's shipping point) for gantry cranes and twenty steel gates for spillway dam at Bonneville. Pacific Car and Foundry Co., White Bldg., Seattle, at $1,203,529 sumitted the low bid under Schedule III, Alternative B, (fob Bonneville).

Low bid for Schedule I, Alternative B (furnishing gantry cranes and lifting beams for Bonneville powerhouse) was submitted by Star Iron & Steel Co., Tacoma, at $96,468.

Low bid for Schedule II, Alternative A, furnishing seven steel intake gates for powerhouse and nine steel draft tube stop-log sections for powerhouse, submitted by Independent Bridge Co., Pittsburgh, Pa., at $133,745, and by Worden-Allen Co., P. O. Box 2057, Milwaukee (Alternative B) at $130,280.

Complete bids follow:

ALTERNATIVE "A": Bidder's price for performing the work, etc., as specified, except that the Government will pay the cost of transporting the equipment and materials which are to be made a part of the completed units from bidder's shipping points to either Bonneville, Ore., or North Bonneville, Wash., shipment to be made on Government bills of lading. The contractor must load and unload materials from cars.

ALTERNATIVE "B": Bidder's price for performing the work, etc., with the understanding that all transportation charges from the factory shipping points to either Bonneville, Ore., or North Bonneville, Wash. are included in said prices and will be paid by the bidder.

SCHEDULE I

Star Iron & Steel Co., Tacoma, (A) $95,261; (B) $96,468.

Harnischfeger Sales Corp., Seattle, (A) $116,650; (B) $124,100.

Columbia Steel Co., Portland, (A) $125,877; (B) $136,884.

Alliance Machine Co., Alliance, O., (A) $133,260; (B) $145,544.

Pacific Car & Foundry Co., Seattle,

(A) $135,288; (B) $ . .

Whiting Corp., Portland, (A) $140,-942; (B) $ . . .

Following are the items to be furnished and erected under Schedule I:

Gantry Cranes for Powerhouse

(1) 1 each furnishing and erecting 30-ton draft tube gantry crane;
(2) 1 each furnishing and erecting 130-ton intake gantry crane;

Lifting Beams for Powerhouse Cranes

(3) 27,000 lbs. structural carbon steel
(4) 2,000 lbs. carbon steel castings;
(5) 3,000 lbs. nickel steel castings;
(6) 2,500 lbs. machine steel;

SCHEDULE II

Worden-Allen Co., Milwaukee, Wis., (A) $ . . ; (B) $130,280.

Independent Bridge Co., Everett Island, Pa., (A) $133,745; (B) $.....

Pacific Car & Foundry Co., Seattle, (A) $137,514; (B) $138,637.

Columbia Steel Co., Portland, (A) $139,265; (B) $149,477.

Virginia Bridge & Iron Works, Roanoke, Va., (A) $144,968; (B) $.....

Whiting Corp., Portland, (A) $.....; (B) $148,775.

Lakeview Bridge & Steel Co., Milwaukee, Wis.: (A) $148,936; (B) $ .....

Pacific Coast Steel Corp., Alameda, Calif., (A) $.....; (B) $150,246.

Moore Dry Dock Co., Oakland: (A) $ . . ; (B) $162,603.

Following are the items to be furnished and erected under Schedule II:

Seven Steel Intake Gates for Powerhouse

(7) 608,000 lbs. struct. carbon steel;
(8) 386,000 lbs. struc. silicon steel;
(9) 64,000 lbs. carbon steel castings;
(10) 1,600 lbs. machine steel;
(11) 600 lbs. cold rolled steel;
(12) 800 lbs. iron castings;
(13) 28,600 lbs. chrome nickel steel;
(14) 56,000 pounds rolled carbon steel wheels;
(15) 2,400 lbs. bronze, except bronze bolts;
(15A) 3,200 lbs. bronze bolts;
(16) 92 wheel assembly roller bearings (160,000 lbs. capacity);
(17) 5,500 lbs. rubber seals;

Nine Steel Draft Tube Stop-Log Sections for Powerhouse

(18) 155,000 lbs. struct. carbon steel;
(19) 224,000 lbs. struc. silicon steel;
(20) 11,000 lbs. carbon steel castings;
(21) 300 lbs. spring steel;
(22) 2,800 lbs. bronze bolts;
(23) 1,600 lbs. rubber seals;

SCHEDULE III

Columbia Steel Co., Portland, (A) $1,109,447; (B) $1,212,884.

Pacific Car & Foundry Co., Seattle, (A) $1,176,859; (B) $1,203,529.

Independent Bridge Co., Everett Island, Pa.: (A) $1,260,940; (B) $.....

Moore Dry Dock Co., Oakland: (A) $ .....; (B) $1,331,971.

Wisconsin Bridge & Iron Works, Milwaukee: (A) $1,272,745; (B) $1,-419,660.

Virginia Bridge & Iron Works, Roanoke, Va.: (A) $1,299,587; (B) $.....

Following are the items to be furnished and erected under Schedule III:

Gantry Cranes for Spillway Dam

(24) 2 each furnishing and erecting all mechanical and electrical apparatus for 350-ton gantry cranes, not including structural steel for bridge frames;
(25) 450,000 lbs. structural carbon steel for two 350-ton gantry cranes;

Twenty Steel Gates for Spillway Dam

(26) 3,877,000 lbs. structural carbon steel;
(27) 6,197,000 lbs. structural silicon steel;
(28) 300,000 lbs. carbon steel castings;
(29) 380,000 lbs. nickel steel castings;
(30) 472,000 lbs. rolled carbon steel wheels;
(31) 68,000 lbs. rolled nickel steel;
(32) 137,000 lbs. chrome nickel steel;
(33) 65,000 lbs. machine steel;
(34) 1,000 lbs. iron castings;
(35) 25,000 lbs. bolt steel, nickel;
(35A) 2,000 lbs. bolt steel, carbon;
(36) 1,200 lb. cold rolled steel;
(37) 2,300 lbs. pipe, galv. wrought iron
(38) 40,000 lbs. phosphor bronze;
(39) 700 lbs. Tobin bronze, except bolts and screws;
(40) 5,300 lbs. Tobin bronze bolts and screws;
(41) 536 wheel assembly roller bearings (210,000 lbs. capacity);
(42) 2,000 ft. BM 6x8-in. White oak timber;
(43) 1,072 each bearing seals;
(44) 23,000 lbs. rubber seals and cushions;
(45) 38 sets Thrustors 600 pound capacity, 6-in. stroke with wiring to and including fixed collector bars.

Under Alternative "A", award may be made separately for each schedule, or for any combination of schedules, or for all schedules as a whole to one bidder; or under Alternative "B", award may be made separately for each schedule, or for any combination of schedules, or for all schedules as a whole to one bidder; or award may be made for two schedules under Alternative "A" and one schedule under Alternative "B" or vice versa. No schedule will be divided in making award.

BIDS WANTED

HANFORD, Cal.—Until July 30, 2 P. M., bids will be received by Board of Directors of Peoples Ditch Co., Roy Frederick, Secretary, First National Bank Bldg., Hanford, for constructing a reinforced concrete weir in Kings River at the head of the company's main canal. The weir will replace a timber structure completed in 1910. It will be 435 feet in length and designed to retain water at a depth of 15 feet if necessary.

Estimated quantities of materials include:

(1) 2000 cu. yds. concrete;
(2) 180,000 lbs. reinforcing steel.

The estimated cost is $50,000. Plans were prepared by H. H. Holley, consulting engineer, Larkin Building, Visalia.

Plans and specifications may be obtained at the office of the People's Ditch Co. on deposit of $5, returnable.

APPROPRIATION RECOMMENDED

LOS ANGELES, Cal.—The Works Allotment Advisory Committee has recommended to the President that $13,869,000 of work-relief funds be allotted to the Los Angeles County flood control program. The allotment covers 14 projects as follows: La Crescenta, $1,491,000; Ballona Creek, $2,820,000; lower Los Angeles river, $555,000; Los Angeles river levees, $1-592,000; Long Beach, $171,000; Alhambra city and Alhambra wash, $1,263,-000; Little Dalton wash, $341,000; Pasadena basin, $1,175,000; Owensmouth channel, $1,175,000; Compton and Los Angeles storm conduit, $1,840,000; Los Angeles Kenter canyon, $495,000; Wilshire Blvd. canyon, $289,000; Glendale and Los Angeles channels, $1,545,000.

SUTTER CO. — Sutter By-Pass Pumping Plants — (Govt.)

SUTTER COUNTY, Cal.—Frederick W. Snook Co., 596 Clay St., San Francisco, at $212,175 (net construction cost) $344,014.18 (including computed demand and energy charge over 20-year period) submitted the apparent low bid to U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, 208 Post Office Bldg., Sacramento, for constructing three drainage pumping plants along the easterly levee of Sutter By-Pass in Sutter County.

Complete bids follow (bidders offering proposals only on Item 4, including Pumping Plants 1, 2 and 3, complete):

(I) Pumping Plants Nos. 1, 2 and 3, complete;

(II) Allowance as trade-in value for all used machinery;

(III) Net bid for Plants Nos. 1, 2 and 3 (I)—(II);

(IV) Demand and energy charges for all three plants over 20-year period computed as set forth in Par. 28 of Specifications;

(V) Bid for plants Nos. 1, 2 and 3 for comparison purposes (I) — (II) — (IV).

	(I)	(II)	(III)	(IV)	(V)
Fred. W. Snook Co., S. F.	$214,175	$2,000	$212,175	$131,839.18	$344,014.18
C. C. Moore Co., S. F.	224,700	2,600	222,100	131,839.18	353,939.18
Youdall Const. Co., S. F.	235,227	2,500	232,727	146,735.00	379,462.00
Scott Co., San Francisco	266,300	2,000	264,300	134,965.00	399,265.00
MacDonald & Kahn, S. F.	328,310	3,500	324,810	153,190.00	478,000.00
Engineer's estimate	310,708	2,700	308,008	.....	392,710.00

The following bidder offered a proposal only on Item 3 (for construction of Pumping Plant No. 3:

(I) Pumping Plant No. 3 complete;

(II) Allowance as trade-in value for the used machinery pertaining to Plant No. 3;

(III) Net bid for Plant No. 3 (I)—(II);

(IV) Demand and energy charges over 20-year period computed as set forth in Par. 28 of specifications;

(V) Bid for Plant No. 3 for comparison purposes (I)—(II)—(IV).

	(I)	(II)	(III)	(IV)	(V)
Sterling Pump Corp. & Pomeroy-Sinnock Co., Stockton (Westinghouse equipment)	$65,710.00	$300	$65,410.00	$22,970.16	$88,380.16
(G-E equipment)	66,180.32	300	65,880.32	26,517.66	92,397.98
Engineer's estimate	48,334.00	275	48,059.00	.....	61,275.25

The proposed pumping plants are for the purpose of pumping into Sutter By-Pass run off water intercepted by the easterly levee of the by-pass when conditions are such that this water will not enter the by-pass by gravity flow.

The work involves:

Pumping Plant No. 1, about 1.5 mi. south and 0.5 miles west of Marcuse Station on the Southern Pacific Railway, or about 14 miles south of Yuba City and 1.5 miles west of the Garden Highway.

(a) Removing existing buildings and temporary pumping and electrical equipment.

(b) Removing existing sump pump unit.

(c) Completing construction of pump house, including foundation for pumps and motors, building being 18-ft. 4-in. wide x 48-ft. long x 23-ft. high (structural steel frame, reinforced concrete walls, reinforced concrete roof with tar and gravel surface).

(d) 1 Traveling crane, hand operated, 8-ton capacity.

(e) Galvanized steel trash racks.

(f) 3 pumping units with a combined capacity of at least 140 cu. ft. per second, under a total dynamic head of 13 ft.

(g) 2 check vlaves in discharge pipes for Pumps No. 1 and No. 2.

(h) 3 cast iron flanged transition sections.

(i) One 10-in. vertical sump pump, direct connected to 220 volt motor, 3 phase, and three transformers of 2200 to 110/220 volts.

(j) 3 transformers, self-cooled, oil immersed, single phase, 11,000 to 2,-200 volt, together with concrete foundation and outside steel switch and bus structure, including lighting arrestors, 11,000 volt fuses, mountings and disconnecting switch and surrounding fence.

(k) Electric switching equipment, conduits and flood lights, wiring and accessories complete about plant.

(l) Electric lighting system about plant and cottage with fixtures and accessories complete.

(m) One operator's cottage of six rooms, including plumbing fixtures, piping, electric wiring, fixtures, and painting complete.

(n) Septic tank with service connections to cottage.

(o) Pressure water system complete including deepening of present well and extending casing; and automatic electric driven water pressure system including all electrical connections, capable of delivering 800 gals. per hour against a pressure of 40 lbs. per sq. in. with 150 gal. pressure tank.

Pumping Plant No. 2, about 1.5 mi. north and 5.5 miles west of Tudor Station on the Southern Pacific Railway, or about 8 miles south and 5 miles west of Yuba City, and 6 miles west of the Garden Highway.

(a) Removing existing buildings and temporary pumps and electrical equipment.

(b) One 10-in. vertical centrifugal sump pump, direct connected to 220 volt, 3 phase induction motor.

(c) Completing construction of pump house, including foundations for pumps and motors, the building being 22-ft. wide x 70-ft. long x 26-ft. high (structural steed frame, reinforced concrete walls, reinforced concrete roof with tar and gravel surface.

(d) One traveling crane, hand operated, 10-ton capacity.

(e) Galvanized steel trash racks.

(f) 5 pumping units with a combined capacity of at least 775 cu. ft. per second, under a total dynamic head of 13 ft. for Pumps No. 1 and No. 2, and 15 ft. for Pumps No. 3 and No. 4 and No. 5.

(g) 5 cast iron flanged transition sections.

(h) 2 motor generator sets and rheostats with combined capacity sufficient for proper excitation of the total installed horsepower of main pump motors. Motors shall be 220 volt, 3 phase, 60 cycle, direct connected to 125 volt D.C. generators.

(i) 3 transformers, self-cooled, oil immersed, single phase, 2200 to 220/110 volts of sufficient capacity to satisfactorily operate motor generator sets, sump pump, primer and lighting system.

(j) 3 transformers 11,000 to 2200 volt, together with concrete foundations, fencing, and outside steel switch and bus structure, including lighting arrestor, lighting fixtures, 11,000 volt fuses and mountings and disconnecting switches.

(k) Electric switching equipment, flood lights, conduits, wiring, and accessories, complete about plant.

(l) Electric lighting system about plant and cottage, with fixtures and accessories complete.

(m) One operator's cottage of six rooms, including plumbing fixtures, piping, electric wiring, lighting fixtures, and painting complete.

(n) Septic tank with service connections to cottage.

(o) Pressure water system complete including deepening of present well and extending casing; and automatic electric driven water pressure system, including all electrical connections, capable of delivering 800 gals. per hour against a pressure of 40 lbs. per sq. in., with 150 gal. pressure tank; water pipes to and about plant and cottage, with drinking fountain and hose bibbs in the pumping plant.

Pumping Plant No. 3, about 2.0 mi. south and 1.5 miles west of Sutter City Station on the Sacramento Northern Railway, and about 0.5 miles south of the Franklin Road.

(a) Removing existing buildings and temporary pumping and electrical equipment.

(b) Construction of sump: (1) Excavation; (2) Concrete work.

(c) Construction of pump house complete, including foundation of timber piles about which shall be driven 24-in. diameter steel cylinders in which a cage of reinforcing steel shall be placed. Floor of plate steel supported by structural steel framing. Structural steel frame for building and transformer platform. Corrugated galvanized iron roofing and siding.

(d) Galvanized steel trash racks.

(e) 4 pumping units with a combined capacity of at least 180 cu. ft. per second under a total dynamis head of 11 feet.

(f) 4 check valves in discharge pipes

(g) 4 flexible couplings bet. pump discharge check valves and welded steel transition.

(h) 4 welded steel transitions from conduit to flexible couplings.

(i) 3 transformers, self-cooled, oil immersed, single phase, 11,000 to 440 volts, and 1½ KW. 440/110 volts, dry type transformer, for lighting purposes, together with steel switch and bus structure, lighting arrestors, fuses and mountings, and 11,000 volt disconnecting switch and surrounding fence.

(j) Electric switching equipment, conduits, wiring and accessories complete about the plant.

(k) Electric lighting system about plant with fixtures and accessories complete.

Trade-in allowance is to be made for the following used equipment:

AT PLANT NO. 1:

(1) one 75-hp. 440 v., 3 phase, 60 cycle, G. E. induction motor, Type I-10-75A-720, Form K 720 rpm No. 108,-642 with starting compensator;

(2) one 15-hp., 440 v., 3 phase, 60 cycle G. E. induction motor, Type I-10-75A-720, Form K 720 rpm., No. 180017 with starting compensator;

(3) one 150-hp., 440 v., 3 phase, 60 cycle G. E. induction motor, Type I-10-150-720, Form K, 695 rpm., No. 1420537 with starting compensator;

(4) two 20-in. Krogh horizontal, belt driven, double suction, centrifugal pumps.

(5) one 24-in. Price do.

AT PLANT NO. 2

(1) one 150-hp., 440 v., 3 phase, 60 cycle, Stanley-G. E. electric induction motor, Type A, 600 rpm., No. 113774, with starting compensator;

(2) three 200 hp., 440 v., 3 phase, 60 cycle, Type SC Westinghouse induction motors, 345 rpm., Serial Nos. 2458486, 2458487, 2458488, with starting compensators;

(3) one 24-in. Price horizontal, belt driven, centrifugal pump;

(4) three 36-in. Byron Jackson Type S direct connected horizontal centrifugal pumps.

AT PLANT NO. 3:

(1) one 75-hp. 440 v., 3 phase, 60 cycle, G. E. induction motor 695 rpm. with starting compensator;

(2) one 30-in. Byron Jackson horizontal, belt driven, double suction centrifugal pump.

31 — PIPE LINES & WELLS

July 9, 1935

BIDS REJECTED

WESTWOOD, Lassen Co., Cal. — All bids received July 1 by Red River Lumber Co., for installing lining in Hydro Flume have been rejected and the work will be done with company's forces. The work involves lining 16,-800 lin. ft. of flume 8 ft. wide; 3 ft. high. Material furnished by company.

Following bids received:

Jack P. Nabor, Westwood, $0.2668 per lin. ft.

M. A. Pappa and Wm. H. Ellis, Westwood, $0.275 per lin. ft.

Jack Gilmore, Westwood, $0.335 per lin. ft.

32—SEWERS & SEWAGE

TO ASK NEW BIDS

SAN MATEO, Cal.—Until July 22, 8:00 P. M., (tentative date) new bids will be received by San Mateo City Council, E. W. Foster, City Clerk, Rm. 6, City Hall, for constructing Unit B, pumping plant and treatment works, of the municipal sewer system.

PWA has denied request of city to reject low bid of H. A. Teget, 133 Princeton St., Ontario, and awarl the contract to W. J. Tobin, second low bidder, at approximately $73,000.

Award on Unit A, outfall sewer system, to W. J. Tobin, 3701 Balfour Ave., Oakland, at $67,772, has been approved by PWA.

Complete bids reported June 19.

New bids for Unit B will be taken under modified specifications to bring cost within fund available. Plans and specifications will be ready for contractors probably Thursday, July 11; deposit $20.

PLANNED

COVINA, Los Angeles Co., Cal.—Preliminary plans for activated sludge type sewage disposal plant and outfall sewer have been prepared by Alva J. Smith, consulting engineer, 810 Boylston St., Pasadena. Federal loan and grant of $136,000 has been made to city to finance construction.

CONTRACT AWARDED

LOS ANGELES, Calif. — Merritt-Chapman & Scott Corp., Box 698, San Pedro, at $528,059 (reinforced concrete pipe alternate) awarded contract by Los Angeles County Sanitation District No. 2, A. K. Warren, chief engineer, for constructing a submerged pipeline for the outfall of the Joint Outfall Sewer at White's Point.

CONTRACT AWARDED

LOS ANGELES, Cal.—Shofner and Gordon, 1831 N Main St., Los Angeles, at $610,467, for Schedule I and $947,664 for Schedule II, and United Concrete Pipe Corp., $1347 W 28th St., Los Angeles, at $440,058 for Schedule III awarded contracts by Los Angeles County Sanitation District No. 2 for constructing the tunnel portion of the Joint Outfall Sewer, extending from the joint sewage disposal plant near Harbor City to the ocean shore line at White's Point, west of San Pedro.

The low bid of Broderick & Gordon, Denver, Colo., and Indio, Calif., on Schedule II was ruled out by a stipulation of the bidder making it contingent upon award of other schedules also.

CONTRACT AWARDED

SAN FRANCISCO. — J. B. Rogers Co., 110 Sutter St., at $793.75 awarded contract by San Francisco Department of Public Works for making test borings for the main tunnel and pipe inlet, Richmond-Sunset Sewage Treatment Plant, under Spec. No. 18,871.

BIDS OPENED

SAN FRANCISCO.—J. G. Grattan, 904 deYoung Bldg., at $618.75 submitted low bid to Department of Public Works, S. J. Hester, Chief Deputy Director, July 5, for making test borings for the main tunnel and pipe inlet, Richmond-Sunset Sewage Treatment Plant, under Spec. No. 18,871.

Complete bids follow:

J. G. Grattan	$618.75
J. B. Rogers Co.	793.75
Sullivan Machinery Co.	918.75

Bids referred to City Engineer John J. Casey.

BIDS WANTED

VANCOUVER, Wash. — Until July 18, 3 P. M., bids will be received by U. S. Engineer Office, First Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for constructing a total of about 5360 feet of pile dikes in Columbia River at six different sites, located one to four miles above Vancouver, Wash.

Drawings and specifications obtainable on application to above.

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until July 17, 2:30 P. M., bids will be received by San Francisco Department of Public Works, 251 City Hall, under Spec No. 18,849 for installing Section B of the Embarcadaro District Extension of the Auxiliary Water Supply System, in Bay St. between Kearny St. and The Embarcadero and in The Embarcadero from foot of Bay St. to Pier 33½. Estimated cost, $14,000

Bids will be taken as follows:

Cast Iron Pipe and Special Castings in Place:

(1) 500 l.f. 14-in. Class H double spigot, lugged;
(2) 40 lin. ft. 14-in. Class H double spigot lugged (under bulkhead wharf);
(3) 35 l.f. 8-inch Class A bell and spigot, lugged;
(4) 2 12-in. gate valves, in place;
(5) 1 8-in. gate valve, in place;
(6) 1 12-in. check valve, with by-pass, in place;
(7) 1 standard h.p. hydrant, in place
(8) 1 standard fire-boat dock manifold, in place;

NOTE: Items 1 to 8, inclusive, cast iron pipe, valves, hydrants, special castings and dock manifold will be furnished by the City.

(9) 7,000 lbs. pig lead, furnished and delivered;
(10) 12,000 lbs. cast steel special castings, furnished and delivered;
(11) 9,000 lbs. cast iron special castings, furnished and delivered;
(12) 3,000 lbs. special cast steel castings, furnished, delivered and placed;
(13) 2,240 lbs. cast iron valve boxes, frames, covers, and dust pans for manhole and valve boxes, furnished and placed;
(14) 18,000 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(15) 2,500 lbs. galv. wrot iron bolts, nuts, and washers, furnished & placed;
(16) 800 lbs. reinforcing steel, furnished and placed;
(17) 25 c.y. Class B concrete, in place
(18) 400 c.y. excavation and backfill;
(19) 1,650 sq. yds. asphalt - concrete pavement (2-6-in.) Class F concrete,
(20) 2 tons asphaltic concrete wearing surface;
(21) 250 sq. ft. concrete pavement (8 inch) Class E concrete;
(22) 16 sq. ft. concrete sidewalk (one course);
(23) 2 c.y. crushed rock, furnished & placed;
(24) 6 galv. steel pipe brackets, furnished and placed;
(25) 8 tons bell and spigot pipe or double spigot pipe, with bolting lugs. in classes C to H inc., and in nominal dia. of 8- to 18-in., inclusive.

NOTE: Items 9 to 25, inclusive, all materials, including pipe, shall be furnished by the contractor.

Drawings and specifications obtainable from City Engineer John J Casey, Room 351, City Hall, upon deposit of $10.00. 33

34 — PARKS AND PLAYGROUNDS

BIDS REJECTED

RENO, Nevada.—Treasury Department rejected all bids for lawn sprinkling system and seeding and planting the grounds at the Reno post office.

BIDS REJECTED

VALLEJO, Solano Co., Cal.—Treasury Department rejected all bids for furnishing and installing sprinkler system at the U. S. Post Office, Vallejo.

SAN FRANCISCO—Embarcadero Sec. "A" Water Supply

SAN FRANCISCO. — Fay Improvement Co., Phelan Bldg., at $23,441.66 submitted low bid to Department of Public Works, City Hall, under Spec. No. 18,350, for installation of Section A of the Embarcadern District Extension to the Auxillary Water Supply System for Fire Protection.

The work is located on Folsom St., between Beale St. and the Embarcadero, and on the Embarcadero between Folsom St. and Pier 22½.

The work involves:

Cast Iron Pipe and Special Castings In Place:

(1) 1880 l.f. 14-in. Class H double spigot, lugegd;
(2) 60 l.f. 14-inch Class H double spigot, lugged (under bulkhead wharf);
(3) 60 l.f. 10-inch Class H double spigot, lugged;
(4) 60 l.f. 8-inch Class H bell and spigot, lugged;
(5) 6 12-in. gate valves, in place;
(6) 1 10-in. do;
(7) 4 8-in. do;
(8) 1 12-in. check valves, with by-pass, in place;
(9) 4 standard h.p. hydrants in place
(10) 1 standard fire boat dock manifold, in place;

Note: Items 1 to 10, inclusive, cast iron pipe, valves, hydrants, and dock manifold, will be furnished by the city.

(11) 28,000 lbs. pig lead, furnished & delivered;
(12) 15,600 lbs. cast steel special castings, furnished and delivered;
(13) 4,000 lbs. cast iron do;
(14) 2,000 lbs. special cast steel castings furnished, delivered and placed;
(15) 6,300 lbs. cast iron valve boxes, frames, covers and dust pans for manhole and valve boxes, furnished and placed;
(16) 66,900 lbs. wrought iron bolts, nuts and washers, furnished & placed;
(17) 1,930 lbs. galvanized wrought iron bolts, nuts and washers, furnished and placed;
(18) 1,660 lbs. reinforcing steel, furnished and placed;
(19) 33 c.y. Class B concrete, in place
(20) 1,400 c.y. excavation and backfill
(21) 2,300 sq. ft. asphalt - concrete pavement (1½-1½-8) Class "F" concrete;
(22) 4,240 sq. ft. basalt rock pavement
(23) 400 sq. ft. asph. concrete wearing surface (2-in. thick);
(24) 64 sq. ft. concrete sidewalk (one course);
(25) 3 c.y. crushed rock, furnished & placed;
(26) 9 galv. steel pipe brackets, furnished and placed;
(27) 1 galv. steel dock manifold bass, furnished and placed;
(28) 10 tons bell and spigot pipe or double spigot pipe, with bolting lugs, in classes C to H inclusive and in nominal dia. of 8- to 18-in. inclusive.

Note: Items 11 to 28, inclusive; all materials, including pipe, shall be furnished by the contractor.

Complete bids follow:

(A) Fay Improvement Co.	$23,441.66
(B) Eaton & Smith	25,938.23
(C) Herman Lawson	28,783.04
(D) Chas. L. Harney	28,795.00
(E) M. J. Lynch	29,848.06
(F) C. C. W. & H. H. Haun	31,758.05

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 3.30	$ 3.50	$ 5.50	$ 6.40	$ 6.00	$ 5.25
(2)	11.17	44.00	35.00	15.00	6.00	20.00
(3)	3.30	4.50	13.00	6.00	2.00	6.00
(4)	2.53	11.25	13.00	6.00	3.50	5.00
(5)	22.00	67.00	84.00	80.00	20.00	30.00
(6)	38.00	45.00	40.00	50.00	20.00	25.00
(7)	22.00	35.00	25.00	40.00	15.00	20.00
(8)	32.00	90.00	40.00	100.00	25.00	30.00
(9)	38.00	100.00	15.00	40.00	30.00	20.00
(10)	70.00	90.00	90.00	600.00	60.00	75.00
(11)	.03	.03	.052	.02	.03	.04
(12)	.18	.18	.05	.18	.18	.16
(13)	.05	.05	.02	.05	.05	.05
(14)	.21	.23	.10	.25	.35	.21
(15)	.06	.055	.05	.05	.05	.05
(16)	.08	.0825	.05	.04	.08	.0825
(17)	.11	.10	.06	.12	.12	.10
(18)	.05	.05	.05	.05	.05	.05
(19)	19.00	18.00	20.00	20.00	40.00	25.00
(20)	1.50	1.00	3.95	1.25	1.90	3.50
(21)	26.00	20.00	.18	.30	.28	.36
(22)	.144	.12	.10	.18	.20	.25
(23)	.10	.07	.10	.07	.10	.11
(24)	.20	.12	.16	.30	.14	.20
(25)	3.00	2.00	1.00	3.00	2.00	5.00
(26)	60.00	46.00	76.00	150.00	75.00	90.00
(27)	275.00	133.00	165.00	350.00	200.00	250.00
(28)	60.00	60.00	40.00	60.00	60.00	50.00

Bids referred to City Engineer John J. Casey and to PWA.

Section 4364, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$52,700,000 S. F. Subway System Proposed

Bids July 29 on Sausalito Yacht Harbor

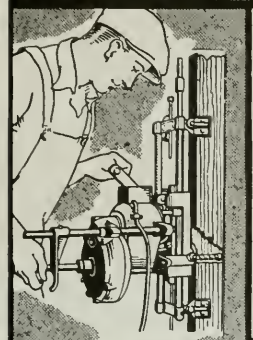
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

LY 20, 1935

Vol. XVIII—No. 29

WAPPAT Electric TOOLS



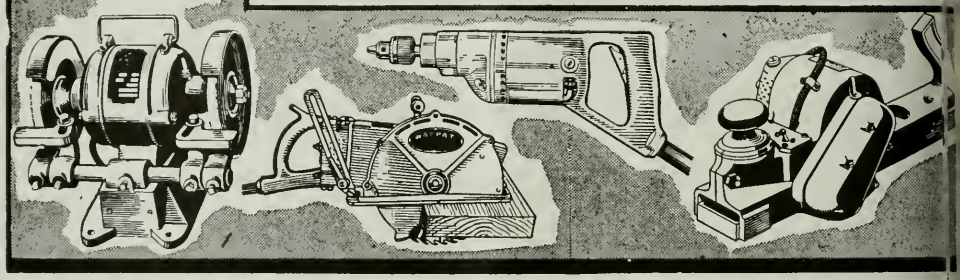
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

ITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

M B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

XVIII SAN FRANCISCO, CALIF., JULY 20, 1935 No. 29

S AUGUST 8 SOUTH STATE)AD CONTRACTS

Proposals for L. A. Pav- g; Additional Oiling Work Advertised

RAMENTO, July 16.—Con- for two southern California ay projects were authorized vertising today by the State ay Commission. Bids on contracts will be opened in ngeles August 8. The proj- re located as follows:

Angeles Co.: Paving with as- concrete about 1.4 miles on t Boulevard between La Ve- rrace and Santa Monica Blvd. vork will require about 5,150 of asphalt concrete.

erside County: Applying seal to shoulders on about 66.7 between Corona and south- oundary and between River- nd Elsinore. The work in- 395 tons of asphaltic emul- nd 2,820 cubic yards of sand. additional contracts under tate's road oiling program h district engineer offices, een advertised, bringing the number of contracts under rogram now out for bids to . Locations of the addition- jects are as follows:

Bernardino County: 18.6 mi coat between Adelanto and 58. Bids open July 29.

County: 13.5 miles asphalt ent between Big Pine and ast end of Cedar Flat. Bids July 30.

Benito County: 13.7 miles lt treatment between San Be- and Willow Creek and be- Route 119 and Pinnacles Na- Monument. Bids open July

e County: 20.1 miles asphalt ent between Middletown and Lake Road. Bids open July

docino County: 67.5 miles of lt treatment between Gual- nd eight miles north of Fort . Bids open July 29.

---

orders for oil burners in 1935, totaled 10,662, reports reau of the Census, as com- with 8,781 in the preceding and 8,381 in May last year.

HOLD BIDDERS TO U. S. ORDER

Until official notice to the contrary is issued, contractors bidding California state highway jobs must include the clause relating to observance of any wage-hour or other Federal legislation affecting government contractors which may be enacted by Congress. Assistant State Highway Engineer George T. McCoy yesterday issued this warning to prospective bidders on contracts being advertised.

While the clause has been reported void by Comptroller-General McCarl, the State Division of Highways has not received any official notice to this effect. Mr. McCoy stated. All proposal forms contain the stipulation and any deletion of it by a contractor will result in his proposal being construed as irregular.

The U. S. Bureau of Public Roads office at San Francisco has advised bidders the clause may be ignored on Forest Highway contracts.

$180,000 Addition To Redwood City Courthouse Planned

San Mateo County Supervisors plan a special election at a date to be set later on a bond issue of $99,000 to finance construction of a new wing for the county court house at Redwood City. The balance of $180,000, estimated cost of the structure, will be sought from PWA.

Proponents of the project believe that the bond issue will receive a favorable vote because of the larger grant possible from the Federal funds. A bond issue for the addition was defeated at an election last year.

According to tentative plans approved by the County Planning Commission the addition will be a three-story structure in the rear of the court house to take care of offices now overcrowded.

OAKLAND SCHOOL RECONSTRUCTION WORK TO START

District Asks Bids On Two Contracts; Plans Ready For Others

Reconstruction of Oakland schools to comply with the state earthquake safety act is being started under a program planned by the school district division of architecture and engineering supervised by Architect W. G. Corlett.

Bids are being advertised for two contracts, one to rehabilitate Webster school at an estimated cost of $45,000, and one for reconstruction of Crocker Highlands school to cost about $17,000. Proposals will be received August 1.

Bids are being taken July 25 also for erecting seven portable buildings to be located on the Oakland High School grounds for temporary housing.

Plans have been completed and contracts are to be advertised shortly for Roosevelt school reconstruction, to which $100,000 is allotted, and for reconstructing the shop building at University High School, estimated at $10,000.

The school district has a grant of PWA funds from the old appropriation toward building costs.

MINES BUREAU PLANS PRODUCTION INDEX

U. S. Bureau of Mines has applied for allotment of $856,946 from work-relief funds to prepare for each state a central reference file of essential information on all metal and non-metallic mines, pits, quarries and treatment plants. The file would include (a) records of past production and present capacity to produce; (b) number of men employed and man-shifts worked; (c) production methods, and such other information as may be desired by the mineral industries; (d) references to published reports on the properties.

The purpose is to provide reliable information for all consumers and producers, engineers and investors and Federal and state administrator.

Consulting Experts Endorse Cahill Plan To Construct $52,700,000 S. F. Subways

Plans for a $52,700,000 subway system for San Francisco, designed ta satisfy the city's rapid-transit needs following completion of the two bay bridges and to allow expansion as the city's growth requires, are embodied in the report of Robert Ridgway and Alfred Brahdy, consulting engineers of New York City, submitted last week to the Public Utilities Commission.

Approximately $3,500.000 has been cut from the construction costs as estimated by Utilities Manager E. G. Cahill in his preliminary report. The saving has been effected chiefly by eliminating the proposed loop at the San Francisco-Oakland Bay Bridge terminal and by rerouting and shortening the Mission Street subway.

Essentially, the Ridgway-Brahdy report recommends the same general plan as that suggested by Mr. Cahill. Three subways, following a Market Street, a Mission Street-Bernal Cut, and a Geary-Montgomery Street route, would carry the rapid-transit traffic, with surface cars and busses acting as feeders to the system.

The subways for the present would handle standard street car equipment of the Municipal Railway on double tracks, with provisions being made for future installation of multiple-unit trains of the type used in New York City and for construtcion when needed of two additional tracks in the Market Street subway.

The Market Street route would run from the Bay Bridge terminal under Fremont Street to Market Street, thence out Market Street to Church Street, where the tracks are to rise to the surface by ramp. By ending the subway at this point the Church Street "J" line, the Twin Peaks "K" and "L" lines and the Sunset "N" line can be connected with the subway by rearranging the surface car tracks, the report points out. The proximity of the Twin Peaks tunnel makes this route in effect, a continuous rapid-transit line from the Bay Bridge terminal to the western part of the city, broken at Church St. to allow connection with car lines to other districts.

The Mission Street-Bernal Cut line will be a two-track subway connecting with the Market Street subway at Van Ness Avenue, extending under Mission Street to the old right-of-way of the Southern Pacific Company near 24th St., continuing under this right-of-way to the neighborhood of Dolores and 27th Streets, where the tracks reach the surface by a ramp. From Dolores and 27th Streets the tracks continue on the surface over the old right-of-way of the Southern Pacific Company and through Bernal Cut to a terminal near Monterey Boulevard.

The Geary-Montgomery Street line will be a two-track subway running under Geary Street from Hamilton Square to Market Street, thence easterly under Market St. to Montgomery St., thence northerly under Montgomery Street to an incline or ramp near Columbus Avenue and Washington Street. At Hamilton Square a ramp will bring the surface tracks of the Geary St. "B" line and California Street "C" line into the subway. At the Columbus Avenue ramp connections are made with the surface tracks on Columbus Avenue. A subway station under Market Street between Geary and Montgomery Sts will permit convenient transfer between all routes of the rapid-transit system.

Cost of construction of the recommended transit system is estimated in the report as follows: Market Street route, $17,900,000; Mission Street-Bernal Cut route, $14,200,000; Geary-Montgomery St. route, $13,600,000; right-of-way to be acquired, $1.000,000; and interest during construction, $6,000,000.

Subway structures will be of structural steel and reinforced concrete and can be built without disturbing the normal surface traffic of the street or interfering with access to abutting buildings, according to the engineers' report.

Existing street pavement will be removed and replaced by heavy plank decking, under which all excavating and construction work will be carried on. The decking will be supported to a plane below the bottom of the subway excavation and will remain in place until construtcion work is completed. Water pipes, electric light and power wires, telephone cables and sewers will be supported from the decking structure during excavation, so that such essential services will not be interrupted. Underground gas mains will be temporarily replaced by pipes above the street surface in order to insure maximum safety during construction. Street car tracks, lamp posts, fire alarm boxes, traffic signals and all other surface structure will be supported on the decking at their present location. Upon completion of the underground work a new pavement will be laid on the street surface.

Stations are to be so located as to insure the most advantageous operation and to serve the convenience of the greatest number of passengers. Stations are to be roomy, with plain platforms of sufficient width so that when multiple-unit trains are operated in the subway there will be no crowding.

The report recommends that downtown stations of the Market Street route be built with mezzanines above the trackways and platforms, providing direct access from either side of Market Street and from the intersection cross streets to both in and out train platforms.

Subways will be waterpr e provided to maintain sanserved by automatic pumps ilways, and a drainage sysport stations, chiefly at ramps ome water will enter them. tary conditions.

NEVADA INVITE BIDS ON THRE SURFACING JOB

Allen Orders Contracts A tised For Opening at C son July 24

Bids on three highway sur contracts will be opened J in Carson City by Robert A. Nevada State Highway En The projects are located a lows:

Mineral and Esmeralda ties: Asphalt roadmix surfac about 34.6 miles between th ifornia-Nevada state line and dale. The work will requi proximately 2,800 tons of asp road material.

Mineral County: Asphalt mix surfacing on about 8.5 between 3.3 miles west of and 12.8 miles east of Hawt Approximately 656 tons of a tic road material will be re

Humboldt County: Approx ly 12.3 miles of asphalt ro surfacing bet. Winnemucca Toll House. The work in about 1.003 tons of asphalti material.

Bids on another surfacing ect will be opened by the Highway Engineer July 20. work is located in Lyon and involves 6,100 cubic ya crushed stone surfacing over tance of about 8.5 miles north Wabuska.

PUBLISH GYPSUM BOARD BULL

An illustrated booklet desc Gypsum Board is a recent cation of the Gypsum Assoc 211 West Wacker Drive, Ch Sections of the booklet are ed to the fire-resistance of gy methods of application, its buildings of the Century of ress Exposition, gypsum lat plaster and a new type of g insulating board using alu foil. Copies of the booklet m obtained without charge fro Association.

COALINGA ADOPTS ELECTRICAL C

An ordinance creating the of electrical inspector and ing a code for installation o tric wiring and fixtures has adopted by the Coalinga City cil. It will become effective month.

:HT HARBOR BIDS CALLED FOR JULY 29

Loan Finances $350,000 Construction At Sausalito

for construction of the $350-olden Gate yacht harbor at lto will be opened July 29. announced by Albert von Verth, president, following pproval by the Federal Pub-orks Administration of plans ancing the project.

yacht harbor will be locat-alter Cove at Sausalito, and commodate about 300 boats. roject includes construction ldings, piers, bulkheads, dol-a marine railway, founda-and dredging and filling.

work will be let under two cts, for construction of the igs and for the balance of oject.

harbor work includes con-on of a pier about 1,000 feet gth, with concrete deck sup-on timber piling; a 1,600 harf with timber deck sup-on treated timber piling; et of steel sheet pile bulk-a marine railway of 350-ton ty; a total of about 24,000 yards dredging; 36,000 cubic dry fill in the area behind ulkhead; 64,000 square feet halt pavement, and 4,200 sq. cement pavement.

dings to be erected include two-story frame and stucco tres to house stores, shops, storage space, locker rooms ffices, and a small fireproof ng for a paint shop.

ns were prepared by Angus McSweeney of W... & Company. Plans and speci-ns are on file at the office of n Gate Yacht Harbor, Ltd., ills Building, San Francisco.

ATIONAL BUREAU AIDS HANDICAPPED

Bureau of Vocational Re-tation, a division of the State tment of Education, advises. and places civilians who may cationally handicapped as the of injury, disease, or from nital causes, according to A. opley of the Bureau's San isco office.

Bureau's only requirements iat the applicant for rehabili-In addition to having a vo-al handicap must be of sound and over the age of 16 years. er information about the Bu-and its work may be obtain-om Mr. Hopley at 302 State ng, Sa Francisco.

v orders for steel business ure aggregated $1,236,665 in as compared with $1,038,575 ay last year and $544,383 in 1933, according to the Bureau Census.

WPA DIVISION HEADS NAMED

McLaughlin Appointing Directors To Supervise Program

Appointment of nine acting district directors and of a director of the division of labor management for the California Works Progress Administration has been announced by Frank Y. McLaughlin, administrator.

Will J. French, former director of the State Department of Industrial Relations, will serve as director of the division of labor management. His chief duty will be co-ordination of the work of the national and state employment service agencies, the SERA and the WPA in taking able-bodied workers from relief rolls and finding jobs for them, either in private industry or in the new works program.

District directors will supervise the WPA program in their areas and also will make preliminary check and recommendation upon projects submitted by local sponsors. District directors appointed by Mr. McLaughlin are:

District 1. Headquarters, Redding; Ira C. Boss, incumbent SERA area director for Shasta, Trinity, and Siskiyou Counties.

District 2. Headquarters, Sacramento; Gene Kenyon, incumbent SERA field representative in Sacramento Valley counties.

District 5. Headquarters, San Bernardino; Ralph B. Smith, former SERA administrative assistant and more recently an FERA regional examiner.

District 6. Headquarters, Santa Rosa; F. M. Holley, incumbent S E R A field representative for the North Coastal, Sonoma, Napa, and Marin counties.

District 7. San Francisco; J. B. Porter, incumbent San Francisco ERA director.

District 8. Headquarters, Alameda; Walter P. Koetitz, civil engineer and former Alameda City Manager.

District 10. Headquarters, San Luis Obispo; Colonel H. A. Beaton, Jr., member of Surgeon General's staff during World War, authority on housing and feeding and indigent care in Los Angeles County Charities Department.

District 12. Headquarters, San Diego; George White, resident of Solano Beach, San Diego County, and widely known as a construction executives in Southern California.

Appointments still to be made include Dist. 3, embracing Northern San Joaquin and adjacent mountain counties; District 4, covering Southern San Joaquin Valley and contiguous counties, and District 9, including San Mateo, Santa Clara and Santa Cruz Counties.

LODI TO VOTE ON MUNICIPAL POWER PLANT

City Plans Ballot Sept. 12 For Bonds To Develop $600,000 Project

Lodi City Council has ordered another vote on a proposed bond issue to finance a hydro-electric power plant on the Mokelumne river and a diesel stand-by plant in the city. The bond issue will be for $466,000, which will be supplemented by a PWA grant of the balance of the estimated $600,000 cost.

The project includes construction of a dam, power plant, and stand-by and transmission line. The physical plant cost is estimated at $435,180. Other expenses include cost of the dam site, now under option, engineering and legal fees and interest during construction.

Tthe city has received a figure of $84,531 for furnishing and erecting diesel stand-by equipment; $117,349 for generators and transformers, and $26,642 for transmission system materials.

A previous proposal to issue bonds for the project was defeated last year. The new election will be held September 12.

ASSOCIATION ISSUES HOME DESIGN BOOK

"Twenty-two Low Cost Concrete Homes," is the title of a booklet published by the Portland Cement Association. It suggests 22 new designs for all types of small concrete masonry homes.

Modern and formal styles are included for cottage, bungalow and two-story dwellings 4 to 6 rooms in size. Floor arrangement and front elevation sketch illustrate each design description. To further illustrate the type of homes anticipated by the plan suggestions, the booklet includes a seven-page pictorial section showing recently built concrete masonry homes; concrete for home interiors; and concrete for garden and landscape use. The various finishes for masonry homes are described on two pages, one devoted to portland cement stucco, and another to concrete ashlar wall patterns.

DEVELOP NEW BENDING SYSTEM FOR CONDUIT

A simplified bending system to facilitate the handling of the electrical metallic tubing known as "Electrunite Steeltubes" conduit has been developed by Steel and Tubes, Inc., a subsidiary of Republic Steel Corporation. The bending system, which utilizes hand pipe benders, is described on a copyrighted shipping tag which may be obtained from Steel and Tubes, Inc., 224 East 131st St., Cleveland, Ohio.

WILDER TELLS NEW RULES FOR PWA PROJECTS

Local Authorities to Determine Wages; Eight-Hour Day Approved

A. D. Wilder, acting state director of PWA for California, yesterday announced regulations which will govern PWA's participation in the four-billion-dollar public works program under the Emergency Relief Appropriation Act of 1935. Mr. Wilder attended a series of conferences in Washington which were addressed by President Roosevelt, Harold L. Ickes, public works administrator, Harry L. Hopkins, works progress administrator, and Frank C. Walker, director of the national emergency council.

The new procedure governing PWA projects provides for examination of applications in the states, a simpler form of contract consisting of an offer by the Government and acceptance by the applicant, advance payments of a portion of the 45 per cent grant, predetermination of minimum wage rates, in accordance with customary local rates and other changes adopted as a result of experience gained by PWA in the past two years.

Important is the regulation covering wage rates which takes the place of the PWA 3-zone minimum scale which has been in effect. The primary responsibility of fixing wage rates on PWA projects under the new program rests with the borrower or recipient of a grant. The new rates for labor on public works projects, which the President exempted from the WPA rates recently promulgated, are to be determined as follows:

"Minimum or other wage rates required to be predetermined by state law or local ordinance therewith, shall be predetermined in accordance therewith, and incorporated in the appropriate contract documents. In the absence of applicable law or ordinance the applicant shall predetermine minimum wage rates, in accordance with customary local rates, for all the trades and occupations to be employed on the project, and submit such rates to the state director for approval before incorporating them in the appropriate contract documents.

"If, in the opinion of the state director, work of any specific type has generally been done under union condition in the political subdivision in which the project is to be constructed, the tate director may disapproved, the state director may disapprove work, other than a rate predetermined under law or ordinance, if it is less than the present prevailing union rate."

Workers will be obtained thru the United States Employment Service. Preference in employment shall be given to persons from the public relief rolls, and, except with the specific authorization of the WPA, at least 90 per cent of the persons employed on any project shall be taken from relief rolls The contractor, however, may continue to bring supervisory and administrative employes and key men on the job, as at present, provided their number does not exceed ten per cent of the total number employed.

The contractor may dismiss any employe not qualified to perform the work for which he has been referred.

The rules and regulations protect the right of employes to organize and bargain collectively through representatives of their own choosing. No employe and no one seeking employment shall be required as a condition of employment to join any company union or to refrain from joining, organizing or assisting a labor organization of his own choosing.

The rules prescribe that except in emergencies the maximum hours of manual work on PWA projects shall be eight hours per day and 130 hours per month. In some cases a 40-hour week will be permitted.

Wherever practicable, double shifts of labor will be employed in order to speed construction and spread employment.

Unless otherwise provided by law, claims or disputes pertaining to the classification of labor under the construction contract shall be determined by the applicant, subject to final review by the state director whose decision shall be binding.

All employes shall be paid in full at least once each week. All pay rolls shall be sworn to in accordance with reguations issued jointly by the Secretary of the Interior and the Secretary of the Treasury pursuant to the so-called "kickback" statute.

Wage scales are to be posted conspicuously at the site of the project.

The new regulations provide that any time after acceptance by the applicant of an offer by the Government to aid in financing a PWA project, the applicant may request an advance payment on account of the grant of not exceeding 15 per cent of the previously approved estimated cost of the project.

This advance grant may be used for paying architectural, engineering, planning and legal fees, costs of surveys, borings and other preliminary investigations, costs of preparation of plans, specifications and other forms of proposed contract documents, the costs of advertisements for bids for contracts and the printing of bonds, but not in payment of the acquisition of lands, easements, or rights-of-way.

S. F. Utilities Commission PWA Contracts Total $5,547,000 In Last Fiscal Year

Contracts aggregating $5,547,304 were let under the San Francisco Public Utilities Commission's PWA program during the fiscal year ended June 30, bringing the total amount of PWA contracts awarded to date to $7,919,711, according to the annual report of Utilities Manager E. G. Cahill.

Non-PWA contracts totaling $1,845,425 were awarded during the fiscal year just ended, Mr. Cahill reported. Of this amount $300,000 is the amount estimated for street lighting, leaving the total of other non-PWA contracts at $1,545,425.

Twenty-eight contracts amounting to $1,208,224 were completed during the past fiscal year, the report shows. Following is a summary of contracts completed during the year:

Plants and Structures	$ [illegible],71[illegible]
Pipe Lines	[illegible],940
Levees	[illegible],09[illegible]
Riprapping Dams	[illegible],940
Power Lines	[illegible],653
Ornamental St. Lighting Sys.	[illegible],78[illegible]
Fences	[illegible],12[illegible]
Railway Tracks	[illegible],996
Total	$1,[illegible],22[illegible]

Twenty-six contracts aggregating $7,919,711 had been awarded under the Commission's PWA program to July 1. A summary of the contracts follows:

6 and 8-in. Cast Iron Mains	$ 2,[illegible]35
12 & 16-in. C. I. Feeder Mains	1,537
30, 36, 44 & 54-in. Steel Pipe Lines	5,999
Bay Crossing Pipe Line No. 2	3,2[illegible],026
Reservoirs	[illegible]25
Dams	3,2[illegible]965
Levees and Fills	2,930
Tunnels	2,104
Total	$7,9[illegible],711

CALIFORNIA MINING JOURNAL PUBLISHED

The January quarterly chapter of the California Journal of Mines and Geology, which is the State Mineralogist's Report XXXI, has just been issued by the State Division of Mines. The Journal contains reports on current mining activities, a review of a geological investigation of the clays of Riverside and Orange counties, and a special article containing information on mining loans by the Reconstruction Finance Corporation.

Copies may be obtained from offices of the Division of Mines at San Francisco, Sacramento, Redding and Los Angeles at 40 cents each plus 10 cents mailing charges.

BERKELEY GRANT CUT TO $91,[illegible]00

PWA grant of $288,000 allotted to Berkeley for school reconstruction has been reduced to $9[illegible]00 due to revised plans of the district. The reduced allotment will be used in reconstructing the junior high school gymnasium. The walls are to be replaced with reinforced concrete and floors and roof will be strengthened.

Text of President's Order Segregating PWA and WPA Projects in Work Program

The following statement approved by the President and signed by Harold L. Ickes, Federal emergency administrator of public works; Harry L. Hopkins, works progress administrator, and Frank C. Walker, executive director of the National Emergency Council, was issued at Washington, July 3:

STATEMENT

Defining types of applications to be considered by Federal Emergency Administration of Public Works and Works Progress Administration.

PART I

In order to assure the expeditious and orderly handling of the great number of applications of states, territories, possessions, including subdivisions and agencies thereof, municipalities, the District of Columbia, and public bodies, now being submitted under the Emergency Relief Appropriation Act of 1935, and in order to further the development of a balanced program of sound projects which will take a maximum number of workers off the relief rolls, it is desirable to define what types of projects shall be within the jurisdiction of the Federal Emergency Administration of Public Works and what types of projects shall be within the jurisdiction of the Works Progress Administration.

PART II

Applications shall be submitted to the FEDERAL EMERGENCY ADMINISTRATION OF PUBLIC WORKS for:

(1) **Works Projects:** Construction projects (other than repair, maintenance projects, and other projects directed in this statement to be submitted to the Works Progress Administration) where the aggregate cost upon completion is estimated to be more than $25,000.

Examples of such projects are: Airport buildings, armories, almshouses, auditoriums, bulkheads, canals, docks, dormitories, schools and university buildings, electric heat, light, and power plants and distribution systems, gas plants and distribution systems, jetties, piers, wharves, highways, bridges, tunnels, subways, viaducts, hospitals, dispensaries, sanitariums, markets, warehouses, city and town halls, courthouses, fire and police stations, jails, libraries, sanitary sewer systems, drainage improvements, garbage and rubbish disposal plants, public buildings, sewer disposal plants, storm sewer systems, terminals, water supply and distribution systems, filtration plant, and other similar projects.

(2) **Slum Clearance and Low-Cost Housing Projects:** Projects of a type heretofore carried on by the Housing Division of the Federal Emergency Administration of Public Works.

PART III

Applications shall be submitted to the WORKS PROGRESS ADMINISTRATION for:

(1) **Non-Construction Projects:** Projects of a type designed to assure maximum employment principally to professional, clerical and white collar classes.

(2) **Small Works Projects:** Projects of any type where the aggregate cost upon completion is estimated to be $25,000 or less.

(3) **Other Works Projects:** All other projects regardless of cost, except those referred to in Part II above.

Examples of such projects are: Recreational facilities, parks, playgrounds, small dams, ditches, street repairs, demolition, malaria control pest extermination, airports, sidewalks, gutters and curbs, levee work, landscaping, grading, farm to market roads, reservoirs, swimming pools and similar projects.

PART IV

Applications rejected by the Federal Emergency Administration of Public Works shall be submitted immediately to the Works Progress Administration.

PART V

All applications for loans shall be submitted to the Federal Emergency Administration of Public Works.

PART VI

This statement shall not govern applications involving projects falling within the jurisdiction of any other Federal agency.

RECORD PREMIUM FOR CITY BONDS

Bonds of the city of Salinas to finance property acquisition for the grade separation project to be constructed at the north city limits sold at an interest rate reported record low for a California municipality. The issue was for $140,000. The net interest to the city will be $54,065. The highest bid was received from the Monterey County Trust and Savings Bank on a bidder's optional proposal setting the interest rate at 4% for $45,000 of the issue and 2½% for the balance. Twelve bids were received, indicating the ready market existing for California municipal issues. The favorable situation for financing local public works at low cost probably is unparalled in the state's history.

Shipments of deep well water systems valued at $467,218 were reported to the Bureau of the Census during the first five months of 1935, as compared with $335,058 during the corresponding period last year.

SECOND SPAN CABLE CATWALK TO BE RAISED

Contractor Checks Strand Sag Preparatory To Further Spinning

With four strands completed in in each of the cables of the western half of the suspension sector of the San Francisco-Oakland Bay Bridge, preparations are now under way for raising the catwalk ropes for the eastern sector from the center anchorage to the island, according to the weekly progress report of Chief Engineer C. H. Purcell to be filed with State Director of Public Works Earl Lee Kelly today.

Several days have been spent adjusting to correct elevation the four strands completed on the south catwalk. Since the sags of the completed cable depend upon the correct adjustment of these first four strands, a high degree of precision is required in the position of the wire already spun.

Night and day crews of Columbia Steel Company men, supervised by State bridge engineers, spent last week checking the height of the cable wires and correcting those out of position by seizing those wires out of adjustment and slipping them into position by mechanical leverage devices.

Spinning of the next four strands on the south walk will be started tomorrow, while the adjustment of the four strands on the north walk will occupy the ensuing week.

San Francisco

The curved, tentacle-like "on' ramp which will terminate at Harrison and Fremont Streets, and which is being built by the Healy-Tibbitts Construction Company, is now thirty percent complete, with foundations, columns, and girders in construction.

On the main ramp proceeding toward Fifth Street, girders for the viaduct construction have been poured for a length of 140 feet east of the cellular structure.

Yerba Buena Island

Both 20-foot sections of the roof of the Yerba Buena Island tunnel, together with four other sections, making a total of 120 feet of concrete roofing, have now been completed by Clinton Construction Co.

A total of 135 of the huge steel I-beams which form arch supports for the roof have been placed.

East Bay Superstructure

The west anchor arm is now 90 per cent completed, its highest point rising to 388 ft. above water.

Tower E-2 was erected last week by the Columbia Steel Company at the eastern extremity of the island, and the next operation will be the cantilevering of the 400-foot cantilever arm easterly from Tower E-2.

Span E-4, the fifth and last of the 508-foot through truss spans, is now 95 per cent complete.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
686	Heerdt	Owner	1000
687	Stoneson	Owner	3000
688	Stoneson	Owner	3000
689	Bull	Stolte	6500
690	Alpine	Salomon	2300
691	Lombardi	Owner	1500
692	Anderson	Owner	4000
693	Anderson	Owner	4000
694	San Francisco	Owner	7000
695	Carew	Jacke	2000
696	Cordell	Vigen	2500
697	Peterson	Peterson	3000
698	Catharios	Owner	1000
699	The Stag	Brumfield	1988
700	Chen	Yick	1000
701	Calson	Andersen	1000
702	Christensen	Owner	4000
703	Doelger	Owner	4000
704	Levin	Coburn	6000
705	Devincenzi	Owner	3000
706	Salvation	Lindgren	50000

SHOP BLDG.
(686) SW HUDSON AND EARL STS. One-story frame shop building.
Owner — W. J. Heerdt, 1222 Mission St., San Francisco.
Architect—Not Given. $1000

DWELLING
(687) E CAYUGA 46 S Sceneca Ave. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(688) S SENECA AVE. 54 E Cayuga. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(689) NO. 2518 UNION ST. Alter dwelling.
Owner—Dr. Bull, Premises.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor—F. C. Stolte Co., 3455 Laguna St., San Francisco. $6500

REPAIRS
(690) NO. 2502 SUTTER ST. Repair fire damage to flats.
Owner, — Alpine Realty Co., % Contractor.
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick St., S. F. $2300

ALTERATIONS
(691) NO. 19 SONOMA ST. Alter flats.
Owner—L. Lombardi, 425 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $1500

DWELLING
(692) E FIFTEENTH AVE. 150 N Wawona St. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(693) E FIFTEENTH AVE. 175 N Wawona St. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 7th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(694) 1671 ELLIS ST.; alter theatre.
Owner—San Francisco Bank (agent), 526 California Street.
Architect—Wm. I. Garren, 233 Post Street. $7,000

ALTERATIONS
(695) NE GOLDEN GATE and Masonic Avenues; alter mortuary.
Owner—Jerome A. Carew, % contractor.
Architect—C. G. Lundgren, 1469 Willard Street.
Contractor—Jacks & Irvine, 620 Market Street. $2,000

DWELLING
(696) W FORTY-FIFTH AVE. 125 S Lincoln Way. One-story frame dwelling.
Owner—A. O. Cordell, % Contractor.
Architect—Not Given.
Contractor — Elias Vigen, 1346 40th Ave., San Francisco. $2500

DWELLING
(697) S TWENTY-EIGHTH ST. 205 E Noe St. One-story and basement frame dwelling.
Owner—Olga Peterson, 229 Bonview Ave., San Francisco.
Architect—D. E. Jaekie, 126 Post St., San Francisco.
Contractor — Gust L. Peterson, 229 Bonview Ave., S. F. $3000

ALTERATIONS
(698) NO. 1015 ASHBURY AVENUE. Alter apartments.
Owner—Chris. D. Catharios, Prem.
Architect—Not Given. $1000

ALTERATIONS
(699) NO. 3 KEARNY ST. Electric sign and alter marquee.
Owner—The Stag, Premises.
Architect—Not Given.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., S. F. $1988

ALTERATIONS
(700) NO. 824 GRANT AVE. Alter store.
Owner—Fong Chen, Premises.
Architect—Not Given.
Contractor—Frank Yick, 670 Washington St., S. F. $1000

ALTERATIONS
(701) NO. 141-143 LEXINGTON ST. Alter flats.
Owner—R. Calson, 4197 17th Street, San Francisco.
Architect—Not Given.
Contractor—P. Andersen, 4082 Army St., San Francisco. $1000

DWELLING
(702) E SEVENTEENTH AVE. 125 S Vicente St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(703) E THIRTY-THIRD AVE. 275 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

REPAIRS
(704) SE NINTH AVE. AND CLEMENT St. Repair fire damage to theatre.
Owner—S. H. Levin, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $6000

DWELLING
(705) W SAN BRUNO AVE. 175 S Bacon St. One-story frame dwelling.
Owner—L. Devincenzi, 2748 San Bruno Ave., San Francisco.
Architect—Not Given. $3000

CHILDREN'S HOME
(706) SW GEARY AND LAGUNA Sts. Two-story frame children's home.
Owner—Salvation Army, 115 Valencia St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor—Lindgren & Swinerton, 225 Bush St. $50,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
474	Strickler	Beckett	6000
475	Alameda	Dowling	4000
476	Anderson	Kopf	9850
477	Barry	DuPuy	12000
478	Duncan	Rose	1750
479	Marx	Rose	1300
480	Standard	Independent	4000
481	Frienveille	Rose	1750
482	Blumberg	East Bay	1500
483	Continental	Austin	1985
484	Willner	Teigland	3700
485	Williams	Bradhoff	6000
486	Evans	King	1800
487	McCombs	Henderson	5200
488	East	Daley	3500
489	Golden	Hopper	2300
490	Brown	Tollifson	3550
491	Hufschmidt	Owner	4950
492	Whalen	Owner	4850
493	Johnson	Baker	1100
494	Martinho	Silva	2800
495	Davidson	Independent	1000
496	Banker	Owner	1000
497	Trumper	Lossing	1200
498	State	Barrett	102900
499	Letts	Christensen	1500
500	Bennett	Campomenosi	15000
501	Farmers	Early	2000
502	Sauerman	Early	1000

RESIDENCE
(474 NO. 527 BLAIR AVE., **PIEDMONT.** Two-story 6-room frame residence and garage.
Owner—L. H. Strickler, 411 Pala Ave. Piedmont.
Architect—W. Milwain, 1503 Oakland Ave., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave. $6000

DWELLING
(475) NO. 1800 CAMBRIDGE DRIVE, **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 1361 Park St., Alameda. $4000

ADDITIONS
(476) NO. 2244 **SANTA CLARA AVE. ALAMEDA.** Additions and alterations to undertaker's establishment.
Owner—Chesley Anderson, Premises.
Architect—Miller & Warnecke, Financial Center Bldg., **Oakland.**
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $9850

DWELLING
(477) 2 LINCOLNSHIRE DR., **OAKLAND**; two-story 11-room dwelling.
Owner—E. L. Barry, 2601 Russell St., Berkeley.
Architect—C. A. Tantau, 210 Post St., San Francisco.
Contractor—F. K. DuPuy, 110 Sutter St., San Francisco. $12,000

REPAIRS
(478) 1032-34 MAGNOLIA St., **OAKLAND**; fire repairs.
Owner—Mr. Duncan, premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1750

REPAIRS
(479) 468 CHETWOOD ST., **OAKLAND**; fire repairs.
Owner—Mr. Marx, premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1900

SERVICE STATION
(480) 3200 FOOTHILL BLVD., **OAKLAND**; one-story service station.
Owner—Standard Oil Co. of California, 1206 Financial Center Bldg., Oakland.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland. $4,000

REPAIRS
(481) 267-71 12th ST., **OAKLAND**; fire repairs.
Owner—A. E. M. Prienveille, 271 12th Street, Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1750

ADDITION
(482) 463 SIXTH ST., **OAKLAND**; tile addition.
Owner—Irving Blumberg, 463 6th St., Oakland.
Architect—Not Given.
Contractor — East Bay Refrigerating Products, 941 Aileen St., Oakland. $1500

SHED
(483) 5401 SAN LEANDRO ST., **OAKLAND**; one-story shed.
Owner—Continental Can Co., Inc., 155 Montgomery St., San Francisco.
Architect—Not Given.
Contractor—The Austin Co., 516 18th Street, Oakland. $1985

ADDITION
(484) 3104 SHATTUCK AVE., **BERKELEY**; additions.
Owner—H. W. Willner, 3130 Shattuck Ave., Berkeley.
Architect—Not Given.
Contractor—C. M. Teigland, 3104 Shattuck Ave., Berkeley. $3700

DWELLING
(485) 1138 STERLING, **BERKELEY**; two-story 5-room frame dwelling and garage.
Owner—Miss Williams.
Architect—Henry Gutterson, 526 Powell St., San Francisco.
Contractor—C. O. Bradhoff, 911 55th St., Oakland. $6,000

ALTERATIONS
(486) 820 SAN DIEGO, **BERKELEY**; alterations.
Owner—G. C. Evans, 620 Cragmont Ave., Berkeley.
Architect—Not Given.
Contractor—Geo. F. King, 2522 College Ave., Berkeley. $1800

ADDITIONS
(487) NO. 1033 MILLER ST., **BERKELEY**. Additions.
Owner—Phillip McCombs, Premises.
Architect—Scott Haymond, American Trust Bldg., Berkeley.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley. $5200

ALTERATIONS
(488) NO. 2284 SHATTUCK AVE., **BERKELEY**. Alterations.
Owner—East Bay Syndicate.
Architect—Not Given.
Contractor—Thomas E. Daley, 1108 Vancouver Ave., Burlingame. $3500

ALTERATIONS
(489) NO. 5810-12-14 SAN PABLO Ave., **OAKLAND**. Alterations.
Owner—Golden State Theatre Co., 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 222 Kearny St., San Francisco.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Ave. $2300

DWELLING
(490) NO. 2923 SCHYLER STREET, **OAKLAND**. One-story 5-room dwelling and garage.
Owner—Earl Brown, 4622 E-14th St., Oakland.
Architect—Not Given.
Contractor—C. Tollifson, 3311 E-17th St., Oakland. $3550

DWELLING
(491) NO. 341 VERNON ST., **OAKLAND**. Two-story 6-room dwlg.
Owner—Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Chester Treichel, 696 Cleveland Ave., Oakland. $4950

DWELLING
(492) NO. 656 BOULEVARD WAY, **OAKLAND**. Two-story six-room dwelling.
Owner—John F. Whalen, 461 Lee St., Oakland.
Architect—Not Given. $4850

ALTERATIONS
(493) NO. 877 **THIRTY-EIGHTH** St., **OAKLAND**. Alterations.
Owner — A. Johnson, 3609 Emersan St., Oakland.
Architect—Not Given.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland. $1100

(494) 8811-15-17-19 FOURTEENTH St., **OAKLAND**. Addition.
Owner—John Martinho, 1535A Prince St., Oakland.
Architect—Not Given.
Contractor—Tony M. Silvo, 1034 87th Ave., Oakland. $2800

STATION
(495) NO. 2900 E-TWELFTH ST., **OAKLAND**. One-story service station.
Owner—Davidson & Trewethick, 2512 65th Ave., Oakland.
Architect—Not Given.
Contractor—Independent Iron Works, 821 Pine St., Oakland. $1000

ADDITIONS
(496) NO. 1407 HOLLY ST., **BERKELEY**. Alterations.
Owner—S. C. Banker, Premises.
Architect—Not Given. $1000

ALTERATIONS
(497) NO. 2630 PIEDMONT AVE., **KELEY**. Additions.
Owner—J. Trumper, Premises.
Architect—Not Given.
Contractor—T. S. Lossing, 47 Canyon Road, Berkeley. $1200

STRUCTURE
(498) THIRTY-FOURTH ST., Haven St., Etc., **OAKLAND**. Concrete distribution structure.

ALTERATIONS
(501) NO. 2400 WEBSTER STREET.
Owner—State of California, Division of Highways, 500 Sansome Street, San Francisco.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $1,029,000

ALTERATIONS
(499) NO. 222 NINTH ST., **OAKLAND**. Alterations.
Owner—Letts-Oliver Invest. Co., 16th and San Pablo Ave., Oakland.
Architect—Not Given.
Contractor, — H. J. Christensen Co., 1955 Webster St., Oakland. $1500

DWELLING
(500) NO. 66 BEECHWOOD DRIVE, **OAKLAND**. Two-story 10-room dwelling.
Owner—A. L. Bennett, 6001 Chabolyn Terrace, Oakland.
Architect—Miller & Wernecke, Financial Center Bldg., Oakland.
Contractor — E. Campomenosi, 6401 Broadway, Terrace, Oakland $15,000

OAKLAND. Alter building and alter store front.
Owner—Farmers & Merchants Savings Bank, 13th and Franklin Sts., Oakland.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $2000

REPAIRS
(502) NO. 277 TWELFTH STREET, **OAKLAND**. Fire repairs.
Owner—Mr. Sauerman, Premises.
Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
149	Bull	Stolte	7000
150	Weiner	Hansen	457
151	Wallach	Aetna	3014
152	New England	Cohn	2587

ALTERATIONS
(149) NO. 2518 UNION ST. All work for alterations to dwelling.
Owner—Edward C. & Lilian W. Bull, Premises.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—F. C. Stolte Co., Oakland
Filed July 10, '35. Dated July 9, '35.
On 8 th of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, $7000
Bond, limit, forfeit, none. Plans and specifications filed.

PAINTING
(150) NO. 648 FORTIETH AVENUE. All work for painting, stucco work and roof repairs to dwelling.
Owner—Benjamin and Rose Weimer.
Architect—Not Given.
Contractor—Harry A. Hansen.
Filed July 11, '35. Dated June 22, '35.
HOLC Contract .....
TOTAL COST, $457
Bond, $457. Surety, Fireman's Fund Indemnity Co. Limit, forfeit, none. Specifications only filed.

ALTERATIONS
(151) NO. 258 TWENTY-NINTH AVE. All work for alterations and addition to dwelling.
Owner—Harry Wallach.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Aetna Constr. Co.
Filed July 11, '35. Dated July 8, '35.
On completion 75%
Usual 35 days..... Balance
TOTAL COST, $3014
Bond, none. Limit, 4 weeks. Forfeit, none. Plans and specifications filed.

PAINTING
(152) NO. 544 MARKET ST., Flatiron Building. All work for exterior painting, etc of building.
Owner—New England Mutual Life Insurance Co., Boston, Mass.
Architect—Not Given.
Contractor—Max and Samuel F. Cohn (as M. Cohn & Co.)
Filed July 11, '35. Dated. ——.
TOTAL COST, $——
Bond, $2587.40. Surety, London and Lancashire Indemnity Co. of America. Limit, forfeit, plans and specifications, none.

ALAMEDA COUNTY

50 Clark Cederborg 11866

RESIDENCE
(50) LOTS 30 AND 31 BLK 32, North Cragmont, Berkeley. All work for residence.
Owner—Reece and Gladys Clark, 1733 Madera St., Berkeley.
Architect — W. H. Ratcliff, American Trust Bldg., Berkeley.
Contractor—H. Cederborg, 1455 Excelsior Ave., Oakland.
Filed July 16, '35. Dated July 11, '35.
Frame completed and roof on 25%
Brown plastered 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $11,866
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER store and flats, $300; 1294 Union St.; owner, Adelina Paganini, Premises; contractor, Ferdinando Rossi, 1835 Stockton St.
ALTER cleaning plant, $350; 3200 Geary St.; owner, Meeaders Dyeing & Cleaning Works, Premises; contractor, J. B. Bourdieu, 2625 20th Street.
ALTER store, $200; 944 Clement St.; owner, Mrs. Florentine Seelye, 442 Fourth Ave.
ALTER flats, $150; 614 Vermont St.; owner, B. Damonti, Premises; contractor, Gene A. Martinelli & Co., 355 15th Ave.
ALTER flats, $220; 3134 24th Street, owner, Frank Bartalini, 3130 24th Street.
FLUES, $70; 743 Baker St.; owner, Miss Madden, Prem.; contractor, John Marshall, 4447 Mission St.
FLUES, $50; 30-36 Child St.; owner, L. Rumini, Premises; contractor, Adolpho Chiorpotti, 1801 Mason.
ALTER tank truck loading rack, $900 N Beach 200 W Jones St.; owner, Standard Oil Co., 225 Bush St.
ALTER flats, $500; 1111 York Street; owner, M. DeCaesar, Premises; contractor, John Munson, 2419 15th Street.
ALTER dwelling, $300· 1257 Fairfax; owner, E. Ricci, % Contractor; contractor, Richard Delucchi & Co., 3275 San Bruno Ave.
ALTER flats, $300; 2943 Harrison St.; owner, O. Hammar, Prem.; contractor, Richard Delucchi & Co., 2375 San Bruno Ave.
ALTER store, $366; 798 Bush Street; owner, Rose Lanza, % Contractor; contractor, Barrett & Hilp, 918 Harrison St.
SIGN, electric, $150; 1559 Franklin St.; owner, Franklin Market, 1559 Franklin St.; contractor, Neon Sign Service Co., 1707 Folsom St.
SIGN, electric, $150; 1312 Polk St.; owner, Cruise Bros., Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.
ALTER dwelling, $900; 70 West Clay Park; owner, Graeme MacDonald, Huntington Apts.; architect, Ed. Musson Sharpe, 525 Market St.; engineer, Jess Rosenwald, 525 Market St.
REPAIR fire damage to theatre, $966; 1249 Stockton St.; owner, Jos. Musto Estate, % Contractor; contractor, Barrett & Hilp, 918 Harrison St.
ALTER flats, $15; 264 11th St.; owner, Wm. R. Norton, 1243 20th Ave.
SIGN, electric, $200; 2535 Irving St.; owner, Alice Sweet Shop, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potroro Ave.
SIGN, electric, $50; 1407 Bush Street; owner, Levy Elec. Co., Premises; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.
GARAGE, one-story frame private, $50; 35 Ware St.; owner, Antonio Bellu, Premises.
ALTER flats, $100; 194 20th Avenue; owner, M. Deasy, Premises; contractor, J. C. Thomas, 452 42nd Avenue.
ALTER store, $500; 2740 Mission St.; owner, Sam Labarbera, Premises; contractor, John Munson, 2419 15th Street.
ALTER service station, $700; SW 12th and Howard Sts.; owner, Associated Oil Co., 79 New Montgomery St.; contractor, Grant Martinelli Constr. Co., 44 Mary St.
SIGN, electric, $200; 1741 Polk Street; owner, W. Herzog, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 698 Monterey Byvd.; owner, D. Bagrash, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potroro Ave.
SING, electric, $50; 1407 Bush St.; owner, Levy Elec. Co., Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dwelling, $150; 5 Genoa Place owner, Eugenia Poletti, 652 Green Street.
ALTER flats, $125; 1144-46-48 Oak St. owner, R. Benson, Premises.
ALTER laundry and flats, $150; 769 Pacific Ave.; owner, Antonini & Canepa, 798 Green St.; contractroctor, G. B. Delucchi, 4 Sharp Place.
SIGN, electric, $200; 1116 Post Street; owner, Motor Body Corp., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $200; 2524 Lombard St.; owner, Bridge Hotel, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potroro Ave.
ALTER flats, $300; 463 Filbert St.; owner, G. Soldavani, Prem.; contractor, G. B. Delucchi, 4 Sharp Place.
ALTER store, $100; SE Sixth Ave. & Clement St.; owner, Isabel Sprague, 304 6th Ave.; contractor, A. P. Allen, 177 Bertita.
REPAIR fire damage to flats, $300; 506 San Bruno Ave.; owner, Mrs. Del Carlo, % Contractor; contractor, L. Salomon, 1734 Broderick.
FLUES, $75; 3954 Washington Street; owner, Mr. Griffin, Premises; contractor, Lowell Davison, 375 Monterey Blvd.
ALTER dwelling, $750; 505 Diamond; owner, Wm. Byrne, premises; contractor, Love & Haun, 666 Mission Street.
SHOP, 1-story frame, $750; SW Hudson & Earl; owner, W. J. Heerdt 1222 Mission St.
ALTER dwelling, $200; 1662 26th Ave.; owner, Chester R. McFee, premises.
SIGN, electric, $200; 427 Mason St.; owner, W. Haley, premises; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.
SIGN, electric, $300; 427 Mason St.; owner, W. Haley, Prem.; contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

ALAMEDA COUNTY UNDER $1000

ALTER for garage, $300; 592 43rd St., Oakland; owner, Oscar A. Chilgren, 592 43rd St.
ADDITION, $250; 1323 90th Avenue, Oakland; owner, A. T. Anderson, 1155 Dutton Ave., San Leandro.
ALTERATIONS, $350; 662 Longridge Rd., Oakland; owner, John J. Allen, Prem.; contractor, Edward Larmer, 90 Fairview Ave., Piedmont.
ADDITION, $112; 2609 98th Avenue, Oakland; owner, T. F. Botts, Premises.
ADDITION and alterations, $600; 6024 Broadway, Oakland; owner, L. Phillips, Prem.; contractor, C. E. Burks, 4129 Randolph Ave.
SIGN, electric, $50; 3830 Grand Ave., Oakland; owner, Thomas Balley, Premises; contractor, Elec. Sign Repair Co., 699 Jean St.
SIGN, electric, $200; NW Tenth Ave. and E-12th St., Oakland; owner, Associated Oil Co., Prem.; contractor, QRS Neon Corp., 690 Potrero Ave., S. F.
SIGN, roof and metal sign, $15 each; 1113 16th St., Oakland; owner, The Hancock Oil Co., 1207 19th Avenue.
ADDITION, $750;3200 Lakeshore Ave., Oakland; owner, L. B. Hoge, 35 Muir Ave., Piedmont; architect, Ray Keefer, 770 Wesley Ave.; contractor, C. H. Thrams, 28 Home Place, West.
ALTER for garage, $175; 2715 E-9th St., Oakland; owner, Ruff Gasper, Premises.
ADDITION, $200; 1130 91st Avenue, Oakland; owner, A. Ybarva, Prem.
ALTERATIONS, $100; 257 38th St., Oakland; owner, Mrs. Geo. Tyson, Premises.
ALTERATIONS, $50; 796 Ninth St., Oakland; owner, Rose Ruelle, 796 9th St.
FIRE repairs, $400; 1038 Magnolia St., Oakland; owner, Mr. Burke, Prem. contractor, A. H. Rose, 478 25th Street.
SIGN, electric, $250; NE Excelsior and Lakeshore Aves., Oakland; owner, Signal Oil Co., Premises; contractor, Elec. Prod. Corp., 950 30th Street.
BILLBOARD, $150; 10910 E-14th St., Oakland; owner, Central Bank, Premises; contractor, George H. Rice Jr., 334 10th St.
CLOCKS (4), metal, $200 each; 5725 E-14th St., Oakland; owner, Modern Food Co., Prem.; contractor, QRS Neon Corp., 690 Potrero Ave. San Francisco.
ALTERATIONS, $140; 1231 Carlotta St., Berkeley; owner, W. Bosworth, Prem.; contractor, W. H. Sankey, 7324 Grove St.
REPAIR fire damage, $500; 2330 College Ave., Berkeley; owner, Dr. Morgan, Premises; contractor, A. H. Rose, 70 Buckeye St.
GARAGE, private, $100; 1617 Oregon St., Berkeley; owner, D. W. Jones, Premises.
1883 Harmon St., Berkeley.
SIGN, electric, $110; 2550 San Pablo Ave., Oakland; owner, Pat and Tom Buffett, Premises; contractor, Imp Elec. Sign Co., 2228 Myrtle St.
SHED, one-story frame, $35; 9825 E-14th St., Oakland; owner, A. H. Christensen, 1359 99th Ave.
ALTERATIONS, $400; 629 Aileen St., Oakland; owner, A. Wray, Prem.
ALTERATIONS, $350; 1228 23rd Ave., Oakland; owner, R. A. Goss, 1228 23rd Avenue.
REPAIRS, $40; 5931 McCall St., Oakland; owner, Henry L. Lassen, Premises.

BUILDING NEWS

NEWS INDEX

For convenient reference, news orts in this section are classi- as follows:

-Apartments
-Bonds
-Churches
-Factories and Warehouses
-Flats
-Garages and Service Stations
-Federal Buildings.
-Club Buildings
-Hospitals
-Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

APARTMENTS

le Done By Day's Work.
ERATIONS Cost, $1,500
FRANCISCO. 1015 Ashbury St.
ations to apartments.
er—Chris D. Catharius. Premises.
itect—Not Given

CHURCHES

s Being Figured—Bids Close July 23, 5 P. M.
ITION Cost, $2,000
USA, Colusa Co., Calif.
tion to Sunday School at Saint Stephens Episcopal Church (add I arge room and kitchen) frame onstruction.
er—Episcopal Bishop of Sacramento.
itect—Arnold Constable, 580 Market St., San Francisco.
llowing Colusa contractors will it bids:
rry Staple, L. S. Lewis, Albert J. S. Hoffmeister, Fred Mutbach.

FACTORIES & WAREHOUSES

ract Awarded.
TILLERY Cost, $22,000
MA, Fresno Co., Cal. Hunstman Ave. near Bethel.
brandy distillery.
er—John McClure, Inc.
itect—Morgan, Walls & Clements, 210 W. Seventh St., Los Angeles.
tractor — Trewhitt - Shields Co., Pacific Southwest Bldg., Fresno.

ned.
INDRY Cost, $10,000
OCKTON, San Joaquin Co., Cal. Sierra Nevada and Fremont Sts.
ition of unit for laundry plant (brick construction) air conditioning system, etc.
ner—Golden West Laundry (Peter Wallace, Proprietor), 501 N. Sierra Nevada St., Stockton.
hitect—Not Given.
otal cost of improvements, includ- machinery, etc., is $22,000.

ns Completed.
REHOUSE Cost, $225,000
S ANGELES, Cal. No. 1200 South Evergreen Street.
-story reinforced concrete and steel warehouse (940x182 ft.) composition roofing, steel and metal clad doors, steel rolling doors, steel sash, vault door, sprinkler system, asphalt paving, metal skylights, ventilating system, etc.
Owner—A. Zellerbach Paper Co., 220 S. Los Angeles St., Los Angeles.
Engineer—Leland S. Rosener, 233 Sansome St., San Francisco, and Ralph Beebee 1976 San Pablo Ave., Berkeley.
Bids will probably be asked shortly.

To Be Done By Day's Work.
PACKING PLANT Cost, $4,000
SAN JOSE, Santa Clara County, Cal. Seventh and Empire Streets.
One-story vegetable packing plant.
Owner—R. D. Brennan, 148 South 8th St., San Jose.
Engineer—W. D. Lotz, 35 West San Carlos St., San Jose.

To Ask Bids.
FREIGHT DEPOT Cost, $——
OAKLAND, Alameda Co., Calif.
Steel and reinforced concrete freight depot (450 ft. in length).
Owner—Santa Fe Railway Company, Kerckhoff Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.

5— FLATS

July 15, 1935

Contract Awarded.
REPAIR FLATS Cost, $2500
SAN FRANCISCO. No. 2502 Sutter Street.
Repair fire damage to flats.
Owner—Alpine Realty Co., % Contractor.
Architect—Not Given.
Contractor—L. Salomon, 1734 Broderick St., San Francisco.

5

6—GARAGES & SERVICE STATIONS

Low Bidder.
SERVICE STATION Cost, $7,000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and Fruitvale Ave.
Steel service station (stucco exterior)
Owner—Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner
Low Bidder—Willis Lynn, 1037 Ashmount, Oakland.

Plans Being Prepared.
SERVICE STATION Cost, $10,000
MODESTO, Stanislaus Co., Cal. 9th and I Streets.
Steel service station.
Owner—General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner. Bids will be asked in about thirty days.

Contract Awarded.
SERVICE STATION Cost, $7000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and Fruitvale Ave.
Steel service station (stucco exterior)
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Willis Lynn, 1037 Ashmount St., Oakland.

Planned.
SERVICE STATION Cost, $——
SAN ANSELMO, Marin Co., Cal. San Anselmo and Oak Knoll Aves.
New service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.

Owner Taking Bids.
GARAGE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. Oakland Highway.
One-story wood frame garage (60x300 ft.) corrugated iron siding, cement floors, rolling doors, wood trusses, etc.
Owner — Giacamazzi Bros., Milpitas Road, San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.

Sub-Contracts Awarded.
SERVICE STATION Cost, $3,000
LIVERMORE, Alameda Co., Calif.
Steel service station.
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.
Wiring — Pacific Electric Motor Co., Tenth and Oak Sts., Oakland.
Mill Work—Diamond Match Company.
Lumber—Independent Iron W'ks, 821 Pine St., Oakland.
Plumbing—Max Finzel, 2025 Hopkins St., Oakland .

7— FEDERAL BUILDINGS

BID OPENING DATE POSTPONED
AMERICAN LAKE, Wash. — Until July 30, 2:30 P. M. (date postponed from July 16) bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing transformer station and transmission line at the Veterans' Administration Facility, American Lake, Wash.

Complete Bids.
POST OFFICE Cost, $——
SAN RAFAEL, Marin Co., Cal. D and Third Streets.
One - story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one-pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast iron steps, etc.
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Low Bidder—Leo Epp, 4745 Geary St., San Francisco.
Complete bids follow:

Leo Epp, San Francisco	$56,680
K. E. Parker Co., S. F.	56,925
Leibert & Trobock, San Rafael	57,900
Frank J. Reilly, S. F.	59,861
Robert McCarthy, S. F.	62,229
William Spivock, S. F.	63,300
DeLuca & Son, S. F.	64,200
A. Nelson, San Francisco	65,000

Bids held under advisement.

BIDS REJECTED
SAN FRANCISCO. — Treasury Department has rejected all bids for furnishing and installing counters, railings, etc., at the U. S. post office and courthouse, San Francisco.

BIDS WANTED
ELKO, Nev.—Until August 6, bids will be received by the Treasury Department, Washington, D. C., for the construction of a retaining wall and coping at the U. S. post office at Elko.

BIDS WANTED
NOGALES, Ariz.—Until Aug. 5, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for alterations to the Garitas, U. S. Immigration Station at Nogales, Ariz. Plans and specifications may be obtained from the custodian of the building or from the

Treasury Department in Washington; no deposit required.

BID OPENING DATE POSTPONED

WALLA WALLA, Wash. — Until July 30, 2:30 P. M. (date postponed from July 16) bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for constructing ice cream making plant at the Veterans' Administration Facility, Walla Walla. Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif. No deposit required for plans.

BIDS OPENED

CANAL ZONE.—Grebien and Martinz, Inc., Panama, R .P., at $179,830 submitted low bid to Quartermaster, Panama Canal Zone, for the construction of the following concrete and wood buiklings at Gatun, C. Z.:

Ten 2-family Type No. 103 quarters (Project A).

Three, 2-family Type No. 104 quarters (Project A).

Five 1-family Type No. 101 quarters (Project B).

Five 1-family Type No. 102 quarters (Project B).

Ten 2-family Type No. 103 quarters (Project B).

One official Type 108 quarters (Project B).

Complete bids follow:

Grebien & Martinz, Inc., Panama	(a)	$ 80,338
	(b)	110,125
Total		$179,830
F. Grebien and T. J. Butler, Cristobal	(a)	$ 80,455
	(b)	112,545
Total		$193,000
H. B. Nelson, Balboa	(a)	$ 84,167
	(b)	115,311
Total		$199,478
W. P. Thurston Co., Inc., Richmond, Va.		$244,000

Award will probably be made to Grebien & Martinz at $179,830.

BIDS WANTED

HONOLULU, T. H.—Until Sept. 3, bids will be received by the Treasury Department, Washington, D. C., for extension and remodeling of the U. S. post office, courthouse and custom house at Honolulu.

BIDS WANTED

HONOLULU, T. H.—Until Sept. 3, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Immigration Station, Honolulu, T. H. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington; no deposit required. On the same day bids will also be opened for painting plaster in the U. S. post office and court house in Honolulu.

BID OPENING DATE POSTPONED

PORTLAND, Oregon.—Until July 30 2:30 P. M. (date postponed from July 16) bids will be received by the Veterans' Administration, Arlington Bldg. Washington, D. C., for constructing alterations to elevator in Building No. 4, at the Veterans Administration Facility, Portland.

Bids Wanted—To Close August 26, 1 P. M.

POST OFFICE Cost, $85,800
VENTURA, Ventura Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

BIDS WANTED

GLENDALE, Los Angeles Co., Cal. —Until August 5, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office at Glendale.

Specifications may be obtained from above office and from the Custodian of the building at Glendale.

BIDS REJECTED

HOLLYWOOD, Los Angeles Co., Cal. — Treasury Department rejected all bids for furnishing and installing freight elevator in the Hollywood Post Office. On bid opening low bid was submitted by the King Machine & Manufacturing Co., Los Angeles, at $3993.

Contract Awarded.

SHED Cost, $2,000
OAKLAND, Alameda Co., Calif. 5401 San Leandro Street.
One-story shed.
Owner—Continental Can Co., Inc., 155 Montgomery St., San Francisco.
Plans by Austin Company.
Contractor—Austin Company, 516 18th St., Oakland.

SUB-BIDS WANTED

TRACY, San Joaquin Co., Calif.—L. S. Peletz, 1660 W. Acacia Avenue, Stockton, desires sub-bids on all portions of the work for the construction of the U. S. post office at Tracy for which bids will be opened by the Treasury Department, Washington, D. C., on July 30, 1 P. M.

Preliminary Plans Prepared.

LIBRARY AND COURT $90,000
CARSON CITY, Ormsby Co., Nevada. Carson and King Streets.
Three-story library & Supreme Court building (mezzanine floor and full basement).
Owner—State of Nevada.
Architect—F. J. DeLongchamps, Inc., Gazzette Bldg., Reno, Nevada.
Application filed with the PWA for a 45% grant.

Planned.

CITY HALL Cost, $33,000
LINDSAY, Tulare Co., Calif.
New City Hall, tennis courts and playground.
Owner—City of Lindsay.
Architect—Not Selected.
Application will be filed with the PWA for a loan and grant to finance the proposed work.

BIDS WANTED

SAN FRANCISCO.—Until August 7, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public W'ks Branch, Washington, D. C., for painting plaster, etc., in the U. S. post office and court house at San Francisco.

Specifications may be obtained from above office and from the Custodian San Francisco Post Office.

9— HOSPITALS

BIDS REJECTED

SAN FRANCISCO. — Treasury Department rejected all bids for furnishing and installing new storage type hot water heater in the basement of the main building of the Marine Hospital, 14th Ave. and Lake St. On bid opening May 27 the lowest bid was submitted by E. A. Cornely, Inc., 1452 Bush St., at $2,060

Contract Awarded.

HOME Cost, $50,000
SAN FRANCISCO, SE Geary and Laguna Streets.
Two-story frame children's home.
Owner—Salvation Army, 115 Vale St., San Francisco.
Architect — D. D. Stone, 110 Sutter St., San Francisco.
Engineer—Jesse Rosenwald, 525 Market St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $ 00
SACRAMENTO, Sacramento Co., Cal. Eighth and J Streets.
Alterations to Windsor Hotel (new stores on ground floor, offices, etc.)
Owner—California-Western States Life Insurance Company.
Architect — George Sellon, California State Life Bldg., Sacramento.
Contractor — C. J. Hopkinson, 1 0 28th St., Sacramento.

CONTRACT AWARDED

SAN FRANCISCO—Elsele & Donovo Marble Co., 2895 Third Street, at 34 awarded contract by Bank of America for marble work for alterations to hotel at 17 Powell Street.

12— POWER PLANTS

BIDS WANTED

SAN FRANCISCO—Until July 4, 1:45 P. M., informal bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for removing 4, 3-in. diameter tubes in boiler at the Edward Robeson Taylor School, 1-rows and Somerset Streets. Work involves replacing, with new tubes thoroughly cleaning boiler and removing all debris.

Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

SAN FRANCISCO—San Francisco Elevator Co., 860 Folsom Street at $185.57 awarded contract by Department of Public Works for furnishing and installing new hoisting cables in elevator No. 5, City Hall. Cables shall consist of six strands 1.2 in. diameter, special traction steel cable of 19 wires each.

Bids Rejected.

ALTERATIONS Cost, $ —
BERKELEY, Alameda Co., Cal. Milton and Grove Streets.
Alterations to attic in City Hall (Work involves wood joists, composition flooring, new stairway, one partition, etc.)
Owner—Cty of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Work cancelled.

July 12, 19

Bids Opened.

AUDITORIUM Cost, $40 00
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine and balcony auditorium (to seat 2300 on main floor and 1200 in balcony; 56-ft. stage, art gallery, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel trusses, hot air and steam heating system, and elevators).
Owner—City of Fresno.
Architects—Allied Architects (W. Coates, C. H. Franklin, H. Rahe, Lake, E. J. Kump, Fred Swan.

and E. W. Peterson, 304 Rowell Bldg., Fresno).
uctural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
hanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
omplete bids follow:
1) If aluminum is used for doors main and side entrances in lieu wood, add.
2) If terrazzo flooring is used in of colored cement, add.
3) If elevators are omitted, deduct.
4) If composition roofing is used, uct.
5) Changing hardware for Doors D- nd D-2, Item 1, add or deduct.
6) Changing hardware, add.
7) Using sand fill in lieu of dirt add.
8) Using hardwood interior trim, d.

General Work

J. Ochs & Trewhitt-Shields o., Pacific Southwest Bldg., resno $276,008
..... (1) 6,020
..... (2) 3,627
..... (3) 3,600
..... (4) 1,100
..... (5) 93
..... (6) 330
..... (7) .....
..... (8) 1,307
widdie Const. Co., S. F.... $279,100
..... (1) 7,000
..... (2) 3,434
..... (3) 3,580
..... (4) 800
..... (5) 335
..... (6) 335
..... (7) 1,220
..... (8) 1,475

Mechanical Work

J. Reeves Heating Co., 959 Natoma St., San Francisco... $12,746
..... (1) 295
ott Co., San Francisco..... 47,487
..... (1) 970
rrett-Hicks Co., Fresno..... 48,309
..... (1) 1,309
ed W. Snook, San Francisco 49,196
..... (1) 873
A. Newman, Fresno..... 55,469
..... (1) 687

Electrical Work

nerican Electric Co., 462 Bryant St., San Francisco..... $58,979
add..... (1) 4,998
add ..... (2) 7,574
add ..... (3) 4,491
add..... (4) 1,421
add ..... (5) 1,296
deduct ..... (6) 807
deduct..... (7) 593
deduct..... (9) 1,490
deduct..... (8) 698
deduct..... (10) 521
deduct..... (11) 3,014
deduct..... (12) 10,038
ectric Const. Co., Fresno..... $59,379
..... (1) 3,558
..... (2) 7,111
..... (3) 3,264
..... (4) 913
..... (5) 1,238
..... (6) 687
..... (7) 646
..... (8) 974
..... (9) 2,023
..... (10) 260
..... (11) 3,092
..... (12) 10,251
ewberry Electric Co., L. A.. $59,712
..... (1) 3,275
..... (2) .....
..... (3) 2,965
..... (4) 1,100
..... (5) 1,250
..... (6) 525
..... (7) 625
..... (8) 875
..... (9) 1,750
..... (10) 375
..... (11) 2,600
..... (12) 9,500
obinson Electric Co., Fresno.... $62,387
..... (1) 3,465
..... (2) 7,477
..... (3) 2,815
..... (4) 808
..... (5) 900
..... (6) 715
..... (7) 639
..... (8) 979
..... (9) 1,633
..... (10) 355
..... (11) 3,086
..... (12) 10,300
Wessell Electric Co., Fresno . $62,449
..... (1) 3,465
..... (2) 7,500
..... (3) 2,900
..... (4) 800
..... (5) 892
..... (6) 700
..... (7) 645
..... (8) 980
..... (9) 1,610
..... (10) 362
..... (11) 3,336
..... (12) 10,250

Seating

Republican Printery, Fresno . $5,500
..... (1) 6,300
Slater Furniture Co., Fresno..... 7,520
..... (1) 7,020
Peabody Manufacturing Co..... 7,660
..... (1) 6,760
American Seating Co., S. F..... 7,800
..... (1) 6,760
General Seating Co., S. F..... 7,880
..... (1) 7,150
Turner Co., S. F..... 7,960
..... (1) 7,090

Stage Equipment, Curtains & Drapes

General Seating Co., 160 Second St., San Francisco..... $12,601
Los Angeles Scenic Studio..... 13,583
Turner Co., San Francisco..... 21,233
B. M. Knoblock, San Francisco 26,089
Bids held under advisement.

14— RESIDENCES

July 17, 1935

Contract Awarded.
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Proctor Drive and Austin Way.
Two - story and basement frame and stucco residence (6 rooms) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Santa Rosa Better Housing Campaign Committee.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Wm. Rapp, Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 656 Boulevard Way.
Two-story frame and stucco residence (six rooms).
Owner and Builder—John F. Whalen, 461 Lee St., Oakland.
Architect—Not Given. 4

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 341 Vernon Street.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Hufschmidt and Whalen, 337 17th St., Oakland.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

SUB-BIDS WANTED

MERCED, Cal.—Peter Sartorio, Monadnock Bldg., San Francisco, desires sub-bids on all portions of the work for the construction of the two-story residence to be erected in Merced for which bids will be opened July 23, 12 Noon. Kent & Hass, San Francisco, architects.

Construction Started.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame, stucco and common brick residence (7 rooms, 3 baths) shake roof, tile baths, hardwood floors, wood sash, etc
Owner and Builder—W. R. Voorhies, Inc., Alameda de las Pulgas, Redwood City.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Construction Started.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Calif.
Two-story frame, stucco and common brick residence, French style (9 rooms, 5 baths) shake roof, tile baths, hardwood floors, wood sash.
Owner and Builder—W. R. Voorhies, Inc., Alameda de las Pulgas, Redwood City.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Construction Started.
RESIDENCE Cost, $——
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story frame, stucco and common brick residence (7 rooms, 3 baths) shake roof, tile baths, hardwood floors, wood sash, etc.
Owner and Builder—W. R. Voorhies, Inc., Alameda de las Pulgas, Redwood City.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
RESIDENCE Cost, $3,000
SAN FRANCISCO. W 45th Ave. 125 S. Lincoln Way.
One-story frame and stucco residence
Owner—A. O. Cordell, % contractor.
Architect—Not Given.
Contractor—Elias Vigen, 1346 40th Avenue.

Contract Awarded.
RESIDENCE Cost, $7000
REDWOOD CITY, San Mateo Co., Cal. No. 836 Arlington Road.
One-story and basement frame residence (6 rooms).
Owner—C. F. Wachsmuth.
Architect—Not Given.
Contractor—J. R. Pitzker, 2003 Broadway, Redwood City.

Contract Awarded.
RESIDENCE Cost, $6,000
SAN JOSE, Santa Clara County, Cal. Shasta Avenue near Dana.
Two-story frame and stucco residence
Owner—John H. Allen, 32 Mission St. San Jose.
Architect—Not Given.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Contract Awarded.
ALTERATIONS Cost, $3,000
SAN JOSE, Santa Clara County, Cal. 687 North Second Street.
Alterations to residence.
Owner—Maria Malvassi.
Architect—Not Given.
Contractor—Joseph Santi, 595 Madera Ave., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara County, Cal. San Fernando near Race St.
One-story frame and stucco residence (five rooms).
Owner—Helen Mignon, 104 Race St., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara County, Cal. San Fernando near Rainier.
One-story frame and stucco residence.
Owner and Builder—J. S. Newell, 838 Minnesota Ave., San Jose.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Cresston Road.
Two-story frame and stucco residence (8 rooms, 3 baths) shake roof, gas hot air heating system, tile baths, hardwood floors, etc.
Owner—Reese Clark.
Architect—W. H. Ratcliff, Jr., Chamber of Commerce Bldg., Berkeley.
Contractor—H. Cederborg, 1455 Excelsior Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $9000
STOCKTON San Joaquin Co., Cal.
Two-story and basement frame and stucco residence (Mission style); tile roof, electric heating system, hardwood floors, tile baths.
Owner—Mrs. Montgomery.
Architect—Jos. Losekann, 1218 Harding St., Stockton.
Contractor—W. J. Scott, 1661 West Poplar St., Stockton.

Low Bidder.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two - story frame residence (California-Colonial style).
Owner—Boyce Clark.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Low Bidder—A. Frederick Anderson, 1518 38th St., Oakland.

Bids Rejected—Plans To Be Revised.
RESIDENCE Cost, $4500
SAN CARLOS, San Mateo Co., Cal.
One-story and basement frame and stucco residence (five rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Otto and Anna Schmitt.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
New bids will be asked at a later date.

To Take Bids In One Week.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Piedmont Pines Tract.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner—Jack O'Brien.
Architect—F. L. Confer, 5812 Russell St., Berkeley.

Bids In—Held Under Advisement.
ADDITION Cost, $——
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Addition to Fraternity House.
Owner—Theta Chi.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. 26th Street near St. John St.
One-story and basement frame and stucco residence (5 rooms).
Owner—F. Vierra, 1422 Franklin St., San Jose.
Architect—Not Given.
Contractor—Frank Rose, 1439 Shortridge Ave., San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. Lakeshore Highlands.
Two - story and basement frame and stucco residence (6 rooms).
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosi, 6401 Broadway Terrace, Oakland

Contract Awarded.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two - story frame and brick veneer residence (6 rooms) shake roof, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—E. S. Campomenosi, 6401 Broadway Terrace, Oakland.

Low Bidder.
RESIDENCE Cost, $7500
ATHERTON, San Mateo Co., Calif.
One-story rustic residence (7 rooms, 2 baths; 3-car garage) shake roof, oil heating system, tile baths, hardwood floors, wood sash.
Owner—W. H. Moebus.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Low Bidder—Emil Steinegger, 371 Alameda de las Puglas, Redwood City.

Plans Being Prepared.
RESIDENCE Cost, $14,000
WALNUT CREEK, Contra Costa Co., Calif.
One-story brick residence (12 rooms, 4 baths) shake roof, oil burning steam heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about thirty days.

Contract Awarded.
ADDITION Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 23 West Pine Street.
Addition to residence.
Owner—Ralph Jeanelly, Premises.
Architect—Not Given.
Contractor—B. T. Parson, Copperapolis Road, Stockton.

Plans Being Completed.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. The Alameda.
Two-story frame and stucco residence (6 rooms, baths) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 1 week.

Preparing Working Drawings.
RESIDENCE Cost, $15,000
NORTH BERKELEY, Alameda Co.
Two - story and basement frame and stucco residence (9 rooms and 2 baths) tile roof, gas hot air heating system, oak floors, tile baths.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked about Aug. 1.

Plans Being Figured.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 11 Miller Avenue.
Two-story wood residence (6 rooms); shake roof, wood sash, hardwood floors, tile bath, etc.
Owner—Prof. Marhenke.
Architect — Michael Goodman, 2163 Center St., Berkeley.

Plans Completed.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence
Owner—Mr. Offord.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Bids will be asked shortly.

Low Bidder.
ALTERATIONS Cost, —
PALO ALTO, Santa Clara Co., Calif. Stanford Campus.
Alterations to Fraternity House.
Owner—Phi Delta Gamma.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Low Bidder—George Moore, 531 Stanford Ave., Palo Alto.

Plans Being Completed.
RESIDENCE Cost, $100
OAKLAND, Alameda Co., Cal. Lakeridge District.
Two-story frame and stucco residence 7 rooms and 2 baths), shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 1 week.

Sub-Contracts Awarded.
RESIDENCE Cost, $[illegible]
OAKLAND, Alameda Co., Cal. Claremont Knoll.
Two-story and basement frame and stucco residence.
Owner—R. A. Cotter, Haste and Telegraph Ave., Berkeley.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — Mark Bristol Co., 1038 McKinley Ave., Oakland.
Lumber — E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Concrete — Ensor Buell, 2927 Lorina St., Berkeley.
Steel Sash — Gleason Steel Products Co., 1310 63rd St., Emeryville.
Hardware—Lakeshore Hardware Co., 3351 Lakeshore Blvd., Oakland.
Roofing—Guy Tyler, 1502 Cedar St., Berkeley.
Sheet Metal—Owens Sheet Metal Co., 1616 Carleton St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $[illegible]
STOCKTON, San Joaquin Co., Calif. No. 1527 West Poplar St.
One-story and basement frame and stucco residence (5 rooms).
Owner — John M. and Marie R[illegible], 1727 McKinley Ave., Stockton.
Architect—Not Given.
Contractor—F. P. Dobson, 1150 W. Harding St., Stockton.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Cal.—Hugo Weder, Route 2, Box 196, Bakersfield, awarded contract at $[illegible] for the erection of an adobe residence at 629 C St., Bakersfield, to W. L. Johnson, 2105 Parkway, Bakersfield.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Cal.—Adolph Hansen, 2328 19th St., Bakersfield, awarded contract at $12[illegible] for the erection of a residence at [illegible] Cedar St., Bakersfield, for Max H[illegible]ovitz, 1925 Maple St., Bakersfield.

July 16, 19[illegible]

To Be Done By Day's Work.
RESIDENCE Cost, $5[illegible]
SAN JOSE, Santa Clara Co., Cal. The Veuve Lagrue Tract.
One-story frame and stucco residence.
Owner and Builder—J. S. Newell, [illegible] Minnesota Ave., San Jose.
Architect—Charles McKenzie, Twin Bldg., San Jose.

Bids In—Held Under Advisement.
RESIDENCE Cost, $—
HILLSBOROUGH, San Mateo County, Calif. Black Mountain Road.
Two - story and basement frame and stucco residence (11 rooms and [illegible] baths) French Manor type, shin

roof, gas heating system, hardwood floors, canvas walls, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Announcement will be made within a few days.

Contract Awarded.
RESIDENCE Cost, $5,000
SANTA CLARA, Santa Clara Co., Cal. El Camino Park.
Two-story frame residence.
Owner—Madeline Simmons, et al, Santa Clara.
Architect—Not Given.
Contractor—A. J. Wilbe, 318 Kearny St., San Francisco.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Alva Hackney, 321 Haberfekle Bldg., Bakersfield, awarded contract at $8,200 for a residence at 2917 21st St., Bakersfield, for Ray Y. Burum, 1917 First Street, Bakersfield.

Contract Awarded.
RESIDENCE Cost, $6800
BURLINGAME, San Mateo Co., Cal.
One-story common brick and stucco residence (French Provincial Type); five rooms, 1 bath ;shake roof, tile bath, hardwood floors, wood sash, etc.
Owner—Karl Mooney, Esq., Pen Realty Co., 1464 Burlingame Avenue, Burlingame.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Hugh McDonald, Redwood City.

Contract Awarded.
RESIDENCE Cost, $8200
BURLINGAME, San Mateo Co., Cal.
Two-story half-timber common brick residence (6 rooms and 2 baths); shake roof, tile baths, hardwood floors, wood sash, etc.
Owner—Karl Mooney, Esq., Pen Realty Co., 1464 Burlingame Avenue, Burlingame.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Hugh McDonald, Redwood City.

Contract Awarded.
RESIDENCE Cost, $10,184
HILLSBOROUGH, San Mateo County, Calif, Hayne Road.
Two-story frame, brick and veneer residence (9 rooms, 3 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths.
Owner—W. K. Holmes, Jr.
Architect—Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—C. H. Bessett, 826 Walnut Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $——
TURLOCK, Stanislaus Co., Calif.
1½-story frame and stucco residence (7 rooms, 2 baths) English type; shingle roof, gas heating system, hardwood floors, tile baths, etc.
Owner—David Hall.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—John A. Lund, 946 East Main St., Turlock.

Contract Awarded.
RESIDENCE Cost, $4,500
BERKELEY, Alameda Co., Cal. Kensington Park.
1½-story frame and stucco residence (five rooms).
Owner—Prof. Arnold Perstein.
Architect—Michael Goodman, 2163 Center St., Berkeley.
Contractor—P. L. Coats, 2837 Foothill Blvd., Oakland.

Construction will start when the loan has been approved.

Construction To Start Immediately.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 2, Block 4, Edenburg Street.
Two-story frame residence (9 rooms, 3 baths) Colonial type; shingle roof, gas hot air heating system, hardwood floors, tile baths.
Owner—W. P. Blump.
Architect — Angus McSweeney, 277 Pine St., San Francisco.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $4,118
ATHERTON, San Mateo Co., Calif. Selby Tract.
One-story board and batten residence.
Owner—Leopold Oppenheimer.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two - story and basement frame and stucco residence (tile roof, warm air heating system, wood sash, tile baths, hardwood floors, etc.)
Owner—Edward L. Barry.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Contractor—Fred. K. DuPuy, 110 Sutter St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $7,000
SAN FRANCISCO, 2518 Union St.
Alterations to residence.
Owner—Dr. Edward C. Bull, 2518 Union Street.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—F. C. Stolte, 3445 Laguna Ave., Oakland.

Sub-Bids Being Taken.
RESIDENCE Cost, $4,000
SAN FRANCISCO, Twenty-eighth St. and Noe.
One - story and basement frame and stucco residence (5 rooms) tile and composition roof, gas heating system, wood sash, tile bath, bath, hardwood floors, canvas walls, etc.
Owner and Builder—Gust L. Peterson, 4386 26th St.
Architect—D. E. Jackle, 126 Post St.

Contract Awarded.
RESIDENCE Cost, $4000
SACRAMENTO, Sacramento Co., Cal. No. 2821 Seventeenth Street.
One-story frame and stucco residence.
Owner—Paul Carrington, 2641 Sixth Ave., Sacramento.
Architect—Not Given.
Contractor—M. Furtado, 2652 16th St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 1415 Thirty-ninth Street.
One-story frame and stucco residence.
Owner and Builder—James Ransdall, 1424 38th St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
COTTAGE Cost, $3000
RICHMOND, Contra Costa Co., Cal. N Sierra St., bet. McLaughlin and Lassen Streets.
One-story frame residence (4 rooms).
Owner and Builder—J. P. Brass, 4050 Maple Ave., Oakland.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $10
PALO ALTO, Santa Clara Co., Calif No. 1427 Byron Street.
One-story frame residence (shingle exterior).
Owner—San Jose Abstract & Title Co. 76 N-First St., San Jose.
Architect—Not Given.
Contractor—Phillip Dart, 131 Park Blvd., Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $200
NORTH PALO ALTO, San Mateo Co., Cal. No. 417 Laurel Avenue.
Alterations to residence.
Owner—J. O. Brown, Premises.
Architect—Not Given.
Contractor—C. Da Mant, 137 Donahue St., Palo Alto.

Sub-Contracts Awarded.
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal. No. 61 King Avenue.
Two-story and basement frame and stucco residence (12 rooms).
Owner—G. M. Greenwood, 21 LaSalle Ave., Piedmont.
Architect — Clarence Tantau, Shreve Bldg., San Francisco.
Contractor — Charles Stockholm, 450 Russ Bldg., San Francisco.
Excavation — Ariss Knapp Co., 901 41st St., Oakland.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
Mill Work — Pacific Mfg. Co., Santa Clara.

Contract Awarded.
RESIDENCE Cost, $4000
LOMA MAR, San Mateo Co., Cal.
One-story frame and stucco residence
Owner—W. P. Baker.
Architect—Not Given.
Contractor — Aetna Constr. Co., 165 Miramar Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost $10,000
PIEDMONT, Alameda Co., Calif. Sea View Avenue.
Two-story and basement frame and stucco residence (7 rooms).
Owner—A. Edwards.
Architect—Williams & Wastell, 374 17th St., Oakltnd.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Cayuga St. and Seneca Ave.
Two one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
ADDITIONS Cosct, $5296
BERKELEY, Alameda Co., Cal. No. 1033 Miller Street.
Additions to residence.
Owner—Philip N. and Clareda A. McCombs, 1033 Miller Ave., Berkeley
Architect—Not Given.
Contractor — Herbert K. Henderson, 398 40th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $8240
SAN FRANCISCO. W Roosevelt Drive N Clifford Terrace.
One-story and basement frame and stucco residence.
Owner—A. and Laura P. Terkel.
Architect—F. E. Amandes, 1879 18th Ave., San Francisco.
Contractor — Anza Home Bldg. Co., 36th Ave. and Kirkham St.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 1 Veteran Way.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 2619 Fifty-seventh Avenue.
One-story frame and stucco residence (5 rooms).
Owner and Builder—Weldon H. Warren, 3502 Foothill Blvd., Oakland.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 258 Twenty-ninth Avenue.
Alterations to residence.
Owner—Harry Wallach, Premises.
Architect — Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. W Forty-fourth Ave. 200 N Lawton St.
One-story and basement frame and stucco residence.
Owner—James and Lenore Doyle, 105 Twenty-first Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Thirty-third Ave. S Kirkham St.
Two one-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger, 320 Judah St., San Francisco.
Plans by Owner.

Bids In—Held Under Advisement.
RESIDENCE Cost, $4500
SAN CARLOS, San Mateo Co., Calif.
One-story and basement frame and stucco residence (five rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Otto and Anna Schmitt.
Architect—Resing & McGuinness, 488 Pine St., San Francisco.
Announcement will me made within a few days.

Contract Awarded.
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Cal. No. 527 Blair Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—L. H. Strickler, 411 Pala Ave., Oakland.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 1800 Cambridge Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 1361 Park St., Alameda.

Contract Awarded.
ADDITION Cost, $2500
STOCKTON, San Joaquin Co., Calif. No. 1470 West Walnut Street.
Addition to residence.
Owner—R. C. McGee, Premises.
Architect—Not Given.
Contractor — J. C. Saccone, 1418 E. Lindsay St., Stockton.

Plans Completed.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 171 Dana Avenue.
Two-story frame and stucco residence (Monterey type) shingle tile roof.
Owner and Builder—William Staller, % architect.
Architect—Harold Stoner, West Portal and Portola Drvie, San Francisco.

Contract Awarded.
RESIDENCE Cost, $30,283
PALO ALTO, Santa Clara Co., Calif. Coleridge and Cowper Streets.
Two-story frame and stucco residence
Owner—Mrs. Herbert Fox, La Porte, Indiana.
Architect—Birge M. and David E. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Being Completed.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. O'Brien.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Bids will be asked in one week.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Williams & Greenough, 130 Lincoln, Bakersfield, awarded contracts for the erection of two residences at 2200-08 A St., Bakersfield, for L. G. Helm, 2128 21st St., Bakersfield. Total cost $12,900.

Contract Awarded.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2923 Schyler Street.
One - story and basement frame and stucco residence (5 rooms).
Owner—Earl Brown, 4622 E 14th St., Oakland.
Architect—Not Given.
Contractor—C. Tollifson, 3311 E. 17th St., Oakland

Plans Being Figured—Bids Close July 23, 12 Noon.
RESIDENCE Cost, $——
MERCED, Merced Co., Cal.
Two-story all-wood residence (Colonial type) 10 rooms and 3 baths; shake roof, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Kent & Hass, 525 Market St., San Francisco.
Jensen & Pederson, 2343 Adeline St., Oakland, is figuring the plans. Other bids will be received from a selected list of Merced and Fresno contractors only.

Plans Being Figured—Bids Close July 26.
RESIDENCE Cost, $9500
SAUSALITO, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 3 baths) slate roof, hot air heating system, steel sash, oak floors, tile baths, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.

Contract Awarded.
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 1138 Sterling Street.
Two-story frame and stucco residence (five rooms).
Owner—Miss Williams.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—C. O. Bradhoff, 911 55th St., Oakland.

CONTRACT AWARDED
BAKERSFIELD, Kern Co., Calif.—Virgil A. Young, 1115 Pacific Street Bakersfield, awarded contract at $3,850 for the erection of a residence at 224 Pacific St., Bakersfield, for Lafayette Banes.

15— SCHOOLS

BIDS WANTED
FLAGSTAFF, Ariz.—Until July 23, 2 P. M., bids will be received by the Arizona State Teachers' College at Flagstaff for remodeling a training school building on the college campus in Flagstaff, a PWA project. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, architects. Certified check for 5% must accompany each proposal.

LOW BIDDERS
LOS ANGELES, Cal.—C. H. Fischer 2404 W. 80th St., submitted low normal bid to Los Angeles board of education at $79,916, for construction of two new one-story classroom buildings at the Florence Avenue school site. N. A. Anderson, 414 Rowan Bldg., low bidder at $91,200 if reinforced concrete hollow wall construction is used. If reinforced concrete ribbed wall construction is used. Chas. J. Dorfman, 124 N. La Brea Ave., will be the low bidder at $91,000. T. R. Jacobs, Homer Laughlin Bldg., architect.

LOW BIDDER
LOS ANGELES, Cal.—Brunzell and Jacobsen, 14,715 La Salle Ave., Gardena, submitted low bid to Los Angeles board of education at $54,000 for construction of 16 frame and stucco bungalows and a stucco craft building at the Emerson junior high school 1650 Selby Ave., West Los Angeles. A. S. Nibecker, Jr., architect.

LOW BIDDER
LOS ANGELES, Cal.—Harold Hansen, 1185 N. Flores St., submitted low bid to Los Angeles board of education at $68,987, for two one-story, frame and stucco school buildings to be built at the Santa Barbara Ave. school site, 3990 S. Western Avenue. Walker & Eisen, 437 S. Hill Street, architects.

BIDS WANTED
LOS ANGELES, Cal.—Until July 31 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the annex building, classroom section, at the Woodcrest school, 1021 W. 109th St. Heth Wharton, 6237 Drexel Avenue, architect. J. J. Rees Engr. Co., Byrne Bldg., structural engineers. Cost, $32-556.

BIDS WANTED
LOS ANGELES, Cal.—Until July 30 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main huilding, less the central portion, at the Eastman Street school, 1200 So. Eastman St. E. L. Taylor, 1128 Citizens' National Bank Bldg., architect, and L. A. Parker, 804 Architects' Bldg., structural engineer. Cost $76,356.

IDS WANTED

COALINGA, Fresno Co., Calif.—Un- l July 29, 7:30 P. M., bids will be eceived by F. J. McCallum, Secre- ary, Coalinga Union High School istrict, for the following:

1) Furnishing and installing electric fixtures in new Science Bldg.;
2) Furnishing and installing Venetian blinds in the new Science Bldg.;
3) Furnishing and installing new electric service line to the Mechanical Shops Bldg.;
4) Furnishing and delivering new cafeteria tables in the cafeteria in the new Science Bldg.

Specifications may be obtained from he Clerk of the Board, 144 W. Elm t., Coalinga.

IDS WANTED

KENTFIELD, Marin Co., Cal.—Un- l August 8, 8 P. M., bids will be re- eived by the Marin Junior College, Kentfield for finishing the one- tory reinforced concrete shop build- ng at Kentfield for the Marin Junior ollege. Work involves plumbing, ainting, steel sash, roofing, etc. A. . Cantin, 557 Market St., San Fran- isco, architect.

Reinforced concrete and carpentry ontracts awarded to DeLuca & Sons, 745 Filbert St., San Francisco, at 5937.

IDS OPENED

RICHMOND, Contra Costa Co., Cal. -Herrick Iron Wks., 18th and Camp- ell Sts., Oakland, at $3564 aub- nitted low bid to Richmond Union igh School District for furnishing aterials and labor for the erection of steel frame in the Roosevelt Junion igh School Auditorium. Louis Stone, 35 Market St., San Francisco, Ar- hitect and R. H. Cooley, structural ngineer, 354 Hobart St., Oakland. Complete bids follow:

Herrick Iron Works, Oakland.....$3564
Schrader Iron Works, S. F..... 3790
Independent Iron Wks., Oakland 4170

Bids held under advisement.

ids Opened.

IGH SCHOOL Cost, $——

OVELO, Mendocino Co., Calif.

ne-story frame and stucco academic building and 1-story frame gym- nasium.

wner—Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).

rchitect—Herbert & Caulkins, Ros- enberg Bldg., Santa Rosa.

Complete bids follow:

(1) Main bid;

Alt. 1: deduct for omitting gymna- um and passage to academic bldg.; Alt. 2: deduct for omitting locker oms, stage, etc.

oth Bros., Woodland.....(1) $64,490
.....(Alternate 1) 30,253
.....(Alternate 2) 13,758
red. Maurer, Eureka.....(1) $63,400
.....(Alternate 1) 28,500
.....(Alternate) 6,750
ohn Hachman, Stockton....(1) $68,600
.....(Alternate 1) 27,200
.....(Alternate 2) 11,655
lbert Nelson, S. F.....(1) $83,802
.....(Alternate 1) 38,542
.....(Alternate 2) 14,293

Bids held under advisement.

Contract will probably be awarded, ccepting Alternates 1 and 2.

IOND ELECTION

SELMA, Fresno Co., Calif.—Selma igh School District will vote on Aug.) on a proposal to issue bonds in the mount of $33,000, proceeds to fi- ance construction of a gymnasium nd shop building at the Selma High chool. Application has been filed ith the PWA for a grant of $27,000.

BIDS WANTED

ALAMO, Nevada — Until July 22, bids will be received by Alamo High School Trustees for the construction of a new high school building in Alamo, Nevada; a PWA project. It will be a cement block structure, containing five classrooms and an auditorium, and will cost approximately $25,000.

Preparing Sketches.

PAJARO, Santa Cruz Co., Cal.

Addition to grammar school (add one classroom and two toilets).

Owner—Pajaro Union School District.

Architect — Chas. Butner, 51 Maple St., Salinas.

Application will be filed with the PWA for a grant to assist financing proposed work.

Bids Wanted—To Close July 22, 12 Noon.

ADDITIONS Cost, $125,000

YAKIMA, Washington.

Three-story classroom addition to high school.

Owner—School District 7, B. F. Kumler, Secretary.

Architect—John W. Maloney, Larson Bldg., Yakima, Wash.

Plans and specifications may be obtained from the architect upon deposit of $15.

BIDS OPENED

SAN FRANCISCO.—Following bids received by the Department of Public Works for interior and exterior painting of the following schools:

(1) Laguna Honda School, 7th Ave. and Irving Street.
(2) Parkside School, 25th Avenue and Ulloa Street.
(3) Sheridan School, Capitol Avenue and Lobos Street.
(4) High School of Commerce, Van Ness Ave. and Hayes St.
(5) S. F. Continuation School, 16th and Mission Streets.
(6) Portola Jr. High School, Bacon and Berlin Streets
(7) Columbus School, 12th Ave. and Kirkham Street.
(8) Jefferson School, 19th Ave. and Irving St.

(1) American Bldg Maintenance Co., 467 O'Farrell St.....$2,490
(1) W. G. Thompson..... 2,595
(1) Erling Anderson 2,665
(1) D. Zelinsky 3,390
(1) R. P. Paoli 3,390
(2) R. P. Paoli, 3159 Fillmore.....$1,970
(2) Erling Anderson 2,195
(2) American Bldg. Maintenance 3,440
(3) W. G. Thompson, 336 Church Street $3,195
(3) R. P. Paoli 4,290
(4) R. P. Paoli, 3159 Fillmore.....$2,910
(5) John J. Murray, 35 Jersey....$1,825
(5) Reliable Painting Co..... 2,230
(5) R. P. Paoli 2,466
(5) John G. Exley 3,300
(6) Reliable Painting Co., 3247 19th Street $2,290
(6) R. P. Paoli 2,590
(6) John G. Exley 3,797
(7) Cramer Bros., 1325 Clement..$1,780
(7) Erling Anderson 1,885
(7) American Bldg. Maintenance 2,440
(7) W. G. Thompson 2,495
(7) Reliable Painting Co..... 2,590
(7) D. Zelinsky 2,597
(7) R . P. Paoli 2,670
(8) D. Zelinsky, 165 Grove St.....$4,690
(8) R. P. Paoli 4,885

Bids held under advisement.

BIDS WANTED

OROVILLE, Butte Co., Cal.—Until August 1, 12 Noon, bids will be received by Mildred P. Martin, Clerk, Oroville Union High School District, for construction of a new roof on the main high school building in Oroville.

Specifications may be obtained at the office of the Clerk in Oroville.

BIDS OPENED

TULE LAKE, Siskiyou Co., Cal. W. M. Lorenz, Klamath Falls, Oregon, and Pete Bergman, Tule Lake, at $5,-064.96 submitted low bid to Siskiyou Union High School District for furnishing and installing plumbing and heating system in gymnasium bldg at Tule Lake. Plans prepared by Architects Starks and Flanders, Forum Bldg., Sacramento.

Complete bids follow:

(1) Plumbing; (2) Heating; (3) Combination bid for plumbing and heating systems.

W. M. Lorenz, Klamath Falls, Ore., and Pete Bergman, Tule Lake. (1) $1,296.96; (2) $3,768.00; (3) $5,-064.96.

G. C. Motley, Klamath Falls, (3) $5,292.00.

C. S. Allingham, Mount Shasta, (3) $5,489.06.

Luppen & Hawley, Sacramento, (1) $1,732; (2) $4,267; (3) $5,899.

M. R. Carpenter, Sacramento, (3) $6,540.

Bids held under advisement.

BID OPENING POSTPONED TEMPORARILLY

FORT BRAGG, Mendocino Co., Cal. —Fort Bragg Union High School District has postponed the bid opening of the shop building to be erected at the Junior School in Fort Bragg. Bids were scheduled to have been opened on July 9, 8 P. M.

Upon final approval of plans prepared by Architect Norman Coulter, 46 Kearny Street, San Francisco, by the State Division of Architecture, at Sacramento, new bids will be asked.

Commissioned To Prepare Plans.

SCHOOL Cost, $45,000

DEL REY, Fresno Co., Calif.

One-story frame and stucco school (6 classrooms) tile roof, gas heating system, etc., auditorium to seat 500.

Owner—Prairie School District.

Architect—Swartz & Ryland, P. O. Box 790, Monterey.

Application filed with the PWA for a loan and grant to assist financing proposed structure.

Plans Awaiting PWA Approval.

SCHOOL Cost, $45,000

WARM SPRINGS, Alameda Co., Cal.

One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.

Owner — Warm Springs Grammar School District.

Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Upon approval of plans bids will be asked.

Plans Awaiting PWA Approval.

RECON. SCHOOL Cost, $17,000

OAKLAND, Alameda Co., Calif. 110 Sunnyhills Road.

Reconstruction and rehabilitation of Crocker School.

Owner—Oakland Board of Education.

Architect—W. G. Corlett, Bank of America Bldg., Oakland.

Bids will be asked in about 1 week.

Plans Awaiting PWA Approval.

RECON. SCHOOL Cost, $45,000

OAKLAND, Alameda Co., Calif. 81st Ave. and Olive St.

Reconstruction and rehabilitation of Webster School.

Owner—Oakland Board of Education.

Architect—W. G. Corlett, Bank of America Bldg., Oakland.

Bids will be asked in about 1 week.

Plans Being Completed

RECON. SCHOOL Cost, $10,000
OAKLAND, Alameda Co., Calif. 5714 Grove Street.
Reconstruction of University High School Shop.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Bids will be asked in two or three weeks.

Plans Being Completed

RECON. SCHOOL Cost, $100,000
OAKLAND, Alameda Co., Calif. 1926 19th Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Bids will be asked in two or three weeks.

BIDS WANTED

LONG BEACH, Cal.—Until July 26, 4 P. M., bids will be received by the Long Beach board of education for the construction of ten classroom bungalows, transformer vault and physical education building at Long Beach junior college site. K. Cutter, 707 Farmers & Merchants Bank Bldg., architect.

BOND ELECTION PLANNED

BAKERSFIELD, Kern Co., Calif.—Kern County Union High School trustees have under consideration a petition urging the board to call a bond election to finance the construction of a proposed high school auditorium in Bakersfield to cost $300,000. A similar proposal was defeated by a narrow margin last year.

LOW BIDDER

LOS ANGELES, Cal.—K. R. Bradley Const. Co., 1833 W Pico St., submitted low bid to Los Angeles board of education at $42,786, for a new building, Unit No. 1, to be built at the Hammel Street school, 438 North Bannick St. Claud K. Smithley, 1727 N. Alexandria St., architect.

Plans Being Prepared.

GYM. & POOL Cost, $110,000
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete gymnasium and swimming pool.
Owner—Watsonville High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application will be filed with PWA for a loan and grant to finance proposed work. If granted a bond election will be held.

Plans Being Prepared.

LIBRARY Cost, $20,000
SUNNYVALE, Santa Clara Co., Cal.
One-story reinforced concrete library (tile roof).
Owner—Sunnyvale - Cupertino High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application will be filed with PWA for a loan and grant to finance construction.

Contract Awarded.

ADDITION Cost, $4,898
GONZALES, Monterey Co., Calif.
Addition to gymnasium.
Owner—Gonzales Union High School District.
Architect—Koepp and Campbell (Guy Koepp, Architect) Carmel.
Contractor — P. T. Wallstrum, 854 Main St., Watsonville.

BIDS OPENED

SEBASTOPOL, Sonoma Co., Cal.—Following bids received by the Analy Union High School District for furnishing and installing furniture and equipment in the high school building now under construction in Sebastopol.
(1) Auditorium seats;
(2) Stage and auditorium drapes;
(3) Window shades;
(4) Lavatory furniture;
(5) Classroom desks;
(6) Library furniture and sewing furniture;
(7) Locker locks.

F. E. Turner, S. F.	(1)	$4,679.25
	(2)	991.75
	(4)	3,648.00
	(5)	3,009.60
	(7)	784.00
Western Seating Co.	(2)	$1,504.00
W. W. Kirk	(7)	$ 784.00
E. H. Shelden by J. T. Spencer	(4)	$3,310.00
	(6)	1,973.00
Remington Rand Co., San Francisco	(6)	$1,777.77
Rucker Fuller Co., S. F.	(5)	$2,996.80
	(6)	1,749.30
Heywood Wakefield Co., San Francisco	(1)	$4,833.39
	(5)	2,996.80
General Seating Co. S. F.	(1)	$4,910.46
	(2)	996.50
	(3)	1,200.00
	(4)	3,000.00
	(5)	2,996.80
	(6)	1,710.00
Peabody Seating Co.	(1)	$4,117.74
	(3)	998.75
	(5)	2,996.80
R. Brandlein, S. F.	(4)	$2,922.04
	(5)	1,578.00
American Seating Co., San Francisco	(1)	$4,459.05
	(3)	3,126.23
	(5)	2,996.80
	(6)	1,821.12

Bids referred to PWA for approval.

BIDS WANTED

SAN FRANCISCO—Until July 31, 2:30 P. M., bids will be received by S. J. Hester, Chief Deputy Director, Department of Public Works, Room 251, City Hall, for following work at the Lowell High School, Grove, Ashbury, Hayes streets and Masonic Ave.
Electrical Work—Estimated to cost $4500.
Plumbing and Gas Fitting—Estimated to cost $2500.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $25 for each portion of work.

CONTRACT AWARDED

LOS ANGELES, Cal.—Brunzell and Jacobson, 14,715 La Salle Ave., Gardena, awarded contract by Los Angeles board of education at $54,000, for construction of 16 frame and stucco bungalows and a stucco craft bldg. at the Emerson junior high school, 1650 Selby Ave., West Los Angeles. A. S. Nibecker, Jr., architect.

CONTRACT AWARDED

LOS ANGELES, Cal.—K. R. Bradley Const. Co., 1833 W. Pico Street, awarded contract by the Los Angeles board of education at $42,786 for a new building, unit No. 1, to be built at the Hammel Street school, 438 N. Bannick St. Claud K. Smithley, 1727 N. Alexandria St., architects.

CONTRACT AWARDED

LOS ANGELES, Cal.—Atlas Const. Co., 39 Congress St., Pasadena, was awarded contract by the Los Angeles board of education at $37,500 for the reconstruction, strengthening and rehabilitation of the 1928 addition at the Riggin Avenue school, 4865 East Riggin Ave. Arthur L. Acker, 1345 S. Sycamore Ave., architect, and Maurice Sasso, I. W. Hellman Building, structural engineer.

CONTRACT AWARDED

HOLLYWOOD, Los Angeles C Cal.—Chas. J. Dorfman, 124 North Brea Ave., awarded contract by L Angeles board of education at $ 360, for reconstruction, rehabilitat and strengthening of the two-st Class D brick library building at Hollywood high school, 1521 N. Hi land Ave. Marsh, Smith and Pov 516 Architects' Bldg., architects.

CONTRACT AWARDED

BERKELEY, Alameda Co., Cali M. G. West Co., 117 Front Street, S Francisco, at $4,172 awarded contr by the Regents of the University California for furnishnig and inst ing library stacks and flooring on p of the eighth tier southwest block stacks at the University Libr University of California, Berkeley.

Contract Awarded.

ADDITION Cont. Price, $16
NORTH SACRAMENTO, Sacrame County, Calif.
One-story frame and stucco wing dition to school add four cla rooms).
Owner—Hagginwood School Distri
Architect — Harry Devine, Califor State Life Bldg., Sacramento.
Contractor—Azevedo Const. Co., O St., Sacramento.
Complete bids follow:

Azevedo Const. Co.	$16
P. F. Bender	16
H. W. Robertson	16,8
F. H. Betz	18 8
M. R. Peterson	18 0
Chas. Unger	18 5
Camphell Const. Co.	18 8
C. H. Lawrence	20 4

Bids Wanted—To Close August 6, P. M.

SCHOOL Cost, $
NEWPORT, Oregon.
Two-story frame school (8 classroo gymnasium and auditorium, st and dressing rooms, cafeteria kitchen to accommodate 200).
Owner—Newport School District.
Architect —F. Marion Stokes, minal Sales Bldg., Portland.
Plans and specifications may be tained from the architect upon dep of $15.

Bids Wanted — To Close Augus 4 P. M.

RECON. SCHOOL Cost, $4
OAKLAND, Alameda Co., Calif. Ave. and Olive St.
Reconstruction and rehabilitation Webster School.
Owner—Oakland Board of Educat
Architect — W. G. Corlett, Ban America Bldg., Oakland.
Plans and specifications may be tained from Department of Archi ture and Engineering, Oakland B of Education, upon deposit of $25.

Bids Wanted — To Close Augus 4 P. M.

RECON. SCHOOL Cost, $1
OAKLAND, Alameda Co., Calif. 110 Sunnyhille Road.
Reconstruction and rehabilitation Crocker Highlands School.
Owner—Oakland Board of Educa
Architect — W. G. Corlett, Ban America Bldg., Oakland.
Plans and specifications may be tained from the Department of A tecture and Engineering, Oak Board of Education upon depos $25.

CONTRACTS AWARDED

SAN FRANCISCO—Departmen Public Works awarded following tracts for interior and exterior p of schools as follows:
D. Zelinsky & Sons, Inc., 165 C St. (High School of Commerce).

Ness Ave. and Hayes St., $2496.
D. Zelinsky & Sons (Jefferson School), 19th Ave. & Irving St., $4690
John J. Murray, 35 Jersey St. (S F. Continuation School), $1825.
Reliable Painting Co., 3247 18th St. (Portola Jr. High School), Bacon and Berlin Sts., $2290.
Cramer Bros., 1325 Clement Street, (Columbus School), 12th Ave. and Kirkham St., $1780.
American Building Maintenance Co., 467 O'Farrell St., (Laguna Honda School), 7th Ave. and Irving St., $2490
R. P. Paoli & Co., 2530 Lombard St. (Parkside School), 25th Ave. and Ulloa St., $1970.
W. G. Thompsoon, 336 Church St., (Sheridan School), Capitol Ave. and Lobos St., $3195.
Complete bids published July 15.

CONTRACT AWARDED
LOS ANGELES, Calif.—Robert E. Millsap, 603 Pacific Commerce Bldg., awarded contract by Roman Catholic Bishop of Los Angeles and San Diego at $34,290, for a 2-story concrete parochial school building to be built at the St. Ambrose school, 1265 N. Fairfax Blvd. Henry C. Newton and Robt. D. Murray, 502 Architects Bldg., architect.

16— BANKS, STORES AND OFFICES

Contract Awarded.
OFFICE BLDG. Cost, $10,000
WILLOWS, Glenn Co., Cal.
One-story and basement reinforced concrete office building (2 vaults) (25x65 feet) air conditioning system, etc.
Owner—Glenn County Title Company.
Architect—Not Given.
Contractor — A. F. Remter, Artois, California.

Plans Being Completed.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. SE Fourth and K Streets.
One-story brick store building (80x160 feet).
Owner—Max Marthowitz Co., Inc.
Architect—Frederick S. Harrison, 1005 Tenth St., Sacramento.
Engineer—F. W. Kellberg, 320 Market St., San Francsico.

Planned.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and L Streets.
Alterations to present garage building for office building.
Owner—State of California.
Architect—George B. McDougall, State Architect, Public Works Building, Sacramento.
Further details will be announced shortly.

CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Morgan & Co., 4862 Santa Monica Blvd., Los Angeles, awarded contract by the Capital Co., 625 Market St., San Francisco, for exterior and interior painting and steam cleaning of the exterior of the Mattei Bldg., Fulton and Fresno Sts., Fresno.

Contract Awarded.
RADIO STATION Cost, $——
SACRAMENTO, Sacramento Co., Cal. Seventh and I Streets.
One-story radio broadcasting station (frame, stucco and brick construction, tile trim) 6,242 sq. ft. floor space.
Owner — The Sacramento Bee Radio Station (KFBK).
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor—Frank Maloney, 3172 T St., Sacramento.

Contracts Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. SE O'Farrell and Stockton Streets.
Alterations to store building.
Owner—Baldwin & Finkenstein Est.
Architect—Bernard J. Joseph, 74 New Montgomery Street.
Metal Partitions—Dwan & Co., 126 Post Street.
Iron—Mortenson Const. Co., 608 Indiana Street.
Plumbing—Ahlbach & Mayer, 85 Dorland Street.
Electric—Edward J. Lynch, 2080 Sutter Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Carpentry—Louis J. Cohn Russ Bldg.
Ornamental Iron—Patterson & Koster Iron Works, 280 13th St.
Terra Cotta Tile—Malott & Peterson, 3221 20th St., and Gladding, McBean & Co., 660 Market Street.
Painting—M. Cohen, 814 Stockton St.
Plastering—James F. Smith, 271 Minna Street.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Rough Lumber—Rolando Lumber Co., 301 Berry Street.

Contract Awarded.
ALTERATIONS Cost, $4,000
BERKELEY, Alameda Co., Cal. 2284 Shattuck Avenue.
Alterations to building.
Owner—East Bay Syndicate.
Architect—Not Given.
Contractor—Thos. E. Daley, 110 Vancouver Ave., Burlingame.

Planned.
STORE Cost, $100,000
SALEM, Oregon. No. 145 N. Liberty Street.
New store building (two-story structure).
Owner—Montgomery Ward Co., Chicago, Ill.
Plans by Engineering Dept. of Owner. Further details will be announced shortly.

Sub-Contracts Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 111 Sutter St.
Alterations to ground floor of Hunter-Dulin Building (interior alterations, electrical work, plumbing, painting, plastering and floor covering).
Owner—Dean Witter & Co., 486 California Street.
Architect—Kent & Hass, 525 Market Street.
Contractor—Ostlund & Johnson, 1901 Bryant Street.
Steel — Schrader Iron Works, 1247 Harrison Street.
Plastering—A. W. Cordes, 666 Mission Street.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN JOSE, Santa Clara Co., Calif. San Fernando and Market Sts.
Alterations to store building.
Owner—Robert Benson, Premises.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor—G. M. Latta, 157 Rhodes Court, San Jose.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN JOSE, Santa Clara Co., Calif. No. 125 S-First Street.
Alterations to store building.
Owner—Fashion Bootery, Premises.
Architect—Not Given.
Contractor—Louis Dunn, 424 Monadnock Bldg., San Francisco.

Plans Being Prepared.
MARKET Cost, $20,000
MODESTO, Stanislaus Co., Calif. Twelfth and J Streets.
One-story market building (200x140 feet).
Owner—Carl W. Shannan, Modesto.
Architect — Russell Guerne deLappe, 5905 Keith St., Berkeley

Contract Awarded.
ALTERATIONS Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 1014 K Street.
Alterations to stores.
Owner—Sacramento Hotel Corp.
Architect—Not Given.
Contractor—A. Fisher, 800 35th St., Sacramento.

Plans Being Figured—Bids Close July 22nd, 5 P. M.
STORE & APT. Cost, $——
SAN FRANCISCO. Irving Street near Ninth Avenue.
Two-story and basement frame and stucco store and apartment (four-room apartment) hardwood floors, tile bath, etc. (store to have dyed cement floors, composition roofing gas heating system, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Avenue.

PLANS BEING FIGURED—BIDS TO CLOSE July 29.
BEVERLY HILLS, Los Angeles Co. Cal.—Architects John and Donald B. Parkinson, 808 Title Insurance Bldg., Los Angeles, have completed plans and are taking bids from a selected list of contractors for a 5-story Class A store building (60x150-ft.) to be erected on the south side of Wilshire Blvd., between Rodeo and Camden Drive, Beverly Hills, to be occupied by W. & J. Sloane, 644 S. Broadway, Los Angeles.

Planned.
STORE Cost, $6,000
WILLOW GLEN, Santa Clara Co., Cal. Lincoln Avenue.
One-story reinforced concrete store.
Owner—Safeway Stores, 40 N. Morrison Ave., San Jose.
Plans by Engineering Dept. of Owner.

Bids Wanted—To Close August 6, 2:00 P. M.
ACOUSTICAL WORK Cost, $——
SACRAMENTO, Sacramento Co., Cal. State Capitol Building.
Acoustical treatment in Senate Chamber at State Capitol.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications may be obtained from above office upon deposit of $10.

Contract Awarded.
ALTERATIONS Cost, $2500
OAKLAND, Alameda Co., Cal. No. 2400 Webster Street.
Alterations to store building (alter front, etc.)
Owner—Farmers and Merchants Savings Bank, 13th and Franklin Sts., Oakland.
Architect—Not Given.
Contractor—Frei J. Early Jr., 366 40th St., Oakland.

Plans Completed.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. 1671 Ellis St.
Alterations to theatre.
Owner—Care San Francisco Bank, 526 California Street.
Architect—Wm. I. Garren, 233 Post.

Contract Awarded.
THEATRE Cost, $30,000
COLFAX, Wash. Canyon and Mill Streets.
Two-story reinforced concrete theatre (44x100 ft.) to seat 400, stores and apartments; heating plant, air

conditioning system, sound equipment, etc.
Owner—F. C. Weskil, Sandpoint, Ida., and LaVance Weskil, Rose Theatre, Colfax, Wash.
Architect—Byarne H. Moe, 318 Second Ave., Seattle.
Contractor—S. W. True, Opportunity, Washington.

17— THEATRES

BIDS WANTED

SAN FRANCISCO—Architect A. A. Cantin, 557 Market St., is receiving bids for a new marquee for the following theatres in San Francisco for Nassar Bros. Cost estimated at $3000 each:
(1) Royal Theatre; Polk St. at California Street.
(2) Alhambra Theatre, Polk & Green Streets.

Contract Awarded.

REPAIR THEATRE Cost, $7000
SAN FRANCISCO. SE Ninth Avenue and Clement St.
Repair fire damage to theatre (Coliseum Theatre).
Owner—S. H. Levin, 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor — Ira W. Coburn, 2048 Market St., San Francisco.

18—WHARVES & DOCKS

July 18, 1935

Preliminary Plans Completed.

YACHT HARBOR Cost, $80,000
VALLEJO, Solano Co., Cal.
Construct yacht harbor.
Owner—City of Vallejo.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Application has been filed with the PWA for a grant of $30,000.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

LOS ANGELES, Calif. — Calhoun-Hastings, Ltd., 1150 N. Las Palmas Ave., awarded contract for a one- and part two-story brick and reinforced concrete film exchange building to be built at the corner of Vermont and 20th Sts. for W. D. Johnston. Milton J. Black, 5369 Wilshire Blvd., architect.

July 18, 1935

TO ASK BIDS.

PASADENA, Cal.—Santa Fe Railway Company's engineering department, Kerckhoff Bldg., Los Angeles, will take bids within a few days for a new passenger station to be erected in Pasadena to replace the old station at Green St. and Raymond Ave. It will be a frame and stucco structure with tile roof. Plans were prepared by the owner's architectural department.

BIDS WANTED

PORTLAND, Oregon—Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, Major Milo P. Fox, District Engineer, under Bid No. 698-36-17, for constructing and delivering afloat at Government Moorings, No. 8010 NW. St. Helens Road, Portland, one single screw Diesel electric-driven survey boat.
Specifications obtainable from the above office upon deposit of a certified check or U. S. money order in the amount of $100, payable to the "Disbursing Officer, U. S. Engineer Office, First Portland District, 306 Customhouse, Portland."

CONTRACT AWARDED

LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, awarded a contract for a one-story stage building, 156x300 ft. in area, and a three-story storage building, 40x60 ft. in area, at 780 N. Gower St., for RKO Studios. Cost, $180,000. Clyde Deuel, 405 Douglas Bldg., structural engineer.

CONSTRUCTION STARTED

BURBANK, Los Angeles Co., Cal. —Warner Bros.—First National Studios, Burbank, started work this week on the construction of two single sound stages at the company's Burbank studio. Work is being handled by the owner's department of permanent construction. Each building will be 135x160 ft. in area and 35 ft. high.

Planned.

POOL Cost, $12,000
ATWATER, Merced Co., Calif.
Swimming pool (120x40 feet) locker rooms, ticket booth, etc.
Owner—City of Atwater.
Engineer—W. E. Bedersen, Modesto.

Contracts Awarded.

TRANSMITTING STA. Cost, $5,000
STOCKTON, San Joaquin Co., Calif. Manteca Highway.
One - story steel frame and stucco transmitting station (20x30-ft.)
Owner—E. F. Peffer, 40 S. California St., Stockton.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Contractor—Wm. E. Wheeler, 244 E. Pine St., Stockton.
Steel Tower—Blair Knox, Stockton.
Radio Equipment — Graybar Electric Co., 9th and Howard Streets, San Francisco. *

Contract Awarded.

MAUSOLEUM Cost, $35,000
SAN JOSE, Santa Clara Co., Calif. Monterey Road.
Reinforced concrete mausoleum (marble and bronze interior) 250 crypts.
Owner—Oak Hill Mausoleum Assn., Monterey Road, San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor — H. A. Bridges, 1398 Lincoln Ave., San Jose.

Plans Being Prepared.

RADIO STATION Cost, $25,000
SAN MATEO COUNTY, Cal. Skyline Blvd. near San Mateo-Half Moon Bay Road.
One-story and basement concrete or hollow tile radio receiving station.
Owner—Globe Wireless Co., 311 California St., San Francisco (Jack Kaufman, general manager).
Plans by Engineering Dept. of Owner. Bids will be asked in about thirty days.

Contract Awarded.

ALTERATIONS Cost, $3,000
SAN FRANCISCO. NE Golden Gate Avenue and Masonic.
Alterations to mortuary.
Owner—Jerome A. Carew.
Architect—C. G. Lundgren, 1460 Willard Street.
Contractor—Jacks & Irvine, 620 Market Street.

Bids Wanted—To Close July 29, 2 P. M. (To be opened at 3 P. M.)

YACHT HARBOR Cost, $350,000
SAUSALITO, Marin Co., Cal.
Erect five buildings, shipyard and steel fencing.
Owner — Golden Gate Yacht Harbor, Ltd., 897 Mills Bldg., San Francisco (Albert Von Der Werth, President).
Architect—Angus McSweeney, Willis Polk & Co., 277 Pine St., San Francisco.
Contract includes erection of four 2-story frame and stucco buildings to house stores, shops, boat storage space, locker rooms and offices and one small fireproof building for paint shop.
A separate contract will be let for constructing pier, bulkhead and wharves.
(See Item under Classification 22)
The work is financed with PWA loan.
Plans and specifications available at 897 Mills Bldg., on deposit of $10, of which $5 is returnable; and on file there for inspection.

Contract Awarded.

ALTERATIONS Cost, $11,000
ALAMEDA, Alameda Co., Cal. No. 2244 Santa Clara Avenue.
Alterations and additions to mortuary.
Owner—Fowler-Anderson.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda.

BIDS OPENED

GOVERNMENT ISLAND, Calif.—Following bids received by H. R. Marsh, Assistant Supply Officer, U. S. Forest Service, Government Island, under Bid No. 2691, for furnishing ready-cut buildings fob Gualala Lookout site, one each Type C and Type G:
E. K. Wood Lumber Co., San Francisco: (1) $1112; (2) $361.89.
McCormick Supply Co., San Francisco: (1) $1200; (2) $512.
Tilden Lumber Co., Oakland: (1) $1300; (2) $500. *

BIDS OPENED

LOS ANGELES, Cal.—H. O. Bauerle 8952 Ellis Ave., Los Angeles, submitted low bid to the Metropolitan Water District July 11 at $3710.08, for constructing a telephone line near the Cajalco Reservoir in accordance with Spec. No. 108. The work is located in Riverside County and comprises the construction of approximately 6.2 ml. of telephone trunk line from a point near Shaft No. 4 of the Valverde tunnel at the Colorado River Aqueduct to a point near the outlet of the Cajalco Reservoir.
The bids follow:
H. O. Bauerle, Los Angeles: (1) $598.40; (Total) $3710.08*.
Quality Electric Co., Los Angeles: $600.00; $3720.00.
Rexroth and Rexroth, Bakersfield, $645; $3999.
Commercial Electric Co., Los Angeles: $660; $4092.
H. H. Walker, Los Angeles: $666; $5129.20.
Newbery Electric Corp., Los Angeles: $754.73; $4668.
Norton & Norton Electric Co., Los Angeles: $777; $4817.40.
E. C. Nickel, Los Angeles: $786.00; $4873.00.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing 17,250 bbls. Portland cement to be used in connection with the construction of a reinforced concrete conduit from Pickin's Canyon debris basin to Verdugo Wash were opened by the Los Angeles County Board of Supervisors July 15. The bids were:
Monolith Portland Cement Co., $1.-805 bbl., $31,136.25; 10th following mo., $29,411.25.
Southwestern Portland Cement Co., $1.805 gross; $31,136.25; net, $29,411.25.
California Portland Cement Co., $1.-

885 bbl.; $32,516.25; net. $30,791.25.
Riverside Cement Co., $1,885 bbl.; $32,516.25; net, $30,791.25.
Graham Bros., Inc., $1,945 bbl.; $33-551.25; net, $31,826.25.
Blue Diamond Corp., $1,965 bbl., $33,896.25; net, $32,171.25.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colorado, July 11, under Spec. No. 695-D, for furnishing four switchyard oil storage tanks and two oil sump tanks and appurtenances for the Boulder Power Plant, Boulder Canyon Project:

Berkeley Steel Constr. Co., Inc., f.o.b. Berkeley, $2854; net.
Chicago Bridge & Iron Co., f.o.b. Washington Heights, Ill., $4144; net.
John W. Beam, f.o.b. Chicago, Illinois, $4640; ½%.
Lacy Mfg. Co., f.o.b. Los Angeles, $2990; net.
California Steel Products Co., f.o.b. San Francisco, $3460; net.
Valley Iron Works, f.o.b. Yakima, Wash., $3053; 2%; delivery in 30 days.
Consolidated Steel Corp., Ltd., f.o.b. Los Angeles, $2145; net.
Beuhler Tank & Welding Works, f.o.b. Los Angeles, $3020; net.
Steel Tank & Pipe Co. of Oregon, f.o.b. Portland, Oregon, $3260; net.
McClintic Marshall Corp., f.o.b. Leetsdale, Pa., $5340; net; delivery in 43 days.
Graver Tank & Pipe Mfg. Co., f.o.b. E. Chicago, Ind., $3608 ½%.

All bidders specified delivery in 40 days unless otherwise noted.

BIDS OPENED

LOS ANGELES, Cal.—Eight identical bids for furnishing reinforcing steel to be used in connection with the construction of a reinforced concrete conduit from Pickens Canyon debris basin to Verdugo Wash were opened by the Los Angeles Board of Supervisors July 15. Bids were taken as follows:

(1) 1700 cwt. 1-in. square deformed steel;
(2) 1380 cwt. 1-in. round do;
(3) 12.5 cwt. ⅞-in. do;
(4) 2020 cwt. -in. do;
(5) 6350 cwt. ⅝-in. do;
(6) 50.5 cwt. ½-in. square do;
(7) 1970 cwt. ½-in. round do;
(8) 1650 cwt. ⅜-in. do.

The bids were: (1) $2.8228;)(2) $2.-8228; (3) $2.8228; (4) $2.8228; (5) $2.-9228; (6) $3.0228; (7) $3.0228; (8) $3.-228; total $44,416.54; net, total $44,-705.92.

The bidders were: Concrete Engr. Co., Truscon Steel Co., Graham Bros., Los Angeles Iron & Steel Co., Security Materials Co., Soule Steel Co., Blue Diamond Co. and J. W. Black Co., Ltd.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., July 8, under Spec. No. 627, for furnishing approximately 1,000,000 lbs. of pipe, fittings, and valves for the Boulder Power Plant, Boulder Canyon Project:

Chapman Valve Mfg. Co., fob Boulder City: (1) $15,622; (2a) $3,672; (2b) $1,506.88; (3) (4) (5) no bid; discount, 2%.

Green-Wolf Co., Inc., fob Reading, Pa.: (1) $12,230; (2a) $3,065; (2b) $1.-243; (3) (4) (5) no bid; (1 and 2a) $15,270; (1 and 2b) $13,448; 2%.

Mine & Smelter Supply Co., fob Boulder City: (1) $16,665; (2a) $4,014; (2b) $1,643; (3) (4) (5) no bid.

Grinnell Co. of the Pacific: (1) $12,-559.91; (2a) $2,863; (2b) $1,268.83; (3) $49,353.77; (4) $7,138.79; (5) $14,937.36; (3 and 4) $56,186.12. Items 1 and 2 fob Reading; discounts 2%; Items 3 4 and 5 fob Boulder City; net.

Midwest Piping & Supply Co., Inc., fob Boulder City: (1) $16,954; (2a) $5,-547; (2b) $1,586; (3) $49,615; (4) $6,-607; (5) $16,443; (1, 2, 3 and 4) $80,-310; (3 and 4) $56,222; (3 and 5) $66,-058; 2% discount.

Crane - O'Fallen Co., fob Boulder City: (1) $15,919.24; (2a) $4,200; (2b) $1,586.20; (3) $43,165.81; (4) $5,295.10; (5) $17,572.43; (1, 2b, 3 and 4) $65,-966.35; (1, 2a, 3 and 5) $80,857.48; 2% discount.

Pittsburgh Piping & Equipment Co. fob Boulder City: (1) $18,300; (2a) $5-755; (2b) $1,760; (3) $51,226; (4) $5,-950; (5) $16,620; 2% .

Standard Sanitary Mfg. Co., fob Boulder City: (1) $16,665; (2a) $4,-014; (2b) $1,643; (3) $48,283; (4) $5,-777; (5) $16,457; 2%.

Salt Lake Hardware Co., fob Boulder City: (1) $16,665; (2a) $4,014; (2b) $1,643; (3) $48,283; (4) $5,777; (5) $16-457; 2% discount.

John W. Beam, fob Boulder City: (1) $16,625; (2a) $4,000; (2b) $1,640; (3) $48,175; (4) $5,775; (5) $46,400; (1, 2b 3 and 4) $72,200; (1, 2a, 3 and 5) $85,225; 2 %.

Associated Piping & Engr. Co., Ltd., fob Boulder City: (1) $15,000; (2a) $4,-685; (2b) $1,650; (3) $41,190; (4) $4,-664; (5) $24,483; (1, 2b, 3 and 4) $62,-400; (1, 2a, 3 and 5) $84,000; (3 and 5) $64,415; 2% discount.

Power Piping Co.: (1) $12,315; (2a) $2,830; (2b) $1,268; (3) $39,062; (4) $2,748; (5) $15,990; Items 1 and 2, fob Reading, Pa.; Items 3 4 and 5 fob Pittsburgh, Pa.; 2% discount.

Miller Supply Co., fob Boulder City, (1) $16,665; (2a) $3,893; (2b) $1,593; (3) $46,835; (4) $5,603; (5) $15,968; 2% discount..

BIDS OPENED

SAN FRANCISCO. — Bids for furnishing lumber for the School Department, under Bid No. 1411, were opened by T. A. Brooks, Purchaser of Supplies, City Hall, July 15.

Bids were taken as follows:

(1a) Softwood;
(1b) Hardwood.
Alternate, lump sum for (1a) and (1b).
(2) Special classes, delivery to 36 schools;
(3) Aptos Junior High;
(4) Mission High School;
(5) Galileo High School.
Complete bids follow:

Forsythe Hardwood Co.: (1a) no bid; (1b) $1,259; Alt., no bid; (2) $384 (3) $19.80; (4) $51.75; (5) $15.80.

White Bros.: (1a) no bid; (1b) $1,-480.82; (Alt.) no bid; (2) no bid; (3) $23.90; (4) $57.30; (5) $19.45.

Allen & Dettman Lumber Co.: (1a) $1,585; (1b) no bid; (Alt.) no bid; (2) $495; (3) (4) (5) no bid.

Smith Lumber Co.: (1a) $1,460.66; no bid on other items.

Davis Hardwood Co.: (1b) $1,911.37; no bid on other items.

San Francisco Lumber Co.: (1a) $1-650.53; (1b no bid; (Alt.) no bid: (2) $385; (3) no bid; (4) $80; (5) $33.

J. E. Higgins Lumber Co.: (1a) $1.-650; (1b) $1,400; (Alt.) $2,975; (2) $425 (3) $33; (4) $62.50; (5) $24.

Rothmaier Lumber Co.: (1a) $1,-583.31; (1b) $1,176; (Alt.) $2,759.21; (2) $441; (3) $39.20; (4) $49; (5) $29.40.

E. D. Swift Co.: (1a) $1,599; no bids on other items.

Jones Hardwood Co.: (1a) no bid; (1b) $1,199.50; (Alt.) no bid; (2) $449.-50; (3) $39.75; (4) $49.75; (5) $19.75.

Van Arsdale Harris Lumber Co., Inc., (1a) $1,537; (1b) no bid; (Alt.) no bid; (2) $437; (3) (4) (5) no bid.

Bids held under advisement.

BIDS WANTED

INYO COUNTY, Cal.—Until July 30 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. W. Lowden, District Engineer, Bishop, for road oiling in Inyo County between Big Pine and east end of Cedar Flat, about 13.5 miles in length, to be treated with liquid asphalt, involving:

(1) 85 tons liquid aphalt, SC-2;
(2) 235 tons, do SC-3.

Plan may be obtained at the above address. Cash, certified or cashier's check for 10%.

BIDS OPENED

LOS ANGELES, Calif.—J. H. Baxter & Co., 601 W. 5th St., submitted low bid to the county supervisors July 15 at $9620 for the exchange and creosoting of 37,000 l.f. Douglas fir piling. The other bids were:

Pan-Pacific Piling & Const. Co., $10,360.

American Lumber & Treating Co., $12,285.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., July 15 under Spec. No. 699-D, for furnishing miscellaneous metal work for Boulder Dam and Power Plant:

Mississippi Valley Structural Steel Co., fob Boulder City, $7,320.

Midwest Steel & Iron Works Co., fob Boulder City, $6,400; ½% discount.

Omaha Steel Works, fob Boulder City, $6,000; ½% discount.

Worden-Allen Co., fob Boulder City $6,790; ½% discount.

E. Burkhardt & Sons, fob Denver, $7,791; ½% discount.

Hansell Elcock Co., fob Chicago, $5-870; ½% discount.

John W. Beam, fob Peotone, Ill., $5,900; ½% discount.

Minneapolis - Moline Power Implement Co., fob Minneapolis, $7,970.

Blds held under advisement.

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing and delivering as required, deformed concrete reinforcement bars, fabricated and welded into circular hoops for use in the construction of the Colorado River Aqueduct and appurtenant works, about 540 tons, in accordance with Spec. No. 114, were opened by the Metropolitan Water District July 15. The bids were identical at $31,436.80, ½% of 1%, ten days. Unit bids were: (1a) $56.40 ton; (b) 5¼c; (c) 7c; (d) 9c; (e) 9c; (f) 11c; (g) 15c; total $31,436.80. The bidders were:

Patten - Blinn Lumber Co., Soule Steel Co., Concrete Engr. Co., Blue Diamond Corp., Ltd., Truscon Steel Co., Graham Bros., Inc.

CONTRACT AWARDED

SAN FRANCISCO—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at $0.63 per sq. ft. awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1397, for furnishing 10,000 ft. of 6-in. Class 150 cast iron water pipe.

CONTRACTS AWARDED

BAKERSFIELD, Kern Co., Cal.—Bakersfield Building Materials Co., at $5894.50 awarded contract by Kern County Board of Supervisors for furnishing approximately 84,900 ft. B. M. structural redwood to be used in the construction of a grandstand at Kern County fair grounds in Bakersfield.

Kyle & Co., 334 G St., Fresno (King Lumber Co., Bakersfield, representative), awarded contract at $4277.48 for 300 steel braces and bolts and 4304 steel brackets and bolts.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

LAKE COUNTY, Cal.—C. S. Good, Nice, Calif., at $750 submitted low bid to Board of Supervisors, Lakeport July 11 and awarded contract to clean and paint steel bridge in Scotts Valley.

Only other bid submitted was that of D. E. Burgess, 282 Seventh St., San Francisco, at $1128.

PLANNED

HUMBOLDT COUNTY, Cal.—Board of Supervisors plan rebuilding bridge across Eel River at Ft. Seward, destroyed by fire. Main span was 520 feet of timbed deck suspended from steel towers. Damage to steel cables and towers has not been determined.

Frank Kelly, county engineer, Eureka.

BIDS WANTED

LAKE COUNTY, Cal.—Until July 26, 10 A. M., bids will be received by the Lake County Board of Supervisors, W. M. Patterson, County Clerk, Court House, Lakeport, for furnishing cement, gravel, reinforcing iron, and labor for installing a multiple plate corrugated culvert, the culvert to be furnished by the County in Road District No. 3, on the Middle Creek Road opposite the York Place.

Plans and specifications obtainable from the above office upon deposit of $5.

BIDS OPENED

DOUGLAS COUNTY, Ore.—Averill & Philpott, Route 10, Portland, at $23,778.65 submitted low bid to the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for construction of a continuous steel beam bridge over Elk Creek and grading approaches. Work is located in Umpqua National Forest on the Tiller Trail Highway, Project 16-E3.

Complete bids follow:

Averill & Philpott, Portland	$23,778.65
Tom Lillebo, Reedsport	24,358.92
J. F. Johnston, Newport	24,383.40
F. C. Dillard, Medford	27,008.44
Kuckenberg - Wittman Co., Inc., Portland	27,806.90

CONTRACT AWARDED

LOS ANGELES, Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $66,899.70 awarded contract by the Los Angeles County Board of Supervisors for the construction of a concrete conduit on Verdugo Wash from Kenilworth Ave. to Los Angeles River.

CONTRACT AWARDED

LOS ANGELES, Cal.—R. A. Wattson, 1026 N. McCadden Place, Los Angeles, at $119,860.50 awarded contract by Los Angeles County Board of Supervisors for the construction of a concrete conduit in Pickens Canyon channel from the debris basin to Verdugo Wash.

CONTRACT AWARDED

LOS ANGELES, Calif.—Bannister-Field Co., Ltd. and Fred E. Potts Co., 4101 Goodwin Ave., Los Angeles, at $138,481 awarded contract by the Los Angeles County Board of Supervisors July 12 for the construction of a concrete conduit in Halls Canyon channel from the debris basin to Verdugo Wash.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $73,350.50 awarded contract by the Los Angeles County Board of Supervisors July 12 for constructing a concrete conduit on Verdugo Wash between Del Valle Ave. and the existing conduit 800 ft. above Mountain Street.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—R. M. Bunts, 3431 11th St., S. W., Seattle, at $13,940 submitted low bid and awarded contract by the Alameda County Board of Supervisors for furnishing and installing two yielding barriers and spring bumpers for the Park Street Bridge.

Duncanson-Harrelson Co., San Francisco, at $24,100 submitted the only other bid.

Burnett Hamilton, County Engineer

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SAN DIEGO, Cal.—Until July 30, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8037, for dredging continuous to runway to final assembly shop at the Naval Operating Base (Air Station), San Diego.

Work consists of dredging of an area continuous to runway to final assembly shop. The amount to be dredged including allowable overdepth is 32,000 cu. yds., more or less, within 25 per cent.

Specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

SAN DIEGO, Cal.—Until July 30, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8036, for the construction of a concrete wall for runway at the Naval Operating Base (Air Station), San Diego.

Work includes provisions of materials for and construction of a concrete wall (bulkhead) for seaplane runway approximately 450 lin. ft. long, more or less. The wall will be gravity section about 6 ft wide at base, 1 foot at top, and 8 ft. high, and will be founded on untreated timber piles.

Specifications obtainable from the above office upon deposit or $10.

LOW BIDDER

OREGON-WASHINGTON.—Tacoma Dredging Co., 1113½ A St., Tacoma, at $79,000 submitted low bid to the U. S. Engineer Office, First Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer for dredging approximately 1,000,000 c.y. of material from channel in the Columbia River, extending from the Interstate Highway Bridge at Vancouver, Wash., to the mouth of the Willamette River.

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until July 29, 2 P. M., (to be opened at 3 P. M.) bids will be received by Golden Gate Yacht Harbor, Ltd., Albert Von Der Werth, President, 897 Mills Bldg., San Francisco, for constructing piers, bulkheads, dolphins, marine railway, foundations, dredging, filling and pavement for yacht harbor at Shelter Cove, Sausalito.

Bids will be taken as follows:

(1) Constructing all the work called for in plans and specifications, except dredging, fill and pavement (lump sum);
(2) 8000 cu. yds. dredging between 6-ft. contour and the bulkhead;
(3) 16,000 cu. yds. dredging channel areas;
(4) 36,000 cu. yds. deposit dry fill in the area back of the bulkhead;
(5) 64,000 sq. ft. laying asphaltic pavement;

SACRAMENTO — DOUGLAS FIR PILES — (GOVT.)

SACRAMENTO, Cal. — Daugherty Lumber Co., Cottage Grove, Oregon, at $0.055 each submitted low bid to the U. S. Engineer Office, Capt. J. G. Drinkwater, District Engineer, Sacramento, under Bid No. 1105-36-3, for furnishing Douglas fir piles as follows:

(1) 20 each about 80-ft. long;
(2) 40 each about 70-ft. long;
(3) 60 each about 60-ft. long;
(4) 80 each about 50-ft. long;
(5) 150 each about 45-ft. long;
(6) 120 each about 35-ft. long.

Complete bids follow:

(A) Daugherty Lumber Co., Cottage Grove, Oregon.
(B) McCormick Supply Co., San Francisco, discount, 2% 10 days.
(C) Chas. R. McCormick, San Francisco.
(D) J. H. Baxter Co., San Francisco.
(E) McDonald & Harrington, Ltd., San Francisco; discount, 2% ten days.
(F) Sullivan Lumber Co., Portland, discount, 2% 10 days.
(G) Knox Lumber Company.
(H) Hammond Lumber Co., San Francisco.
(I) Chas. Nelson Co., San Francisco.
(J) Jas. L. Hall, San Francisco, discount, 2% 10 days.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$.055	$.057	$.0675	$ 079	$.113	$.10	$.10	$.13	$.135	$.19
(2)	.055	.057	.0675	079	.097	.10	.095	.13	.135	.185
(3)	.055	.057	.0675	079	.087	.10	.085	.13	.135	.16
(4)	.055	.057	.0675	079	.071	.09	.08	.13	.135	.16
(5)	.055	.057	.0675	079	.071	.09	.08	.13	.135	.15
(6)	.055	.057	.0675	.079	.071	.08	.08	.13	.135	.15

Bids held under advisement.

4200 sq. ft. laying cement pavement;
Deduct for each lin. ft. sheet steel pile omitted;
Deduct for each unit of one brace pile and one wave baffle slab omitted.
Contract includes construction of out 1000 lin. ft. pier, concrete deck, pported on timber piling, concrete keted, with concrete bafflebord; 0 lin. ft. wharf, timber deck supted on treated timber pile; 880 lin. steel sheet pile bulkhead; marine lway of 350-ton capacity.
A separate contract will be let for cting buildings. (See item under assification 19).
The work is financed with PWA n.
Plans and specifications available 597 Mills Bldg., on deposit of $10, which $5 is returnable; and on file re for inspection. Frank G. White d Harry E. Squire, consulting engineers.

*

DS OPENED

SEATTLE, Wash. — Puget Sound dge & Dredging Co., 2929 16th St., V., Seattle, at $0.1775 per cu. yd., al $196,492 submitted low bid to the S. Engineer Office, Lt. Col. H. J. ld, District Engineer, Federal Of- Bldg., Seattle, for 1,000,000 cu. s. of dredging, and 4000 cu. yds. rock removal in Willapa River, to m a cutoff channel in bend imdiately above "Narrows" and be- Raymond, Wash.
Tacoma Dredging Co., Tacoma, at 18 per cu. yd. for dredging, and at per cu. yd. for rock removal, total 7,902, submitted the only other bid.

DS WANTED

VILLAMETTE RIVER, Ore.—Until y 24, 3 P. M., bids will be received the U. S. Engineer Office, First rtland District, 306 Customhouse, rtland, Major Milo P. Fox, District gineer, under Bid No. 698-36-20, for ak clearing, bar clearing, grading er bank, and constructing approxitely 22,635 lin. ft. of protective vel fill, all along the Wilamette er, Oregon, between Eugene and rrisburg.
Specifications obtainable from the ove office.

S—IRRIGATION PROJ.

OWYHEE PROJECT, Oregon-Idaho. Henry L. Horn, Nyssa, Oregon, at 225 on Schedule 1 and at $11,326 Schedule 2, submitted low bids to Bureau of Reclamation, Ontario, egon, July 15, under Spec. No. 694- for the construction of structures, rth Canal laterals, N.C. 25.4 to 25.- 8, Mitchell Butte Division, Owy- Project.
The second and third low bids were omitted by David A. Richardson, ssa, at $10,436 on Schedule 1 and $11,557 on Schedule 2; and by Geo. Henly, Nyssa, at $10,895 on Sched- 1 and at $11,702 on Schedule 2.

DS WANTED

BUCKEYE, Arizona—Unail July 26, A. M., bids will be received by the osevelt Irrigation District, Buck- , Ariz., for sloping, trimming, kfilling, and reinforcing Gunite ing, 1-in. thick, of approximately 90,923 sq. ft. of irrigation canal tion, located on the main canal l collection canals of this district, ending from Phoenix to Hassay- pa River.
Bidders must be prepared with suf? ent tools and equipment to apply 000 sq. ft. of finished Gunite lining h working day.
The bidder must be licensed as a ntractor in the State or Arizona.

Labor minimum rates are to be $1.00 for skilled and 50 cents for un skilled.
Each bid must be accompanied by a deposit or certified check payable to the order of the Roosevelt Irrigation District, equal to 10 per cent of the total bid. Wm. Mishka, Secretary, Valencia, Buckeye, Ariz.
Plans prepared by John P. Vanderburgh, engineer, and available from him upon payment of $25 per set.

BIDS OPENED

OGDEN, Utah—J. A. Terteling & Sons, Boise, Idaho, at $360,446, submitted low bid to U. S. Bureau of Reclamation, J. R. Iakisch, Construction Engineer, Ogden, Utah, July 8, under Spec. No. 623, for construction of earthwork, canal lining and structures, Station 0 to Station 587, Ogden Brigham Canal, Ogden River Project, Utah.
Complete bids follow:
(A) J. A. Terteling & Sons, Boise, Idaho.
(B) Utah Constr. Co., Ogden, and Morrison - Knudsen Co., Inc., Boise.
(C) Gunther & Shirley, Los Angeles.
(D) Siems-Spokane Co., Spokane.

	Sched.1	Sched. 2	Total
(A)..	$156,091.50	$204,354.50	$360,446.00
(B)..	170,049.50	197,429.50	367,479.00
*(C)..	197,293.50	174,641.25	371,934.75
(D)..	166,718.00	218,668.90	385,386.90

* Stipulated award of both schedules or none.

*

PLANNED

OAKDALE, Stanislaus Co., Cal.—Chief Engineer R. E. Hartley, has submitted a budget to directors of Oakdale Irrigation District recommending enlargement and improvements of the canal system to cost $65,000. The district pribably will file an application with SERA or PWA asking government assistance.

BIDS WANTED

MONTROSE, Colorado—Until Aug. 8, 10 A. M., bids will be received by the Bureau of Reclamation, Montrose, Colorado, under Spec. No. 636, for the construction of canal lining and structure for the South Canal and the West Canal, Uncompahgre Project, Colorado.
The work is located near Montrose, Colorado, and involves:
(1) 37,000 cu. yds. all classes of excavation for structures;
(2) 2000 sta. cu. yd. overhaul;
(3) 580 cu. yds. remove old concrete;
(4) 24,100 cu. yds. back ,fill;
(5) 1300 cu. yds. compacted fill;
(6) 2820 cu. yds. concrete in structures;
(7) 365 cu. yds. concrete in canal lining;
(8) 310 cu. yds. dry rock paving;
(9) Placing 333,000 lbs. of reinforcement bars;
(10) Installing 3400 lbs. miscellaneous metal work.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

The work shall be commenced within thirty calendar days and completed within 200 calendar days after date of receipt of notice to proceed.
Plans and specifications obtainable from the Bureau of Reclamation at Montrose, Colo.; Denver, Colo., or Washington, D. C.

APPLICATIONS FILED

SACRAMENTO, Cal. — Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources during June, 1935:
8352 (Mono County) T. J. Yerby, Bishop, for 3 cfs from Rock Creek, tributary to Owens River; to be diverted for power purposes. 45 theoretical h.p. to be developed.
8353 (Mono County) T. J. Yerby, Bishop, for 15,000 gals. per day from Rock creek, trib. Owens river; to be diverted for domestic purposes. Est. cost, $2,000.
8354 (Sierra County) Sixteen to One Extension Gold Mines, Inc., care R. F. Taylor, Downieville, for 1 cfs from Mammoth Springs, tributary to Kanaka Creek and Middle Fork Yuba River; to be diverted for mining and domestic purposes. Est. cost, $2,000.
8355 (Siskiyou County) Mrs. Chas. H. Roff, Cecilville, for 1 cfs from Tompson Gulch, tributary to South Fork Salmon River; to be diverted for irrigation purposes. Est. cost $400.
8356 (El Dorado Co.) T. R. Spencer and Frances C. Spencer, 2130 22nd St., Sacramento, for 200 gallons per day from an unnamed spring, tributary to Pyramid Creek, thence South Fork American River; to be diverted for domestic purposes. Est. cost, $350.
8357 (Humboldt County) Billie Martin, Weitchpec, for 3 cfs from Indian Creek, tributary to Klamath River; to be diverted for mining purposes. Est. cost, $1,000.
8358 (Monterey County) Division of Highways, Sacramento, for 500 gals. per day from El Senador Creek, tributary to Pacific Ocean; to be diverted for recreational purposes. Estimated cost, $100.
8359 (El Dorado County) Ralph T. Fisher, Oakland, for 1000 gals. per day from a spring, tributary to Upper Echo Lake; to be diverted for domestic purposes. Est. cost, $200.
8360 (Humboldt Co.) Dr. and Mrs. C. G. Wiggins, Korbel, for 0.13 cfs from Mad River, tributary to Pacific Ocean; to be diverted for irrigation of 3 acres. Est. cost, $125 .
8361 (Sierra Co.) Dr. Austin Tichenor, care R. F. Taylor, Downieville, for 400 gals. per day from a spring, tributary to North Fork Yuba River; to be diverted for domestic purposes. Est. cost, $100.
8362 (Sutter County) Frank Gordon and Clifton Lamb, Star Route, Grimes for 3.79 cfs from Sacramento River, tributary to Suisun Bay; to be diverted for irrigation of 151 acres. Estimates cost, $500.
8363 (Trinity Co.) Mrs. Nellie L. Noschka, Hyampom, for 0.5 cfs from Stone Heart Spring, tributary to the South Fork Trinity River; to be diverted for mining and domestic purposes. Est. cost, $150.
8364 (Siskiyou Co.) W. J. Callick, Yreka, for 1 cfs from Middle Fork Humbug Creek, tributary to Humbug Creek; to be diverted for mining purposes. Est. cost, $300.
8365 (Fresno Co.) Division of Fish and Game, San Francisco, for 5 cfs from Kings River, tributary to San Joaquin River,: to be diverted for recreational and domestic purposes. Est. cost, $8,000.
8366 (Mono County) Frank Denman and Frank Conner, Los Angeles, for 1 cfs from two unnamed streams, tributay to Sacramento Canyon thence

Owens River; to be diverted for mining purposes. Est. cost, $200.

8367 (Siskiyou County) John and Edna C. Nefroney, Etna, for 6 cfs from South Russian Creek, tributary to North Fork Salmon River; to be diverted for mining purposes. Estimated cost, $3,000.

8368 (Siskiyou County) John and Edna C. Nefroney, Etna, for 6 cfs from South Russian Creek, tributary to North Fork Salmon River; to be diverted for recreational purposes. Estimated cost, $3,000.

8369 (Siskiyou County) H. D. Winship, San Francisco, for 4 cfs from Six Mile Creek, tributary to the East Fork Salmon River; to be diverted for mining and domestic purposes.

8370 (San Benito County) Mrs. W. E. Dormody, Hollister, for 3 cfs from Dos Picachos Creek; to be diverted for irrigation purposes on 30 acres. Est. cost, $250. Dos Picachos Creek is tributary to Pajaro River.

8271 (San Benito County) W. H. French, Hollister, for 3 cfs from Dos Picachos Creek, tributary to Pajaro River; to be diverted for irrigation of 10 acres. Est. cost, $250.

8372 (Placer County) L. L. Noonchester, Homewood, for 3 cfs from an unnamed stream tributary to McKinney Creek thence Lake Tahoe; to be diverted for domestic purposes.

8373 (Placer County) L. L. Noonchester, Homewood, for 3 cfs and 200 ac. ft. per annum from Buck Lake and unnamed stream, tributary to McKinney Creek thence Lake Tahoe; to be diverted for mining purposes.

8374 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River; to be diverted for municipal purposes.

8375 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River; to be diverted for power purposes. 13,360 theoretical h.p. to be developed.

PERMITS ISSUED

SACRAMENTO, Cal. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of June, 1935:

4559. Application 8155 (Riverside County) issued to E. C. Cazier and A. B. Clark, Lynwood, Calif., on June 1, 1935, for 1 cfs from Palm Canyon, for mining and domestic purposes. Estimated cost $2500.

4560, App. 8220 (Riverside County) issued to E. C. Cazier & A. B. Clark, Lynwood, Calif., on June 1, 1935, for 3 cfs from Palm Canyon, for mining and domestic purposes. Est. cost, $3000.

4561, App. 7922 (San Bernardino Co.) Issued to Harold E. Morelock, Lucerne Valley, Calif., on June 5, 1935, for 0.125 cfs from a spring for irrigation and domestic purposes on 5 acres. Est. cost $300.

4562, App. 8318 (San Joaquin County) Issued to W. E. Harelson, Stockton, Calif., on June 8, 1935, for 2 cfs from Middle River, for irrigation of 120 acres Est. cost $3750.

4563, App. 8231 (Siskiyou County) Issued to Thomas B. Wells, Oakland, Calif., on June 10, 1935, for 1 cfs from Twin Valley Creek, for mining purposes. Est. cost $200.

4564, App. 8325 (Ventura County) issued to U. S. Santa Barbara Nat'l. Forest, Santa Barbara, Calif., on June 11, 1935, for 0.05 cfs from Bear Creek for recreational and domestic purposes. Est. cost $1000.

4565, App. 8299 (Sierra County) Issued to Carle D. Ross, Downieville, Calif., on June 13, 1935, for 3 cfs from McKinnon Ravine, for power and domestic purposes. Horsepower to be developed 13.6. Est. cost $500.

4566, App. 8246 (Del Norte County) Issued to Wm. H. Arthur, Crescent City, Calif., on June 13, 1935, for 16,000 gallons per day from Rock Creek, for domestic purposes. Est. cost $50.

4567, App. 8252 (Del Norte County) Issued to T. J. and Laura A. Hines, Crescent City, Calif., on June 13, 1935, for 16,000 gallons per day from Rock Creek, for domestic purposes. Est. cost $50.

4568, App. 8294 (Inyo County) Issued to H. H. Steinberger, Sierra Madre, Calif., on June 15, 1935, for 17,280 gallons per day from 2 unnamed springs for mining and domestic purposes. Est. cost $400.

4569, App. 8247 (Mono County) Issued to Mrs. Leslie Warren, Glendora, Calif., o June 15, 1935, for 200 gal. per day from Glass Creek, for domestic purposes. Est. cost $100.

4570, App. 8249 (El Dorado County) Issued to Dr. A. S. Almeida, Dixon, Calif., on June 21, 1935, for 200 gals. per day from a spring for domestic purposes. Est. cost $50.

4571, App. 8112 (Mono County) Issued to A. D. Snyder, Huntington Park, Calif., on June 25, 1935, for 200 gallons per day from Rock Creek, for domestic purposes. Est. cost $300.

4572, App. 8332 (Inyo County) Issued to Le Roy E. Kain, Trona, Calif. on June 25, 1935, for 0:5 cfs from Pleasant Canyon for mining and domestic purposes. Est. cost $100.

4573, App. 8239 (Sierra County) Issued to Alpha Hardware & Supply Co., Downieville, Calif., on June 28, 1935, for .205 cfs from 2 unnamed ravines for mining purposes. Est. cost $300.

4574, App. 8240 (Sierra County) Issued to Alpha Hardware & Supply Co., Downieville, Calif., on June 28, 1935, for 0.2 cfs from 2 unnamed ravines for mining and domestic purposes. Est. cost $600.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following bids received by State Division of Purchases, Sacramento, under Req. 114, July 12, for furnishing tractor for delivery to the State Division of Highways, San Luis Obispo:

Smith, Booth, Usher, Los Angeles: (1) $2450 gross; (2) $550 allowance; (1) $1900 net; Cletrac gasoline powered. (1) $3300; (2) $550; (3) $2750; Cletrac diesel powered; discount, 2% 30 days.

J. D. Adams, Los Angeles, (1) $2,872; (2) $720; (3) $2152; discount, 2% 30 days.

Dolan Tractor Co., Sacramento: (1) $2425; (2) $250; (3) $2175; discount, 2% 10 days.

Weaver-Rye Co., Sacramento: (1) $2966; (2) $650; (3) $2316; discount, 2% 30 days. *

July 16, 1935

BIDS WANTED

SAN FRANCISCO—Until July 25, 2 P. M., bids will be received by the State Board of Harbor Commissioners, Frank G. White, Chief Engineer, Room 18, Ferry Bldg., for the extension of the Belt Line Railroad, involving the laying of approximately 600 ft. of 9-in. girder rail track, including a turnout, south of the Third St. Bridge to connect with China Basin, leading to Piers 48 and 50. Estimated cost, $12,000.

Specifications obtainable from the above office upon deposit of $10. *

CONTRACT AWARDED

BOULDER CITY, Nevada—Omaha Steel Works, at $4876 f.o.b. Omaha, awarded contract by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 686-D, for furnishing on 15-ton gantry crane for turbine dra tube bulkhead gates at Boulder Powe Plant, Boulder Canyon Project.

CONTRACT AWARDED

BOULDER CITY, Nevada—Binghar Pump Co., 705 SE. Main St., Port land, at $7060 awarded contract by th Bureau of Reclamation, Denver, und Spec. No. 682-D for furnishing tw direct-connected, motor-driven deel well, turbine type pumping units t be used as sump pumps and two d rect-connected motor-driven deep-we turbine type pumping units to be use as drainage pumps in the tunnel plu outlet works at the Boulder Dam Boulder Canyon Project. The drain age pumping units shall be assemble and rebuilt from parts salvaged fro one deep-well motor-driven turbin pumping unit to be furnished by th Government.

BIDS OPENED

YUMA, Arizona—Dorr Co., Inc., 24 Park Ave., New York, at $564,800 f.o. Yum, submitted low bid to the Bureau of Reclamation, Denver, July 12, un der Spec. No. 635. for furnishing me chanical apparatus for desiltin basins at the Imperial Dam and De silting Works, All-American Cana System, Boulder Canyon Project.

Hardinge Co., York, Pa., at $649,80 f.o.b San Francisco and York, sub mitted the only other bid.

BIDS OPENED

OWYHEE PROJECT, Oregon-Idah —Following bids received by the Bu reau of Reclamation, Denver, Colo July 12, under Spec. No. 696-D, fo furnishing cast-iron and radial gate gate hoists, miter and two-way bev gear sets, shaftings, railings, and mis cellaneous metal work for the Sout Canal, Station 0 to Station 736, Succo Creek Division, Owyhee Project, Ore gon-Idaho.

General Iron & Steel Works, f.o. Portland, Oregon: (1) $1,187.40 (2) $1066.13; (3) $4239.

John W. Beam, f.o.b. Denver, Colo and Peotone, Ill.: (1) $1150; ($712; (3) $3475; (1 and 3) $4600.

Pekrul Iron Works, f.o.b Denver, Col (1) $1068.

Joshua Hendy Iron Works, f.o.b. Sun nyvale, Calif.: (1) $1656; (2) n bid; (3) $4760.

Omaha Steel Works, f.o.b. Omah Neb.: (1) no bid; (2) $1050.

Milwaukee Bridge Co., f.o.b. Milwau kee: (1) no bid; (2) $897; (3) n bid.

Long Beach Iron Works, f.o.b. Lon Beach, Calif.: (1) $1205; (2) n bid; (3) $3703; (1 and 3) $4900.

Baxter Foundry & Machine Work f.o.b. Homedale, Idaho: (1) n bid; (2) no bid; (3) $5492.34.

Thomas Spacing Machine Co., f.o. Glenshaw, Pa.: (1) $2519; (2) no bi (3) $6175; (1 and 3) $8600.

Lakeside Bridge & Steel Co., f.o. Milwaukee, Wis.: (1) no bid; ($839; (3) no bid.

Valley Iron Works, f.o.b. Yakim Wash.: (1) no bid; (2) $807; ($3075.50.

International Engineering Inc., f.o. Dayton, Ohio. (1) $1095; (2) n bid; (3) no bid.

Isaacson Iron Works, f.o.b. Seattl Wash.: (1) no bid; (2) $966.50; (no bid.

Ottumwa Iron Works, f.o.b. Ou tumwa, Iowa: (1) $1795; (2) n bid; (3) no bid.

Virginia Bridge & Iron Co., f.o. Memphis, Tenn.: (1) no bid; ($760; (3) no bid.

Snow Mfg. Co., f.o.b. Los Angeles: ($1577; (2) no bid; (3) no bid.

Beall Pipe & Tank Corp., f.o.b. Por

RAILROADS

NTRACT AWARDED

AKLAND, Alameda Co., Calif.—ific Coast Steel Co., 20th and li-is Sts., San Francisco, at $4,192.39 rded contract by the city of Oak-l Port Commission for furnishing delivering track materials on the k at the Seventh Street Unit, Out-Harbor Terminal, Oakland.

S WANTED

ORT PECK, Mont.—Until August 1 A. M., bids will be received by U. S. Engineer Office, 707 Postal egraph Bldg., Kansas City, Mo., the construction of standard gauge ways and trestles on spillway to t Peck Dam, about 25 miles south-t of Glasgow, Montana.

he work involves:

SCHEDULE 1

370,000 c.y. roadway excavation;
226,500 sta. yds. overhaul;
40 l.f. 12-in. CMP;
140 l.f. 18-in. CMP;
890 l.f. 21-in. CMP;
870 l.f. 24-in. CMP;
520 l.f. 24-in. CMP;
520 l.f. 30-in. CMP;
960 l.f. 36-in. CMP;
10,800 c.y. placing gravel ballast
15,500 cross ties;
31.3 MFBM switch ties on road-bed;
27,300 track feet laying track feet on roadbed;
9 turnouts on roadbed;
Placing 6,590 c.y. gravel for sub-drains.

SCHEDULE 2

20,500 l.f. piling, round timber, untreated;
555 MFBM untreated timber;
85 MFBM trestle ties;
Laying 1,958 track feet trestla track;
2 turnouts on trestles;
23,700 lbs. structural steel;
72,600 lbs. hardware, steel, wrot or cast iron;
100 c.y. excavation for trestles;
Remodeling deck of treatle.

SCHEDULE 3

370,000 c.y. rdwy. excav.;
226,500 sta. yds. overhaul;
40 l.f. 12-in. CMP;
140 l.f. 18-in. CMP;
890 l.f. 21-in. CMP;
870 l.f. 24-in. CMP;
520 l.f. 30-in. CMP;
960 l.f. 36-in. CMP;
10,800 c.y. placing gravel ballast;
15,500 cross ties;
31.3 MFBM switch ties on road-bed;
27,300 track feet laying track on roadbed;
9 turnouts on roadbed;
6,590 c.y. placing gravel for sub-drains;
Placing 20,500 l.f. round timber piling, untreated;
85 MFBM treatle ties;
Laying 1,958 track feet trestle track;
23,700 lbs. structural steel;
72,600 lbs. hardware, steel, wrot or cast iron;
100 c.y. excavation for trestles;
Remodeling deck of trestle.

Bids may be submitted on one or schedules.

Plans and specifications obtainable m the above office upon deposit of 6

29—STREETS AND HIGHWAYS

BIDS WANTED

MENDOCINO and Lake Cos., Cal.—Until July 29, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, J W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the application of oil over Cobb Mountain between Middletown and Lower Lake Road in Lake County, and between Gualala and eight miles north of Ft. Bragg in Mendocino County.

Plans and specifications obtainable from the above office.

BIDS WANTED

SANTA CLARA and Santa Cruz Counties, Cal.—Until July 29, 2 P. M. bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco for slide removal on about 1.3 miles in Santa Clara and Santa Cruz counties between Saratoga Gap and Black Road.

The work involves 16,000 c.y. roadway excavation unclassified.

Plans and specifications obtainable from the above office.

LOW BIDDER

CHULA VISTA, San Diego Co., Cal. —V. R. Dennis Const. Co., 3911 Fifth Ave., San Diego, at $156,039 (275,000 sq. yds. asphalt concrete paving, and 75,000 sq. yds. fuel oil shoulder treatment) submitted low bid to the Chula Vista City Council for paving various streets in accordance wjth plans and specifications prepared by engineers Allen & Rowe, 309 G St., San Diego.

CONTRACT AWARDED

LANE COUNTY, Ore.—Theo. Arenz 10509 NE Sandy St., Portland, at $83,-417 awarded contract by the Bureau of Public Roads, Portland, for 15.287 miles of the Willamette Highway Subgrade Reinforcement Project, FHEC 21-E3, F3, G1, National Forest Road Project, located within the Willamette National Forest, Lane County, Ore.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until August 6, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. E. Wallace, District Engineer, 1365 Harbor St., San Diego, for road oiling in San Diego county between Jamul and White Star, about 46 miles in length to be treated with liquid asphalt, involving 1125 tons of liquid asphalt, TC-2, in place.

Plans may be obtained at the above address. Cash or certified or cashier's check, 10%.

AWARD RECOMMENDED

CLARK COUNTY, Nevada.—Award of a contract to Central States Contracting Co., 344 High St., Oakland, at $24,506, for placing bituminous treated surfacing (road-mix) on 3.661 miles of Section A of Route 11, the Mt. Charleston National Forest Highway, Dixie National Forest, Clark County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

AWARD RECOMMENDED

SHASTA COUNTY, Cal.—Award of a contract to J. G. Chigris, 2316 31st Ave., San Francisco, at $49,771.70 for grading 4.859 miles of Section G of Route 77, the Mount Shasta and Lassen National Forests, Shasta County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

BIDS OPENED

NAPA COUNTY, Cal.—Jack A. Casson, 319 Warren St., Hayward, at $17,915 submitted low bid to the State Highway Commission, Sacramento, for about 1.1 mile grading and surfacing with crusher run base and plant-mixed surface, at various locations in Napa County, between Carneros Creek and Napa.

The work involves:

(1) 45,000 gals. water;
(2) 450 cu yds. roadway excavation, unclassified;
(3) 4300 cu. yds. imported borrow;
(4) 2800 tons crusher run base;
(5) 15 tons liquid asphalt, MC-2 (prime coat);
(6) 2050 tons mineral aggregate, (plant-mixad surfacing);
(7) 110 tons liquid asphalt, MC-5 or MC Extra Heavy (plant-mixed surfacing);
(8) 10 tons liquid asphalt, MC-3 (seal coat);
(9) 125 tons screenings (seal coat).

Total bids follow:

(A) Jack A. Casson, Hayward, $17,-915.
(B) E. A. Forde, San Anselmo, $18,619
(C) Pacific States Constr. Co., San Francisco, $19,652.50.
(D) Harold Smith, St. Helena, $19,877.

	(A)	(B)	(C)	(D)
(1)	$ 3.00	$ 2.00	$ 4.50	$ 3.00
(2)	.50	.50	.50	1.25
(3)	.60	.70	.65	.65
(4)	2.10	2.20	2.25	2.40
(5)	16.00	17.00	18.00	20.00
(6)	3.20	3.20	3.60	3.40
(7)	16.00	16.90	17.50	17.00
(8)	16.00	16.00	18.00	20.00
(9)	3.00	2.40	3.00	2.60

CONTRACT AWARDED

WHITE PINE and Nye Counties, Nev.—W. W. Clyde & Co., Springville, Utah, at $48,824.60 awarded contract by the Bureau of Public Roads, 461 Market St., San Francisco, for 18.381 miles bituminous surface treatment (read-mix) on Sections A and B of Route 12, the Midland Trail (Current Creek) National Forest Highway, Nevada National Forest, and on Section C of Federal Lands Highway Project No. 1 (part of Midland Trail) Ely - Tonopah Highway, White Pine and Nye counties.

29

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until July 30, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for about 13.7 miles of liquid asphalt treatment in San Benito County, between San Benito and Willow Creek, and between Rte. 119 and Pinnacles National Monument.

Plans and specifications obtainable from the above office.

BIDS WANTED

LAKE COUNTY, Calif.—Until July 29, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickery, District Engineer, 546 West Wabash Ave., Eureka, for about 20.1 miles of liquid asphalt treatment in Lake Co., between Middletown and Lower Lake Road.

Plans and specifications obtainable from the above office.

BIDS WANTED

MENDOCINO CO., Cal.—Until July 29, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, J. W. Vickery, District Engineer, 546 West Wabash Ave., Eureka, for about 67.5 miles of liquid asphalt treatment in Mendo-

Ilnd, Oregon: (1) $1100.65; $1401; (3) $3864; (1, 2, 3) $6176
Iltnion Iron Works, f.o.b. Spokane, no bid; (2) $809;
Wash.: (1) no bid; (2) $809;
Worden Allen Co., f.o.b. Milwaukie, Wis.: (1) no bid; (2) $790; (3) bid.

cino County, between Gualalla and 8 miles north of Fort Bragg.

Plans and specifications obtainable from the above office.

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until July 31, 3 P. M., bids will be received by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, 0.58 mile grading and surfacing (plant mix) in White Pine County, Route 2, Section D1, in the city of Ely.

The work involves:

(1) 160 l.f. remove culvert pipe;
(2) 2,700 sq. yds. remove paving and sidewalk;
(3) 69 c.y. remove concrete struc.;
(4) 4,650 l.f. remove curb and gutter
(5) 4,818 c.y. roadway excavation;
(6) 2,814 c.y. select borrow;
(7) 1,670 c.y. structure excavation;
(8) 15,200 sq. yds. subgrade for pavement;
(9) 2,325 tons plant - mix crushed gravel or stone base;
(10) 76 M. gals. water;
(11) 1,825 tons crushed rock;
(12) 125 tons emulsified asphalt penetration;
(13) 1,200 c.y. cement concrete surface;
(14) 250 c.y. concrete for curb and gutter;
(15) 100 c.y. Class A concrete;
(16) 23,300 lbs. reinforcing steel;
(17) 4,506 l.f. 18-in. CMP;
(18) 6,350 lbs. castings;
(19) 1 each move fire hydrants;
(20) 5 each adjust valve boxes;
(21) 530 l.f. remove and reset pipe railing.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS OPENED

WHATCOM COUNTY, Wash. — Lidral Constr. Co., 1006 Securities Bldg., Seattle, at $18,481 submitted low bid and recommended for award by the Bureau of Public Roads, 316 New Post Office Bldg., Portland, for constructing the Baker River Reconstruction, Grading and Bridges Project NR-25-A4, B3, National Forest Road Project, located within the Mt. Baker National Forest, Whatcom County.

Complete bids follow:

Lidral Construction Co., Seattle, $18,481.

Cowan & Hubback, Seattle, $18,-564.50.

Wilder & Montfort, Blaine, $18,-602.90.

Newton Constr. Co., Seattle, $19,-746.

Hallstrom & Hallstrom, Seattle, $20,373.

M. Espeland, Seattle, $24,314.50.

BIDS WANTED

KING AND KITTITAS COUNTIES, Wash.—Until July 30, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete about 4.7 miles of State Road No. 2, Section 1, Summit (Snoqualmie Pass) to Upper Crossing South Fork Snoqualmie River, Federal Aid Project No. 142-E, in King County, and Section 2, Hyak, Paving Gap, Federal Aid Project No. 114-B, in Kittitas County.

Plans and specifications obtainable from the above office upon deposit of $2.

Ventura & Los Angeles Cos.—5.6 Mi. Grade and Pave—Sta

VENTURA and Los Angeles Cos., Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $219,606.25 (previously reported) submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, 808 State Bldg., Los Angeles, for grading and paving with portland cement concrete about 5.6 miles, between Little Sycamore Canyon and Encinal Canyon, and widening two bridges:

The work involves:

(1) 299 sta. clearing and grubbing the right of way;
(2) 5,200 M. gals. water;
(3) 258,500 c.y. rdwy. excav., unclass.
(4) 6,080 c.y. struc. excav.;
(5) 1,700 c.y. ditch and channel excavation:
(6) 835,000 sta. yds. overhaul;
(7) 490 c.y. removing existing conc.;
(8) 9,150 c.y. sand;
(9) 55,000 sq. yds. blending subgrade
(10) 50,500 sq. yds. preparing subgrade
(11) 299 sta. finishing rdwy.;
(12) 2,200 sq. yds. asph. paint binder,
(13) 700 tons mineral agg. (plant-mixed surfacing);
(14) 40 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(15) 65 tons liquid asph. SC-2 (prime coat);
(16) 680 tons liquid asph. SC-2 (shoulders);
(17) 54,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 70 tons liquid asphalt 90-95 (seal coat);
(19) 800 tons screenings (seal coat);
(20) 9,400 sq. yds. preparing and shaping gutters;
(21) 10,100 c.y. Class A Portland cement concrete pavement;
(22) 139,000 lbs. bar reinf. steel (pa- ment, bridges and structures)
(23) 13,650 each pavement dowels;
(24) 1,075 c.y. Class A Portland r- ment conc. (bridges and str)
(25) 13.5 c.y. Class F Portland cen t concrete (bridge railing);
(26) 435 lbs. misc. iron and steel;
(27) 650 lbs. bronze expansion pla ;
(28) 338 l.f. temporary timber rail;
(29) 1 lot misc. items of work;
(30) 330 l.f. 18-in. standard reinf. c- crete pipe;
(31) 600 l.f. 24-in. do;
(32) 180 l.f. 30-in. do;
(33) 410 l.f. 24-in. extra strength c
(34) 380 l.f. 30-in. do;
(35) 90 l.f. 36-in. do;
(36) 1,920 l.f. 8-in. CMP;
(37) 50 l.f. 18-in. CMP;
(38) 100 l.f. 24-in. CMP;
(39) 60 each spillway assemblies;
(40) 90 each culvert markers;
(41) 1.2 miles new property fences
(42) 12 each drive gates;
(43) 10.5 miles moving and reset property fences;
(44) 20 each monuments.

The total bids were:

(A) Oswald Bros., $219,606.25.
(B) HanrahanWilcox Corp., San Fr- cisco, $226,666.50.
(C) Sharp & Fellows Contr. Co., s Angeles, $240,832.
(D) Basich Bros., Torrance, $2- 086.70.
(E) Sander Pearson, Santa Mon , $255,192.70.
(F) C. O. Sparks and Mundo E Co., Los Angeles, $260,108.50.
(G) Griffith Co., Los Angeles, $2- 584.60.
(H) J. E. Haddock, Ltd., $275,33 .

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.00	$ 1.50	$ 6.00	$11.00	$ 6.00	$ 5.00	$25.00	$10.0
(2)	1.75	1.00	.90	.50	1.50	1.50	1.00	1.5
(3)	.21	.208	.275	.27	.276	.29	.35	.2
(4)	.60	.70	.90	.80	1.50	1.50	.90	1.5
(5)	.60	.60	.275	.60	1.00	.50	.70	1.0
(6)	.005	.003	.003	.005	.004	.007	.01	.0
(7)	3.00	1.50	2.00	2.50	5.10	2.60	2.50	3.0
(8)	.60	.40	.38	.50	.70	1.00	.70	.7
(9)	.025	.03	.02	.07	.04	.06	.035	.0
(10)	.10	.07	.10	.10	.12	.10	.15	.1
(11)	2.50	6.00	5.00	13.50	5.50	5.00	13.00	10.0
(12)	.02	.03	.03	.03	.015	.04	.04	.0
(13)	3.00	4.50	3.40	3.10	2.70	4.00	3.00	4.0
(14)	15.00	15.00	18.00	14.00	16.90	20.00	15.00	18.0
(15)	8.00	9.50	8.50	6.14	8.85	20.00	10.00	9.4
(16)	8.00	9.50	8.50	7.14	8.85	10.00	10.00	9.4
(17)	.04	.04	.05	.05	.046	.05	.06	.1
(18)	16.00	19.00	17.50	15.50	18.05	20.00	18.00	19.5
(19)	2.00	2.50	2.60	2.50	2.20	3.00	3.00	3.0
(20)	.05	.05	.09	.05	.07	.20	.06	.1
(21)	7.25	8.50	7.95	7.83	7.85	7.00	7.74	9.0
(22)	.045	.055	.04	.05	.05	.05	.042	.0
(23)	.09	.12	.10	.12	.105	.15	.11	.1
(24)	18.00	19.00	19.50	16.00	19.55	18.00	14.00	22.0
(25)	50.00	55.00	65.00	50.00	65.50	70.00	40.00	60.0
(26)	.13	.12	.10	.12	.20	.10	.10	.2
(27)	.25	.30	.30	.30	.28	.30	.30	.5
(28)	.90	.60	1.50	.75	1.60	.50	1.20	2.0
(29)	300.00	500.00	800.00	500.00	368.00	1500.00	500.00	500.0
(30)	2.50	2.10	2.10	3.31	2.35	2.30	2.00	2.7
(31)	3.00	2.80	2.75	3.95	3.19	3.10	2.60	3.3
(32)	4.50	4.30	4.15	5.40	4.65	4.50	4.00	4.7
(33)	3.50	3.40	3.30	4.56	3.83	3.50	3.20	4.1
(34)	5.00	4.80	4.50	5.95	5.49	5.00	4.30	5.5
(35)	7.00	6.60	6.80	7.65	7.00	6.75	6.00	7.0
(36)	1.00	.90	.95	.95	.82	1.00	1.10	1.0
(37)	2.00	1.70	2.00	1.67	1.70	1.60	2.00	1.5
(38)	2.75	2.70	3.00	2.43	2.60	2.40	3.00	2.5
(39)	12.00	13.00	15.00	12.68	11.90	12.00	12.00	15.0
(40)	2.50	2.00	2.50	1.25	1.40	3.50	2.50	3.0
(41)	600.00	420.00	450.00	600.00	460.00	550.00	500.00	600.0
(42)	15.00	20.00	12.50	14.00	14.00	25.00	9.00	15.0
(43)	300.00	190.00	350.00	550.00	245.00	500.00	250.00	400.0
(44)	2.50	2.50	3.00	2.00	1.75	3.00	3.00	3.0

BIDS OPENED

SACRAMENTO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $5651.90 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for 0.4 mile grading and surfacing with crusher run base and applying armor coat in Sacramento County, between one-half mile east of Steamboat Slough and Steamboat Slough.

Bids were taken as follows:
(1) 2200 cu. yds. roadway excavation without classification;
(2) 900 cu. yds. ditch and channel excavation;
(3) 43 cu. yds. structure excavation;
(4) 6800 sta. yds. overhaul;
(5) 1050 tons crusher run base in place;
(6) 200 tons screenings in place;
(7) 5 tons liquid asphalt Type SC-1A in place;
(8) 10.3 tons liquid asphalt 90-95 in place;
(9) 85 M. gal. water;
(10) 30 lin. ft. 12-in. corrugated metal pipe;
(11) 62 lin. ft. 18-in. corrugated metal pipe;
(12) 21 stations finishing roadway;
(13) 13 monuments.

Total bids follow:
(A) Lee J. Immel, Berkeley, $5651.90.
(B) A. Teichert & Son, Inc., Sacramento, $5942.50.

Unit bids follow:

(1)	$ .45	$ .50
(2)	50	.60
(3)	1.00	1.00
(4)	.01	.02
(5)	2.50	2.50
(6)	3.20	3.25
(7)	20.00	17.60
(8)	25.00	27.00
(9)	1.50	1.50
(10)	1.20	1.25
(11)	1.70	1.75
(12)	7.50	7.50
(13)	4.00	4.00

BIDS WANTED

CHURCHILL COUNTY, Nev.—Until July 31, 2 P. M., bids will be received by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway System in Churchill County, Route 2, Section E1, at Eastgate, a length of approximately 0.19 miles.

The work involves:
(1) 163 l.f. remove culvert pipe;
(2) 2 each remove culvert headwalls
(3) 3,660 c.y. rdwy. excavation;
(4) 530 c.y. structure excavation;
(5) 0.18 mile subgrade;
(6) 0.19 mile finishing roadway;
(7) 405 tons crushed stone or gravel surface;
(8) 172 c.y. Class A concrete;
(9) 2 c.y. Class B concrete;
(10) 91 c.y. Class D concrete;
(11) 39,500 lbs. reinforcing steel;
(12) 1,950 lbs. structural steel;
(13) 18 l.f. relay culvert pipe;
(14) lump sum, raise gas pump;
(15) lump sum, remove & relay water pipe;
(16) 190 l.f. remove fence;
(17) 190 l.f. reconstruct fence;
(18) 160 c.y. handlaid riprap (grouted)
(19) 6 each remove trees;
(20) 216 c.y. salvage and relay crushed gravel or stone surface;
(21) lump sum, reconstruct flume.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

SHASTA COUNTY — 4.839 MI. GRADING — (GOVT.)

SHASTA CO., Cal.—J. G. Chigris, 2316 31st Ave., San Francisco, at $49,771.70 submitted low bid to the Bureau of Public Roads, 461 Market St., San Francisco, for grading 4.839 miles of Section G of Route 77, the Mount Shasta and Lassen National Forests, Shasta County.

Bids were taken as follows:
(1) 32 acres clearing;
(2) 75 acres cleanup;
(3) 5,400 c.y. unclass. excav.;
(4) 65,300 c.y. do for borrow;
(5) 130 c.y. do for structures;
(6) 18,000 sta. yds. overhaul;
(7) 67,000 c.y. mi. borrow haul;
(8) 1,400 M. gals water;
(9) 4.839 miles finish earth graded road;
(10) 454 l.f. 18-in. CGMP;
(11) 76 l.f. 30-in. CGMP;
(12) 23 c.y. concrete;
(13) 225 lbs. reinforcing steel;
(14) 15.3 MFBM untreated timber;
(15) 28 each culvert markers;
(16) 14 each, right of way monuments
(17) extra work, remove and reset fence.

Total bids follow:
(A) J. G. Chigris, San Francisco, $49-771.70.
(B) Isbell Const. Co., Reno, Nevada, $52,126.45.
(C) A. Teichert & Son, Inc., Sacramento, $62,378.10.
(D) Hematreet and Bell, Marysville, $69,778.80.
(E) Engineer's estimate, $57,130.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$250.00	$150.00	$250.00	$275.00	$300.00
(2)	30.00	60.00	125.00	100.00	25.00
(3)	1.00	1.00	1.55	1.75	.85
(4)	.28	.30	.28	.35	.30
(5)	2.00	1.50	2.50	2.50	1.50
(6)	.02	.02	.02	.03	.02
(7)	.13	.15	.14	.18	.20
(8)	1.50	1.75	1.75	2.00	2.00
(9)	200.00	150.00	400.00	300.00	250.00
(10)	2.00	2.10	2.00	2.00	2.00
(11)	3.50	3.60	4.00	3.60	3.75
(12)	30.00	35.00	35.00	40.00	27.00
(13)	.07	.10	.10	.10	.08
(14)	90.00	117.00	110.00	110.00	100.00
(15)	3.00	4.00	2.50	3.00	2.00
(16)	3.50	3.50	4.00	4.00	3.50
(17)	50.00	50.00	50.00	50.00	50.00

Bids held under advisement.

COCONINO CO., Ariz.—3.906 Mi. Grade, Etc.—(Govt)

COCONINO COUNTY, Ariz. — Ernest W. Everly, Albuquerque, N. M. at $48,562.84 (as previously reported) submitted low bid to the Bureau of Public Roads, Title & Trust Bldg., Phoenix, July 11, for grading and placing selected material subgrade reinforcement on Section C of Route 3, the Flagstaff - Clints Well National Forest Highway, Coconino National Forest, Coconino County, Ariz, 3.906 miles. The engineer has recommended the award to the low bidder.

The work involves:
(1) 17 acres clearing;
(2) 36,700 c.y. unclass. excavation;
(3) 351 c.y. unclass. excav. for struc.
(4) 27,000 c.y. do for borrow;
(5) 25,000 sta. yds. overhaul;
(6) 8300 c.y. mi. borrow haul;
(7) 9400 c.y. subgrade reinforcement;
(8) 134 c.y. Class A concrete;
(9) 14,400 lbs. reinf. steel;
(10) 104 c.y. cement rubble masonry;
(11) 632 l.f. 18-in. corru. galv. metal pipe;
(12) 180 l.f. 24-in. do;
(13) 48 l.f. 36-in. do;
(14) 12,000 l.f. type I protection ditch;
(15) 5300 l.f. remove and reset fence;
(16) 3420 l.f. fence;
(17) 15 each right of way monuments.

The total bids were:
(A) Ernest W. Everly, Albuquerque, N. M., $48,562.84.
(B) Tiffany Const. Co., San Jose, Cal. $58,522.90.
(C) Heuser & Garnett, Glendale, Cal., $59,563.00.
(D) Ken Hodgman, Pasadena, Cal..
(E) Skousen Bros., Albuquerque, N. M., $62,053.
(F) All-Arizona Engr. & Const. Co., $59,637.30.
Clifton, Ariz., $66,534.
(G) M.J.B. Const. Co., Stockton, Cal., $70,073.30.
(H) O. F. Fisher, Phoenix, $70,991.63.
(I) Engineer's estimate, $56,982.25.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$200.00	$220.00	$150.00	$225.00	$250.00	$300.00	$370.00	$250.00	$250.00
(2)	.57	.74	.80	.73	.75	.85	.75	.85	.65
(3)	1.20	1.50	2.00	2.00	2.00	2.00	1.50	1.25	1.75
(4)	.24	.33	.23	.25	.32	.35	.37	.45	.30
(5)	.03	.02	.05	.02	.04	.04	.03	.03	.04
(6)	.18	.12	.35	.30	.32	.20	.25	.35	.25
(7)	.60	.70	.60	.80	.60	.70	.35	.75	.60
(8)	24.00	24.00	30.00	30.00	27.00	30.00	31.00	30.00	30.00
(9)	.08	.06	.06	.08	.07	.08	.08	.075	.07
(10)	19.00	18.00	20.00	18.00	23.00	18.00	31.00	22.00	18.00
(11)	1.89	2.50	2.00	2.00	2.00	2.25	2.90	2.21	2.50
(12)	2.75	3.50	2.75	3.00	3.00	3.25	4.10	3.11	3.50
(13)	5.12	7.00	6.00	6.00	7.00	6.00	7.50	5.57	6.50
(14)	.05	.06	.10	.10	.15	.06	.22	.15	.10
(16)	.05	.08	.06	.07	.05	.07	.08	.08	.08
(16)	.07	.12	.10	.03	.10	.10	.10	.10	.10
(17)	5.00	4.00	5.00	3.0 0	5.00	5.00	4.00	5.00	4.00

BIDS WANTED

ELKO COUNTY, Nev.—Until July 31, 2:30 P. M., bids will be received by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for approximately 11.37 mi. grading and surfacing in Elko County, Route 11, Section B1, between Elko and 11.4 miles north.

The work involves:
(1) 81 acres clear and grub;
(2) 1 each remove buildings;
(3) 3,945 l.f. remove fence;
(4) 167,000 c.y. rdwy. excavation;
(5) 183,012 sta. yds. overhaul;
(6) 45,019 c.y. select borrow;
(7) 1,270 c.y. structure excavation;
(8) 11.37 miles subgrade;
(9) 11.37 miles finish roadway;
(10) 43,700 tons crush. gravel or stone surface;
(11) 148 c.y. Class A concrete;
(12) 114 c.y. Class B concrete;
(13) 16,850 lbs. reinforcing steel;
(14) 6,727 lbs. structural steel;
(15) 0.20 MFBM untreated Douglas fir
(16) 2,236 l.f. 18-in. CMP;
(17) 860 l.f. 24-in. CMP;
(18) 392 l.f. 30-in. CMP;
(19) 378 l.f. 36-in. CMP;
(20) 492 l.f. 8-in. perforated underdrain;
(21) 190 c.y. gravel backfill;
(22) 160 each monuments;
(23) 1,414 l.f. construct fence;
(24) 3,659 l.f. reconstruct fence;
(25) 1,200 lbs. castings;
(26) 146 each culvert markers.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

*

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until August 8, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for paving with asphalt concrete about 1.4 miles in Los Angeles County, on Sunset Blvd. between La Veta Terrace and Santa Monica Blvd.

The work involves:
(1) 400 c.y. struc. excavation;
(2) 170 tons mineral aggregate (plant mixed surfacing);
(3) 9 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing);
(4) 1 ton liquid asphalt MC-2 (prime coat);
(5) 1,150 tons asphalt concrete (base and leveling course);
(6) 4,000 tons asphalt concrete, type B (surface course);
(7) 46,100 sq. yds. asphaltic paint binder;
(8) 500 lbs. bar reinf. steel (struc.);
(9) 30 c.y. Class A Portland cement concrete (struc.);
(10) 200 l.f. 12-in. standard reinforced concrete pipe;
(11) 30 l.f. 18-in. do;
(12) 920 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, and driveways);
(13) 50 l.f. curb armor;
(14) 60 each manholes adjusted to grade;
(15) 1,020 l.f. roof drains adjusted;
(16) 1,350 c.y. existing asphalt concrete surface removed and disposed of;
(17) 1,000 c.y. Portland cement concrete removed and disposed of;
(18) 3,500 lbs. misc. iron and steel;
(19) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

*

SAN FRANCISCO — Embarcadero "B" Extension — (City)

SAN FRANCISCO — W. C. Akard, 225 Cervantes Blvd., at $11,647.40 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,849 for the installation of Section B of the Embarcadero District Extension to the Auxiliary Water Supply System in Bay St. between Kearny St. and the Embarcadero, and in The Embarcadero from foot of Bay St. to Pier 33½.

Bids were taken as follows:

Cast Iron Pipe and Special Castings in Place:
(1) 500 l.f. 14-in. Class H double spigot, lugged;
(2) 40 lin. ft. 14-in. Class H double spigot lugged (under bulkhead wharf);
(3) 35 l.f. 8-inch Class A bell and spigot, lugged;
(4) 2 12-in. gate valves, in place;
(5) 1 8-in. gate valve, in place;
(6) 1 12-in. check valve, with by-pass, in place;
(7) 1 standard h.p. hydrant, in place
(8) 1 standard fire-boat dock manifold, in place;

NOTE: Items 1 to 8, inclusive, cast iron pipe, valves, hydrants, special castings and dock manifold will be furnished by the City.

(9) 7,000 lbs. pig lead, furnished and delivered;
(10) 12,000 lbs. cast steel special castings, furnished and delivered;
(11) 9,000 lbs. cast iron special castings, furnished and delivered;
(12) 3,000 lbs. special cast steel castings, furnished, delivered and placed;
(13) 2,240 lbs. cast iron valve boxes, frames, covers, and dust pans for manhole and valve boxes, furnished and placed;
(14) 18,000 lbs. wrought iron bolts, nuts and washers, furnished and placed;
(15) 2,500 lbs. galv. wrot iron bolts, nuts, and washers, furnished & placed;
(16) 800 lbs. reinforcing steel, furnished and placed;
(17) 25 c.y. Class B concrete, in place
(18) 400 c.y. excavation and backfill;
(19) 1,650 sq. yds. asphalt - concrete pavement (2-6-in.) Class F concrete;
(20) 2 tons asphaltic concrete wearing surface;
(21) 250 sq. ft. concrete pavement (8 inch) Class E concrete;
(22) 16 sq. ft. concrete sidewalk (one course);
(23) 2 c.y. crushed rock, furnished & placed;
(24) 6 galv. steel pipe brackets, furnished and placed;
(25) 8 tons bell and spigot pipe or double spigot pipe, with bolting lugs. In classes C to H inc., and in nominal dia. of 8- to 18-in., inclusive.

NOTE: Items 9 to 25, inclusive, all materials, including pipe, shall be furnished by the contractor.

Total bids follow:
(A) W. C. Akard $11,647.40
(B) Chas. L. Harney 11,749.62
(C) C. C. W. & H. H. Hann 11,920.70
(D) Herman Lawson 11,994.36
(E) Eaton & Smith 12,661.00
(F) M. J. Lynch 13,386.00
(G) E. J. Treacy 14,280.40
(H) Fay Improvement Co.... 15,277.49

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.30	$ 5.95	$ 7.00	$ 10.00	$ 4.80	$ 8.00	$ 9.42	$ 8.87
(2)	25.00	10.00	20.00	32.00	48.00	10.00	10.00	17.40
(3)	6.00	4.00	10.00	10.00	9.60	4.00	10.00	7.75
(4)	20.00	70.00	80.00	150.00	72.00	30.00	50.00	43.75
(5)	20.00	40.00	35.00	28.00	39.00	20.00	100.00	43.75
(6)	35.00	90.00	60.00	57.00	96.00	30.00	100.00	50.00
(7)	30.00	50.00	50.00	26.00	96.00	30.00	100.00	55.00
(8)	300.00	150.00	100.00	274.00	240.00	60.00	350.00	191.00
(9)	.03	.02	.04	.02	.03	.03	.04	.03
(10)	.15	.18	.10	.08	.18	.18	.18	.18
(11)	.04	.05	.03	.02	.05	.05	.05	.05
(12)	.18	.25	.21	.10	.23	.21	.21	.21
(13)	.05	.06	.05	.02	.045	.05	.05	.06
(14)	.08	.05	.06	.04	.0825	.08	.05	.08
(15)	.12	.12	.08	.05	.10	.12	.10	.10
(16)	.10	.05	.05	.05	.05	.05	.05	.055
(17)	13.00	20.00	18.00	20.00	18.00	40.00	20.00	24.50
(18)	2.00	1.50	3.40	1.50	1.00	1.90	3.00	4.12
(19)	.25	.20	.20	.15	.18	.30	.25	.23
(20)	6.00	4.90	6.00	7.50	10.00	12.50	10.00	10.00
(21)	.25	.25	.17	.25	.20	.35	.35	.31
(22)	.15	.12	.20	.16	.20	.15	.15	.25
(23)	3.00	3.00	3.00	1.00	2.00	2.50	3.00	4.00
(24)	70.80	150.00	75.00	70.00	50.00	75.00	90.00	130.00
(25)	60.00	60.00	50.00	40.00	60.00	60.00	60.00	75.00

Bids referred to the City Engineer and the PWA.

Riverside and San Bernardino Cos.—33.5 Mi. Oiling—State

RIVERSIDE and San Bernardino Cos., Calif.—C. W. Wood, Box 49, Stockton, at $42,020.90 (previously reported) submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineeer, 808 State Bldg., Los Angeles, for treating with liquid asphalt about 33.5 miles in Riverside and San Bernardino Counties, bet. 6 miles north of Blythe and Vidal.

The work involves:
(1) 1190 tons liquid asphalt, SC-2;
(2) 625 tons liquid asphalt, SC-4;
(3) 356,300 sq. yds. preparing, mixing, and shaping roadbed;
(4) 8,000 sq. yds. preparing, mixing, and shaping slopes.

Complete bids follow:
(A) C. W. Wood, Stockton, $42,020.90.
(B) J. A. Casson, Hayward, $44,004.50
(C) Basich Bros., Torrance $44,364.00.
(D) R. E. Hazard Contr. Co., San Diego, $44,434.80.
(E) Martin Bros. Trucking Co., Long Beach, $49,483.00.
(F) Geo. Herz & Co., San Bernardino, $64,228.10.
(G) Oswald Bros., Los Angeles, $67,-940.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$12.50	$13.30	$12.00	$13.00	$12.00	$15.00	$14.00
(2)	17.00	15.30	15.50	15.00	17.00	20.00	16.00
(3)	.043	.05	.055	.046	.06	.087	.108
(4)	.15	.10	.10	.40	.40	.36	.35

CONTRACT AWARDED

SAN FRANCISCO—Pacific Pavements Co., 85 Barstow Street, at $1,166.30 awarded contract by Department of Public Works under Spec. No. 18,869, for reconstruction of the roadway on Rivoli Street between Belvedere and Cole Streets.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on July 31 and in Los Angeles on August 1:

IV-S.M-56-E, bet. Edgemar and Thornton, bids to be opened July 31: PLANS (No. of Sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. Sheets) 92; (Cost) $9.20; (Total) $10.60.

VIII-Riv-64-L,M,N,P, bet. Valle Vista and Route 187, bids to be opened Aug. 1: No Plans or Cross-Sections.

VIII-SBd-26-Col., I St. bet. west city limits and east city limits of Colton, bids to be opened August 1: PLANS (No. of Sheets) 14; (Cost) $1.40; CROSS-SECTIONS (No. Sheets) 3; (Cost) $.30; (Total) $1.70.

VIII-SBd-43-F & Col., bet. Santa Ana River and M St., in Colton, bids to be opened Aug. 1: PLANS (No. of Sheets) 13; (Cost) $1.30; CROSS-SECTIONS (No. of Sheets) 25; (Cost) $2.50; (Total) $3.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until July 29, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, 247 3rd St., San Bernardino, for applying seal coat on 18.6 miles in San Bernardino County, between Adelanto and Route 58.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

LOS ANGELES, Calif. — Southwest Paving Co., 125 W. Third St., Los Angeles, at $19,770.23 (using asphaltic concrete pavement) awarded contract by the Los Angeles Board of Public Works for grading, paving and otherwise improving San Fernando Road west between Aviation Drive and Goodwin Avenue.

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $5,206.50 submitted low bid and awarded contract by Berkeley City Council, Florence Turner City Clerk, for widening Adeline St. between Woolsey and Grove Sts.

Bids were taken as follows:

(1) 260 c.y. grading;
(2) 10 c.y. grading below subgrade;
(3) 5,900 sq. ft. asph. concrete pavement;
(4) 135 tons asphalt concrete resurfacing;
(5) 1,170 l.f. concrete curb and gutter;
(6) 2,300 sq. ft. concrete sidewalk;
(7) 300 sq. ft. concrete driveways;
(8) 120 l.f. 10-in. pipe culvert;
(9) 15 l.f. 15-in. do;
(10) 7 curb inlets;
(11) 38 redwood posts, complete in place;
(12) 10 electroliers, to be reset;
(13) 2 sewer traps to be rebuilt;
(14) 100 l.f. new electroliter cable;
(15) 100 l.f. new electroliter conduit.

Total bids follow:

(A) Union Paving Co., San Francisco, $5,206.50.
(B) W. H. Larson, Berkeley, $5,692.
(C) Ransome Co., Emeryville, $5,823.
(D) Independent Const. Co., Oakland, $5,901.75.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$1.50	$ 2.20	$ 2.00	$ 2.50
(2).....	1.50	3.00	1.00	3.00
(3).....	.25	.27	.23	.26
(4).....	6.50	6.00	5.00	6.75
(5).....	.80	.80	1.00	.75
(6).....	.16	.17	.16	.20
(7).....	.25	.19	.27	.30
(8).....	1.50	1.60	2.00	3.00
(9).....	2.00	2.20	2.20	4.00
(10).....	15.00	15.00	30.00	25.00
(11).....	3.00	6.00	3.00	3.00
(12).....	60.00	65.00	95.00	53.00
(13).....	10.00	20.00	7.50	25.00
(14).....	.20	.20	.20	.20
(15).....	.31	.35	.50	.40

BIDS WANTED

YAVAPAI COUNTY, Arizona—Until July 25, 10 A. M., bids will be received by U. S. Bureau of Public Rds., C. H. Sweetser, District Engineer, 414 Title & Trust Bldg., Phoenix, Ariz., for grading about 3.09 miles, Section J, of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai County, Ariz.

The work involves:

(1) 31,500 cu. yds. unclassified excav.;
(2) 750 cu. yds. unclassified excavation for structures;
(3) 12,000 cu. yds. unclassified excavation for borrow;
(4) 8000 sta. yds. overhaul;
(5) 3750 cu. yd. miles borrow haul;
(6) 442 cu. yds. concrete;
(7) 42,100 lbs. reinforcing steel;
(8) 79,000 lbs. structural steel;
(9) 718 lin. ft. CMP;
(10) 84 lin. ft. remove and stockpile existing CMP;
(11) 40 cu. yds. hand-laid riprap;
(12) 12,200 lin. ft. Type 1 protection ditch;
(13) 1 each cattle guard;
(14) 250 lin. ft. remove and reset existing fence;
(15) 6 each R/W monuments.

Specifications and proposal forms available at above office and Room 807, Sheldon Bldg., 461 Market St., San Francisco, on deposit of $10.

BIDS WANTED

IMPERIAL COUNTY Cal. — Until July 23, 2 P. M., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego, for treating with liquid asphalt about 40.2 miles in Imperial County, between Bond's Corner and Niland.

The work involves:

(1) 960 tons liquid asphalt Type SC-2.

Specifications and proposal forms obtainable from above.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego, for treating with liquid asphalt about 54.7 miles in San Diego County, between Bonsall and Rincon and between Santa Ysabel and northerly boundary.

The work involves:

(1) 1325 tons liquid asphalt Type SC-2.

Specifications and proposal forms obtainable from above.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, 310 Union Bldg., San Diego, for treating with liquid asphalt about 20.8 miles in San Diego County, between Descanso and Julian.

The work involves:

(1) 500 tons liquid asphalt Type SC-3.

Specifications and proposal forms obtainable from above.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $17,605 submitted the only bid to State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for treating with liquid asphalt (road-mix) and applying seal coat on about 4.7 miles of shoulders in Los Angeles County on Firestone Blvd., between Cerritos Ave. and Carmenita Ave. and Ramona Blvd. between Alliso St. and Fickett Street.

The items are:

(1) 3200 cu. yds. excavation;
(2) 3400 cu. yds. sand backfill in place
(3) 50 tons liquid asphalt, SC-2, in place (prime coat);
(4) 570 tons liquid asphalt, SC-2, in place;
(5) 47000 sq. yds. preparing mixing and shaping shoulders;
(6) 50 tons liquid asphalt 90-95 in place (seal coat);
(7) 600 tons screenings in place (seal coat).

The unit prices were: (1) $1.50 yd.; (2) 80c yd.; (3) $8.00 ton; (4) $7.50 ton (5) 7c sq. yd.; (6) $16 ton; (7) $2.20 ton; total, $17,605.

CONTRACT AWARDED

SAN FRANCISCO. — Fay Improvement Co., Phelan Bldg., at $1839.66 awarded contract by Department of Public Works under Spec. No. 18,868 for construction of a concrete center strip on Pacific Avenue between Presidio Ave. and Lyon St.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until August 8, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for applying seal coat to existing shoulders on about 66.7 miles in Riverside County, between Corona and southerly boundary and between Riverside and Elsinore.

The work involves:

(1) 395 tons asphaltic emulsion, 90-95.
(2) 2820 cu. yds. sand.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

SAN LUIS OBISPO, Cal.—Until July 23, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for treating with liquid asphalt about 34.2 miles in San Luis Obispo County, between 1.75 and 9.35 miles east of Cambria, and between mile 3.95 and mile 11.70, between Route 56 and 4.70 miles east and between 5.15 miles east of Santa Margarita and 1 mile east of Pozo.

Specifications and proposal forms may be obtained at the above address.

BIDS OPENED

CLARK COUNTY, Nevada—Central States Contr. Co., 344 High St., Oakland, at $24,506 submitted the only bid received by Bureau of Public Roads, 461 Market St., San Francisco, for placing bituminous treated surfacing (road-mix) on 3.661 miles of Section A of Route 11, the Mt. Charleston National Forest Highway, Dixie National Forest, Clark County:

Bids were taken as follows:
(1) 1,500 c.y. unclass. excav.;
(2) 75 c.y. do for structures;
(3) 500 c.y. miles hauling unclassified excavation;
(4) 235 l.f. 8-in. perforated CMP;
(5) 75 c.y. crushed rock or gravel for backfill;
(6) 6,500 c.y. crushed gravel for surface course;
(7) 50 cu. yds. stockpiling bituminous treated crushed gravel;
(8) 300 tons of liquid asphaltic road material, Type MC-2;
(9) 3.661 miles mixing and rolling;
(10) extra work, sanding seal coat;
(11) extra work, watering.

Total bids follow:
(A) Central States Contr. Co., Oakland, $24,506.00.
(B) Engineer's estimate, $25,597.55.

Unit bids follow:

	(A)	(B)
(1)	$ .50	$ .50
(2)	2.00	1.50
(3)	.20	.30
(4)	2.00	1.25
(5)	4.00	3.50
(6)	1.50	2.00
(7)	1.50	1.00
(8)	29.00	25.00
(9)	1000.00	800.00
(10)	50.00	50.00
(11)	500.00	500.00

Bids held under advisement.

CONTRACT AWARDED

PLUMAS COUNTY, Calif. — C. F. Fredricksen & Sons, Lower Lake, at $22,632.65 awarded contract by State Division of Highways, for about 59.4 miles of liquid asphalt treatment in Plumas County, between Route 29 and Almanor Dam, and between the south end of Government Section and Route 1; between Keddie and Quincy; between Blairsden and Delleker, and between Quincy and Meadow Valley.

LOW BIDDERS

COCONINO COUNTY, Ariz.—Ernest W. Everly, Albuquerque, N. M., at $48,562.84, submitted low bid to U. S. Bureau of Public Roads, V. H. Sweetser, District Engineer, 414 Title and Trust Bldg., Phoenix, for about 3.906 miles grading and placing selected material subgrade reinforcement on Section C of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino County, Ariz.

Tiffany Const. Co., San Jose, Cal., at $58,522.90 submitted second low bid; Heuser & Garnett, Glendale, at $59,563, third low. Engineer's estimate, $56,982.25.

Award to low bidder recommended.

BIDS WANTED

TEHAMA CO., Cal.—Until July 15, 10 A. M., bids will be received by the Tehama County Board of Supervisors, R. H. Holte, Clerk, Red Bluff, for furnishing corrugated culverts to the county of Tehama for the fiscal year ending June 30, 1936.

Specifications and estimates on file with the county clerk.

BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until July 22, 2 P. M., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for treating with liquid asphalt about 19.1 miles in Contra Costa County between the Park boundary near Danville and the Summit, between the Forks and the Toll House near Walnut Creek, Mt. Diablo Park Road.

The work involves 175 tons of liquid asphalt, Type SC-2.

Specifications and proposal forms may be obtained at the above address.

BIDS WANTED

NAPA COUNTY, Cal.—Until July 22, 2 P. M., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Building, San Francisco, for treating with liquid asphalt about 23 miles in Napa County between Wooden Valley Junction and Napa-Yolo county line.

The work involves 260 tons liquid asphalt, Type SC-3.

Specifications and proposal forms may be obtained at the above address.

CONTRACT AWARDED

SHASTA AND SISKIYOU COS., Cal.—Claude C. Wood, 669 Bedford Road, Stockton, at $48,664 awarded contract by the Bureau of Public Roads, 461 Market St., San Francisco, for grading and placing subgrade reinforcement on a portion of Section D, and bituminous treatment (light surface application) on the portion of Section D, and on a portion of Section E, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Siskiyou and Shasta Counties. The length of the portion of Section D is .718 mile; and of Section E, 3.18 miles.

BIDS OPENED

LOS ANGELES, Cal.—Oswald Bros. 366 E 58th St., Los Angeles, at $55,-064 (previously reported) submitted low bid to State Division of Highways C. H. Purcell, Chief Engineer, 808 State Bldg., Los Angeles, for grading and paving with asphalt concrete or portland cement concrete about 2.1 miles between Los Angeles Street and Artesia Avenue.

The work involves:
(1) 110 sta. clearing and grubbing right of way;
(2) 650 M. gals water;
(3) 20,500 c.y. rdwy. excav., unclass.
(4) 1,066,000 sta. yds. overhaul;
(5) 250 c.y. struc. excav.;
(6) 600 c.y. sand;
(7) 3,600 sq. yds. blending subgrade;
(8) 29,700 sq. yds. preparing subgrade
(9) 110 stations finishing rdwy.;
(10) 90 tons mineral aggregate (plant-mixed surfacing);
(11) 5 tons liquid asphalt MC-5 or MC-extra heavy (do);
(12) 1 ton liquid asphalt MC-2 (prime coat);
(13) 25 tons liquid asphalt SC-2 (do);
(14) 315 tons do (road mix surface treatment);
(15) 25,000 sq. yds. preparing, mixing and shaping shoulders;
(16) 27 tons liquid asphalt 90-95 (seal coat);
(17) 320 tons screenings (do);
(18) 4,000 lbs. bar reinf. steel (struc.)
(19) 45 c.y. Class A Port. cement concrete (structures);
(20) 50 l.f. cleaning and salvaging existing CMP culverts;
(21) 2 each culvert markers;
(22) 22 each monuments;

ALTERNATIVE ITEMS

Alternative "A"

(23) 12,400 tons asphalt concrete;

Alternative "B"

(24) 6.535 c.y. Class A Portland cement concrete (pave.);
(25) 14,800 lbs. bar reinf. steel (pave.);
(26) 8,000 each pavement dowels;
(27) 1 temporary pave. crossing device.

The total bids were:

(A) Oswald Bros., Los Angeles: Alt. A, $55,064; Alt. B, $57,807.75.
(B) Griffith Co., Los Angeles: Alt. A, $55,079; Alt. B, no bid.
(C) Geo. R. Curtis Paving Co., Los Angeles: Alt. A, $58,055; Alt. B, $58,-480.70.
(D) Sully - Miller Contr. Co., Long Beach: Alt. A, $58,169.50; Alt. B, no bid.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)	$9.00	$15.00	$10.00	$15.00
(2)	2.00	1.50	1.25	1.25
(3)	.22	.23	.25	.26
(4)	.002	.003	.01	.005
(5)	.90	1.00	.75	.70
(6)	.60	.60	2.00	.75
(7)	.04	.06	.05	.10
(8)	.10	.12	.09	.11
(9)	3.50	2.00	5.00	2.00
(10)	2.20	1.90	2.40	3.00
(11)	16.00	15.00	16.80	16.00
(12)	36.00	35.00	40.00	40.00
(13)	7.50	7.10	8.50	8.00
(14)	7.50	7.10	8.50	8.00
(15)	.05	.06	.05	.04
(16)	17.00	16.00	20.00	18.00
(17)	2.00	2.40	2.50	2.50
(18)	.045	.04	.042	.05
(19)	18.00	15.00	16.80	20.00
(20)	.50	1.00	.60	1.00
(21)	2.50	3.50	3.00	5.00
(22)	2.50	3.00	3.00	2.00
(23) Alt. A	2.90	2.72	3.10	2.75
(24) Alt. B	6.45	.....	6.62	.....
(25)	.07	.....	.08	.....
(26)	.10	.....	.12	.....
(27)	60.00	.....	80.00	.....

30—RESERVOIRS & DAMS

PROJECT APPROVED

TULARE COUNTY, Cal.—Cities of Tulare and Lindsay voted July 10 in favor of a proposed municipal utility district for constructing pipeline to supply natural gas from Kettleman oil field and distributing system in each city and vicinity.

Work will be financed with revenue bond issue.

Construction costs estimated:

LINDSAY: $96,140 for 18 miles of general system, one mile 6-in. mains, four miles 4-in. mains, thirteen miles 2-in. mains; 1200 services, meters and regulators; contingencies.

TULARE: $132,680 for 29 miles of general system, one mile 6-in. mains, four miles 4-in. mains, twenty-four miles 2-in. mains; 1400 services; meters and regulators; contingencies.

Chas. F. Burr, Mayor of Lindsay, is chairman of the district.

LOW BIDDER

CASPER, Wyoming—W. E. Callahan Constr. Co., Dallas, Texas, and Gunther & Shirley, Los Angeles, bidding jointly, at $1,482,651 submitted low bid to the Bureau of Reclamation, Casper, Wyoming, under Spec. No. 590, for the construction of the Alcova Dam, Casper-Alcova Project, Wyo.

Complete bids will be published shortly.

CONTRACT AWARDED

LOS ANGELES, Cal.—Geo. J. Bock Co., 1120 N. Las Palmas Ave., Los Angeles, at $37,401.25 (compacting fill either by rolling or by diking and flooding) awarded contract by the Los Angeles County Board of Supervisors for the construction of the Hall Beekley debris basin and appurtenant structures, located near Montrose.

CONTRACT AWARDED

LOS ANGELES, Cal.—Case Const. Co., Inc., 905 Westminster Avenue, Alhambra, at $44,291 (using diking and flooding method of compacting fill) awarded contract by the Los Angeles County Board of Supervisors for the construction of a debris basin and appurtenant structures in Pickens Canyon, near Montrose.

32—SEWERS & SEWAGE

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at $67,772, awarded contract by San Mateo City Council for constructing Unit A, intercepting and outfall sewer lines, of the municipal sewage disposal project.

BIDS WANTED

ESCALON, San Joaquin Co., Cal.—Until July 19, 2 P. M., bids will be received by Directors of the Escalon Sanitary District, A. G. Tibbetts, Secretary, Chamber of Commerce, Escalon, for furnishing sewer pipe and furnishing and installing sewage pump.

Bids will be taken as follows:

(1) 500 l.f. 10-in. B&S vitrified, salt glazed clay sewer pipe;
(2) 4,100 l.f. 8-in. do;
(3) 10,482 l.f. 6-in. do;
(4) 1 vertical motor and sewage pump of the non-clogging type.

Proposals may be submitted on one or all items.

Specifications on file at the office of the Secretary and with Frank J. Rossi, Consulting Engineer, 616 Tenth St., Modesto. * 2

DISTRICT FORMED

PALM SPRINGS, Riverside Co., Cal.—Formation of the Palm Springs Sanitary Sewer District carried at the recent election by a vote of 90 to 5. The district proposes to issue bonds and apply for Federal aid to install a $70,000 sewer system. Plans for the project were prepared by Davidson & Fulmor, engineers, Riverside. Directors of the district are: Earl Coffman, Desert Inn; Tom Lipps, Del Tahquitz Hotel; Warren Pinney, El Mirador Hotel; Harold Hicks and Francis Crocker. F. V. Shannon was elected assessor.

CONTRACTS AWARDED

GRANTS PASS, Oregon—Following contracts awarded by the Grants Pass City Council for the construction of a municipal sewage disposal plant:

SECTION 1, general contract: Warren Northwest, Inc., P. O. Box 5072, Portland, $28,197 (rectangular tanks).
SECTION 2, glass cover for sludge bed, Greenhouse Mfg. Co., $4983.
SECTION 3, settling tank mechanism (rectangular type), Link Belt Co., Los Angeles, $3350.
SECTION 4, sludge pumps, Palmer Supply Co., Seattle and Las Angeles, $1008.
SECTION 5, heating equipment, Consolidated Supply Co., 139 S. W. Stark, Portland, $473.
SECTION 6, chlorinator, Wallace & Tiernan, Newark, N. J., $1524.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $25,756.25 awarded contract by the Los Angeles County Board of Supervisors for constructing a concrete lined channel on Verdugo Wash from the debris dam approximately 1700 ft. southerly.

BIDS WANTED

SAN MATEO, Cal.—Until July 22, 8 P. M., new bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, Room 6, City Hall, for the construction of Unit B, pumping plant and treatment works, for the municipal sewer system.

Lump sum bids will be taken for the job, involving:

CONCRETE, CLASS A:
Pump house, 182 cu. yds.
Control house, 65 cu. yds.
Clarifier and gate well, 245 cu. yds.
Sludge well, 14 cu. yds.
Meter box, 6 cu. yds.
Sludge digestion tank, 228 cu. yds.

EXCAVATION:
Pump house, 800 cu. yds.
Clarifier, 580 cu. yds.
Sludge well, 70 cu. yds.
Sludge digestor tank, 580 cu. yds.

PUMP HOUSE EQUIPMENT:
Automatic fire screen.
2-in. pump and motor.
Piping, valves, fittings and control apparatus.

PILING, 154 40-ft. piles.
GRADING:
Roadways and fill, 8200 cu. yds.
Roadways, quarry baserock, 1700 cu. yds.
Road oil surface, 4755 sq. yds.
Oil and screening surface around plant, 2111 sq. yds.
1400 lin. ft. fence.
One effluent meter.
One sludge pump and motor.
Sludge digestor equipment.
Clarifier equipment.

Alternate bids will be received for the work with deductions for the omission of the following items:
Sludge drying beds.
Oil and screening surface for rdwy.
Fill material.
Landscaping.
Timber pile.
Fencing and gates around treatment works.
Water reclamation system.

Plans and specifications obtainable from the above office, and E. P. Wilsey, City Manager and City Engineer, upon deposit of $20.

33— WATER WORKS

PLANNED

SUISUN, Solano Co., Cal.—The City Council plans replacement of water main to cost $37,000. Application will be made to PWA for grant of 45% of cost.

Clyde C. Kennedy, Call Building, San Francisco, consulting engineer.

CONTRACT AWARDED

SAN FRANCISCO. — Pacific States Construction Co., 708 Call Bldg., San Francisco, at $33,307.33 awarded contract by Department of Public Works, under Spec. No. 18,846, for installation of the Sunset District Extension to the Auxiliary Water Supply System for fire protection.

CONTRACT AWARDED

SAN FRANCISCO. — M. J. Lynch, Oakdale and Barnevald Avenues, at $43,694.45 awarded contract by Department of Public Works, under Spec. No. 18,845, for installation of Section B of the Park-Presidio District Extension to the Auxiliary Water Supply System for fire protection.

CONTRACTS AWARDED

ST. HELENA, Napa County, Cal.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $0.48 per foot, awarded contract by the St. Helena City Council for furnishing 1800 lin. ft. of 4-in. cast iron pipe.

Walter Lenz, Madrona Ave., St. Helena, at $0.20 per foot, awarded conatract for laying the pipe, which will replace the existing 2-in. water main between the high school and the south city limits. *

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SACRAMENTO, Cal.—The following bids received by U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-2, for (1) furnishing only sufficient fencing material, including posts, gates, extension arms, etc., (but not including cement and aggregates) required to construct approximately 1095 lin. ft. of fence at Sacramento Weir, near Lovdal; or (2) for furnishing and erecting same:

Michel & Pfeffer Iron Works, San Francisco: (2) $547.50 (erecting only).

Diamond Match Co., Chico: (1) $1,822; (2) $2240.

Stewart Iron Works Co., Cincinnati, Ohio: (1) $1633; (2) $2448.

Identical bids at (1) $1359, and (2) $2240, were submitted by the following: Baker, Hamilton & Pacific Corp., San Francisco; Anchor Post Fence Co. San Francisco; Kamlan Fence Co., San Francisco; California Wire Cloth Co., Oakland; Western Steel & Wire Co., San Francisco; C. J. Waterhouse Co., San Francisco; Wickwire Spencer Steel Co., San Francisco; Standard Fence Co., Oakland; Thompson Dickson, Sacramento; Austin Bros., Stockton; Wayne Iron Works, San Francisco.

Note: The bid of Wayne Iron Works was previously reported incorrectly.

* 34

CONTRACT AWARDED

SACRAMENTO, Cal.—Western Steel & Wire Co., 439 Bryant St., San Francisco, at $1359 awarded contract by the U. S. Engineer Office, 208 Post Office, Sacramento, under Proposal No. 1105-36-2, for furnishing only sufficient fencing material, including posts, gates, extension arms, etc., for constructing approximately 1095 lin. ft. of fence at Sacramento Weir near Lovdal.

New bids will be asked for the erection of the fence.

BIDS WANTED

ALAMEDA, Alameda Co., Calif—Bids are being received by the Custodian, Alameda Post Office, for seeding and planting the grounds at the U. S. post office, Alameda.

35— TUNNELS

BIDS OPENED

SALT LAKE CITY, Utah — Case Constr. Co., Inc., 905 Westminster Ave., Alhambra, at $334,176.50 under Schedule No. 3, Specifications No. 602, submitted low bid to the U. S. Bureal of Reclamation, E. O. Larson, Engineer, Salt Lake City, Utah, July 8, for constructing Ephraim & Spring City Tunnels of the Sanpete Project:

Complete bids follow:
(A) Case Constr. Co., Alhambra, Cal.
(B) Morrison - Knudsen Co., Boise Idaho.
(C) W. W. Clyde & Co., Springville, Utah.
(D) S. S. Magoffin Co., Inc., Pasadena, Calif.
(E) Siems - Spokane Co., Spokane, Wash.

	Sched. 1 Ephraim Tunnel	Sched. 2 Spring City Tunnel	Sched. 3 (1 and 2 combined)
(A)....	$168,334	$172,487.50	$334,176.50
(D)....	174,755	.....	.....
(E)....	204,661	227,432.50	.....
(B)....	162,434	218,482.50	.....
(C)....	166,400	.....	.....

Section 4378, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

●

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

Clinton Low at $813,000 For S. F. Mint

$20,000,000 For Central Valleys Project

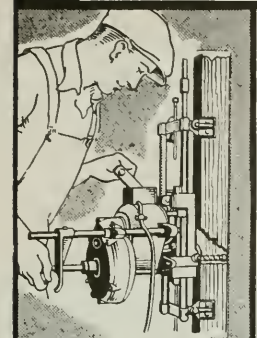
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

27, 1935

Vol. XVIII—No. 30

WAPPAT Electric TOOLS



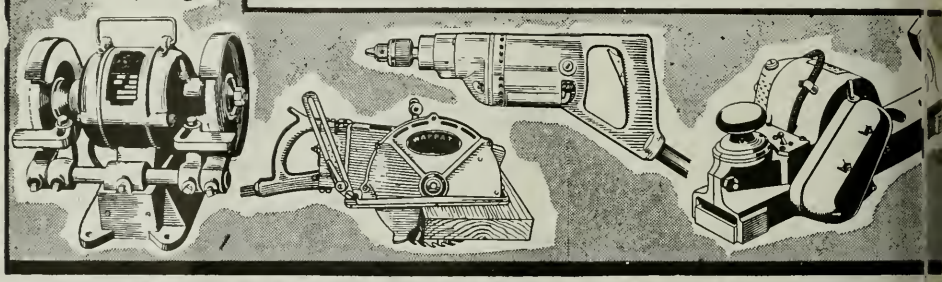
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

VOL. XVIII SAN FRANCISCO, CALIF., JULY 27, 1935 No. 30

Clinton Construction Co. Low Bidder At $813,000 For Building S. F. Mint

The Clinton Construction Company, 923 Folsom Street, yesterday submitted a low bid of $813,000 to the Treasury Department for construction of the new U. S. Mint building in San Francisco. Seven proposals for the general contract were received, representing a bidding range of more than $126,000.

Total bids were as follows:

Clinton Const. Co., S. F.	$813,000
J. Wagner and K. E. Parker Co., San Francisco	847,990
Sigren & Swinerton, S. F.	863,000
McDonald & Kahn Co., S. F.	875,578
Great Lakes Const. Co., Chicago	886,688
S. Fireproofing Co., Chicago	903,860
E. Campbell, Los Angeles	929,730

For installation of elevators in the building low bid was submitted by Otis Elevator Company with a proposal of $30,311. Second and third low bids, respectively, were Westinghouse Electric Elevator Co. $31,449; and Pacific Elevator and Equipment Co., $35,000.

The mint will be located on the block bounded by Duboce avenue, Buchanan, Hermann and Webster streets. It will be four stories in height and architecturally will follow the classic tradition.

The building will cover a rectangular area approximately 207 by [illegible] feet, with a court in the center. It will be of structural steel frame construction, with reinforced concrete floor slabs and concrete exterior walls with stone or terra cotta facing.

On the first floor a large lobby is situated just beyond the entrance, with a guard room on one side and a timekeeper's room on the other. On this floor will be located the receiving department, storage vaults, melting and refining vault, plumbing, carpenter and blacksmith shops, boiler room and motor generator room with control panels and other electrical equipment.

The second floor will be occupied by melting rooms, a rolling room, annealing room, coiner's weigh room and vault, and a press room and offices.

On the third floor will be the refiner's melting room, cell room, a machine shop, assay laboratory, and a number of offices, including that of the building superintendent.

The top story will contain record rooms, an electric shop, the precipitator system machine room, and a lunch room and kitchen for mint employees. Lavatories and washrooms are located on each floor.

Partitions throughout the building, with a few exceptions, will be of reinforced concrete and will be provided with the most modern protective equipment available.

Plans for the new mint were prepared by Architect Gilbert Stanley Underwood of Los Angeles and members of the Treasury Department supervising architect's staff.

A unique architectural feature of the building will be a series of large stone coins applied against the face of the outer facade. The disks, each of which will be three feet in diameter, are planned to tell the history of coinage from ancient times down to the present day.

POSTPONE OPENING POST OFFICE BIDS

WASHINGTON, D. C., July 23 Opening of bids for three western post office building contracts was postponed today by the Treasury Department. Proposals were to have been received today for the Alhambra post office contract, which is postponed to August 5. Bids for the Lodi building, previously scheduled July 31, are to be received August 20, and for Grants Pass, Oregon, are postponed from July 31 to August 14.—

INSPECTOR APPOINTED

Coalinga city council has appointed P. Birdwell city electrical inspector, a post created by the recently-enacted ordinance regulating electric wiring and appliance installation.

CITY TO ASK PWA AID FOR SHOALS WORK

Supervisors Authorize Application For $1,711,755 Grant

Authority to request a $1,711,755 PWA grant to aid in financing reclamation of Yerba Buena Shoals for use as a site for the 1938 exposition and eventually as a municipal airport was given the San Francisco Public Utilities Commission yesterday in a resoluton passed by the Board of Supervsors. Total cost of the shoals reclamation project is estimated at $3,803,900.

The supervisors, meeting in special session to act upon the request of Exposition President Leland W. Cutler for city assistance in obtaining Public Works Administration funds for the project, passed a second resolution assuring that the city and county of San Francisco will not be obligated to supply any funds for the fair site work.

The shoals reclamation project, including fill on the shoals and construction of a breakwater arund them, will require about a year to complete and will employ approximately 1200 men, according to a tentative construction program prepared under the direction of Utilities Manager E. G. Cahill.

The grant to be requested of the federal government will supply about 45 percent of the necessary funds. The remaining $2,092,145 is to be subscribed by business interests supporting the 1938 world's fair.

Estimated division of the expenditures proposed is as follows:

Rock seawall, $500,000; spur dykes, 400,000 tons of rock and 2[illegible] timber spurs, $313,200; dredger fill, 20,000,000 cubic yards, $2,600,000; dredging $100,000; engineering and other architectural fees, $141,800; interest during construction, $91,900.

Labor would get directly, $1,840,596, superintendence, $141,800; materials, supplies and equipment, $1,704,604.

Governor Signs Bill Creating Contractor Board To Administer State License Act

Administration of the Contractors License Act will be vested in a board of seven contractor members when the amendments to the existing law become effective next September. The bill was signed by the governor among the last measures to clear his desk Saturday night.

Transfer of authority over the license bureau to the board from the Director of the Department of Professional and Vocational Standards is the major change effected by the amendments. Other portions of the bill serve to clarify language of the existing act to define jurisdiction of the registrar. The bill was introduced in the legislature by Senator Tom Scollan, Sacramento.

The seven board members will be appointed by the governor within thirty days after the act becomes effective. They are to include one general engineering contractor, three general building contractors and three specialty contractors. Each member is to be a contractor who has engaged actively in business not less than five years immediately preceding appointment and shall have been a citizen and resident of the state for the same length of time. The original members will be selected for terms expiring at intervals of one year commencing January 15, 1936. Succeeding appointments will be for a term of four years.

Organization and the powers and duties of the board are described in the following sections of the amended act:

(c) The board shall, within thirty (30) days after its appointment by the Governor, meet in the city of Sacramento at a time and place to be designated by the Governor, and organize by electing a chairman, and a vice chairman, each to serve until the close of the fiscal year. Said board shall have power to appoint such committees and to make such by-laws, rules and regulations as it shall deem necessary to carry out the provisions of this act. The board shall adopt a seal for its own use. The seal shall have the words "contractors' State License Board, State of California," and the care and custody thereof shall be in the hands of the registrar, hereinafter created.

(d) Under such rules and regulations as it may adopt the board shall have the power and authority to examine, classify and qualify applicants for contractors licenses under the provisions of this act. Any member or committee of the board may administer oaths and may take testimony and proofs concerning all matters within the jurisdiction of the board.

(e) The board shall hold not less than four (4) regular meetings each fiscal year, once in July, once in October, once in January and once in April, for the purpose of transacting such business as may properly come before it. At the July meeting of each year the board shall elect officers. Special meetings of the board may be held at such times as the board may provide in its by-laws. Four (4) members shall constitute a quorum at a board meeting. Four (4) members of the board may call a special meeting at any time. Due notice of each meeting and the time and place thereof shall be given each member in such manner as the by-laws may provide. Each member shall be reimbursed for his traveling expenses necessarily incurred in the performance of his duties hereunder.

(f) The board shall have the power to procure such equipment and records as may be necessary to carry out the provisions of this act. The board by and with the approval of the Director of the Department of Professional and Vocational Standards shall appoint a Registrar of Contractors and fix his compensation, who shall be the executive secretary of the board and shall carry out all of the administrative duties as in this act provided and as delegated to him by the board. For the purpose of administration of this act there may be appointed a deputy registrar, a chief reviewing and hearing officer and such other assistants and subordinates as may be necessary, such appointments to be made in accordance with the provisions of civil service laws.

(g) The board shall have the power in its discretion to review and sustain or reverse by a majority vote any action or decision of the registrar with reference to the suspension, cancellation or revocation of any license issued under the provisons of this act.

(h) There may be created and established within the Contractors' License Bureau a separate division for the purpose of cooperating in the administration and enforcement of the National codes for the construction industry as approved under the provisions of the National Industrial Recovery Act, said division to be known as the Division of Code Coordination. Such division, if created, shall be under the charge of a "Code Coordinator," which position is hereby created, who shall be under the supervision of the registrar. Through the Division of Code Coordination, the registrar may render such assistance as to him seems proper to any officer, authority, or organiation charged with the enforcement of a Federal code or codes of fair competition for to be furnished to all construction in the construction industry or any subdivision thereof, provided that such officer, authority or organization shall have been appointed in accordance with the provisions of such code or codes, and further provided that, in the sound opinion of the registrar, such assistance shall not be inconsistent with the protection of the public and shall be in the interest of best serving the public safety and welfare.

(i) The registrar shall keep a complete record of all applications for licenses as prescribed in this act and the board's action thereon and shall prepare annually a roster showing the names, places of business and residence of all persons conducting a contracting business in this State, a copy of such roster to be filed with the Secretary of State, a copy of such roster to be filed with the clerk of each county in the State, and a copy dustry associations. Copies of such roster shall be available on application to the registrar at such price per copy as may be fixed by the board.

STATUTE PERMIT CENTRAL CONTRO OF COUNTY ROAD

Supervisors Required to Rep Itemized Expenditures Annually

Centralized county control o road construction is provided in bill amending the state Streets a Highways Code passed by the l legislature and signed by the g ernor.

The act requires the county pervisors to prepare a classifi tion of all publicly owned roa and highways, not part of the st system, to show the mileage, ch acter of improvement and densi The report is to be made by county surveyor or the county pl ning commission and is to be companied by an annual statem setting forth requirements for county as a whole for new c struction, repair and maintenan It is provided that "this statem shall be in numerlally itemi form, and each item shall be clusive of all expenses entering to the item, including labor, terials, equipment, rental, costs rights of way, damage and all o er incidental items."

The statement is to be a part the statement of new road a bridge construction and grade s aration, submitted annually to t county auditor.

At the option of the board of pervisors a county road comm sioner may be appointed to act road commissioner for any or road districts in the county a the supervisors may also cons date the existing road districts i a single district comprising all the territory except that within corporated areas.

SANTA CRUZ PLANS CIVIC AUDITORIU

Construction of a modern ci auditorium in Santa Cruz will the object of a campaign for wh plans were formulated last we at a meeting of business men that city. A second meeting to p campaign plans to completion scheduled for this week.

At last week's meeting it v pointed out that construction of up-to-date auditorium would con erably enhance the city's posit as a convention place. Creation a building fund with federal by private subscription, and if n essary by taxation was urged.

The board, in addition to the us periodic reports, shall within thi (30) days prior to the meeting of regular session of the Legislature s mit to the Governor a full and t report of its transactions during preceding biennium including a co plete statement of the receipts expenditures of the board during period. A copy of said report shall filed with the Secretary of State. records shall be public records.

. S. PREPARES TO CONSTRUCT VALLEY PROJ.

0,000,000 Allotment Approved; Sacramento To Be Headquarters

Engineers of the U. S. Reclamation Service will open an office in ramento immediately after the sident approves the initial alment of Federal work - rehe ney to construct the Central leys project, according to Comssioner of Reclamation Elwood d. The Works Allotment Board recommended a $20,000,000 alation for the project, it is reted, and this sum, together with her reclamation construction ds is awaiting final action by President. The entire project l be constructed by the Reclation Service, it is understood. 'ederal engineers will have for sideration the reports on all ses of the project prepared by te Engineer Edward Hyatt. The ensive preliminary engineering essary to present the project to various Federal agencies which e investigated it will make poss e an early contracting of sev l sections, it is believed.

tate Engineer Hyatt has recomnded first-year allocation of contction funds as follows: Ken t dam, $5,162,400; Contra Costa duit, $500,000; Antioch steam it and transmission lines, $4,-000; Friant dam, $1,000,000; lera irrigation canal, $500,000; Joaquin river pumping system 31,000; Friant-Kern irrigation al, $6,146,000 .

art of the initial appropriation Kennett probably will be exded on relocation of the South-Pacific tracks. Relocation surs made by railroad engineers the State Division of Highs indicate 37 miles of rails and miles of highway must be red to clear the area which will ubmerged behind Kennett dam. largest single construction will be a combination rail- and highway bridge 3200 feet to carry the two routes across river.

T ALAMEDA JOBS FOR FEDERAL FUNDS

rojects to cost approximately ,000, for which the city of Alda proposes to ask federal aid, been listed by City Manager tay Fitz for action by the city ncil.

he list includes sewer construc- $1200; sprinkler system, $40,- repaving Portola Ave., $70,- new library for the west end Webster St., $25,000; new build- for the corporation yard, $75,- improvement of the California s' Training School site for park poses; $15,000; park improvets, $39,000; and work on the hall, $5,000.

Supervisors Budget $500,000 Street Improvements With Gas Revenue Share

State gasoline tax funds allotted the city and county of San Francisco will provide for street construction and improvement contracts aggregating approximately $500,000 during the current fiscal year, according to an analysis of Wm. D. Coughlin of the Associated General Contractors of the annual appropriation ordinance as passed by the supervisors and signed by Mayor Rossi.

The one-cent tax money allotted the county road fund is divided among ten separate projects for which $249,554 is appropriated in the annual budget. The additional quarter-cent gasoline tax fund allotted the city for street improvements will provide for eleven projects to cost approximately $253,000.

Specific projects for which the one-cent tax fund is appropriated are:

California St., widen, Presidio to First Avenue	$ 35,000
Irving St., widen, Seventh to 18th Avenues	15,000
First St., reconstruct, Embarcadero to Brannan St.	5,000
Divisional highway, Castro to Divisadero Street	50,000
Roadway into Potrero Hill Playground	6,500
Recondition streets, Crocker-Amazon Tract	6,700
Army Street widening	50,000
Parker Ave., widen, Euclid to Geary	48,354
Seventh Ave., resurface, Lawton to Lincoln Way	8,000
Joint Highway Dist. No. 10	25,000
Total	$249,554

The quarter-cent tax fund allotted the city is divided among the following projects:

Steuart St., reconstruct, Embarcadero to Mission	$ 10,000
South Van Ness Ave. (Howard St.) widen, 24th to 26th	10,000
Spear St., reconstruct, Embarcadero to Howard	9,000
Folsom St., reconstruct, Embarcadero to Third	13,300
18th St., widen & reconstruct Guerrero to Danvers	28,200
Anza St., cut through to St. Roses Avenue	40,000
Geneva Ave., widening, land acquisition and reconstruct	87,500
Silver Ave., land acquisition and reconstruct	12,000
Dearborn St., land acquisition and extension	13,000
Persia Ave., reconstruction & extension	15,000
Shakespeare St., land acquisition and extension	15,000
Total	$253,000

In appropriating funds provided by the one-cent tax, the supervisors made several changes in the budget as originally recommended by the mayor, following the suggestions of Supervisors Gallagher and Ratto, chairmen, respectively, of the finance and streets committees.

Shipments of hand operated fire extinguishing equipment numbered 131,350 during first five months of 1935, as compared with 100,387 in the corresponding period last year, according to reports to the Bureau of the Census.

ALAMEDA PLANS ANOTHER BRIDGE OVER ESTUARY

Application to PWA Authorized For Aid on $650,000 Bascule Span

Alameda county supervisors yesterday authorized County Engineer Burnett Hamilton to apply immediately for a PWA grant of $292,-500 to aid construction of a new bridge across the estuary between Oakland and Alameda at High St.

The new span would replace the present High Street bridge, built 40 years ago, and frequently condemned as an obstruction of navigation and unsafe for heavy traffic.

The board's decision followed a conference with Hamilton and John Mason, PWA engineer, who has been aiding in supervising construction of the new Park Street span.

Previously the board had contemplated seeking a grant for replacement of the Fruitvale Ave. bridge at a cost of $1,200,000 but the conference with Hamilton and Mason led to decision to attempt prior construction of the High St. span.

Total cost of the new bridge was estimated at $650,000 by Hamilton and the county's share of the cost at $357,500 or 55 per cent of the total. The bridge would be of the double-leaf bascule type, similar to the new Park Street span, he said.

Santa Clara Asks $138,172 PWA Aid For Hospital Wing

Santa Clara county has filed an application with PWA for grant of $138,172 toward construction of an addition to the county hospital to cost $307,000.

Plans for a north wing addition to the institution to relieve overcrowding have been prepared by Architects Binder & Curtis of San Jose. The architects have been authorized to negotiate with the government.

The building is the only PWA project contemplated by Santa Clara County, although there are several other major items of construction covered in applications filed or being prepared by other agencies in the county.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
707	Pacific	Cahill	4800
708	Century	Schell	3500
709	Blum	Owner	4000
710	Costello	Owner	5300
711	Isaac	Owner	3500
712	Standard	Owner	3000
713	Peterson	Owner	4000
714	Isaac	Owner	3500
715	Standard	Owner	3000
716	Fortorelli	Lindsay	4000
717	Norton	Early	2000
718	Felton	Irwin	10000
719	Guidc	Owner	1000
720	Birdsall	Owner	3000
721	Bedcut	Early	1000
722	Standard	Standard	3000
723	Standard	Standard	3000
724	Standard	Standard	3000
725	Standard	Standard	3000
726	Doelger	Owner	4000
727	Mary's Help	Barrett	7000
728	Sherwood	Nelson	6250
729	Coles	Owner	4000
730	Stoneson	Owner	3000
731	Stoneson	Owner	3000
732	Sandeen	Owner	3500
733	Sandeen	Owner	3500

OFFICES

(707) SW MARKET AND VAN NESS Ave. Class C brick offices.
Owner — Pacific Finance Corp., 425 Russ Bldg., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Conaractor — Cahill Bros., 206 Sansome St., S. F. $4800

ALTERATIONS

(708) NW POST AND KEARNY Sts. Alter store.
Owner—Century Realty Co., 200 Kearny St., San Francisco.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Contractor—Fred W. Schell, 1651 24th Ave., San Francisco. $3500

DWELLING

(709) BURROWS ST. 56 SW Bruscells St. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given. $4000

DWELLING

(710) E THIRTY-SECOND AVE. 300 S Lawton St. One-story and basement frame dwelling.
Owner—Laurence Costello, 382 27th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING

(711) W EIGHTH AVE. 85 S Ortega; 1-story and basement frame dwelling.
Owner—H. H. Isaac, 517 Belvedere.
Architect—Not Given. $3500

DWELLING

(712) W 32nd AVE. 25 S Kirkham; one - story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3,000

DWELLING

(713) W MIRAMAR 150 S De Montford; 1-story and basement frame dwelling.
Owner—A. R. Peterson, 60 Cotter St.
Architect—Not Given. $4,000

DWELLING

(714) W EIGHTH AVE. 50 S Ortega; 1-story and basement frame dwelling.
Owner—H. H. Isaac, 517 Belvedere.
Architect—Not Given. $3500

DWELLING

(715) W 32nd AVE. 50 S Kirkham; one - story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3,000

DWELLING

(716) NW VIRGINIA AND COLERidge Sts. One-story and basement frame dwelling.
Owner — Tony Tortorelli, 128 Kingston St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco. $4000

STATION

(717) SW TWENTY-THIRD AVE. & Taraval St. Steel service station.
Owner—Lewis M. Norton, % Contractor.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $2000

ALTERATIONS

(718) SECOND AND BRANNAN STS. Alter warehouse.
Owner—The Felton Co., Premises.
Architect—Albert F. Roller, 1st Nat'l. Bank Bldg., San Francisco.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—J. J. Irwin, 1040 Oak St., San Francisco. $10,000

ALTERATIONS

(719) NO. 1132 FITZGERALD ST. Alter dwelling.
Owner—Italo Guidi, 2830 Ingalls St., San Francisco.
Architect—Not Given. $1000

DWELLING

(720) W TWENTY-SECOND AVE. 50 N Lawton St. One-story and basement frame dwelling.
Owner—Stella K. Birdsall, 646 47th Ave., San Francisco.
Architect—Not Given. $3000

REPAIRS

(721) NO. 279-285 MINNA ST. Repair fire dame to building.
Owner—Bercut Bros., % Contractor.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

STATION

(722) NE SLOAT BLVD. & GREAT Highway. Class A service station.
Owner — Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush Co., San Francisco. $3000

STATION

(723) NE SLOAT BLVD & GREAT Highway. Class C greasing station.
Owner — Standard Stations, Inc., 200 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Standard Oil Co., 225 Bush Co., San Francisco. $3000

STATION

(724) NW PINE AND VAN NESS Ave. Class A service station.
Owner — Standard Stations, Inc., 0 Bush St., San Francisco.
Plans by Engineering Dept. of Ow
Contractor — Standard Oil Co., 5 Bush Co., San Francisco. $ 0

STATION

(725) NW TWENTY-FOURTH A and Geary St. Class A service station.
Owner — Standard Stations, Inc., 0 Bush St., San Francisco.
Plans by Engineering Dept. of Ow
Contractor — Standard Oil Co., 5 Bush Co., San Francisco. $ 0

DWELLING

(726) E 30TH AVE. 100 N Judah One-story and basement frame dwelling.
Owner—Henry Doelger Builder 1 320 Judah St., San Francisco.
Architect—Not Given. $ 0

ALTERATIONS

(727)NO. 145 GUERRERO ST. A hospital.
Owner—Mary's Help Hospital, Pr
Architect—E. A. Eames, 353 Sa mento St., San Francisco.
Contractor—Barrett & Hilp, 918 P rison St., S. F. $ 0

DWELLING

(728) W MAYWOOD DRIVE 37 S Yerba Buena. One-story d basement frame dwelling.
Owner—Sherwood Bldg. Co., 39 St r St., San Francisco.
Architect—Not Given.
Contractor—Frank F. Nelson Ind 2 Edgehill St., San Francisco. $ 0

DWELLING

(729) W TWENTY-SEVENTH A 125 N Santiago St. One-story d basement frame dwelling.
Owner—W. P. Coles, 1359 32nd A San Francisco.
Architect — C. O. Clausen, 746 1 h Ave., San Francisco. $

DWELLING

(730) S NIAGARA ST. 100 W Ca a St. One-story and basement fr e dwelling.
Owner — Stoneson Bros., 1630 O n Ave., San Francisco.
Architect—Chas. Strothoff, % Ow r. 00

DWELLING

(731) S NIAGARA 75 W Cayuga t. One-story and basement fr e dwelling.
Owner — Stoneson Bros., 130 O n Ave., San Francisco.
Architect—Chas. Strothoff, % Ow r. 00

DWELLING

(732) N SOLA 77 E Marcella St t. One-story and basement fr e dwelling.
Owner—Conrad Sandeen, 82 Jo n Ave., San Francisco.
Architect—Not Given. 00

DWELLING

(733) N SOLA ST. 44 E Mar a One-story and basement f e dwelling.
Owner—Conrad Sandeen, 82 Jo n Ave., San Francisco.
Architect—Not Given. 00

ALAMEDA COUNTY

o.	Owner	Contractor	Amt.
3	Clarence	Rose	1000
4	Joost	Lee	1900
5	Brodie	Shapero	6000
6	Brasch	Owner	5000
7	Hammarberg	Hammarberg	4950
8	Clark	Cederborg	10000
9	Scammel	Owner	5000
10	Halstead	Owner	1000
11	Vaughn	Owner	3000
2	Dooley	Owner	4300
3	Taylor	Owner	4000
4	Woods	Jensen	11000
4	Johnson	Owner	4500
5	Santa Cruz	Owner	6900
6	King	Owner	3600
7	Johnson	Johnson	1500
8	Freitas	Armstrong	2500
9	Koos	Rose	1000

EPAIRS

03) NO. 1000 CENTRAL AVENUE, **ALAMEDA.** Repair fire loss in frame business building.
wner—Mr. Clarence, Premises.
rchitect—Not Given.
ontractor—A. H. Rose, 478 25th St., Oakland. $1000

LTERATIONS

04) NO. 1118 WALNUT STREET, **ALAMEDA.** Alter frame and rustic dwelling by raising to build garage under, new tar and gravel roof and put on stucco exterior.
wner—M. Joost, 2172½ Encinal Ave., Alameda.
rchitect—Not Given.
ontractor — Samuel Lee, 1500 Versailles Ave., Alameda. $1900

FFICE BLDG.

05) NO. 950 SIXTY - FIRST ST., **OAKLAND.** One-story concrete office building.
wner—Ralph N. Brodie Co., 61st and Lowell Sts., Oakland.
rchitect — John B. Anthony, 1849 Arch St., Berkeley.
ontractor—S. N. Shapero, 1849 Arch St., Berkeley. $6000

WELLING

06) NO. 860 LEO WAY, **OAKLAND** Two-story 6-room dwelling.
wner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
rchitect—Not Given. $5000

WELLING

07) NO. 471 VASSAR ST., **BERKELEY.** One-story 6-room frame dwelling and garage.
wner—P. H. Hammarberg, 2340 Le Conte Ave., Berkeley.
rchitect—A. Hammarberg, 2340 Le Conte Ave., Berkeley. $1950

WELLING

03) NO. 981 CRESTON STREET, **BERKELEY.** Two-story 7-room frame dwelling.
wner—Reece Clark.
rchitect—W. H. Ratcliff Jr.
ontractor—H. Cederborg, 1455 Excelsior Ave. $10,000

DWELLING

09) 3714 ELSTON AVE., **OAKLAND;** one-story 6-room dwelling.
wner and Contractor—J. W. Scammell, 42 Scenic Ave., Piedmont.
rchitect—Not Given. $5000

ALTERATIONS

(510) 2921 CHAPMAN Street, **OAKLAND;** alterations.
Owner & Contractor—Halstead Products Co., premises.
Architect—Not Given. $1000

DWELLING

(511) 722 KEELER, **BERKELEY;** 1-story 4-room frame dwelling and garage.
Owner—J. R. Vaughn, 2702 Webster St., Berkeley.
Architect—J. H. Platt, 2024 University Ave., Berkeley. $3000

DWELLING

(512) NO. 3300 SIMMONS AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $4300

WAREHOUSE

(513) NO. 5821 E-FOURTEENTH ST. **OAKLAND.** One-story store and warehouse.
Owner—J. Taylor, 5741 E-14th Street, Oakland.
Architect—Not Given. $1000

DWELLING

(514) NO. 249 THE UPLANDS, **BERKELEY.** Two-story 8-room frame dwelling.
Owner—Baldwin Woods, 2811 Forest St., Berkeley.
Architect—W. C. Perry, 260 California St., San Francisco.
Contractor—G. P. W. Jensen & Sons, 1597 Le Roy Ave., Berkeley. $11,000

DWELLING

(514) NO. 3518 MOUNTAIN BLVD., **OAKLAND.** One-story six-room dwelling.
Owner—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4500

WAREHOUSE

(515) NO. 1155 FIFTY-SEVENTH Avenue, **OAKLAND.** One - story warehouse.
Owner — Santa Cruz Fruit Packing Co., 1175 57th Ave., Oakland.
Architect—Not Given. $6900

DWELLING

(516) NO. 1118 HOPKINS STREET, **BERKELEYt** One-story fire-room frame dwelling and garage.
Owner—Erick King, Premises.
Architect—Not Given. $3600

DWELLING

(517) NO. 723 PERALTA STREET, **BERKELEY.** One-story three-room frame dwelling and garage.
Owner—Mrs. Hulda Johnson, Prem.
Architect—Not Given.
Contractor — E. Johnson, 721 Peralta St., Berkeley. $1500

ADDITION

(518) NO. 621 E-TWENTY-SECOND St., **OAKLAND.** Addition.
Owner—Mrs. Albina Freitas, Prem.
Architect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $2500

ALTERATIONS

(519) NO. 5936 CHABOLYN TERrace, **OAKLAND.** Alterations and addition.
Owner—H. G. Koos.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

SAN FRANCISCO UNDER $1000

ALTER dwelling, $365; 75 McAllister St.; owner, C. Valelunga, 3832 Folsom St.; contractor, H. Steiger, 1555 Haight St.

ALTER dwelling, $300; 2267 Turk St.; owner, L. J. Onaldi, Premises.

SIGN, $100; 883 Market St.; owner, Dolores School of Beauty, Prem.; contractor, Laib, 7th and Folsom.

ALTER dwelling, $40; 621 Silliman St. owner, J. P. Sullivan, Prem.

ALTER dwelling, $400; 908 Rhode Island St.; owner, Wm. Lozootin. Premises; contractor, A. [illegible] Morris & Sons, 5400 Fulton St.

FLUES, $50; N Palou St 225 W Ingalls St., owner, Home Constr Co., 3344 24th St.; contractor, New Mission Sheet Metal Works, 3101 Mission St.

ALTER dwelling, $300; 312 Chenery St.; owner, Frank Tait, Premises.

ALTER store, $250; 1307 Castro St; owner, P. Roffo, Premises.

DWELLING, one-story frame, $300, E Ralston St. 300 N Sargent St., owner, Herman Boren, 809 Bryant St.

ALTER loft building, $180; 80 Turk St.; owner, Hibernia Bank, McAllister and Jones Sts.; contractor, Patterson & Koster Iron Wks. Inc., 280 13th St.

SIGN, $45; 1527 Fillmore St.; owner, Safeway Stores, 1000 Brannan St.

ALTER dwelling, $50; 2656 Larkin St.; owner, Helen Davis, Prem.

ALTER flats, $350; 386 Vallejo St.; owner, E. Devincenzi, Premises; contractor, Rome Carpenter Shop, 1659 Powell St.

GREENHOUSE, one-story frame, $900 W Cambridge St. 113 S Woolsey St.; owner, Frank Gemignani, 650 Carbridge St.

ALTER store, $300; SW Mason and Eddy Sts.; owner, Heck Church, Ambassador Hotel; contractor, Royal Show Case Co., 770 McAllister St.

SIGN, electric, $75; 846 Clay Street; owner, Golden Star Radio Co., 846 Clay St.; contractor, American Elec Sign Co., 1740 Eddy St.

ALTER dwelling, $30; 4017 Folsom St.; owner, Joseph Mafraes, Prem.

ALTER restaurant, $125; 606 Front St.; owner, L. Puccinelli, % Contractor; contractor, Rome Carpenter Shop, 1659 Powell St.

ALTER rooming house, $75; 915 Grant Ave.; owner, Suey Chong, premises; contractor, Wong Non, 45 Spofford Alley.

ALTER dwelling, $20; 718 Church St.; owner, John Boelsems, premises.

REPAIR fire damage to dwelling, $450 2221 Washington St.; owner, E. C. Davidson, care contractor; contractor, A. L. Thulin, 63 Brady.

FLUES, $100; E Webster 100 N Bay; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Frank Murphy, 3119 Harrison St.

ALTER flats, $150; 1226 York; owner, Naugier, premises; contractor, California Terrazzo Co., 2085 San Bruno Ave.

ALTER warehouse, $450; 530 Front; owner, L. Milani, 1962 Larkin St.; contractor, S. A. Giusti & Co., 200 Green St.

ALTER dwelling, repair termite damage, $325; 2832 Jackson St.; owner Mrs. B. Coope, premises; contractor, Roberts Co., 1105 Capuchino, Burlingame.

FLUES, $50; E 27th Ave. 50 S Cabrillo; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Frank Murphy, 3119 Harrison St.

ALTER flats, $150; 245 Page St.; owner, Mortensen, premises; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.

ALTER dwelling, $150; 820 Steiner; owner, Mrs. R. Hartter, premises contractor, Henry Erickson, 972 Chenery St.

ALTER dwelling, $25; 35 Highland; owner, Mrs. Hidzick, premises; contractor, A. H. Oblsen, 242 Vienna.

SIGN, electric, $200; 10th and Mission; owner, Union Oil Co., premises; contractor, Wonderlite Neon Products Co., 170 Otis St.

SIGN, electric, $200; 239 Geary St.; owner, J. I. Southwick, premises; contractor, Electrical Prod. Corp., 255 Golden Gate Ave.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

153	Suffel	Walter	107
154	Weimer	Hansen	55
155	Gilmore	Huggard	5675
156	Strother	Powers	105
157	Lazootin	Morris	484
158	Shoemaker	Mulford	150

PAINTING
(153) 271 LOUISBURG ST.; paint exterior of dwelling.
Owner—Jos. E. and Cynthia Suffel, 271 Louisburg St.
Architect—Not Given.
Contractor—Carlo E. Walter.
Filed and Dated, July 20, 1935.
No. Owner Contractor Amt.
HOLC Contract.
TOTAL COST, $107.00
Bond, $107. Sureties, Coast Surety Corp. Limit, 15 days.

REPLACE FRAMING
(154) 638 40th AVE.; replace rotted framing in porch walls, etc., of dwelling.
Owner—Benjamin and Rose Weimer, 638 40th Avenue.
Architect—Not Given.
Contractor—Harry A. Hansen.
Filed, July 20, 1935. Dated. .....
HOLC Contract.
TOTAL COST, $55.00

SERVICE STATION
(155) SAN JOSE AVE AND FARallones. All work for service station.
Owner—Gilmore Oil Co. of Calif., 3rd and 18th Sts., San Francisco.
Architect—Not Given.
Contractor—John W. Huggard, Rialto Bldg., San Francisco.
Filed July 22, '35. Dated June 1, '35.
Underground work, floors, and foundations completed $2270.00
When completed 2553.75
Usual 35 days..... Balance
TOTAL COST, $5675.00
Bond, $5675. Surety, Great American Indemnity Co. Limit, July 10, 1935. Forfeit, plans and specifications, none.

PAINTING, ETC.
(156) NO. 1607 PACHECO ST. Exterior painting, minor roof repairs, etc., to dwelling.
Owner — W. M. and Mary Strother, Premises.
Architect—Not Given.
Contractor—Frank Powers, 4228 23rd St., San Francisco.
Filed July 22, '35. Dated July 12, '35.
HOLC Contract. .....
TOTAL COST, $105
Bond, $105. Surety, Central Surety & Insurance Corp. Limit, forfeit, none Specifications only filed.

ALTERATIONS
(157) NO. 908 RHODE ISLAND ST. All work for miscellaneous alterations to dwelling.
Owner—Wm. S. and Martha Lazootin, Premises.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco.
Filed July 24, '35. Dated April 1, '35.
HOLC Contract .....
TOTAL COST, $484.10
Bond, $484.10 Surety, Central Surety & Insurance Corp. Limit, forfeit, none. Specifications only filed.

PAINTING
(158) NO. 735 THIRTY-FOURTH AV. All work for interior and exterior painting of dwelling, also repair plaster and install concrete retaining wall.
Owner—Harry E. and Anna H. Shoemaker, Premises.
Architect—Not Given.
Contractor—G. N. Mulford, 3900 Geary St., San Francisco.
Filed July 24, '35. Dated July 11, '35.
HOLC Contract .....
TOTAL COST, $150
Bond, limit, forfeit, none. Specifications only filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
51	Willner	Telgland	3707
52	Breuner	Appelbee	13885
53	Casson	Webb	6653
54	Zimmerman	Lyon	6500

ALTERATIONS
(51) NO. 3104 SHATTUCK AVENUE, Berkeley. All work for alterations.
Owner — H. Willner, 3104 Shattuck Avee., Berkeley.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland.
Filed July 18, '35. Dated July 16, '35.
As work progresses..... 33⅓%
30 days after 1st payment.... 33⅓%
Usual 35 days..... 33⅓%
TOTAL COST, $3707
Bond, none. Limit, Sept. 15, 1935. Forfeit, none. Plans and specifications filed.

RESIDENCE
(52) LOTS 141, 144 ,145, UPPER Piedmont Estates. All work for residence.
Owner—Wallace E. Bruener.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Frank G. Appelbee, 2405 Acton St., Berkeley.
Filed July 18, '35. Dated July 17, '35.
Frame completed $3471.25
When plastered 3471.25
Completed and accepted..... 3471.25
Usual 35 days..... 3471.25
TOTAL COST, $13,885.00
Bond, none. Limit, Nov. 20, 1935. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(53) NEAR HAYWARD. All work for alterations to residence.
Owner—J. Casson, 319 Warren St., Hayward.
Architect—Not Given.
Contractor — Webb & Whalin, 2930 22nd Ave., Oakland.
Filed July 23, '35. Dated July 23, '35.
Ready to plaster.....$1663.25
Plaster completed 1663.25
When completed 1663.25
Usual 35 days..... 1663.25
TOTAL COST, $6653.00
Bond, none. Limit, Oct. 20, 1935. Forfeit, none. Plans and specifications filed.

DWELLING
(54) LOT 199 BLK M, Fernside Tct. Oakland. All work for two-story frame dwelling and garage.
Owner—A. P. and Ann Zimmerman.
Architect—Not Given.
Contractor—C. D. Lyon, 6501 Buena Vista Ave., Oakland.
Filed July 24, '35. Dated Mar. 4, '35.
Contract signed .....$ 600
Ready for occupancy..... 400
At time of occupancy owner will assume 1st deed of trust for $4500 at 7% and sign 5 year note for $1000 in favor of Chas. D. Lyon at 7%.....
TOTAL COST, $6500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $100; 401 Santa Clara Ave., Oakland; owner, Alice B. Kork, Prem.; contractor, J. McCaffrey, 1047 62nd St.

ALTERATIONS and addition, $5 2470 Renwick Ave., Oakland; ow er, M. F. Baglini, 4063 Emery S Emeryville.

GARAGE, one-story, $300; 863 3 St., Oakland; owner, G. Jones, 38th St.; contractor, S. W. Jon 5829 Lawton Ave.

ALTERATIONS, $539; 1914 47th A Oakland; owner, J. Clendeni Prem.; contractor, Melrose Bui ers, 1700 47th Ave.

GARAGE, one-story, $280; 5335 T Ave., Oakland; owner, Nora A derson, 1031 Pine St.; contract Morgensen Brothers, 5664 Broa way.

ALTERATIONS and addition, $3 726 34rd Ave., Oakland; own M. J. Tello, 726 23rd Ave.; co tractor, Bay City Cabinet Co., 1 Fifth St.

REPAIRS, $25; 3430 Magnolia S Oakland; owner, Mrs. Sandstro Premises.

SIGN, metal, $100; SE 57th St. a Shattuck Ave., Oakland; own Seaside Oil Co., 700 Ashby Av Berkeley.

REPAIRS, $27; 3330 Davis St., Oa land; owner, Mrs. W. R. She pard, Premises.

ALTERATIONS, $500; 848 46th Stre Oakland; owner, T. Basso, Pre contractor, Joe Benassini, 620 5 Street.

REPAIRS, $40; 1217 Linden St., Oa land; owner, F. H. Dietz, Prem.

ALTERATIONS, $25; 1089 23rd Av Oakland; owner, John Perei 1089 23rd Ave.

STUCCO exterior, $200; 5518 Lawt Ave., Oakland; owner, P. C. Sp Prem.; contractor, A. Cardo 5244 Lawton Ave.

SIGN, electric, $50; 1801 E-14th S Oakland; owner, Harry Moo contractor, Radiant Neon Displ 2561 San Pablo Ave.

ALTERATIONS, $150; 1411 Edith S Berkeley; owner, L. H. Servi Premises; contractor, H. E. Bir 703 Buchanan St., Berkeley.

RE-ROOF, $140; 1230 Pearl St., Al meda; owner, Mrs. M. Sengenbe ger, Prem.; contractor, New A Roofing Co., 1307-11 Fruitvale A Oakland.

SIGN, electric, Neon, $150; 1400 We ster St., Alameda; owner, "Croll Prem.; contractor, Elec. Proc Corp., 950 30th St., Oakland.

EXTEND and alter corrugated ir building, $150; 1545 Webster S Alameda; owner, Mrs. W. Bunker, 578 Excelsior Ave., Oa land.

RE-ROOF, $100; 878 Walnut St., Al meda; owner, E. C. Frederic Prem.; contractor, Elliott & F liott, 1423-1429 66th Ave., Oaklar

ALTER store front and install shelv $250; 1623 Park St., Alamed owner, Charles Fossing, Premise contractor, M. Ghiselli, 1312 Fou tain St., Alameda.

SIGN, electric, Neon, $200; 2312 Ce tral Ave., Alameda; owner, Ge W. Murphy, Prem.; contract Elec. Prods. Corp., 950 30th S Oakland.

ADDITION to private garage, $1 1247 Versailles Ave., Alamed owner, Fred Perryman, Prem.

ALTERATIONS, $100; SE 63rd Av and Foothill Blvd., Oakland; ow er, Chas. Maskell, 14210 E-14 St., San Leandro.

RE-ROOFING, $117; 1448 13th Av Oakland; owner, Harry Malkl Prem.; contractor, J. W. Bowe 769 17th St.

ALTERATIONS, $30; 1321 Broadwa Oakland; owner, John Leighto Premises; contractor, W. H. A derson, 1014 Doris Court, Alame

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

3— CHURCHES

Bids Rejected.
ADDITION Cost, $2000
COLUSA, Colusa Co., Calif.
Addition to Sunday School at Saint Stephens Episcopal Church, (add 1 large room and kitchen) frame construction.
Owner — Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Bids ran high and will probably be readvertised.

4 — FACTORIES & WAREHOUSES

Contract Awarded.
BAKERY, ETC. Cost, $9,000
SAN JOSE, Santa Clara Co. ,Calif. Julian and 17th Streets.
One - story combination retail manufacturing bakery, store room and living quarters.
Owner—Alfred Bellardi, 330 N. 21st St., San Jose.
Architect—Not Given.
Contractor—S. De Cola, 511 E. Empire St., San Jose.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. Second and Brannan Streets.
Alterations to warehouse.
Owner—The Felton Co., Premises.
Architect—Albert F. Roller, First National Bank Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—J. J. Irwin, 1040 Oak St., San Francisco.

Sub-Contracts Awarded.
DISTILLERY Cost, $22,000
SELMA, Fresno Co., Cal. Hunstman Ave., near Bethel.
New brandy distillery.
Owner—John McClure, Inc.
Architect—Morgan, Walls & Clements, 210 W. Seventh St., Los Angeles.
Contractor — Trewhitt - Shields Co., Pacific Southwest Bldg., Fresno.
Plumbing—Barrett Hicks Co., Fresno
Concrete—J. Volanti, Fresno.
Reinforcing Steel and Miscellaneous Iron—Kyle & Co., Fresno.
Sheet Metal — Barrett Hicks Co., Fresno.

BIDS WANTED
SAN FRANCISCO.—Until July 30, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for constructing one frame warehouse at the Presidio of San Francisco.
Plans and specifications may be obtained from above office upon deposit of $5.00.

To Be Done By Day's Work.
WAREHOUSE Cost, $7,000
OAKLAND, Alameda Co., Calif. 1155-1157 57th Avenue.
One-story warehouse.
Owner—Santa Cruz Fruit Packing Co. 1175 57th Ave., Oakland
Plans by Owners.

Seek Funds.
EXTENSION Cost, $60,000
STOCKTON, San Joaquin Co., Cal.
Extension to cotton warehouse (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner.
Application has been filed with the PWA for funds in the amount of $55,000 to finance proposed work.

5— FLATS

Sub-Contracts Awarded.
FLATS Cost $8,000
STOCKTON, San Joaquin Co., Calif. 411 E. Flora Street.
Two-story frame and stucco flats.
Owner—H. W. Bennett.
Architect—Not Given.
Contractor—T. E. Williams, P. O. Box 93, Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter St., Stockton.
Plumbing—A. D. Ray, 735 E Lafayette St., Stockton.
Electric Fixtures—Home Wiring Co., 522 E Washington St., Stockton.
Furnace—Fraser Furnace, 445 S. San Joaquin St., Stockton.
Sheet Metal—A.D. Ray, 735 E. Lafayette St., Stockton.
Concrete—Yolland & Co., 248 E. Miner St., Stockton.
Reinforcing Steel—Kyle & Co., West's Lane, Stockton.
Lumber—San Joaquin Lbr. Co., Scotts Ave. and Madison, Stockton.
Painting—Herman Walters, 1232 N. Ophir, Stockton.
Wall Beds—W. Zerwick, 517 E. Channel St., Stockton.

Plans Being Figured.
ALTERATIONS Cost, $1500
SAN FRANCISCO. Oak and Laguna Streets.
Alter front of three-story frame flat building (stucco exterior, etc.)
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

6—GARAGES & SERVICE STATIONS

Plans Being Figured—Bids Close July 29, 4 P. M.
AUTO SALES BLDG. Cost, $6000
CENTERVILLE, Alameda Co., Cal.
One-story auto sales building and garage (wood frame construction).
Owner—Frank McGruga.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Bids are being taken from a selected list of contractors only.

Structural Steel Contract Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. SW Sutter and Larkin Streets.
Alterations to garage.
Owner — James K. O'Brien, Smartsville, Calif.
Engineer—Norman G. Green, Sharon Bldg., San Francisco.
Contractor—Dinwiddie Const. Co., 210 Crocker Bldg., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $6,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Super-service station (3 pumps) steel construction.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor — Fred J. Early, Jr., 369 Pine St., San Francisco.

Contract Awarded.
SERVICE STATION, ETC. $15,000
CARMEL, Monterey Co., Cal. NW Seventh and San Carlos Sts.
New automobile agency building and service station.
Owner—Fred Leidig.
Lessee—Berthold Motor Co. and Gilmore Oil Company.
Plans by Engineering Dept. of Lessee.
Contractor — John Huggard, Rialto Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $2500
SAN FRANCISCO. SW Twenty-third Ave. and Taraval St.
Steel service station.
Owner—Lewis M. Norton.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Sub-Contracts Awarded.
SERVICE STATION Cost, $7000
OAKLAND, Alameda Co., Cal. Foothill Blvd. and Fruitvale Ave.
Steel service station (stucco exterior).
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor — Willis Lynn, 1037 Ashmount St., Oakland.
Plumbing—Max Finzel, 2025 Hopkins St., Oakland.
Electric Wiring—White Electric Co., 2305 Shattuck Ave., Berkeley.
Concrete—John Devota, 5268 Lawton St., Oakland.
Lumber—Hogan Lumber Co., Second and Alice Sts., Oakland.

Construction To Start Shortly.
SERVICE STATION Cost, $——
PASO ROBLES, San Luis Obispo Co., Cal. 13th and Spring Streets.
Super service station.
Owner—Union Oil Co. (G. G. Watson in charge) Union Oil Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. NW 24th Avenue and Geary Street.
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. NW Pine Street and Van Ness Avenue.
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $7,000
SAN FRANCISCO. NE Sloat Blvd

and Great Highway.
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

Low Bidders
POST OFFICE Cost, $63,200
SOUTH PASADENA, Los Angeles Co.
One-story U. S. post office building.
Owner—United States Government.
Plans by the Supervising Architect Treasury Dept., Washington, D.C.
Low Bidder—Sarver & Zoss, 1015 W 4th St., Los Angeles.
Three low bids follow:
Sarver & Zoss, Los Angeles $55,000
G. F. Campbell Bldg. Co. and Chas. E. Kelly, Los Angeles 55,680
Wm. P. Neil Co., Los Angeles.. 56,750

PLANNED
POINT ARGUELLO, Santa Barbarba Co., Calif. — U. S. Lighthouse Service has purchased property on Point Arguello, Santa Barbara County, where a lighthouse station and a lookout will be built.

BUILDING MATERIALS APPROVED
PHOENIX, Arizona—Treasury Department approved the following building materials and equipment for the construction of the U. S. Post Office at Phoenix, Arizona. Great Lakes Construction Co., 333 N. Michigan Ave., Chicago, Ill., general contractors:
Plumbing fixtures, Standard Sanitary Mfg. Co.; brass water pipe, Bridgeport Brass Co.; pressure reducing valves, Foster Engr. Co.; sewage ejectors, Yoeman Bros. Co.; air compressors, Quincy Compressor Co.; motors for compressors, Howell Co.; lawn sprinklers, Thompson Mfg. Co.; post office refrigerator, York Ice Machinery Corp.; nonconducting covering for plumbing, Philip Carey Co.; oil heaters, Bell & Gossett Co.; tube radiators, U. S. Radiator Corp.; wall radiators, U. S. Radiator Corp.; angle radiator valves and corner radiator valves, Milwaukee Valve Co.; thermostatic traps, Milwaukee Valve Co.; nonconducting covering for heating, Philip Carey Co.; vacuum pumps and motors, Economy Pumping Machinery Co., with Harnishfeger motors; air conditioning equipment, York Ice Machinery Corp., motors for air conditioning refrigeration, Harnishferger; well pump, Peerless Pump Co.; motor for well pump, U. S. Elec. Mfg. Co.; motors for fans, Harnishfeger Co.; automatic temperature control, Johnson Service Co.; nonconducting covering for air conditioning equipment, Armstrong Cork Co.; lighting distribution panels and power sub-feeder panels, Benjamin Elec. Mfg. Co.; main switchboard, Benjamin Electric Mfg. Co.; disconnect switches, Bulldog Electric Products Co.; circuit breakers, Roller-Smith Co.; r.c. wire, American Steel & Wire Co.; flush switches, Arrow-Hart & Hegeman Elec. Co.; flush receptacles, Arrow-Hart & Hageman; relief valve, Mueller Co.

Plans Completed.
POST OFFICE Cost. $50,600
MADERA, Madera Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BUILDING MATERIALS APPROVED
COMPTON, Los Angeles Co., Cal.—Treasury Department approved the following building materials and equipment bids for the construction of the U. S. Post Office at Compton. Robert E. McKee, Los Angeles, General Contractor.
Combination gas and burner, Enterprise Burner Co. and R. C. wire to General Electric Co.

Bid Opening Date Postponed Until August 5, 1 P. M.
POST OFFICE Cost, $178,415
ALHAMBRA, Los Angeles Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. No deposit required for one set of plans and specifications.

BIDS WANTED
SAN DIEGO, Cal.—Until August 1, 11 A. M., bids will be received by Public Works Officer, 11th Naval District, San Diego, for recabling elevators and improvements to Blower exhaust at the Naval Hospital, San Diego; Spec. No. 8034. Work includes removal of present hoisting cables and furnishing and placing new hoisting cables for each of the three existing passenger elevators, 1 each in buildings Nos. 5, 9 and 15; and removal of an existing exhaust duct from laundry machine in building No. 11 and furnishing and installing new exhaust duct; making connections to present exhaust from the laundry machine. Bidding data may be obtained from above office upon deposit of $10.00.

Structural Steel Contract Awarded.
TRANSMITTING STA. Cost, $5,000
STOCKTON, San Joaquin Co., Calif.
Manteca Highway.
One - story steel frame and stucco transmitting station (20x30-ft.)
Owner—E. F. Peffer, 10 S. California St., Stockton.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Contractor—Wm. E. Wheeler, 244 E Pine St., Stockton.
Structural Steel—Kyle & Co., West's Lane, Stockton.
As previously reported, steel tower awarded to Blair Knox, Stockton; radio equipment to Graybar Electric Co. 9th and Howard Sts., San Francisco.

BIDS WANTED
SAN FRANCISCO.—Until July 26, 10 A. M., bids will be received by the Constructing Quartermaster, Ft Mason, for installation of asphalt tile floors in Ninth Corps Area Headquarters Bldg. No. 220 at the Presidio of San Francisco.
Plans and specifications may be obtained from above office upon deposit of $5.00.

BIDS WANTED
SAN FRANCISCO.—Until August 7, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public W'ks Branch, Washington, D. C., for painting the plaster, etc., in the single attendants' quarters and mess hall at the U. S Quarantine Station, San Francisco.
Specifications may be obtained from the above office or from the custodian of the building.

Bids Wanted—To Close Aug. 30.
POST OFFICE Cost, $83,600
SALINAS, Monterey Co., Calif.
United States post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
One set of plans and specifications will be furnished free.

SUB-BIDS WANTED
SAN FRANCISCO.—S. O. Sprager, representing the R. E. Campbell Co., 108 W 6th St., Los Angeles, will be at the Whitcomb Hotel, San Francisco, July 22 (today) and desires sub-bids on all portions of the work f construction of the U. S. Mint in S. Francisco.

LOW BIDDERS
DENVER, Colo.—Herring Hall Marvin, 215 California St., San Francis at $10,600 submitted low bid to Treasury Dept., Washington, D. C., for e tending and remodeling steel va entrances of the U. S. Mint at Dr ver. Second low bid was submitti by the Mosler Safe Co., Hamilton, at $13,680.
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO.—N. Hemming 627 38th Ave., at $1,050 submitted t low bid to Custodian, U. S. Post C fice, for extending partition in Roo 254, P. O. Bldg., 7th and Mission St San Francisco.
Comlete bids follow:
N. Hemminga ....$1,(
Thomas M. Jones.... 1,(
L. & E. Emanuel.... 1,2
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO.—Thos. M. Jor 643 29th Ave., at $323 submitted l bid to Custodian, U. S. Post Offi San Francisco, for raising two judg platforms in the Post Office Bldg., 7 and Mission Sts.
Complete bids follow:
Thomas M. Jones ....$:
N. Hemminga ....
R. S. Silverberg....
Bids held under advisement.

Plans Completed.
POST OFFICE Cost, $89,0
HAYWARD, Alameda Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BUILDING MATERIALS APPROVE
SEBASTOPOL, Sonoma Co., Cal. Treasury Department approved t following building materials for t construction of the U. S. Post Offi at Sebastopol. Robert McCarthy, 13 14th Ave., San Francisco, general co tractor:
Plumbing fixtures, Kohler Co.; ele tric water coolers and drinking fou tain, Halsey W. Taylor; pressure r ducing valve on water supply, Ch M. Bailey; tube radiators, U. S. Rad ator Corp.; angle radiator valv Marsh Valve Co.; air valves for en of steam mains, Dole Air Valve C oil burning equipment, Ray Oil Burn Co.; gas water heater, Pittsbur Water Heater Co.; lighting distrib tion panel, Meyer Safety Switch C r. c. wire, Triangle Conduit & Cal Co.; receptacles and flush switch Arrow-Hart & Hegeman Electric C lighting fixtures, Mutual Metal M Co.

July 24, 193
BUILDING MATERIALS APPROV
HONOLULU, T. H.—Treasury D partment has approved the followi materials and equipemnt awards t the construction of the quaranti station at Honolulu. Hawaiian Co tracting Co., Honolulu, general co tractors:
Plumbing fixtures, Standard San tary Mfg. Co.; brass pipe, Americ Brass Co.; non - conducting coveri for steam pipes and boiler, John Manville Co.; lighting distributi panel, Westinghouse Elec. & Mfg. C r.c. wire, Simplex Wire & Cable C flush switches, Arrow-Hart & Heg man Elec. Co.; glass ware, Gill Gl & Fixture Co.

Bid Opening Date Postponed Until August 14, 1 P. M.
POST OFFICE Cost, $150,

tANTS PASS, Oregon.
vner—United States Government.
ans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obined from above office. No deposit quired for one set and additional ts may be procured at a cost of $5.

d Opening Date Postponed Until August 20, 1 P. M.
ST OFFICE . Cost, $55,000
DI, San Joaquin Co., Calif.
S. Post Office Building.
vner—United States Government.
ans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obined from above office. No deposit quired for one set and additional ts may be procured at a cost of $5.

DS OPENED
SAN FRANCISCO—Royal Floor & noleum Co., 475 Sutter St., at $889 bmitted low bid to Custodian, San ancisco Post Office, for furnishing d laying linoleum in the Post Office, and Mission Sts. Complete bids low:
yal Floor & Linoleum Co. $ 889.00
N. & E. Walter 1040
n Fleet Freear Co..... 1136
Bids held under advisement.

DS OPENED
SAN FRANCISCO — Scott Co., 243 nna St., at $977 submitted only bid Custodian, San Francisco Post Office, for heating pipes in the main st office work room, 7th and Mission reets.
Bids held under advisement.

— CLUB BUILDINGS

eliminary Plans Completed.
LUB HOUSE, ETC. Cost, $15,000
CRAMENTO, Sacramento Co., Cal.
McKinley Park.
nstruct new swimming pool and club house at McKinley Park.
vner—City of Sacramento.
chitect — Harry Devine, California State Life Bldg., and Starks & Flanders, Bank of America Bldg., Sacramento.
Working drawings will be started mediately.

— HOSPITALS

eparing Preliminary Plans.
OSPITAL Cost, $200,000
NTA ROSA, Sonoma Co., Calif.
el frame hospital building (200-bed capacity).
vner—County of Sonoma.
gineer—Ed. A. Peugh (County Engineer) Courthouse, Santa Rosa.
Application has been filed with the WA for funds in the amount of 50,000 to finance the project.

ork Postponed Indefinitely.
DDITION Cost, $5000
N FRANCISCO. Sixth Avenue and Geary Street.
ne-story reinforced concrete & brick veneer addition to hospital (addition to operating room, storage room, locker room, sink room and utility room, etc.)
wner—French Hospital, Premises.
rchitect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

o Ask Bids Shortly.
AKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.
ne-story frame and stucco auditorium (to seat 300).
wner—West Oakland Home.
rchitect—W. G. Corlett, Bank of America Bldg., Oakland.

BIDS WANTED
BAKERSFIELD, Kern Co., Cal.—Until August 5, 11:00 A. M., bids will be received by the Kern County Supervisors for the construction of an isolation ward at Kern general hospital. Chas. H. Biggar, Haberfelde Bldg., Bakersfield, architect.

FUNDS ASKED
SAN FRANCISCO — Quartermaster General has filed application for allotment of $127,900 from work-relief funds to construct officers' ward building and post exchange at Letterman General Hospital, Presidio of San Francisco.

Bids Wanted—To Close Aug. 5, 11:00 A. M.
WARD Cost, $——
BAKERSFIELD, Kern Co., Cal.
County General Hospital.
Men's ward addition to Kern General Hospital.
Owner—County of Kern.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from the architect and at the office of F. E. Smith, County Clerk, Courthouse, Bakersfield.

BIDS WANTED
BAKERSFIELD, Kern Co., Calif.—Until August 5, 11 A. M., bids will be received by the Kern county supervisors for the addition of a men's ward building (east wing) to Kern general hospital in Bakersfield. Plans and specifications may be obtained from Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield. Cash or certified check for 10% must accompany each bid. F. E. Smith, county clerk.

CONSTRUCTION TO START SHORTLY.
SAWTELLE, Los Angeles Co., Cal.—Veterans' Administration will start work next week, by force account, converting the tuberculosis annex at the Veterans' Administration Facility Sawtelle, into a neuro-psychiatric hospital. Work will be done under the supervision of Capt. Edwin Newcomb, who has an office on the grounds, and materials will be purchased by the procurement section of the facility. Bed capacity of the unit will be increased from 287 to 470 by converting rooms into wards and by utilizing open porches. The work will involve grilling all window openings, changing partitions and altering the heating, plumbing and electrical systems. Appropriation for the project is $200,000.

Bid Opening Date Postponed Until August 2, 2 P. M.
INFIRMARY Cost, $——
SEATTLE, Washington. Campus of the University of Washington.
Four - story fireproof infirmary (two wards of 13 beds and ten 2-bed rooms, diet kitchens, ultra violet treatment laboratories, surgeries, offices, library, etc.)
Owner—State of Washington.
Architect—A. H. Albertson, Joseph Wilson and Paul Richardson, Associates, Northern Life Tower, Seattle.
Plans and specifications may be obtained from the architects upon deposit of $25. Bids will be opened by the Regents of the University, Henry Bldg., Seattle.

BIDS WANTED
JACKSON, Amador Co., Cal.—Until August 5, 1:30 P. M., bids will be received by Leotta M. Huberty, Clerk, Amador County Board of Supervisors, for supplying and laying linoleum in all rooms and hallway on the lower floor of the County Hospital at Jackson. Specifications call for -inch Armstrong's or equal Battleship linoleum to be cemented in approved manner, over 1-lb. felt on all floors. Samples to be submitted to Board of Supervisors.

Contract Awarded
ALTERATIONS Cost, $10,000
SAN FRANCISCO, 145 Guerrero St.
Alterations to hospital.
Owner—Mary's Help Hospital.
Architect—E. A. Eames, 353 Sacramento Street.
Contractor—Barrett & Hilp, 918 Harrison Street.

11—ICE AND COLD STORAGE PLANTS

Millwork Contract Awarded.
PRECOOLING PLANT Cost, $250,000
PLACERVILLE, Eldorado Co., Cal.
Pre-cooling station and ice storage plant, reinforced concrete and timber construction).
Owner—Placerville Fruit Growers' Association, Placerville.
Architect—Masten, Hurd & Rothe, 233 Post St., San Francisco.
Paul Scherrer, mechanical engineer, 233 Post St., San Francisco, is acting as manager of construction.
Mill Work—Davis Hardwood Co., Day and Mason Sts., San Francisco.
Other awards previously reported.

12— POWER PLANTS

SEEKS CANCELLATION OF BID
FRESNO, Cal.—M. J. Reeves, 959 Natoma St., San Francisco, who submitted low bid of $42,000 on mechanical work for the Civic Auditorium to be erected in Fresno has asked PWA authorities for permission to withdarw his bid due to an error in figuring.

CONTRACT AWARDED
BURBANK, Los Angeles Co., Cal.—Pacific Electrical & Mechanical Co., 524 Loew's State Bldg., Los Angeles, awarded contract for installation of a generator, power house equipment, switchboards, transformers, etc., in buildings under construction at Warner Brothers-First National Studios in Burbank. Cost of the equipment will total over $100,000. The buildings are being erected by the owner's construction department.

BIDS OPENED
SAN FRANCISCO.—J. E. O'Mara, 2720 McAllister St., at $218, submitted low bid to the Department of Public Works, for removing 64 3-in. diameter tubes in boiler at the Edward Robeson Taylor School, Burrows and Somerset Sts. Works involves replacing with new tubes, thoroughly cleaning boiler and removing all debris.
Complete bids follow:
J. E. O'Mara $218.00
Alternate..... 160.00
California Steel Prod. Co..... 219.00
Ocean Shore Iron Works..... 265.00
Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned.
ADDITION Cost, $22,500
SANTA ROSA, Sonoma Co., Cal.
Addition to library.
Owner—Santa Rosa Free Public Library.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Trustees of Santa Rosa Free Public Library are planning to file an application with the PWA for funds to finance the work.

TO SEEK FEDERAL AID

COALINGA, Fresno Co., Cal.—City of Coalinga is considering filing an application with the WPA for funds to finance construction of a new firehouse and quarters for firemen in Coalinga.

Contracts Awarded.

AUDITORIUM Cont. Price, $272,615
FRESNO, Fresno Co., Calif. Fresno and O Streets.
One-story, basement, mezzanine floor and balcony auditorium (to seat 2300 on main floor and 1200 in the balcony; 56-ft. stage, art gallery, committee rooms, kitchen and banquet room, central telephone system; Class A construction, steel frame, concrete walls, steel roof trusses, hot air and steam heating system, and elevators).
Owner—City of Fresno.
Architects—Allied Architects (W. D. Coates, C. H. Franklin, H. Rafael Lake, E. J. Kump, Fred Swartz, and E. W. Peterson, 304 Rowell Bldg., Fresno).
Structural Engineers—F. W. Kellberg and Clarkson Swain, 544 Market St., San Francisco.
Mechanical Engineer—A. Coddington, 222 Kearny St., San Francisco.
Contractor—W. J. Ochs & Trewhitt Shields Co., Pacific Southwest Bldg., Fresno.
Electrical Work—Electric Constr. Co., P. O. Box 638, Fresno, $51,954.
Mechanical Work—M. J. Reeves Heating Co., 959 Natoma St., San Francisco, $42,451.
Stage Equipment, Curtains & Drapes General Seating Co., 160 Second St., San Francisco, $9878.33.
Seating — American Seating Co., 521 Mission St., San Francisco, $6760 (1000 opera chairs) and Slater Furniture Co., Fresno, $7520 (2000 portable chairs).
(2990) 1st report Nov. 4, 1934; 18th July 24, 1935. * 13

Mill Contract Awarded.

ARMORY Cost, $40,000
LODI, San Joaquin Co., Cal. Washington Street.
One-story armory (adobe brick walls and partitions, tile roof, wood floors, etc.), auditorium to be 75x150 feet.
Owner—City of Lodi.
Architect — Jos. Losekann, 1218 West Harding St., Stockton.
Mill Work—Lodi Lumber Co., Lodi. $1842.22.
Other awards previously reported.

BIDS WANTED

SAN FRANCISCO.—Until July 31, 1:45 P. M., informal bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, for tearing up approximately 800 square feet of cork tile and relaying new cork tile in its place at the Public Library, McAllister and Larkin Streets. Further information available from the Bureau of Architecture, Room 265, City Hall.

14— RESIDENCES

Construction To Start Immediately.

RESIDENCE Cost, —
VALLEJO, Solano Co., Calif. Bella Vista Way.
One-story and basement frame residence (Monterey - Colonial type) heavy shake roof, central heating system, hardwood floors, tile baths, etc.
Owner and Builders—C. F. Hatch and I. H. Reimers, 831 Sonoma Way, Vallejo.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded

RESIDENCE Cost, $—
RICHMOND, Contra Costa Co., Cal. N Burbeck bet. 21st and 22nd Sts.
One-story frame and stucco residence.
Owner—Jos. Muren, San Pablo Ave., Richmond.
Plans by owner.
Contractor—D. A. Dodge, 608 8th St., Richmond.

To Be Done By Day's Work.

RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3548 Mountain Blvd.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—O. W. Johnson, 4237 Atlas Ave., Oakland.
Plans by Owner.

To Be Done By Day's Work.

RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. 1418 Hopkins Street.
One-story frame and stucco residence five rooms).
Owner and Builder—Erick King, 1418 Hopkins St., Berkeley.
Architect—Not Given.

Bid Opening Date Postponed Until July 27, 12 Noon.

RESIDENCE Cost, $—
MERCED, Merced Co., Cal.
Two - story all - wood residence (Colonial type) 10 rooms and 3 baths; shake roof, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Kent & Hass, 525 Market St., San Francisco.
Following will submit bids:
Jensen & Pedersen, 3443 Adeline St., Oakland.
Peter Sartorio, 666 Mission St., San Francisco.
Cross Lumber Co., Merced.
Cameron & Son, Merced.
M. B. Folsom, Merced.
Fisher & McNulty, Fresno.
A. C. Allen, Merced.
Taylor-Wheeler Co., Fresno.

Contract Awarded

RESIDENCE Cost, $7,000
SAN FRANCISCO. W Maywood Dr., 372 S. Yerba Buena Ave.
One - story and basement frame and stucco residence.
Owner—Sherwood Bldg. Co., 30 Sutter Street.
Architect—Not Given.
Contractor—Frank F. Nelson, Inc., 2 Edgehill Way.

Bids In—Held Under Advisement.

RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame, stucco and brick residence (English Style) shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Val Bellantine.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Announcement will be made within a few days.

Contract Awarded

ALTERATIONS Cost, $6,653
HAYWARD, Alameda Co., Calif.
Alterations and additions to residence
Owner—J. Casson, 319 Warren Street, Hayward.
Architect—Not Given.
Contractor—Webb and Whalin, 2930 22nd Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Calif. NE Alvarado and Coronado St Campus of Stanford Universi
Two-story frame and stucco resided
Owner—Prof. David Harris, 434 C umbia St., Palo Alto.
Architect—Chas. K. Sumner, Deck oak Bldg., Palo Alto.
Contractor—Ralph Knight, 595 Bai Ave., Mt. View.

Bids Rejected.

RESIDENCE Cost, $5,
OAKLAND, Alameda Co., Cal. Oc View Avenue.
Two-story frame and stucco reside (6 rooms, 2 baths) shake roof, hot air heating system, etc.
Owner—J. E. Brown.
Architect—Chester H. Treichel, Cleveland Ave., Oakland.
Plans will be revised and new b asked shortly.

Plans Being Prepared.

RESIDENCE Cost, $10,
BURLINGAME, San Mateo Co., Burlingame Hills, Los Robles
Two-story frame and stucco reside
Owner—Mr. Spellacey.
Plans by Hugh Kirk, Millbrae Hi lands.

Contract Awarded.

RESIDENCE Cost, $12,
SAN FRANCISCO. Clarendon Helg
Two-story and basement frame stucco residence (8 rooms and baths) terra cotta tile roof, heating system, hardwood floo tile baths, wood sash, etc.
Owner—H. G. Makelin.
Architect — Walter Falch, Hea Bldg., San Francisco.
Contractor — Ed. Zinkand, 667 3 Ave., San Francisco.

Contract Awarded.

RESIDENCE Cost, $-
PIEDMONT, Alameda Co., Calif.
Two - story frame residence (California-Colonial style) 12 rooms 4 baths; cedar shingle roof, hot air heating system, hardwo floors, tile baths, wood sash,
Owner—Wallace E. Breuner.
Architect—W. W. Wurster, 260 C fornia St., San Francisco.
Contractor — Frank G. Appelbe, Acton St., Berkeley.

Plans Being Figured—To Close J 30, 5:30 P. M.

RESIDENCE Cost, $-
ROSS, Marin Co., Cal.
One-story frame residence (6 roo 3 baths) shingle wood roof alternate proposal for copper hot air oil burning heating system; hardwood floors, tile ba redwood exterior, etc.
Owner—George J. Seebe.
Architect—W. W. Wurster, 260 C fornia St., San Francisco.
Bids are being received from selected list of contractors only.

Bids Opened.

ADDITION Cost, $
PALO ALTO, Santa Clara Co., C Campus of Stanford Universit
Addition to Fraternity House.
Owner—Theta Chi.
Architect — W. G. Corlett, Bank America Bldg., Oakland.
Low Bidder—F. C. Stolte, 3449 Lag Ave., Oakland.
Complete bids follow:

F. C. Stolte, Oakland	$22 5
W. P. Goodenough, Palo Alto	26 0
George Maurer, Oakland	27 0
S. G. Johnson, Oakland	27 8
Chas. Stockholm & Sons, San Francisco	27 2
W. G. Thornally, Oakland	28 0
Moore & Roberts, S. F.	28 0
Bertelsen & Moore, Oakland	29 8

Bids held under advisement.

ntract Awarded.
,TERATIONS Cost, $2,500
/AMEDA, Alameda Co., Calif. 1118 Walnut Street.
erations to frame and rustic residence (new roofing, stucco exterior, etc.)
ner—M. Joost, 2172½ Encinal Ave. Alameda.
ntractor—Samuel Lee, 1500 Versailles Ave., Alameda.

ntract Awarded.
EST HOUSE Cost, $3,750
OCKTON, San Joaquin Co., Cal. 6 miles out of Stockton; Cherokee Lane.
e-story frame and shingle guest house (4 rooms, 4 baths).
vner—A. T. Hatch.
chitect—J. U. Clowdsley, Exchange Bldg., Stockton.
ntractor—H. H. Henning, 1751 Berkeley Ave., Stockton.

ntract Awarded.
ESIDENCE Cost, $6,000
ODESTO, Stanislaus Co., Calif.
e-story and basement frame and stucco residence (six rooms) tile roof, steel sash, gas hot air heating system, hardwood floors, etc.
vner—Mr. Mellis.
chitect—G. N. Hilburn, 1213 I St., Modesto.
ntractor—Ira Cotner, Route 4, Box 1209, Modesto.

ntract Awarded.
ESIDENCE Cont. Price, $13,600
NTA ROSA, Sonoma County, Cal. Rincon Heights Subdivision.
wo-story frame and stucco residence (10 rooms and 4 baths) Mediterranean type; tile roof, wrought iron rails and balusters, etc.
vner — Mr. nad Mrs. Tom Proctor, Santa Rosa.
chitect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
ntractor—E. Ahlstrom, 411 Short Seventh St., Santa Rosa.
Complete bids follow:

Ahlstrom	$13,600
s. Chirhart	14,211
Halvorsen	14,700
m. Rapp	15,700

o Be Done By Day's Work.
ESIDENCE Cost, $5000
N FRANCISCO. Burrows St. 56 S Brussels St.
ne-story and basement frame and stucco residence.
vner and Builder—Joe Blum, 212 Silliman St., San Francisco.
chitect—Not Given.

o Be Done By Day's Work.
ESIDENCE Cost, $4500
N FRANCISCO. E Thirty-second Ave. 300 S Lawton St.
ne-story and basement frame and stucco residence.
vner and Builder—Laurence Costello, 382 27th Ave., San Francisco
chitect—Not Given.

dditional Sub-Contracts Awarded.
ESIDENCE Cost, $——
THERTON, San Mateo Co., Calif.
wo-story and basement brick veneer residence (9 rooms and 4 baths); shake roof, gas furnace, wood sash, hardwood floors, tile baths.
vner—Arthur Kates.
chitect—Gardner Dailey 210 Post St., San Francisco.
ontractor — R. S. Silverberg, 405 Montgomery St., San Francisco.
lastering—Wm. Makin, 2141 Livingston St., Oakland.
ill Work — National Mill & Lumber Co., 400 High St., Oakland.
hake Roof—W. L. Ridout, 6842 Pacific Ave., Alameda.
heet Metal — Gaffigan Sheet Metal Works, 719 E St., San Mateo.
Stairs—J. Di Cristini, 3150 18th St., San Francisco.
Other awards reported June 20.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO, E Seventeenth Ave 125 S Vicente St.
One-story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal. No. 1741 4th Avenue.
One-story frame and stucco residence Sacramento.
Architect—Not Given.
Contractor—C. S. Mabrey, 2123 36th St., Sacramento.

RESIDENCE Cost, $5090
REDWOOD CITY, San Mateo Co., Cal. No. 239 Iris Street.
One-story frame and stucco residence (5 rooms).
Owner—Mrs. E. E. Thompson.
Architect—Not Given.
Contractor—E. G. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Construction To Start Shortly.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Parnassus Road.
Two-story frame and stucco residence (6 rooms and 2 baths) flat deck roof, shake roof on portion, oil burning heating system, hardwood floors, tile roof, etc (General Electric Model Home).
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—John Dinwiddie, 360 Pine St., San Francisco.
Sub-bids are in and will be awarded shortly.

Sub-Contracts Awarded.
RESIDENCE Cost, $20,946
CARMEL, Monterey Co., Cal. James Meadows Tract.
One-story frame and stone residence.
Owner—Allen Griffin, 460 Colton St., Monterey.
Architect — Reginald Johnson, Architects Bldg., Los Angeles.
Contractor—Harold C. Geyer, 980 Hellam St., Monterey.
Plumbing & Sheet Metal—Ed. Simpson, Pacific Grove.
Electric Wiring—Tice Electric Shop, Monterey.
Tile Work—C. L. Frost, Monterey.
Wood Sash—Work Lumber Co., Monterey.
Glass—Work Lumber Co., Monterey.
Hardwood Floors — J. W. Shaney, Pacific Grove.
Water Heater — Tice Electric Shop, Monterey.
Lumber—Tynan Lumber Co., Monterey.
Painting—C. W. Allaire, Monterey.
Lathing and Plastering—A. B. Jacobsen, Pacific Grove.
Finish Material—Work Lumber Co., Monterey.
Grading—Frank de Amaral, Carmel Highlands.
Brick and Stone Work—A. Marotta, Monterey.
Linoleum—Rudolph's Furniture Store, Monterey.
(7317) 1s report July 2, 1935. 14

July 22, 1935

Plans Being Revised.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths) French style; shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—W. H. Farlow, 117[illegible] 18th Ave., San Francisco.
New bids will be asked shortly.
(7094) 1st report June 6; 2nd [illegible] 15, 1935. 14

July 22, 1935

Postponed Indefinitely.
RESIDENCE Cost, $5500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame and stucco residence (6 rooms and 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.

Construction To Start Shortly.
RESIDENCE Cost, $——
NEAR WALNUT CREEK, Contra Costa Co., Cal. San Ramon Valley.
Modern California Ranch type residence (5 rooms) frame construction, whitewashed brick, etc.
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given.
Sub-bds are in and will be awarded shortly.

Contract Awarded.
ADDITION Cont. Price, $22,635
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Addition to Fraternity House.
Owner—Theta Chi.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.
Complete bids published July 19.

Low Bidder.
RESIDENCE Cost, $14,000
SAN FRANCISCO. Green St. near Calhoun Street.
Two-story and basement frame and stucco residence.
Owner—Dr. Hans Klussman.
Architect—L. Schalk, 526 Powell St., San Francisco.
Low Bidder—Frank C. Appelbe, 1067 Walker St., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal. No. 191 Sandringham Road.
Two-story and basement frame and stucco residence (9 rooms).
Owner—R. C. Gellett, 5856 Picardy Dr. Oakland.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
Concrete—A. A. Johnson, 1844 Channing St., Berkeley.
Brick Work—Henry J. Koenig, 4420 Ygnacio St., Oakland.
Plumbing—H. F. Lass, 5300 Cole St., Oakland.
Sheet Metal—Atlas Sheet Metal Works
Roofing — W. L. Ridout, 642 Pacific St., Alameda.

Construction To Start Shortly.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd. and Spruce St.
Cap Cod, Early California residence (two-story frame and stucco construction, 6 rooms, 2 baths); plank floors, composition shingle roof, gas hot air heating system, etc.
Owner and Builder—J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Confer, 2812 Russell St., Berkeley.
Sub-bids are in and will be awarded shortly.

Construction To Start Shortly.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Berkeley Highlands Terrace.
Two-story frame and stucco residence (6 rooms) shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—G. D. Clement.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Sub-bids are in and will be awarded shortly.

Contract Awarded.
RESIDENCE Cost, $5,500
ATHERTON, San Mateo Co., Cal. 9th Ave. N. F. Oaks.
Residence.
Owner—Stanley Ford, 9th Ave., Atherton.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

To Be Done By Day's Work.
RESIDENCES Cost, $——
SAN FRANCISCO, W Eighth Ave. S. Ortega.
Two one-story frame and stucco residences.
Owner and Builder—H. H. Isaac, 517 Belevedere Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, W 32nd Ave, S S Kirkham Street.
Three one-tory and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Plans by Owners.

Plans Being Figured.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence
Owner—Mr. Offord.
Architect — Michael Goodman, 2163 Center St., Berkeley.
About two weeks will be allowed for figuring the plans.

Plans Being Figured.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. O'Brien.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost $4,000 each
SAN FRANCISCO, S Niagara, West Cayuga.
Two one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Avenue.
Architect—Chas. Strothoff, 2274 15th Street.

Contract Awarded.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3714 Elston Avenue.
One-story residence (six rooms).
Owner and Builder—J. W. Scammell, 242 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $3707
BERKELEY, Alameda Co., Cal. No. 3104 Shattuck Avenue.
Alterations to residence.
Owner — H. Willner, 3104 Shattuck Ave., Berkeley.
Architect—Not Given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $4,000
SAN FRANCISCO, W Miramar 150 S. DeMontford.
One-story and basement frame residence.
Owner and Builder—A. R. Peterson, 60 Cotter Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 860 Leo Way.
Two-story frame and stucco residence (6 rooms).
Owner and Builder — M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $3,000
BERKELEY, Alameda Co., Calif. 722 Keeler Street.
One-story frame residence (4 rooms) and garage.
Owner & Builder—J. R. Vaughn, 2702 Webster St., Berkeley.
Architect—J. H. Piatt, 2024 University Ave., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $1,000
OAKLAND, Alameda Co., Cal. 2921 Chapman Street.
Alter residence.
Owner and Builder — Halstead Products Co., Premises.
Architect—Not Given.

Plans Completed
ADDITIONS Cost, $——
NEAR WATSONVILLE, Santa Cruz Co., Calif.
Alterations and additions to residence.
Owner—Edward Pfingst, Watsonville.
Architect—W. W. Wurster, 260 California St., San Francisco.
Plans have been forwarded to the owner for approval.

Contract Awarded.
RESIDENCE Cost, $3,000
MILL VALLEY, Marin Co., Calif.
One-story and basement frame and stucco residence.
Owner—Manuel A. Peters.
Plans by Roy Stahl.
Contractor—M. C. Ferrera and Roy Stahl, Rt. 2, Box 12, Petaluma.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,000
SAN FRANCISCO, 26th Avenue So. Ocean Ave.
One-story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner and Builder—J. W. McCabe, 716 Ulloa Street.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded.
RESIDENCE Cost, $7700
MILL VALLEY, Marin Co., Cal.
One-story frame and stucco residence
Owner — Kent and Helen Seymour, Sycamore and Park Sts., Mill Valley.
Architect—Not Given.
Contractor—Melvin H. Klyce, 34 Eugene St., Mill Valley.

Construction To Start Immediately.
RESIDENCE Cost, $4000
CONTRA COSTA CO. Cal. Berkeley Highlands Terrace.
One-story and basement frame residence (5 rooms) double garage, Monterey Colonial Type; grooved board exterior, shake roof, hot air oil burning heating system, steel sash, knotty pine interior, etc.
Owner—Kathleen Cronen.
Architect—Guy L. Brown, America Bldg., Oakland.
Construction will be handled by the owner.

Contract Awarded.
ALTERATIONS Cost, $10,0
PALO ALTO, Santa Clara Co., Cal Stanford Campus.
Alterations to Fraternity House.
Owner—Phi Delta Gamma.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—George E. Moore, 5 Stanford Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $50
SACRAMENTO, Sacramento Co., C No. 421 Forty-fifth Street.
One-story and basement frame a stucco residence.
Owner—J. M. Burrough, Premises.
Architect—Not Given.

Contract Awarded,
RESIDENCE Cost, $—
MODESTO, Stanislaus Co., Cal.
One-story and basement frame a stucco residence (8 rooms and baths) tile roof, hardwood floor gas hot air heating system, t baths, steel sash, etc.
Owner—Mr. Carmichael, Modesto.
Architect—G. N. Hilburn, 1213 I S Modesto.
Contractor—Ralph Boyed, Modesto.

Contract Awarded.
RESIDENCE Cost, $4,
PALO ALTO, Santa Clara Co., Ca
One-story frame and stucco residen
Owner—Vernelia D. Malcolm, 379 E erett Ave., Palo Alto.
Architect—Not Given.
Contractor—Aro & Okerman, Box 4 Palo Alto.

Construction Under Way.
RESIDENCE Cost, $35
BERKELEY, Alameda Co., Ca Woodmont Avenue.
One-story frame residence.
Owner—T. L. Kloss.
Architect—Fred Reimers, 233 Post S San Francisco.
Contractor—Barr Bros., 596 Chetwo St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $50
OAKLAND, Alameda Co., Cal. N 3300 Simmons Avenue.
One-story and basement frame a stucco residence (6 rioms).
Owner and Builder—Fred T. Dool 3936 Vale Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4
SAN FRANCISCO, W Twenty-seco Ave. 50 N Lawton Street
One-story and basement frame a stucco residence.
Owner—Stella K. Birdsall, 646 4 Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5
BERKELEY, Alameda Co., Cal. N 471 Vassar Street.
One-story frame and stucco residen (6 rooms).
Owner—P. H. Hammarberg, 2340 Conte Ave., Berkeley.
Architect—Not Given.
Contractor—A. Hammerberg, 2340 Conte Ave., Berkeley.

15— SCHOOLS

Plans Awaiting PWA Approval.
ADDITION Cost, $18,
SACRAMENTO COUNTY, Calif.
One-story frame and stucco additi

to elementary school (two classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

July 19, 1935

Contracts Awarded.
ADDITION Cost, $8,500
WOODLAND, Yolo Co., Calif.
Addition to bleachers (frame construction; comfort station, team rooms, showers, etc.)
Owner—Woodland High School Dist.
Architect—Dragon & Schmidts, Room 25, 2068 Allston Way, Berkeley.
Mill Work, Glass and Glazing—Davis Hardwood Co., Bay and Mason Sts., San Francisco, $848.50.
1x4-in. and 1¼x4-in. T&G Material (Oregon Pine)—Woodland Lumber Co., Woodland, $1,151.57.
Bleacher Seat Mtls.—Diamond Match Co., Chico, $349.92.
Roofing bids rejected.
Complete bids published July 5.

Planned.
CHEMISTRY BLDG. Cost, $1,159,718
SEATTLE, Wash. University of Washington.
Chemistry building.
Owner—Regents of the University of Washington.
Architect—Bebb & Gould, Hoge Bldg., Seattle, Wash.
Application filed with PWA for loan and grant to finance the project.

Plans Approved.
RECONST SCHOOL Cost, $140,000
BERKELEY, Alameda Co., Cal. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—John Reid Jr., 405 Montgomery St., San Francisco.

Work Started.
ADDITION Cost, $70,000
SAN FRANCISCO. Haight Streeet, bet. Laguna and Buchanan Sts., San Francisco.
Two or three-story wing addition to State Teachers' College) Science wing, laboratories, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Labor is being furnished by the SERA. Bids on certain portions of the work will be asked by the State Division of Architecture at a later date.

PRELIMINARY PLANS APPROVED
LOS ANGELES, Cal.—The Los Angeles board of education has approved preliminary plans and has authorized Architect Wm. Lee Woollett, 5330 Loma Vista St., to proceed with working drawings for a new main building replacement to be built at the Soto Street school, 1020 S. Soto St. Cost, $105,000.

BIDS WANTED
LOS ANGELES, Cal.—Until Aug. 9, 11:30 A. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 South San Pedro St., for reconstruction, rehabilitation and strengthening of the main building, classroom annex, cafeteria and domestic science building, and mechanical arts building at the John Muir junior high school, 5929 South Vermont Ave. The work will consist of strengthening masonry walls and roof, plastering, metal lath, painting, decorating, electric wiring, etc. Plans prepared by Architects John C. Austin and Frederic M. Ashley, 608 Chamber of Commerce Bldg. Cost, $158,146.

Plans Being Figured.
LIBRARY Cost, $350,000
EUGENE, Ore. Campus of University of Oregon.
Three-story and basement library (249 by 144 ft.) Romanesque style; tapestry brick exterior, cast stone tar and gravel roof, same marble, central heating plant, concrete slab floors, acoustical treatment, book conveyors, electric elevator, two fire doors, tile, linoleum, cork and rubber flooring, hollow tile partitions, structural steel, temperature regulators, vault doors, weather stripping, etc.
Owner—State of Oregon.
Architect—Lawrence, Holford & Allyn Failing Bldg., Portland.
Bids will probably be opened Aug. 19th.

Contract Awarded.
HIGH SCHOOL Cost, $33,000
COVELO, Mendocino Co., Calif.
One-story frame and stucco academic building.
Owner — Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Roth Bros., Woodland.
Academic building only will be constructed at this time.

Plans Awaiting PWA Approval.
RECONST. SCHOOL Cost, $140,000
BERKELEY, Alameda Co., Cal. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—John Reid Jr., 405 Montgomery St., San Francisco.
Plans have been approved by the State Division of Architecture, Sacramento.

PREPARING PLANS
LONG BEACH, Calif. — Francis H. Gentry, engineer, and C. L. Haynes, architect, 521 Jergins Trust Building, Long Beach, are preparing preliminary plans for a military academy to be built on Cherry Ave., Long Beach, for the Southern California Military Academy. The school will consist of 14 buildings, including an administration building, six dormitories, clinic, three classroom buildings, kitchen and mess hall, armory and gymnasium. Construction will probably be of frame and stucco. Cost, $250,000.

CONTRACT AWARDED
ST. JOHNS, Ariz.—Wm. Peper Construction Co., Phoenix, awarded a contract by School District No. 11 of Apache County, at aproximately $30,-500, for the construction of a new grammar school building in St. Johns, a PWA project. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, architects.

Preparing Preliminary Plans.
IMPROVE SCHOOL Cost, $——
CROCKETT, Contra Costa Co., Cal.
Structural changes to north wing of grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl 55 New Montgomery St., S. F.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.

Bids Opened.
SCHOOL Cost, $55,000
MONMOUTH, Oregon. Campus of the Oregon State Normal School.
One-story health and physical education building (brick exterior walls, mill construction, large pavilion, locker and shower rooms, boxing room, corrective room, hand ball courts, etc.
Owner—State of Oregon.
Architect—John V. Reame, 712 Lewis Bldg., Portland.
Low Bidder—Wm. and L. L. Quigley, 344 SE 52nd Ave., Portland.
Complete bids follow:

Wm. and L. L. Quigley, Portland	63,,90
Parelius Const. Co., Portland	63,29-
H. J. Settergren, Portland	66,200
Robertson, Hay and Wallace, Portland	66,275
Shattuck & Neland, Portland	68,700
L. H. Hoffman, Portland	69,850
Stein Bros., Eugene	74,380

Bids held under advisement.

BIDS OPENED
SANTA ROSA, Sonoma Co., Calif.—C. L. Frost, Monterey, at $1,377 submitted low bid to Santa Rosa School District for constructing a roof equal to a Pabco 20-year bonded roof on the Cafeteria of the High School and on the main building of the Fremont School in Santa Rosa.
Complete bids follow:

C. L. Frost, Monterey	$1,377
Alta Roofing Co., S. F.	1,753
Wm. Rapp, Santa Rosa	1,785
C. D. Roberts, Santa Rosa	1,816
H. T. Gladrow, Santa Rosa	1,950

Bids held under advisement.

BIDS WANTED
LOS ANGELES, Cal.—Until August 14, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two two-story Class A classroom buildings, to contain approximately 50 units, and a one-story Class B cafeteria building and connecting passageways to be built at Thomas Jefferson High School, 1319 E. 38th St
Morgan, Walls & Clements, 1135 Van Nuys Bldg., Architects.

BIDS OPENED
SAN FRANCISCO. — Knittle Bros., 224 Fifth St., at $3,747 submitted low bid to Department of Public Works for furnishing and installing heating system in the Douglas School, Collingwood and 19th Streets.
Complete bids follow:

Knittle Brothers	$3,747
Skelly & Kohler	3,860
O'Mara & Stewart, Ltd.	3,990
Scott Company	4,069
M. J. Reeves Heating Co.	4,163
F. W. Snook	4,260
Anderson & Rowe	4,470

Plans Being Completed.
SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (10 classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked in about thirty days.

BIDS WANTED
SAN FRANCISCO.—Until August 7, 2:30 P. M., bids will be received by Wm. H. Worden, Director, Department of Public Works, Room 251, City Hall, for mechanical equipment for the Lowell High School, Hayes and Ashbury Streets. Estimated cost $29,-000.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $25.00.

BIDS WANTED
SAN FRANCISCO.—Until July 31, 1:45 P. M., informal bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, for installing tar and brick roof on bungalows at the Daniel Webster School, Mission

and 19th Sts. Work involves five ply tar and brick roof, approximately 11 squares.
Further details may be obtained from R. A. Chishol, Supt. of Public Buildings, 484 11th Street.

16— BANKS, STORES AND OFFICES

July 19, 1953

Contract Awarded.
REPAIR STORE Cost, $1500
ALAMEDA, Alameda Co., Cal. No. 1000 Central Avenue.
Repair fire damage to store building.
Owner—Mr. Clarence, Premises.
Architect—Not Given.
Contractor—A. H. Kose, 478 25th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. NW Post and Kearny Streets.
Alterations to store building.
Owner—Century Realty Co., 200 Kearny Street.
Architect—Clarence Tantau, 210 Post.
Contractor—Fred W. Schell, 1651 24th Avenue.

Contract Awarded.
OFFICE Cost, $5,000
SAN FRANCISCO. Market. St. and Van Ness Avenue.
One-story Class C brick office building (flat roof, wood floors, wood sash, etc.)
Owner — Pacific Finance Corporation, 55 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Cahill Brothers, 263 Sansome Street.

Bids Wanted—To Close August 6, 2:00 P. M.
ACOUSTICAL WORK Cost, $——
SACRAMENTO, Sacramento Co., Cal. State Capitol Building.
Acoustical treatment in Senate Chamber of State Capitol.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Plans and specifications may be obtained from the above office. No deposit required.

Contract Awarded.
ALTERATIONS Cost, $1500
STOCKTON, San Joaquin Co., Cal. No. 123 E. Main Street.
Alterations to store front.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Lewis & Green, P. O. Box 121, Stockton.

Contract Awarded.
OFFICE BLDG. Cost, $7000
OAKLAND, Alameda Co., Cal. No. 950 Fifty-first Street.
One-story reinforced concrete office building.
Owner—Ralph N. Brodie Co., 61st and Lowell Sts., Oakland.
Architect — John B. Anthony, 1849 Arch St., Berkeley.
Contractor—S. N. Shapero, 1849 Arch St., Berkeley.

Plumbing and Heating Contracts Awarded.
ALTERATIONS Cont. Price, $53,152
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed; new store fronts, new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect — Wm. I. Garren, 233 Post St., San Francisco.
Contractor—Wm. M. Caldwell, 1241 Hedding St., San Jose.
Plumbing and Heating—I. D. Chadbourne, 424 Dewey Blvd., San Francisco.

To Be Done By Day's Work.
STORE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5821 East 14th Street.
One-story frame store and warehouse.
Owner and Builder—J. Taylor, 574 E 14th St., Oakland.
Architect—Not Given.

Puanned.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 831 Market Street.
Alterations to first, second and basement floors of building for store.
Owner—California Academy of Sciences.
Lessees—Lerner Shops (Samuel Lerner, in charge).
Architect—Not Given.
Further details will be announced shortly.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 1526 Fillmore Street.
Alterations to store building for branch bank.
Owner — Lurie Co., 333 Montgomery St., San Francisco.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
Lessee—San Francisco Bank.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

Planned.
ALTER BUILDING Cost, $5500
HEALDSBURG, Sonoma Co., Calif. NW East and Matheson Sts.
Alterations to present building (one-story wood frame structure, stucco exterior, etc.)
Owner — Pacific Telephone & Telegraph Company.
Plans by Engineering Dept. of Owner.
Further details will be announced shortly.

Planned.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 1143-45 Market Street.
Alterations for store building (43x165 feet).
Owner—Star Outfitting Co., 919 South Broadway, Los Angeles (J. L. Sternback in charge).
Architect—Not Given.
Agent—Lionel W. Wachs Co., Bank of America Bldg., Oakland.
Further details will be announced shortly.

Plans Being Prepared.
ADDITION Cost, $——
SAN RAFAEL, Marin Co., Cal. Fourth and B Streets.
One-story addition to present four-story office building.
Owner—Jacob Albert, San Rafael.
Architect—Carl F. Gromme, Masonic Bldg., San Rafael.
Contractor—Leibert & Trobock, Albert Bldg., San Rafael.

Contract Awarded.
STORE Cost, $——
SACRAMENTO, Sacramento Co., Cal. SE Fourth and K Streets.
One-story brick store building (80x160 feet).
Owner—Max Marthowitz Co., Inc.
Architect—Frederick S. Harrison, 1005 Tenth St., Sacramento.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Chas. Vanina, 2022 M St., Sacramento.

Plans Being Completed.
STORE Cost, $——
PACIFIC GROVE, Monterey Co., Cal. No. 561 Lighthouse Avenue.
Two-story store building ,fireproof structure).
Owner—Fred Cope, Pacific Grove.
Architect—Robert Stanton, Carmel.
Present building on site will be razed.

17— THEATRES

Plans Being Prepared.
ALTERATIONS Cost, $14,000
ROSEVILLE, Placer Co., Calif. Main Street.
Alterations and additions to theatre (work involves interior and exterior alterations; new stage equipment, drapes, curtains, electrical equipment, new carpets, seats, projection room and projection equipment, new wiring, etc.)
Owner—Harvey W. Smith, Roseville.
Architect — Harry Devine, California State Life Bldg., Sacramento.

Construction To Start Immediately.
THEATRE Cost, $50,000
CARMEL, Monterey Co., Cal. Ocean and Mission Streets (75x150 ft.)
One-story Class C theatre (to seat 850) reinforced concrete walls, composition and tile roofing, Summerhell trusses, etc.
Owner—Monterey Theatres Co. (E. H. Emmick, in charge), 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. KKellberg, 320 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

Plans Being Figured.
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO. No. 1329 Fillmore Street.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co. (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market St., San Francisco.
About ten days will be allowed for figuring the plans.

18—WHARVES & DOCKS

BIDS WANTED
SAN FRANCISCO.—Until August 1, 2 P. M., bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., for reroofing the following piers. Frank G. White, Ferry Bldg., Engineer:
(1) 920 squares mineral surface roofing on Pier 17;
(2) 840 squares asphalt gravel roofing on Pier 33;
(3) 312 squares asphalt gravel roofing on Pier 26.

19—MISC. CONSTRUCTION

Contract Awarded.
DEPOT Cost, $100,000
SAN JOSE, Santa Clara County, Cal. San Fernando and The Alameda.
Two-story steel frame depot (256x80-ft.) pressed brick walls, stucco exterior, concrete foundations, tile roof, steam heating system, etc. (waiting room, 80x40 feet); glass enclosed concourse leading to the

trains, passenger and freight department offices, etc.
ner—Southern Pacific Co., 65 Market St., San Francisco.
ns by Engineering Dept. of Owner (J. H. Christie, Engineer).
ntractor — Carl N. Swenson, 355 Stockton Ave., San Jose.

ntract Awarded.
EMATORY Cost, $17,000
REKA, Humboldt Co., Cal.
nforced concrete crematory (terra cotta and tile work) chapel, 20x 25 feet.
ner—Ocean View Cemetery Assn., (J. S. Clow, A. O. Urban, et al.)
chitect—Not Given.
undations—Herb Langdon.
rpentry Work—Peter Anderson.
ctrical Work—Kush Dolson.
ll of Eureka.
other awards will be made shortly.

Ask Bids Within A Few Days.
TTLE RAMP Cost, $——
XON, Solano Co., Cal.
tle ramp (reinforced concrete construction).
ner—C. Bruce Mace, Dixon.
gineer—W. E. Murray, 908 Hayes St., San Francisco.

-Contracts Awarded.
ATTOIR Cost, $——
XON, Solano Co., Calif.
dition and reconstruction of abattoir (steel frame and reinforced concrete construction, tar and graved roof, steel sash, concrete floors).
ner—C. Bruce Mace, Dixon.
gineer—W. E. Murray, 908 Hayes St., San Francisco.
ntractor—Campbell Constr. Co., 800 R St., Sacramento, $35,000.
nent—Dixon Lumber Co., Dixon.
nforcing Steel—Concrete Engineering Co., 1280 Indiana St., San Francisco.
el Sash — Truscon Steel Co., 604 Mission St., San Francisco.
nber—Dixon Lumber Co., Dixon.
s previously reported, steel contract awarded to Moore Drydock Co., t of Adeline St., Oakland, at $7500.

DS OPENED
ORTLAND, Oregon.—Ericksen & pp, Rainier, Ore., at $11,400 with rling motor and at $11,800 with l-Scott motor, submitted low bids the U. S. Engineer Office, Second tland District, Major C. F. Wilns, District Engineer, 627 Pittock ck, Portland, July 18, under Bid 694-36-2, for constructing one 45- wooden gasoline motor-driven, n-screw boat to be delivered afloat Government Moorings, NW St. Hel Road, Portland.
omplete bids follow:
ricksen & Klepp, Rainier: $11,400 Sterling motor; $11,800 with Hall tt motor; completion in 90 days.
storia Marine Const. Co., Astoria: 000 with Hall Scott motor; completion in 57 days.
hain Mfg. Co., Seattle: $14,992.75 Sterling motor; completion in 110 s.
regoning Boat Co., Seattle: $15,650 Hall Scott motor; completion in days.

W BIDDERS
AKERSFIELD, Kern Co., Calif.—owing low bids received by Lieut. rge T. Stump, Purchasing & Contting Officer, CCC District Headrters, 414 F St., Fresno, July 19, er Bid No. 5905-36-2, for furnishmaterials for buildings at Camp ella, to be delivered fob Bakers-d:
nber—Standard Lumber and Mill, 1710 Blackstone, Fresno, $362.17.

Millwork—Lonepine Lbr. Co., Lonepine, $32.30.
Hardware—Barrett - Hicks Co., 2027 Broadway, Fresno, $36.14.
Roofing—Zellerbach Paper Co., "H" and Kern Sts., Fresno, $22.61.

TO ASK FUNDS
LINCOLN COUNTY, Nevada.—The Lincoln County Power District plans to file application with the PWA for a loan of approximately $1,000,000 to construct a 135-mile transmission line from Boulder Dam. E. H Snyder of Salt Lake City, and J. H. Buckler of Pioche, represent mining companies of the district.

Sub-Contracts Awarded.
ALTERATIONS Cost, $11,000
ALAMEDA, Alameda Co., Calif. No. 2244 Santa Clara Avenue.
Alterations and additions to mortuary.
Owner—Fowler-Anderson.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda.
Roofing—Western Roofing Co., 24th and Poplar Sts., Oakland.
Plumbing—J. R. Olweig, Oakland.
Electric Wiring—Tom Nielsen, 1 Mastic Terrace, Alameda.
Heating—Chas. Smith, 1250 Park Ave. Alameda.
Tile Work—Rigney Tile Co., 3012 Harrison St., Oakland.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Wood Sash—Loop Lumber Co., Broadway and Blanding Sts., Alameda.
Reinforcing Steel — Boormann Steel Co., 25 8th St., Oakland.
Hollow Tile—Dickey Clay Co., 1st and Jackson Sts., Oakland.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Mantel—Harold Petersen, 1605 Lafayette St., Alameda.
Glass—W. P. Fuller & Co., 1358 Park Ave., Alameda.
Hardwood Floors—A. G. Johnson, 1549 5th St., Alameda.
Iron Grille Work—Oakland Ornamental Iron Works, 746 21st Street, Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Painting — W. G. P. Blumert, 5114 Telegraph Ave., Oakland.
Finish Material—Loop Lumber Co., Broadway and Blanding St., Alameda.
Grading—R. Powelson, 2524 Benvenue St., Oakland.
Foundations—Nat Lena, 1174 19th St., Oakland.
Brick and Stone Work—Harold Petersen, 1605 Lafayette St., Alameda

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 691-D, for furnishing miscellaneous structural steel, including platforms, railings, gratings, cable and bus supports, and air duct framing for Boulder Power Plant, Boulder Canyon Project:
Midwest Steel & Iron Works, f.o.b. Boulder City, $8152; ½% discount.
John W. Beam, f.o.b. Peotone, Ill., $7375; ½%.
E. Burkhardt & Sons Steel & Iron Works, f.o.b. Denver and Chicago, $10,339; ½%.
Virginia Bridge & Iron Co., f.o.b. Boulder City, $9290.
Joseph T. Ryerson & Son, Inc., f.o.b. Chicago, $6948; ½%.
Judson-Pacific Co., f.o.b. Boulder City, $9440.
Pacific Iron & Steel Co., f.o.b. Lynwood, Calif., $9000.
Ornamental Iron Works Co., f.o.b. Akron, Ohio, $11,979.
Stupp Bros. Bridge & Iron Co., f.o.b. St. Louis, Mo., $7490.
Schrader Iron Works, Inc., f.o.b San Francisco and Los Angeles, $9730.
Flour City Ornamental Iron Co., f.o.b. Boulder City, $6665.
Omaha Steel Works, fob Omaha, Nebr., $7700; ½%.
California Steel Products Co., f.o.b. Boulder City, $8393.
Spuck Iron & Foundry Co., f.o.b. Boulder City, $9118.
Hansell Elcock Co., f.o.b. Boulder City, $7809; ½%.
McClintic-Marshall Corp., f.o.b. Chicago, $6845.
Milwaukee Bridge Co., f.o.b. Boulder City, $8950.
Worden - Allen Co., fob Boulder City, $7952; ½%.
Mississippi Valley Structural Steel Co. f.o.b. Boulder City, $8296.
Minneapolis-Moline Power Implement Co., f.o.b. Minneapolis, $8200.
Lakeside Bridge & Steel Co., f.o.b. Milwaukee, Wis., $7351; ½%.
Consolidated Steel Corp., Ltd., fob Los Angeles, $9800.
Bids held under advisement.

CONTRACT AWARDED
LOS ANGELES, Cal.—J. H. Baxter & Co., 625 Edison Bldg., Los Angeles, awarded contract by H. E. Russell, Los Angeles County Purchasing Agent at $5336.43, for furnishing miscellaneous creosoted No. 1 common Oregon pine lumber under Spec. No. 9493, as follows:
(1) 200 pcs., 4x12-in.x14-ft., rough;
(2) 300 pcs., 4x12-in.x16-ft., rough;
(3) 500 pcs., 4x12 in.x20-ft., rough;
(4) 200 pcs., 4x12-in.x26-in., rough;
(5) 100 pcs., 4x12-in.x28-ft., rough;
(6) 100 pcs., 4x18-in.x20-ft., select structural grade, S1E;
(7) 25 pcs., 6x12-in.x20-ft., select structural grade, rough;
(8) 12 pcs., 6x12-in.x22-ft. do.
The total bids were:
J. H. Baxter & Co. ,$5336.43. Terms net. Delivery 30 days.
Chas. R. McCormick Lumber Co., $5740.98. Terms net. Delivery 45 days.
E. K. Wood Lumber Co., $5780.40. Discount 2%. Delivery 45 days.
Consolidated Lumber Co., $6072.99. Terms net. Delivery 28 days.
Bids were opened July 3.

BIDS OPENED
LOS ANGELES, Cal.—U. S. Forest Service, 751 South Figueroa St., Los Angeles, opened bids July 22 for furnishing cedar poles under Bid No. D.P.M. 1111. The bids were:
B. J. Carney Co., (1a) 500 poles, 22 ft. in length, class 4, $5.64 each; (1b) 500 poles, 22 ft. in length, class 6, $3.20 each; (2a) 400 piles, 25 ft. in length, class 4, $6.39 each; (2b) 400 poles, 25 ft. in length, class 6, $3.70 each; (3a) 100 poles, 30 ft. in length, class 4, $7.54 each; (3b) 100 poles, 30 ft. in length, class 6, $5.60 each; (4a) 100 poles, 35 ft. in length, class 4, $9.57 each; (4b) 100 poles, 35 ft. in length, class 6, $7.54 each; f.o.b. Washington.
Maydwell & Hartzell, (1a) $7.30; (1b) $5.45; (2a) $8.85; (2b) $6.45; (3a) $10.95; (3b) $8.05; (4a) $14.30; (4b) $10.90; fo.b. The Dalles.
Jas. L. Hall, (1a) $6.98; (1b) $5.20; (2a) $8.45; (2b) $6.14; (3a) $10.45; (3b) $7.66; (4a) $13.65; (4b) $10.40.
General Electric Supply Corp., (1a) $5.64; (1b) $3.20; (2a) $6.39; (2b) $3.70; (3a) $7.54; (3b) $5.60; (4a) $9.57; (4b) $7.34; f.o.b. Hilliard, Wash.
Chas. R. McCormick Lumber Co., (1a) $7.20; (1b) $6.35; (2a) $8.40; (2b) $6.47; (3a) $10.50; (3b) $8.75; (4a) $15.80; (4b) $10.52; f.o.b. Wilmington.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Aug. 19 11 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing and fabricating deformed concrete reinforcement bars for use in the construction of the Colorado River Aqueduct and appurtenant works, in accordance with Spec. No. 109, as follows:

For Delivery fob Bidder's Mill or Plant

Schedule 1: 23,300 tons rail steel, for delivery prior to July 1, 1936.

Schedule 2: 34,610 tons rail steel, for delivery prior to Jan. 1, 1938.

Schedule 3: 23,300 tons hard-billet steel, for delivery prior to July 1, 1936.

Schedule 4: 34,610 tons hard-billet steel, for delivery prior to Jan. 1, 1939.

Schedule 5: 12,550 tons intermediate cut and bent, for delivery prior to July 1, 1936.

Schedule 6: 23,000 tons intermediate cut and bent, for delivery prior to January 1, 1939.

Schedule 7: 24,470 tons modified intermediate fabricated into hoops—for delivery prior to July 1, 1936.

Schedule 8: 26,180 tons modified intermediate fabricated into hoops—for delivery prior to Jan. 1, 1939.

For Delivery fob Railroad Sidings Near Work

Schedules 9 to 16, inclusive, same as above but for delivery fob railroad sidings near work.

The schedules are grouped as shown below and are each alternative and not more than one such schedule will be awarded from each group.

Group 1: Rail or hard-grade billet steel-unbent—Sched. 1, 2, 3, 4, 9, 10, 11 and 12.

Gorup 2: Intermediate-grade billet steel—straight and cut or bent—Sched. 5, 6, 13 and 14.

Group 3: Modified intermediate-grade billet steel — fabricated into hoops—Sched. 7, 8, 15 and 16.

In addition to the above, bids are requested for furnishing approximately 12,150 tons of plain rods and bars prior to July, 1936, and alternatively for furnishing approximately 20,850 tons of rods and bars prior to 1939, such rods and bars to be purchased at the District's option for use in fabricating precast concrete pipe.

Specifications No. 109 may be obtained at Room 1007, upon payment of $5 per set, not returnable.

F. E. Weymouth is the General Manager and Chief Engineer.

RECLAMATION SERVICE

RYE PATCH DAM, Nevada.—Until August 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 703-D for furnishing and delivering fob cars at the shipping point and/or Rye Patch, Nevada, five 20-ft. by 17-ft. radial gates; two 48-in. dia. welded plate-steel outlet pipes and miscellaneous metal work consisting of spiral stairways and walkways, roof framing, stair nosings and two 14-in dia. ventilators for installation in the spillway and outlet works of the Rye Patch Dam, Humboldt Project, Nev. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1.50, not returnable.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until July 30, 3 P. M., bids will be received by the U. S. Engineer Office, Captain J. G. Drinkwater, District Engineer, Room 208, Post Office Bldg., Sacramento, under Proposal No. 1105-36-10, for furnishing and delivering miscellaneous castings, etc., f.o.b. regular wharf, Rio Vista.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until August 2, 3 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Sacramento, Captain J. G. Drinkwater, District Engineer, under Proposal No. 1105-36-15, for furnishing 200 standard bench mark caps.

Delivery f.o.b. Sacramento.

Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until August 1, 3 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Sacramento, Captain J. G. Drinkwater, District Engineer, under Proposal No. 1105-36-16, for the erection of approximately 1095 lin. ft. of continental chain link fence, 8 ft. high and with extension arms and barbed wire, including the furnishing of cement and aggregates, along the Sacramento Weir, near Lovdal.

Specifications obtainable from the above office.

FRESNO, Cal.—Until August 1, 1:30 P. M., bids will be received by Lieutenant George T. Stump, Purchasing & Contracting Officer, Fresno Dist. CCC, 414 P St., Fresno, under Bid No. W-5905-36-5, for furnishing (1) lumber; (2) millwork; (3) roofing and felt, for construction of CCC Camp buildings.

Delivery f.o.b. 414 P St., Fresno.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until August 5, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Proposal No. 928-35-15, for furnishing miscellaneous supplies, including cloths, water hose, steam hose, map handles, varnish, padlocks, brooms, broom handles, cotton mops, etc.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE.—Until August 1, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule 3073 for furnishing miscellaneous supplies and equipment, including:

Pipe, steel tires, dies, hand taps, assorted files, screws, box strapping, paint cans and pails, vises, boilermakers' ratchets, shovel, picks, hammers, chisels, tinners' snips, nose respirators, cotton mops, locks, sash pulley, paint ingredients, varnish, enamel, linseed oil, pine oil, pine tar oil, manganese linoleate, silica, powdered rosin, mineral lubricating grease, coal tar, naptha, caustic soda, acetone, creosote oil, material for sealing, waterproofing, and polishing and batching plant.

Specifications obtainable from abo office and from Assistant Purcha ing Agent, The Panama Canal, F Mason, San Francisco.

PANAMA CANAL ZONE — Un July 31, 10:30 A. M., bids will be r ceived by A. L. Flint, Purchasing C ficer, The Panama Canal, Washingto D. C., under Schedule No. 3074, f furnishing miscellaneous supplies a equipment, including galvanized co rugated metal roofing, corrugated a bestos protected metal roofing, po able air compressor, manganese st dredge dipper lips, cold storage doo automobile, copper netting and Ven tian blinds.

Specifications obtainable from t above office or from th Assistant Pu chasing Agent, The Panama Can Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will received by the Bureau of Suppl & Accounts, Navy Department, Wa ington, D. C., for furnishing misc laneous supplies and equipment, follows:

EXTINGUISHERS, 300 fire extin guishers, carbon - tetrachlorid Mare Island. Sch. 5578; Aug.

STEEL, corrosion-resisting bar; M Island. Sch. 5594; August 6.

STEERING equipment, 4, automa and spares; Mare Island. Sch 5580; August 6.

EXTINGUISHERS, 46 fire extin guishers, Mare Island; 400 fire extinguishing liquid and gals. do; San Diego and Puge Sound. Sch. 5610; August 6.

LUMBER: Mare Island and Pu Sound. Sch. 5564; August 16.

Information obtainable from ab office and from Headquarters, 1 Naval District, 100 Harrison St., Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO—Until August 3 P. M., bids will be received by T. Brooks, Purchaser of Supplies, Ro 270, City Hall, under Bid No. 1417, furnishing 48 rolled steel car whe for the Municipal Railway.

Specifications obtainable from above office.

AMADOR COUNTY

JACKSON, Amador Co., Cal.— til August 5, 1:30 P. M., bids will e received by Leotta M. Huberty, Cl Amador County Board of Supervis for supplying and laying linoleum all rooms and hallway on the lo floor of the County Hospital at J son. Specifications call for Armstrong's or equal Battleship linoleum to be cemeted in appro manner, over 1-lb. felt on all flo Samples to be submitted to Boar Supervisors.

MADERA COUNTY

MADERA COUNTY, Cal.—Until gust 6, 2 P. M., bids will be re ed by the Madera County Boar Supervisors, L. W. Cooper, C Court House, Madera, for furnis one new crawler type tractor least 48-hp. Bidders are to state trade-in allowance on one used 30 tractor.

Specifications obtainable from a office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

SUB-CONTRACTS AWARDED

ALAMEDA COUNTY, Cal.—Barrett & Hilp, 918 Harrison St., San Francisco, general contractors for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, Southern Pacific Co., and Key System, Ltd., in Oakland, consisting of a steel and concrete viaduct on concrete bents with a concrete roadway slab, have awarded the following sub-contracts on the work:

Structural Steel—Ingalls Iron Works, Birmingham, Ala.

Concrete—Transit Concrete, Ltd., 2500 Peralta St., Oakland.

Reinforcing Steel—Pacific Coast Steel Corp. 20th and Illinois Streets, San Francisco.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until August 5 (tentative date) bids will be received by the San Jose City Council, C. B. Goodwin, City Manager, for construction of a concrete rigid frame bridge, 125 ft. span, 50 ft. wide, on concrete piles across Guadalupe Creek, connecting Prevost and River Streets. Estimated cost, $20,000

William D. Lotz, 35 W. San Carlos St., San Jose, prepared the plans.

Wm. I. Popp, City Engineer.

22—DREDGING, HARBOR WORKS, EXCAVATION

BID OPENING POSTPONED

LOS ANGELES, Cal.—Until July 29, 2 P. M., date postponed from July 22, previously reported, bids will be received by the U. S. District Engineer, 51 South Figueroa St., Los Angeles, for furnishing all labor and material and performing all work for constructing a composite type breakwater approximately 2,000 ft. long in Los Angeles-Long Beach Outer Harbors.

Work is financed with $1,000,000 appropriation of Emergency Work-Relief funds.

Bids will be taken as follows:

(1) 155,000 tons Class A stone;
(2) 150,000 solid cubic yards, exclusive of voids, Class B stone;
(3) 215,000 c.y. place measurement, dredging for sand and clay core.

Drawings and specifications obtainable from above office and on file at the office of the Pacific Division, U. S. Engineers, Custom House, San Francisco.

CONTRACT AWARDED

SEATTLE, Wash.—Columbia Construction Co., Lewis Bldg., Portland, and Bonneville, at $358,610 awarded contract by the U. S. Engineer Office, Seattle, for rebuilding part of the south jetty at the entrance to Grays Harbor, Wash.

Work includes construction of unloading wharf, trackage connecting unloading wharf with base of jetty, tramway on enrockment of old jetty, furnishing and installing two derricks, one track scale, scalehouse and garage and placing about 80,000 tons of stone in south jetty.

Allotment of $110,000 federal funds has been made for the first unit of this project, the total cost of which will be $4,565,000.

CONTRACT AWARDED

SEATTLE, Wash. — Puget Sound Bridge & dredging Co., 2929 16th St., S. W., Seattle, at $0.1775 per c.y. total $195,492 awarded contract by the U. S. Engineer Office Seattle, for 1,000,000 c.y. of dredging and 4,000 c.y. rock removal in Willapa River, to form a cutoff channel in bend immediately above "Narrows" and below Raymond, Wash.

BIDS OPENED

SEATTLE, Wash.—Columbia Const. Co., Lewis Bldg., Portland, at $359,060 submitted low bid to the U. S. Engineer Office Seattle, for rebuilding part of south jetty at the entrance to Grays Harbor, Wash.

Work includes construtcion of unloading wharf, trackage connecting unloading wharf with base of jetty, tramway on enrockment of old jetty, furnishing and installing two derricks, one track scale, scalehouse and garage and placing about 80,000 tons of stone in south jetty.

Total bids follow:

Columbia Const. Co., Portland, $359,060.00.

Romano Engr. Co., Seattle, $371,036.

Winston Bros. St. Paul, Minn., and Kern & Kibbe, Portland $377,153.

Puget Sound Bridge & Dredging Co Seattle, $407,226.

Engineers' estimate, $393,000.

Allotment of $410,000 federal funds has been made for the first unit of this project, the total cost of which will be $4,565,000.

Bids held under advisement

BIDS OPENED

VANCOUVER, Washington.—Parker-Schram Co., Couch Bldg., Portland at $61,000 submitted low bid to the U. S. Engineer Office, 1st Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for constructing a total of about 5360 feet of pile dikes in Columbia River at six different sites, located one to four miles above Vancouver.

Complete bids follow:

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Parker-Schram Co., Portland $61,000
Kuckenberg-Wittman Co., Portland 69,330
Gilpin Const. Co., Portland 75,660
Kern & Kibbe, Portland 75,900
Guthrie-McDougall, Portland 81,160
L. Romano Engr. Corp., Seattle 148,560
Engineer's estimate 73,255

Bids held under advisement.

LOW BIDDER

OREGON-WASHINGTON. — Puget Sound Bridge & Dredging Co., 2929 16th Ave., Seattle, at $529,500 submitted low bid to the U. S. Engineer Office, Second Portland District, Major C. F. Williams, District Engineer, 627 Pittock Block, Portland, July 19, for channel improvement in the Columbia River, Oregon and Washington, from Celilo Falls to Wallula, involving:

(1) 46,400 c.y. rock excavation;
(2) 131,000 c.y. gravel excavation.

COMPLETE BIDS

OREGON-WASHINGTON — Tacoma Dredging Co., 1113½ A St., Tacoma, at $0.079 per cu. yd. total $79,000, as previously reported, submitted low bid to the U. S. Engineer Office, First Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for dredging approximately 1,000,000 cu. yds. of material from channel in the Columbia River, extending from the Interstate Highway Bridge at Vancouver, Wash., to the mouth of the Willamette River.

Complete bids follow:

Tacoma Dredging Co., Inc., Tacoma, $0.079 per cu. yd.; total $79,000.

Albin Walter Norblad Jr., Astoria, $0.087 per cu. yd.; total $87,000.

Puget Sound Bridge & Dredging Co., Seattle, $0.09 per cu. yd.; total, $90,000.

General Constr. Co., Seattle, $0.0975 per cu. yd.; total, $97,500.

Engineer's Estimate, $0.08 per cu. yd. total, $80,000.

BIDS OPENED

OREGON—S. S. Montague, 42 S. E. Salmon St., Portland, at $52,920 submitted low bid to the U. S. Engineer Office, First Portland District, Major Milo P. Fox, District Engineer, 306 Custom House, Portland, for clearing and grading river bank and constructing approximately 4340 lin. ft. of protective gravel fill and removal and relaying of approximately 7200 sq. ft. of stone revetment, all in the Willamette River near Independence, Ore.

The work involves:

(1) 4400 cu. yds. grading, including clearing;
(2) 204,000 cu. yds. protective gravel fill in place;
(3) 7200 sq. ft. removing and relaying existing stone revetment.

Complete bids follow:

S. S. Montague, Portland, (1) $0.48; (2) $0.242; (3) $0.20; total, $52,920.

Portland Dredging Co., Portland, (1) $0.75; (2) $0.24; (3) $0.50; total $55,860.

Guthrie-McDougall Co., Portland, (1) $0.44; (2) $.26; (3) $0.20; total $56,416.

Brent-Sturgill Co., Inc., Portland, (1) $1.00; (2) $0.25; (3) $1.00; total $62,600.

Pacific Building Materials Co., Portland, (1) $0.55; (2) $0.28; (3) $1.05 total $67,100.

Kukenberg-Wittman Co., Inc., Portland, (1) $0.50; (2) $0.31; (3) $0.30; total $67,600.

Parker-Schram Co., Portland, (1) $0.20 (2) $0.32; (3) $0.28; total $68,176.
Malcom & Bell, Portland, (1) $0.40; (2) $0.47; (3) $0.30; total $99,800.
Engineer's estimate, (1) $0.488; (2) $0.362; (2) $0.987; total, $83,101.60.
Bids held under advisement.

23—IRRIGATION PROJ.

BIDS OPENED

SAN JOAQUIN CO., Cal.—X. Carrithers, 515 N. Delaware Street, San Mateo, at $34 per acre submitted the low bid to Ohm & Raab, civil engineers, 109 E. Weber St., Stockton, July 16, for leveling, ditching and checking about 193.6 acres of the Mott & Hicks Ranch about 17 miles south of Stockton, for the Pacific States Savings & Loan Co.

Complete bids follow:

	Per acre
X. Carrithers, San Mateo	$34.00
G. E. Murray, Modesto	36.00
Geo. Patterson, Stockton	45.00
Hughes Bros., Fresno	49.25

Two low bids held under advisement.

BIDS OPENED

FAIRFIELD, Montana—Rue Bros., Bismark, North Dakota, at $78,881.90 submitted low bid to the Bureau of Reclamation, Fairfield, Montana, July 8, under Spec. No. 626, for the construction of earthwork and structures for Greenfields Main Canal and Greenfields South Canal enlargement and extensions and laterals and lateral extensions and enlargements, Greenfields Division, Sun River Project, located near Fairfield and Ashuelot, Montana.

Total bids follow:

Rue Bros., Bismark, North Dakota, $78,881.90.
Lobnitz Bros., Townsend, Montana, $79,207.40.
T. G. Rowland, Salt Lake City, Utah, $101,741.75.
Tomlinson & Arkwright, Great Falls, Montana, $103,798.50.
Lease & Leigland, Great Falls, Montana, $114,595.60.
Elvin Billingsley, Minneapolis, Minn., $145,876.44.
Bids held under advisement.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho.—Henry L. Horn, Nyssa, Oregon, at $10,220 on Schedule 1, $11,324 on Schedule 2; total, $21,544; awarded contract by the Bureau of Reclamation, Ontario, under Spec. No. 694-D, for the construction of structures, North Canal laterals, N. C. 25.4 to 25.4-4.8, Mitchell Butte Division, Owyhee Project.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CITY, Nev.—Following bids received by the Bureau of Reclamation, Denver, July 15, under Spec. No. 698-D, for furnishing eight safety doors and appurtenances for penstock anchor passageways at Boulder Dam, Boulder Canyon Project.

California Steel Products Co., f.o.b., San Francisco, $2346.
A. J. Bayer Co., f.o.b. Los Angeles, $2658.
Schrader Iron Works, Inc., f.o.b. San Francisco, $3526.
Heine Boiler Co., f.o.b., St. Louis, Mo. $2500.
Flour City Ornamental Iron Co., f.o.b. Minneapolis, Minn., $3270.
Consolidated Steel Corp., Ltd., f.o.b. Los Angeles, $2360.
Lacy Mfg. Co., f.o.b. Los Angeles, $2250.
Berkeley Steel Constr. Co., Inc., f.o.b. Berkeley, $4300.
Ornamental Iron Works, f.o.b. Akron, Ohio, $2994.
Hansell Elcock Co. f.o.b. Chicago, $2104.
John W. Beam, f.o.b. Denver, $1950.
Bids held under advisement.

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Identical bids at $4,000 less a discount of 2% 30 days, were received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 1586, Req. No. 8962, for furnishing one 10-ft. dual drive pneumatic tired motor grader, fob Stockton.

The bidders and types of equipment offered were:

Weaver Rye Tractor Co., Sacramento: Cat. "10", automatic control.
Edward R. Bacon, San Francisco: Wehr G-4-250.
Austin Western Road Machinery Co., San Francisco: Austin-Western 97 Junior; add $78 for wye front axle; add $156 for wye from axle with leaning wheel and 36x26 front pneumatic tires.
Jenison Machinery Co., San Francisco: Galion.
J. D. Adams Co., San Francisco: Adams "301."
Bids held under advisement

BIDS OPENED

EUREKA, Humboldt Co., Cal.—The following bids received by the State Purchasing Agent, State Capitol, Sacramento, under Quotation No. 706, Req. No. 13920, for furnishing two power shovels, complete, and two dragline attachments for the same, delivery fob Division of Highways, Shop 1, Eureka:

Jenison Machinery Co., San Francisco: (1) gasoline shovel, $5,349; (2) dragline attachment, $551; (3) Diesel shovel, $6,367.
A. L. Young Machinery Co., San Francisco: (1) $5,803; (2) $636; (3) $6,600; 2% 30 days discount; $250 for instructor.
Edward R. Bacon Co., San Francisco: (1) $5,819; (2) $904.50; (3) $6,619; prices based on complete order; if awarded only one, add $142 for the shovel and $11.77 for dragline attachment. Discount, 2% 15 days.
Norris K. Davis, Inc., San Francisco: (1) $5,875; discount $104.50 10 days; (2) $750; (3) $6,575, discount, $118.20, 10 days; $15 per day for instructor.
Weaver Rye Tractor Co., Sacramento: (1) $5,937, 2% 30 days, additional $1033.50 freight; (2) $593.75; (3) $7,131.25, 5% 30 days, additional $1033.50 for freight.
Harron, Rickard & McCone, San Francisco: (1) $5,929 with combination crowd, $6,179 with independent crowd, add $211 for Esco manganese diper; (2) $993; (3) no bid; 2% 10 days; $15 per day for instructor.
Garfield Co., San Francisco, 30,000 lb. car minimum: (1) Model 27 with 14-in. tread, $5,896; Model 27 with 16-in. tread, $6,062; Model 30 with 14-in. tread, $6,120; Model 30 with 16-in. tread, $6,307; (2) $503, without bucket; add $340 for manganese bucket, and $291 for plate bucket; (3) Buda engine, $6805; Caterpillar engine, $6979; McCormick Deering engine, $7029; Cummins or Hercules engine, $7216. Based on a 40,000 lb. car minimum: (1) Model 27 with 14-in. tread, $5780; Model 27 with 16-in. tread, $5963; Model 30 with 14-in. tread, $6018; Model 30 with 16-in. tread, $6201; (2) $493 without bucket add $334 for manganese bucket and $286 for plate bucket; (3) Buda engine, $6687; Caterpillar engine, $6,877; McCormick-Deering engine, $6,925; Cummings or Hercules engine, $7,108.

Spears - Wells Machiney Co., Oakland: (1) $6,000, add $300 for manganese bucket; (2) $750; (3) $6,750; $7 per machine for instructor; net. Alternate: (1) $7,000 with rope crowd $7,325 with chain crowd; (2) $936; (3 $7,750; add $100 each for electri starter; add $75 each for oil typ housing; 2% 15 days.
Universal Crane Co., San Francisc (1) Model 30, $6,560; Model 37, $7 350; (2) $938; (3) Model 30, $7,110 Moedl 37, $7,700; 2% 15 days.
Harnischfeger Sales Corp., S. F. Model 200-B, $6,889; Model 300-A, $7, 530; (2) Model 200-B, $614; Model 300 A, $671; (3) Model 200-B, $7,897; Mode 300-A, $8,530.
Northwest Engineering Co., S. F. (1) $7,300; (2) $1,265; (3) $9,300; 2% 30 days.
Bucyrus - Erie Co., San Francisco (1) $7,453; (2) $1,085; (3) $8,603; net.
O. R. Peterson, Inc., S. F.: (1) $5, 974; (2) $881; (3) no bid; ½% 30 days

BIDS OPENED

ALAMEDA COUNTY, Cal.—Jack Harrison, Niles, at $3.50 per hour submitted low bid to the Division o Highways, Jno. H. Skeggs, Distric Engineer, 211 State Bldg., San Fran cisco, for the rental of one powe shovel of not less than ¾ cu. yd. capacity, for approximately 160 hours to be used in Alameda County.

Complete bids follow:

Jack Harrison, Niles, $3.50 per hour
S. A. Lance, San Jose, $4.00.
Johnson & Nelson, San Anselmo, $4.5
A. E. Garcia Jr., Irvington, $5.00.
G. M. Locatelli, Boulder Creek, $5.05
Consolidated Crane Service, Los Angeles, $7.00.

BIDS OPENED

YUMA, Arizona—Following bids received by the Bureau of Reclamation Denver, Colo., July 15, under Spec No. 631, for furnishing four 75x23 ft roller gates with operating mechanisms for the All-American Canal Headworks, Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project:

Dravo Contracting Co., (1) $101,400 (2) $98,000 f.o.b. Neville Island Pittsburgh.
McClintic-Marshall Corp., (1) $106,200 f.o.b. Chicago.
Independent Bridge Co., (1) $114,400 f.o.b. Neville Island, Pittsburgh.
S. Morgan Smith Co., (1) $114,650 f.o.b. York, Pa., and Gary, Ind.
Babcock & Wilcox Co., (2) $125,850.8 f.o.b. Barberton, Ohio.
Treadwell Constr. Co., (1) $137,000 f.o.b. Midland, Pa.
Lakeside Bridge & Steel Co., (1) $169,300 f.o.b. Milwaukee, Wis.
Allis-Chalmers Mfg Co., (1) $189,900, f.o.b. Milwaukee, Wis.

29—STREETS AND HIGHWAYS

BIDS OPENED

COCONINO COUNTY, Ariz.—Arizona Sand & Rock Co., Box 1522 Phoenix, at $7080 submitted low bid to the Bureau of Public Roads, 41 Title & Trust Bldg., Phoenix, for placing a seal coat on Sections B and C of Route 4, the Ashfork-Flagstaff Angell National Forest, Coconino Co. Arizona.

Complete bids follow:

Arizona Sand & Rock Co., Phoenix $7080.
E. L. Yeager, San Bernardino, Calif. $8460.
Pearson & Dickerson Contractors, Inc Prescott, $9510*.

*Deduct 2½% if awarded contract for placing seal coat on Section H on Route 1, all of Route 10, Grand Canyon National Park, and on Sections A, B, C, D and E of the Cameron

Desert View Approach to Grand Canyon National Park, Coconino County.

29

BIDS OPENED

COCONINO COUNTY, Ariz.—Identical bids at $10 per ton were received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing approximately 372 tons asphaltic road material 95 plus for use on Section H of Route 1 and all of Route 10, Grand Canyon National Park, and Sections A,B,C,D, and E of the Cameron-Desert View Approach to Grand Canyon National Park, Coconino County, Arizona.

The bidders were:
Richfield Oil Co.
Gilmore Oil Co.
Associated Oil Co.
Standard Oil Co.
Union Oil Co.
General Petroleum Co.
Asphalt, Inc.
Petrol Corp.
Shell Oil Co.

CONTRACT AWARDED

SISKIYOU COUNTY, Cal.—Dunn & Baker, Klamath Falls, Oregon, at $48,542 (second low bid) awarded contract by the State Highway Commission, Sacramento, for about 8.2 miles grading in Siskiyou County between Cougar and four miles northwest of Grass Lake Station.

COMPLETE BID LISTING

LOS ANGELES AND KERN COUNTIES, Cal.—Basich Bros., 20,550 Normandie Ave., Torrance, at $27,892.50 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for applying road mix surface treatment to existing roadbed shoulders for a distance of about 13.7 miles and applying a bituminous seal coat to treated shoulders for a distance of about 24.9 miles in Los Angeles and Kern Counties, between Lancaster and Mojave.

The work involves:
(1) 134,000 sq. yds. preparing, mixing and shaping shoulderse (road-mix surface treatment);
(2) 140 tons liquid asphalt, SC-2 (prime coat);
(3) 1100 tons liquid asphalt SC-2 (road-mix surface treatment);
(4) 220 tons liquid asphalt 90-95 (seal coat);
(5) 2550 tons screenings(seal coat).

Total bids follow:
(A) Basich Bros., Torrance ($27,892.50
(B) Gogo & Rados, Los Angeles, $30,446.00.
(C) A. S. Vinnell Co., Los Angeles, $30,628.50.
(D) C. W. Wood, Stockton, $33,467.50.
(E) John Jurkovich, Fresno, $33,985.
(F) M. J. B. Constr. Co., Stockton, $34,218.50.
(G) Geo. R. Curtis Paving Co., Los Angeles, $34,366.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)
(A).....	$.0475	$ 8.50	$ 8.50	$15.75	$2.95
(B).....	.047	9.50	9.05	17.90	3.50
(C).....	.049	9.50	9.50	17.00	3.35
(D).....	.055	11.00	10.00	17.00	3.85
(E).....	.04	15.00	12.00	20.00	3.50
(F).....	.045	11.00	11.00	19.50	3.55
(G).....	.06	10.35	10.35	19.60	3.60

NEW BIDS ASKED

TEHAMA COUNTY, Cal. — Until July 29, 10 A. M., new bids will be received by the Tehama County Board of Supervisors, R. H. Holthe, Clerk, Red Bluff, for furnishing corrugated culverts to the county of Tehama for the fiscal year ending June 30, 1936.

On the previous bid opening, July 15, the Western Pipe & Steel Co. and the Corrugated Culvert Co. were the only bidders.

BIDS WANTED

SAN LUIS OBISPO, Cal. — Until July 29, 7:30 P. M., bids will be received by the Trustees of the San Luis Obispo School District, C. L. Smith, Clerk, San Luis Obispo High School Bldg., for grading of the Fremont School Grounds.

Plans and specifications obtainable at the office of Burch & Beck, 793 Higuera St., San Luis Obispo.

BIDS WANTED

EL CERRITO, Contra Costa Co., Cal.—Until July 29, 5 P. M. (to be opened at 8 P. M.) new bids will be received by the El Cerrito City Council, Fred J. Prosses, City Clerk, City Hall, for the improvement of Cutting Blvd. from the westerly limit of El Cerrito to the westerly line of San Pablo Ave.

(1) 242 c.y. excavation;
(2) 96 c.y. fill;
(8) 351 tons crusher run base;
(4) 837 gals. paint coat;
(5) 245 tons natural rock asphalt·
(5a) 306 tons asphaltic concrete;
(6) 913 l.f. concrete curb;
(7) 79.87 c.y. concrete gutter in driveways;
(8) 86 l.f. excavation, remove 16-in. pipe and install 21-in. CMP and backfill;
(9) 102 l.f. excavation, remove 16-in. pipe and install 24-in. CMP and backfill;
(10) 40 l.f. excavation, and removing 16-in. pipe and backfill;
(11) 40 l.f. excavation and removing 24-in. CMP and backfill;
(12) 84 l.f. excavation, laying 16-in. CIP and backfill;
(13) 52 l.f. redwood headers;
(14) 5 reinforced concrete catchbasins complete in place.

Plans and specifications obtainable from City Engineer Harry D. Chapman.

Cost is estimated at approximately $4,000.

BIDS OPENED

COCONINO COUNTY, Ariz. — Lee Moor Contr. Co., 807 Bassett Tower Bldg., El Paso, Texas, at $25,830 submitted low bid to the Bureau of Public Roads 414 Title & Trust Bldg., Phoenix, for placing a seal coat on Section H of Route 1, all of Route 10, Grand Canyon National Park, and on Sections A, B, C, D and E of the Cameron - Desert View Approach to Grand Canyon National Park Coconino County. The length of the project is 31.969 miles.

Pearson & Dickerson Contractors, Inc., Prescott, at $27,730.20 submitted the only other bid.

Engineers' estimate, $20,664.

BIDS WANTED

LINN COUNTY, Ore.—Until July 31 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch District Engineer, 316 New Postoffice Bldg., Portland, for constructing 3.279 miles of the North Santiam Grading Project 24-F2, Forest Road Project, located within the Willamette National Forest, Linn County, Ore.

The work involves:
(1) 6 acres clearing;
(2) 25 acres grubbing;
(3) 151,800 c.y. unclass. excavation;
(4) 139,000 sta yds. overhaul;
(5) 3.2729 miles finish earth graded road;
(6) 17 acres roadside cleanup;
(7) 50 each dangerous trees & snags,
(8) 9,200 l.f. rounding cut slopes;
(9) 120 c.y. Class A concrete;
(10) 4,000 c.y. mi. overhaul;
(11) 12,000 lbs. reinforcing steel;
(12) 690 l.f. culverts (Alternate);
(13) 14,000 c.y. loose riprap (Type 1).

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

SAN FRANCISCO. Until August 2 2:30 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,805 for the improvement of Army Street between Potrero Ave. and Bryant St. Estimated cost, $33,000.

The work involves:
(1) 62,400 sq. ft. Class E asph. concrete pavement;
(2) 16,700 sq. ft. asph. concrete pavement (4 sacks per c.y.);
(3) 5,000 sq. ft. Class F asph. concrete pavement;
(4) 30 tons asphaltic concrete wearing surface;
(5) 30 tons asphaltic concrete binder course;
(6) 1,500 l.f. armored concrete curb;
(7) 100 l.f. reset concrete curb;
(8) 12,000 sq. ft. one-course concrete sidewalk;
(9) 3 each brick manholes;
(10) one brick catchbasin;
(11) 9 each reset do;
(12) 200 l.f. 10-in. VCP sewer;
(13) 570 l.f. 12-in. VCP sewer;
(14) 110 l.f. 6-in. VCP side sewer;
(15) 19 each 12x6-in. Y or T branches
(16) 1 reflector type traffic sign;
(17) lighting system installed, complete.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

EL DORADO & YOLO COUNTIES, Cal.—Until August 5, 10:30 A.. M, bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for about 28 mi. liquid asphalt treatment in El Dorado and Yolo Counties, bet. Auburn Junction (mile 7.89) and Cool, and between 4 miles north of Solano-Yolo County line and Irrigation Canal.

The work involves:
(1) 200 tons liquid asphalt, SC-3 (Location A);
(2) 190 tons liquid asphalt, SC-3 (Location B).

Plans and specifications obtainable from the above office

BIDS WANTED

EL DORADO COUNTY, Cal.—Until August 5, 10:30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for placing untreated crushed gravel or stone base and road-mix surfacing on about 1 mi. in El Dorado County, at Oglesby Canyon.

The work involves:
(1) 150 M. gals. water;
(2) 51 stations finishing roadway;
(3) 2100 cu. yds. untreated crushed gravel or stone (base);
(4) 1550 cu. yds. mineral aggregate (road-mix surfacing);
(5) 98 tons liquid asphalt, ROMC-2, 3 or 4 (road-mix surfacing);
(6) 18 tons liquid asphalt, SC-1A (prime coat);
(7) 850 cu. yds. salvaged surfacing (shoulders);
(8) 17 each, guide posts.

Plans and specifications obtainable from the above office.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $7.41 per ton, total $9,818.25, submitted low bid to the Division of Highways, E. E. Wallace, District Engr, Union Bldg, San. Diego, July 23, for treating with liquid asphalt about 54.7 miles in San Diego County, between Bonsall and Rincon and between Santa Ysabel and northerly boundary, involving about 1325

tons of liquid asphalt, Type SC-2.

Complete blds follow:

Morgan Bros., (1) $7.41; total, $9818.25

Gilmore Oil Co., (1) $7.86; total, $10,-414.50.

Paulsen & March, (1) $9.45; total, $12,-521.25.

Square Oil Co., (1) $11.00; total, $14,-575.

BIDS OPENED

MADERA COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1118, Sacramento, at $105,708.60 submitted low bid to the State Highway Commission, Sacramento, for surfacing about 7.8 miles with plant mix surfacing on a crusher run base in Madera County between Coarse Gold and Oakhurst.

Bids were taken as follows:

(1) 450 M. gals. water;
(2) 217 sta. finishing roadway;
(3) 20,600 tons crusher run base;
(4) 95 tons liquid asphalt MC-2 prime coat;
(5) 9370 tons mineral aggregate plant mixed surfacing;
(6) 780 tons mineral aggregate stockpiles;
(7) 470 tons liquid asphalt ROMC-1 plant mixed surfacing;
(8) 565 tons liquid asphalt SC-2 shoulders, ditches and dikes;
(9) 50,300 sq. yds. preparing mixing and shaping shoulders, ditches and dikes;
(10) 18 tons liquid asphalt MC-3 seal coat;
(11) 160 tons sand seal coat;
(12) 34 lin. ft. 8-in. CMP;
(13) 2 each spillway assemblies;
(14) 246 each guide posts.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $105,708.60.
(B) Griffith Co., Los Angeles, $115,-347.00.
(C) Basich Bros., Torrance, $121,933.
(D) Central States Contracting Co., Ltd., Oakland, $125,305.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 2.50	$ 3.00	$ 2.50	$ 3.00
(2)	9.50	10.00	8.00	10.00
(3)	2.38	2.75	2.70	3.00
(4)	24.00	23.00	20.00	25.00
(5)	2.63	2.70	3.20	3.00
(6)	2.45	2.40	3.00	2.50
(7)	23.50	22.00	22.00	25.00
(8)	15.00	16.00	22.00	16.00
(9)	.07	.10	.10	.10
(10)	30.00	23.00	29.00	25.00
(11)	2.50	2.00	2.20	2.50
(12)	1.00	1.00	1.00	3.00
(13)	15.00	14.00	14.00	20.00
(14)	2.50	2.50	2.00	3.00

CONTRACT AWARDED

MINERAL and Esmeralda Counties, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Calif., at $68,459.80 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for surfacing with asphaltic roadmix about 34.62 miles in Mineral and Esmeralda Cos., from California-Nevada State Line to Coaldale.

Jack Casson, Hayward, Calif., at $70,385.70 submitted second low bid.

BIDS OPENED

MODOC and Siskiyou Cos., Calif.—Biasotti-Willard & Biasotti, 40 West Clay St., Stockton, at $144,103.25 submitted the only bid received by State Highway Commission, Sacramento for grading about 5.5 miles in Modoc and Siskiyou Counties, between a point southwest of Tule Lake and Oregon State Line.

Bids were taken as follows:

(1) 2,700 M. gals. water;
(2) 39,400 c.y. rdwy. excav., unclass.
(3) 825 c.y. ditch and channel excav.
(4) 83,500 c.y. imported borrow;
(5) 2,390 c.y. structure excavation;
(6) 288 sta. finishing rdwy.;
(7) 440 c.y. Class A Portland cement concrete structures;
(8) 57,000 lbs. bar reinf. steel struc.;
(9) 90 M ft. b.m. treated Douglas fir timber;
(10) 24 M. ft. b.m. redwood timber dense select all heart structural grade;
(11) 8,610 l.f. furnish, treated Douglas fir piles, including test piles;
(12) 282 each driving treated do;
(13) 364 l.f. 18-in. CMP;
(14) 2,864 l.f. 24-in. CMP;
(15) 234 l.f. 36-in. CMP;
(16) 206 l.f. 54-in. CMP;
(17) 65 l.f. existing CMP culverts removed and salvaged;
(18) 20 l.f. existing CMP culverts removed and relaid;
(19) 75 l.f. laminated guard railing;
(20) 59 each monuments complete in place;
(21) 1 lot existing brdges removed.

Unit bids follow:

(1)	$ 1.25	(2)	$ .22
(3)	1.00	(4)	.90
(5)	1.25	(6)	6.00
(7)	28.00	(8)	.06
(9)	85.00	(10)	95.00
(11)	.70	(12)	15.00
(13)	2.50	(14)	3.25
(15)	6.00	(16)	12.00
(17)	2.00	(18)	3.00
(19)	1.25	(20)	3.00
(21)	900.00		

BIDS OPENED

TULARE and Fresno Counties, Cal.—Clyde W. Wood, Box 49, Stockton, at $12,930 submitted low bid to State Highway Commission, Sacramento, for about 34.9 miles road mix surface treatment on existing shoulders in Tulare and Fresno Counties, between Visalia and Orange Cove and between Visalia and Wood Lake.

The work involves:

(1) 620 tons liquid asphalt, Type SC-2
(2) 153,000 sq. yds. preparing, mixing and shaping shoulders.

Total bids follow:

(A) Clyde W. Wood, Stockton, $12,930
(B) E. A. Forde, San Anselmo, $13,-850.00.
(C) Oilfields Trucking Co., Bakersfield, $15,028.00.
(D) Stewart and Nuss, Inc., Fresno, $15,173.00.
(E) Basich Bros., Torrance, $15,380.
(F) John Jurkovich, Fresno, $16,620.
(G) A. Teichert & Son, Inc., Sacramento, $17,767.

Unit bids follow:

	(1)	(2)
(A)	$ 9.75	$.045
(B)	10.00	.05
(C)	11.90	.05
(D)	10.90	.055
(E)	10.00	.06
(F)	12.00	.06
(G)	13.85	.06

COMPLETE BID LISTING.

LYON COUNTY, Nev.—Jack Casson, 319 Warren St., Hayward, Cal., at $5185 submitted low bid and awarded contract by Nevada State Highway Directors, R. A. Allen, State Highway Engr., Carson City, July 20, for construction of a portions of State Highway System in Lyon County from Wabuska to 8½ miles north, a length of 8.54 miles, involving 6,100 cu. yds. crushed stone surfacing.

Complete bids follow:

(A) Jack Casson, Hayward: (1) $0.85 per ton; (2) total, $5,185.
(B) Isbell Const. Co., Reno: (1) $1.35; (2) $8,235.
(C) Pacific Const. Co., San Francisco (1) $1.44; (2) $8,784.
(D) Engineer's estimate: (1) $1.00; (2) $6,100.

LOW BIDDER

MONTEREY COUNTY, Calif.—Gilmore Oil Co., 2423 E 28th St., Los Angeles, at $6,669 submitted low b to the Division of Highways, L. Gibson, District Engineer, 50 Higue St., San Luis Obispo, for treati shoulders with liquid asphalt on abo 37.2 miles in Monterey County b King City and San Ardo and betwe Salinas and Monterey - Santa Cr County Line.

COMPLETE BID LISTING

SAN DIEGO COUNTY, Cal.—Mo gan Bros., 5919 Maywood Ave., Hun ington Park, at $11.25 per ton, tota $5625 submitted low bid to the Divisi of Highways, E. E. Wallace, Distri Engineer, 310 Nnion Bldg., San Dieg July 23, for treating with liquid a phalt about 20.8 miles in San Dieg County, between Descanso and Julia involving about 500 tons liquid a phalt, Type SC-3.

Complete bids follow:

Morgan Bros., (1) $11.25; total, 5625.

Square Oil Co., (1) $12; total, $6000.

Paulsen & March, $12.23; total, $611

Gilmore Oil Co., (1) $12.98; tota $6490.

COMPLETE BID LISTING

IMPERIAL COUNTY, Cal.—Morga Bros., 5919 Maywood Ave., Hunting ton Park, at $8.73 per ton, total $8 380.85 submitted low bid to the Divisio of Highways, E. E. Wallace, Distri Highways, E. E. Wallace, Distri Engineer, 310 Union Bldg., San Dieg July 23, for treating with liquid as phalt about 40.2 miles in Imperi County, between Bond's Corner an Niland, involving about 960 tons liquid asphalt, Type SC-2.

Complete bids follow:

Morgan Bros., (1) $8.73; total, $8380.8

Gilmore Oil Co., (1) $8.90, totalfi $854

Paulsen & March, (1) $9.97; total, $9.9 571.20.

Square Oil Co., (1) $10.50; total, $10, 080.

BIDS OPENED

KINGS and Tulare Counties, Cal.—Stewart & Nuss, Inc., 410 Thorne Av. enue, Fresno ,at $13,397.50 submitte low bid to the State Highway Com mission, Sacramento, for applyin seal coat treatment on about 20 miles in Kings and Tulare Counties between one mile east of Corcora and Tulare and between Lindsay an 4.3 miles west.

The work involves:

(1) 230 tons liquid asphalt, 90-95;
(2) 2,750 tons screening.

Total bids follow:

(A) Stewart & Nuss, Inc., Fresno $13,397.50.
(B) E. A. Forde, San Anselmo, $13. 979.00.
(C) Palo Alto Road Materials Co Palo Alto, $14,073.00.
(D) Clyde W. Wood, Stockton, $14. 107.50.
(E) L. A. Brisco, Arroyo Grande, $14 229.50.
(F) A. Teichert & Son, Inc., Sacra mento, $14,650.50.
(G) Oilfields Trucking Co., Bakers field, $18,415.00.

Unit bids follow:

	(1)	(2)
(A)	$17.00	$3.45
(B)	16.30	3.72
(C)	16.35	3.75
(D)	16.50	3.75
(E)	17.15	3.74
(F)	21.85	3.50
(G)	21.00	4.94

CONTRACT AWARDED

MINERAL COUNTY, Nevada—Jac Casson, 319 Warren St., Hayward Calif., at $15,111.20 submitted low bi and awarded contract by the Nevad State Highway Directors, Robert A Allen, State Highway Engineer, Ca son City, for surfacing with asphalti roadmix about 8.48 miles in Minera County between 3.3 miles west o

uning and 12.8 miles east of Hawnorne.

D. B. Lee, San Leandro, Calif., at 5,209.60 submitted second low bid.

IDS WANTED

EL DORADO COUNTY, Cal.—Until ugust 14, 2 P. M., bids will be reived by the State Highway Commion, Sacramento, for installing corgated metal pipe culverts, perforat- metal pipe underdrains, and spillay assemblies on about 7.9 miles in Dorado County, between Kyburz d Strawberry.

The work involves:

) 2,500 c.y. struc. excavation;
) 2,000 c.y. rock filling material (underdrains);
) 3 c.y. rubble masonry;
) 898 l.f. 8-in. CMP;
) 136 l.f. 18-in. CMP;
) 9,764 l.f. 8-in. perf. metal pipe;
) 18 spillway assemblies.

NOTE: The state will furnish CMP, erforated metal pipe, spillway asemblies, and special pipe fittings for se on this project as more explicitly t forth in the special provisions.

Plans and specifications obtainable om the above office and on file at he office of the District Engineer in an Francisco, Los Angeles, and the istrict in which the work is situated.

OMPLETE BID LISTING

SAN LUIS OBISPO COUNTY, Cal. . A. Brisco, Arroyo Grande, at $16.10 er ton, total $11,672.50 submitted low d to the Division of Highways, L. H. lbson, Dist. Engr. 50 Higuera S.treet, an Luis Obispo, for treating with quid asphalt about 34.2 miles in San uis Obispo County between 1.75 and 35 miles east of Cambria, between ile 3.95 and mile 11.70, between oute 56 and 4.7 miles east, and beveen 5.15 miles east of Santa Marrita and 1 mile east of Pozo.

James S. Butler, San Luis Obispo, t $19 per ton, total $13,775 submitted e only other bid.

ONTRACTS AWARDED

PETALUMA Sonoma Co., Cal.—Conacts for furnishing materials and pplies necessary to improve Main St. widening and paving between ashington St. and the northely city mits, have been awarded by the Petluma City Council, Gladys V. Robrts, City Clerk, as follows:

L. Lorentzen, Petaluma, $1.25 per n for rock; $1.35 per ton for sand.

Crescent Electric Co., 1167 Harrison t., San Francisco: $21.10 per 100 onduit; 5% 10 days discount.

Hunt & Behrens, Inc., Petaluma: .7625 per sack for Portland cement, igh early strength; 10c sack credit; ½c 15 days.

California Corrugated Culvert Co., h and Parker Sts., Berkeley; $91.96, ent St.; $91.96, West St.; $109.87, lary St.; $70.79; Bridge St.; for part ircle corrugated iron culverts, comlete.

The other bids were:

Hein Bros. Basalt Rock Co., Petaluma: $1.45 per ton for rock; $1.65 er ton for sand.

Lavenson & Savasta: $21.39 per 100 . for conduit.

Westinghouse Elec. Supply Co., $21.-2 per 100 ft. for conduit.

PORTLAND CEMENT

M. Vonsen Co., Petaluma: $0.75 per ack; $0.08 sk. cr.; 2½c 15 days.

G. P. McNear Co., Petaluma: $0.7675 0.08 sk. cr.; 2½c 15 days.

Golden Eagle Milling Co., $0.815; lt., 400 sacks or more, $0.775; 10c sk. r.; 2½ 15 days.

M. J. Molseed: $0.775; 10c sk. cr.; c 10 days.

Diamond Match Co.; $0.795; $0.09 k. cr.; 2½c 15 days.

Sterling Lumber Co.: $0.805; 10c sk. r.; 2½ 10 days.

ALAMEDA COUNTY—0.9 Mi. Grade and Pave —(State)

ALAMEDA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $103,826.65 on Alt. A, submitted low bid to the State Highway Commission, Sacramento, for grading and paving with Portland cement concrete and asphalt concrete about 0.9 mile in the City of Oakland, on 38th St. and Moss Ave., between Market St. and Broadway.

Bids were taken as follows:

(1) 1 lot buildings to be demolished and removed;
(2) 1,400 c.y. salvaged base material
(3) 300 c.y. structure excavation;
(4) 75 c.y. Class A Portland cement concrete structures;
(5) 9 each Type B catchbasins;
(6) 12 each Type B storm water inlets;
(7) 24 each new manholes;
(8) 11 each existing manholes to be adjusted to grade;
(9) 2 each lampholes;
(10) 2,450 l.f. 8-in. vitrified sewer pipe
(11) 180 l.f. 10-in. do;
(12) 1,290 l.f. 12-in. do;
(13) 1,500 l.f. 15-in. do;
(14) 65 l.f. 18-in. do;

Alternative Items
Alternate A

(15) 23,700 c.y. rdwy. excav., unclass.;
(16) 11,820 tons imported base material;
(17) 12,260 tons asphalt concrete;
(18) 31,700 sq. yds. asph. paint binder
(19) 1,090 c.y. Class A Portland cement concrete pavement;
(20) 2,200 each pavement dowels;
(21) 960 c.y. Class A Portland cement sidewalks, curbs and gutters;
(22) 11,000 lbs. bar reinf. steel pavement and structures.

Alternate B

(23) 21,930 c.y. rdwy. excav., unl.;
(24) 7,720 tons imported base material;
(25) 1,200 tons asphalt concrete;
(26) 4,300 sq. yds. asph. paint binder
(27) 6,660 c.y. Class A Portland cement concrete pavement,
(28) 9,250 each pavement dowels;
(29) 690 c.y. Class A Portland cement sidewalks, curbs and gutters;
(30) 39,100 lbs. bar reinf. steel pavement and structures.

NOTE: Alternative A sets forth the necessary items for the construction of the central width of pavement with asphalt concrete. Alternative B sets forth the necessary items for the construction of the entire pavement with Portland cement concrete except connecting areas at street intersections.

Total bids follow:

(A) Peninsula Paving Co., San Francisco: (Alt. A) $103,826.65; (Alt. B) $120,999.25.
(B) N. M. Ball Sons, Berkeley, and J. Catucci, Oakland: (Alt. A) no bid; (Alt. B) $106,969.70.
(C) Union Paving Co., San Francisco: (Alt. A) $113,291.50; (Alt. B) no bid.
(D) Heafey-Moore Co., Oakland: (Alt A) $113,566.25; (Alt. B) no bid.
(E) Fredrickson & Watson Const. Co. and Fredrickson Bros., Oakland: (Alt. A) $113,743.40; (Alt. B) $119,-309.40.
(F) Southern California Roads Co., Los Angeles: (Alt. A) $123,748; (Alt. B) no bid.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 600.00	$ 500.00	$ 500.00	$ 500.00	$ 250.00	$ 620.00
(2)	.65	.70	.80	.35	.62	.90
(3)	1.20	1.50	1.50	.90	1.25	1.75
(4)	20.00	20.00	16.00	17.50	19.00	22.00
(5)	110.00	90.00	150.00	90.00	120.00	200.00
(6)	75.00	65.00	100.00	65.00	100.00	100.00
(7)	95.00	80.00	80.00	80.00	80.00	90.00
(8)	6.00	7.00	10.00	10.00	18.00	10.00
(9)	25.00	20.00	15.00	20.00	25.00	20.00
(10)	1.45	1.20	1.00	1.15	1.50	.90
(11)	1.90	1.60	1.60	1.55	1.50	1.10
(12)	2.20	2.00	1.50	1.85	1.70	1.25
(13)	2.65	2.25	1.80	2.20	2.00	1.70
(14)	3.55	3.00	2.50	2.95	2.90	2.50
Sub. Total	$18,594.25	$16,490.00	$ 15,415.50	$	$ 16,692.50	$ 16,093.00
(15)	.35		.50	.60	.70	.55
(16)	.69		1.00	1.00	.70	1.00
(17)	3.52		3.75	4.00	3.74	4.40
(18)	.002		.03	.002	.02	.003
(19)	10.40		10.00	9.50	9.53	10.50
(20)	.22		.50	.15	.18	.20
(21)	13.80		15.00	12.00	15.00	16.00
(22)	.045		.08	.04	.045	.06
(Alt. A)	$103,826.65	$	$113,291.50	$112,566.25	$113,743.40	$123,748.00
(23)	.40	.50			.70	
(24)	.75	.66			.70	
(25)	3.70	4.70			4.20	
(26)	.02	.02			.02	
(27)	10.50	8.70			9.55	
(28)	.25	.16			.18	
(29)	13.50	11.25			15.00	
(30)	.045	.04			.045	
(Alt. B)	$120,999.25	$106,969.70	$		$119,309.40	$

NOTE: Total bids for Peninsula Paving Co. previously were reported incorrectly.

1-10 HP Kane Gas Fired Boiler
1-15 HP Kane Gas Fired Boiler

1-5800 gal. Vertical Steel Storage Tank
10′ dia x 10′ high ⅜″ plate

OCEAN SHORE IRON WORKS
MArket 0462 550 EIGHTH ST. SAN FRANCISCO

SANTA CLARA COUNTY — UNDERPASS — (STATE)

SANTA CLARA COUNTY, Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at $103,850 submitted low bid to the State Highway Commission, Sacramento, for constructing an undergrade crossing under the tracks of the Southern Pacific Railroad, one and one-half miles south of Agnew, consisting of two concrete abutments with wing walls and approximately 0.29 mile roadway to be graded and paved with Portland cement concrete.

The work involves:

(1) 28,000 c.y. rdwy. excav., unclass.
(2) 1,100 c.y. structure excavation;
(3) 1,910 c.y. imported borrow;
(4) 400,000 sta. yds. overhaul;
(5) 7,800 sq. yds. subgrade for pavement;
(6) 800 tons crusher run base;
(7) 6 tons liquid asphalt SC-1A subgrade treatment;
(8) 10 tons Grade E asphalt do;
(9) 1,365 c.y. Class A Portland cement concrete standard pave.;
(10) 3,080 c.y. Class B Portland cement concrete thick pavement;
(11) 320 c.y. Class A Portland cement concrete sub-slab;
(12) 1,872 each pavement dowels;
(13) 99,000 lbs. bar reinf steel;
(14) 870 c.y. Class A Portland cement concrete structures;
(15) 340 c.y. Class B do;
(16) 6,960 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(17) 174 each driving do;
(18) 340 c.y. Class A Portland cement curbs, gutters and sidewalks;
(19) 1,300 l.f. pipe handrail;
(20) 1,350 l.f. new wire mesh fence;
(21) 1,450 l.f. new barbed wire fence;
(22) 5 each drive gates;
(23) 5,500 sq. yds. membrane waterproofing;
(24) 48 l.f. 8-in. CMP;
(25) 150 l.f. 12-in. CMP;
(26) 16 l.f. 18-in. CMP;
(27) 2,420 l.f. 8-in. perf. metal pipe;
(28) 940 l.f. 12-in. cast iron pipe;
(29) 200 c.y. rock filling material;
(30) 1,530 l.f. copper strips;
(31) 1,200 lbs. misc. steel;
(32) 1 lot drainage pumping equip.;
(33) 1 lot irrigation pumping equip.;
(34) 1 lot irrigation distribution system;
(35) 1 lot misc. items of work.

Total bids follow:

(A) Earl W. Heple, San Jose, $103,850.
(B) J. F. Knapp, Oakland, $116,164.
(C) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, $123,240.
(D) Healy-Tibbitts Constr. Co., San Francisco, $124,458.14.
(E) Eaton & Smith, San Francisco, $125,480.90.
(F) Hanrahan - Wilcox Corp., San Francisco, $131,623.34.
(G) Peninsula Paving Co., San Francisco, $137,024.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .27	$ .50	$ .40	$ .50	$ .41	$ .40	$ .40
(2)	1.00	1.75	1.25	1.75	.80	1.25	1.65
(3)	.60	1.00	1.00	1.00	1.10	1.00	.75
(4)	.005	.002	.005	.005	.007	.005	.006
(5)	.10	.12	.10	.12	.20	.09	.09
(6)	2.50	2.50	2.30	1.50	3.33	3.20	2.35
(7)	30.00	20.00	15.00	20.00	24.00	21.00	17.00
(8)	40.00	25.00	22.00	22.00	30.00	27.00	26.00
(9)	9.00	9.00	10.45	10.00	10.50	11.00	12.50
(10)	7.75	8.50	9.77	10.00	9.25	11.00	11.50
(11)	11.00	9.00	11.30	20.00	11.40	11.50	14.00
(12)	.35	.25	.40	.12	.45	.37	.40
(13)	.04	.04	.045	.035	.05	.05	.05
(14)	13.00	15.50	14.50	15.00	14.50	18.00	18.50
(15)	12.00	11.00	13.65	14.50	16.50	16.00	15.50
(16)	.60	.45	.55	.40	.60	.45	.65
(17)	15.00	10.00	15.00	20.00	15.00	12.50	12.00
(18)	12.00	15.00	16.00	15.00	13.25	18.00	15.50
(19)	2.25	2.00	3.00	2.00	2.40	2.20	2.30
(20)	.09	.10	.12	.20	.20	.15	.20
(21)	.06	.10	.10	.15	.17	.10	.13
(22)	18.00	20.00	18.00	12.00	12.50	20.00	26.00
(23)	.60	.70	.60	.50	.80	.72	.75
(24)	1.00	1.00	1.00	1.00	1.00	1.00	1.20
(25)	1.25	1.50	1.50	1.25	1.25	1.50	1.40
(26)	2.00	2.00	2.00	2.50	2.50	1.70	1.75
(27)	2.00	1.00	1.00	1.00	1.00	.90	1.05
(28)	2.40	2.50	3.00	2.50	3.20	3.00	2.80
(29)	2.25	2.50	2.20	2.00	3.00	3.00	2.80
(30)	.70	.60	.60	.85	.85	1.00	1.05
(31)	.25	.15	.18	.10	.12	.20	.18
(32)	2100.00	750.00	3300.00	2100.00	2749.00	3000.00	2950.00
(33)	700.00	1500.00	900.00	900.00	1024.00	1250.00	1000.00
(34)	1550.00	1500.00	2100.00	1500.00	1733.00	1400.00	1120.00
(35)	500.00	4000.00	500.00	1000.00	400.00	620.00	700.00

ARISS - KNAPP CO.

CONTRACTORS

STEAM SHOVEL WORK — GRADING
EXCAVATING — MOTOR TRUCKING

Phone PIedmont 0436

961 Forty-first Street - Oakland, Calif.

AWARD RECOMMENDED

SAN DIEGO COUNTY, Cal.—Aw of a contract to J. E. Haddock, L 357 N. Chester Ave., Pasadena, $203,682.40 for grading and plac subgrade reinforcement on 10.985 of Sections C and D of Route 73, Laguna National Forest Highw Cleveland National Forest, San Di County, has been recommended District Engineer C. H. Sweetser, S. Bureau of Public Roads .San Fr cisco.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. Purcell, State Highway Engineer, announced the cost of blue line pri for the State Highway work now vertised.

A blue line print of the title sh of the plans showing the general cation of work will be furnished f with the Special Provisions. B prints of the layout and bridge de sheets will be furnished at cost become the property of the purcha

The following table shows the c of such blue prints for the work r advertised, bids to be opened in Angeles on August 8:

VII - L.A-2 - L.A, Sunset Blvd. La Veta Terrace and Santa Mon Blvd.: PLANS (No. of Sheets) (Cost) $2.20; CROSS-SECTIONS (of Sheets) 35; (Cost) $3.50; (Tot $5.70.

VIII-Riv-74,78,19-ABCD-C,D-B, tween Corona and southerly bound and between Riverside and Elsinc No Plans or cross-sections.

Checks for the above should made payable to the Department Public Works, Division of Highwa and should accompany requests plans, specifications and propo forms to the office of the State Hi way Engineer, P. O. Box 1499, Sac mento.

LOW BIDDER

SAN BERNARDINO COUNTY, C —Paulsen & March, 8725 Compt Ave., Los Angeles, at $7.65 per t total $1224 submitted low bid to Division of Highways, E. Q. Sulliv District Engineer, 247 Third St., S Bernardino, July 22, for treating w liquid asphalt about 7.2 miles betw Summit Station and the West Fork the Mojave River on the Cajon-L Arrowhead Road, involving 160 t liquid asphalt.

BIDS WANTED

CONTRA COSTA COUNTY, Ca Until August 5, 11 A. M., bids will received by the Contra Costa Cou Board of Supervisors, S. C. We Clerk, Hall of Records, Martinez, constructing 1100 ft., more or less, cement sidewalk on Stockton St., S Pablo.

Plans and specifications obtaina from the above office and from office of County Surveyor R. R. nold.

BIDS OPENED

KLAMATH CO., Oregon—A. Mil 7253 N. E. Broadway, Portland, $131,061 submitted low bid to the S. Bureau of Public Roads, W. Lynch, District Engineer, 316 N Postoffice Bldg., Portland, July 19, surfacing 12.308 miles on Crater L National Park, Rim Road, in Cra Lake National Park, Klamath Coun Oregon.

Complete bids follow:

A. Milne, Portland $131,
Edlefsen-Weygandt Co., Portland $142,
A. C. Greenwood & F. J. Dussault, Portland 154,
A. O. Dail and Warren Bros., Aberdeen, Wash. 154,
Newport Const. Co. and Kern & Kibbe, Portland 158,

Homer G. Johnson, Portland .. 151,024
Dunn & Baker, Klamath Falls 163,956
Bids held under advisement.

BIDS WANTED

NEVADA AND PLACER COS., Cal. —Until August 14, P. M., bids will be received by the State Highway Commission, Sacramento, for installing perforated metal pipe underdrains and corrugated metal pipe culverts on about 3.7 miles in Nevada and Placer Counties between ½ mile west of Soda Springs and Donner Summit.

The work involves:

1) 5,000 c.y. struc. excavation;
2) 3 c.y. concrete removed and disposed of;
3) 39 c.y. Class A Portland cement concrete (structures);
4) 4,350 lbs. bar reinf. steel;
5) 696 l.f. 18-in. CMP;
6) 38 l.f. 30-in. CMP;
7) 14,600 l.f. 8-in. perforated metal pipe underdrains;
8) 3,600 c.y. rockfilling material (underdrains);
9) 62 l.f. CMP culverts, removed & cleaned and salvaged;
10) 32 each culvert markers.

NOTE: The state will furnish corrugated metal pipe and perforated metal pipe for underdrains for use on this project as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

NAPA COUNTY, Cal.—Basalt Rock Co., Inc., 900 8th St., Napa, at $15.05 per ton, total $3,913 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg. San Francisco, for treating with liquid asphalt about 23 miles in Napa County between Wooden Valley Junction and Napa-Yolo County Line, involving about 260 tons liquid asphalt, type SC-3.

Hayward Bldg. Materials Co., Hayward, at $16.85 per ton, total $4,381 submitted the only other bid.

BIDS WANTED

REDWOOD CITY, San Mateo Co., Cal.—Until August 1, 7 P. M., bids will be received by the Trustees of the Redwood City Elementary School District, C. G. Uhlenberg, Clerk, at McKinley Elementary School, Duane and James Sts., for constructing, repairing and resurfacing with emulsified asphalt wearing surface the existing paved portion of the playgrounds at the McKinley Elementary School. Specifications obtainable from above office.

LOW BIDDER

KERN COUNTY, Calif.—Palo Alto Road Materials Co., Ltd., 465 California Ave., Palo Alto, at $2,537.82 submitted low bid to the Division of Highways, R. M. Gillis, District Engineer, State Highway Bldg., Fresno, for applying a seal coat on about 4.3 miles in Kern County between 4.3 miles west of Buttonwillow and Buttonwillow.

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $12.40 per ton, total $2170 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for treating with liquid asphalt about 19.1 miles in Contra Costa County, between Park boundary near Danville and the Summit, bet. the Forks and to Toll House near Walnut Creek, Mt. Diablo Park Road.

KERN COUNTY — 1 Mi. Grade and Pave — (State)

KERN COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $96,769.60 on Alternate A, and at $94,994.60 on Alternate B, submitted low bid to the State Highway Commission, Sacramento, for grading and paving with either asphalt concrete or Portland cement concrete about one mile and constructing reinforced concrete underpass abutments, between one mile south of Delano and Delano, Kern County.

Bids will be taken as follows:

(1) 1175 M. gals. water;
(2) 40,000 cu. yds. roadway excavation without class.;
(3) 31,000 sta. yds. overhaul;
(4) 1000 cu. yds. struct. excav.;
(5) 9900 cu. yds. imported borrow;
(6) 46 sta. finishing roadway;
(7) 420 tons mineral aggregate road-mix surfacing;
(8) 125 tons SC-2 liquid asphalt road mix surfacing and shoulder treatment;
(9) 14,000 sq. yds. preparing mixing and shaping road mix surfacing shoulders;
(10) 59,000 lbs. bar reinf. steel structs.
(11) 55 cu. yds. Class A Portland cement concrete structures;
(12) 1000 cu. yds. Class B Portland cement concrete;
(13) 650 cu. yds. Class A Portland cement concrete slope paving;
(14) 1090 lin. ft. 12-in. CMP;
(15) 36 lin. ft. 15-in. CMP.;
(16) 52 lin. ft. 18-in. CMP.;
(17) 3200 lin. ft. 8-in. pref. metal pipe underdrains;
(18) 232 cu. yds. rock filling material underdrains;
(19) 1120 lin. ft. 12-in. plain concrete pipe;
(20) 212 cu. yds. Class A Portland cement concrete curbs and sidewalks;
(21) 1140 lin. ft. laminated timber guard rail;
(22) 1.0 mile new property fence;
(23) 6 each fence gates;
(24) 30 each monuments complete in place;
(25) 1890 lbs. cast steel frames and covers for catchbasins;
(26) 1 lot misc. items of work;
(27) 1 lot pumping equipment;

Alternative Items

Alternative A

(28) 20 cu. yds. exist. pavement removed and disposed of;
(29) 17,800 sq. yds. preparing subgrade for pavement;
(30) 700 sq. yds. asphalt paint binder;
(31) 7840 tons asphalt concrete;

Alternative B

(32) 150 cu. yds. existing pavement removed and disposed of;
(33) 40 tons grade E asphalt cement subgrade treatment;
(34) 18,650 sq. yds. preparing subgrade for pavement;
(35) 3715 cu. yds. Class A Portland cement concrete pavement;
(36) 9400 lbs. bar reinf. steel pave.;
(37) 5050 each pavement dowels.

Total bids follow:

(A) Griffith Co., Los Angeles (Alt. A) $96,769.60; (Alt. B) $94,994.60.
(B) Basich Bros., Torrance, (Alt. A) $105,515.80; (Alt.B) $114,552.90.
(C) Hanrahan - Wilcox Corp., San Francisco (Alt. A) $109,752.90; (Alt. B) $114,552.90.
(D) Fredrickson & Watson and Fredrickson Bros., Oakland, (Alt. A) $112,942.35; (Alt. B) $109,749.85.
(E) Peninsula Paving Co., S. F. (Alt. A) $119,821.76; (Alt. B) $109,752.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ 1.50	$ 2.00	$ 1.25	$ 1.20
(2)	.25	.28	.38	.35	.425
(3)	.004	.05	.01	.01	.03
(4)	.80	1.00	.75	1.00	1.40
(5)	.35	.45	.35	.38	.41
(6)	6.00	5.00	6.00	7.00	12.50
(7)	2.20	3.00	3.00	2.85	2.84
(8)	10.00	10.00	11.50	11.00	12.70
(9)	.08	.08	.06	.055	.055
(10)	.04	.04	.053	.055	.053
(11)	27.00	22.00	23.00	22.00	14.40
(12)	12.00	14.50	14.00	13.64	15.20
(13)	13.00	14.50	17.00	14.26	14.55
(14)	1.20	1.25	1.10	1.20	1.50
(15)	1.50	1.45	1.50	1.60	1.90
(16)	2.00	1.90	1.80	1.85	2.30
(17)	1.80	1.20	.90	1.00	1.20
(18)	3.90	4.00	4.00	3.00	3.23
(19)	.60	.65	.50	1.25	.90
(20)	13.00	14.50	18.00	15.30	16.00
(21)	1.00	1.25	.90	1.00	1.35
(22)	450.00	450.00	450.00	350.00	690.00
(23)	15.00	15.00	22.00	15.00	27.00
(24)	2.00	2.50	3.00	3.00	3.50
(25)	.12	.12	.12	.18	.14
(26)	700.00	150.00	500.00	500.00	1100.00
(27)	2200.00	24,502.00	3000.00	2300.00	3275.00
Sub Total	57,306.60	66,424.80	70,433.90	66,410.35	76,153.76
		ALTERNATE A			
(28)	1.50	2.50	2.50	2.50	4.00
(29)	.10	.10	.09	.10	.11
(30)	.03	.03	.05	.02	.04
(31)	4.80	4.75	4.80	5.70	5.30
Alt. A	96,769.60	105,545.80	109,752.90	112,942.35	119,821.76
		ALTERNATE B			
(32)	1.50	2.50	1.25	2.50	4.00
(33)	25.00	18.00	25.00	19.00	22.25
(34)	.10	.10	.09	.10	.11
(35)	9.00	9.25	10.70	10.50	11.25
(36)	.07	.075	.09	.045	.055
(37)	.10	.12	.13	.18	.20
Alt. B	94,994.60	105,059.55	114,552.90	109,746.85	109,752.90

involving about 175 tons of liquid asphalt, Type SC-2.

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto, (1) $12.40 per ton; (2) total, $2170.

Hayward Building Materials Co., Hayward, (1) $13.90; (2) $2432.50.

Ransome Co., Emeryville, (1) $14.50; (2) $2537.50.

Lee J. Immel, Berkeley, (1) $14.90; (2) $2607.50.

BIDS WANTED

CHELAN COUNTY, Wash.—Until July 31, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for constructing 1.581 miles of the Stevens Pass Highway Reconstruction Grading Project 8-A5, National Forest Project, located within the Wenatchee National Forest, Chelan County.

The work involves:

(1) 10 acres grubbing;
(2) 145,000 cu. yds. unclassified excavation;
(3) 100,000 sta. yds. overhaul;
(4) 1,581 mi. finish earth graded road
(5) 7000 lin. ft. rounding of cut slopes
(6) 340 cu. yds. Class A concrete;
(7) 3000 cu. yds. mi. cushion haul;
(8) 34,200 lbs. reinforcing steel;
(9) 500 lin. ft. culverts (Alternate);
(10) 250 lin. ft. extra strength reinforced concrete pipe;
(11) 5000 cu. yds. overruns in slides and overbreakage;
(12) Lump sum, old road obliteration.

Plans and specifications obtainable from the above office upon deposit of $10.

BIDS WANTED

STATE OF WASHINGTON—Until August 6, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

YAKIMA AND KITTITAS COUNTIES: Constructing about 13.598 lin. ft. of cable guard rail at 28,205 lin. ft. of metal guard rail on about 11.2 mi. of State Road No. 5, Oak Flat to Chinook Pass, P. W. Project 7715.

GRAYS HARBOR COUNTY: Grading, surfacing with crushed stone and constructing treated timber trestles on about 11 miles of State Road No. 9, Humptulips to Quinault, P. W. Project 8030, involving about 53 acres clearing; 97,710 cu. yds. excavation; 37,980 cu. yds. selected roadway borrow; 15,370 cu. yds. crushed stone surfacing; 145 cu. yds. concrete; 12 M.B.M. timber and lumber, untreated; 212 M.B.M. timber and lumber, treated. 2226 lin. ft. pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

COMPLETE BID LISTING

COCONINO COUNTY, Arizona—Lee Moor Constr. Co., 807 Bassett Tower Bldg., El Paso Texas, at $25,830, as previously reported, submitted low bid to the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing a seal coat on Section H of Route 1, all of Route 10, Grand Canyon National Park, and on Sections A, B, C, D and E of the Cameron-Desert View Approach to Grand Canyon National Park, Cococino County. The length of the project is 31.969 miles.

The work involves:

(1) 372 tons applying asphaltic material;
(2) 2700 cu. yds. screenings for seal coat.

The bids were:

Lee Moor Contracting Co., (1) $15.00; (2) $7.50; total, $25,830.

SAN FRANCISCO—Hayes Valley Main Extension—(City)

SAN FRANCISCO. — Pacific States Construction Co., 708 Call Bldg., at $55,840.25 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,847, for installation of the Hayes Valley Extension, Auxiliary Water Supply System for fire protection.

The work is located as follows:

Laguna St. between Pacific Avenue and Haight St.;
Fell Street between Fillmore and Webster Streets;
Webster Street between Fell and Hayes Streets;
Hayes Street between Webster and Franklin Streets;
Franklin Street between Grove and Hayes Streets;
Haight Street between Fillmore and Laguna Streets.

Bids were taken as follows:

Cast Iron Pipe and Special Castings In Place

(1) 24 l.f. 18-in. Class G bell and spigot, plain;
(2) 3990 l.f. 12-in. Class G bell and spigot, plain;
(3) 410 l.f. 12-in. Class G bell and spigot, lugged;
(4) 1480 l.f. 12-in. Class F bell and spigot, plain;
(5) 100 l.f. 12-in. Class F bell and spigot, lugged;
(6) 1410 l.f. 12-in. Class E bell and spigot, plain;
(7) 230 l.f. 12-in. Class E bell and spigot, lugged;
(8) 4550 l.f. 10-in. Class G bell and spigot, plain;
(9) 530 l.f. 10-in. Class G bell and spigot, lugged;
(10) 335 l.f. 8-in. Class G bell and spigot, lugged;
(11) 60 l.f. 8-in. Class F bell and spigot, lugged;
(12) 1 16-inch gate valve, in place;
(13) 21 10-in. do;
(14) 26 8-in. do;
(15) 26 stand. hp. hydrants, in place;
(16) 70,000 lbs. pig lead, furnished a delivered;
(17) 20,000 lbs. cast steel special cas inga, furnished and delivered;
(18) 90,000 lbs. cast iron special cas ings, furnished and delivered;
(19) 25,000 cast iron valves box frames, covers, dust pans manholes and valves boxes, fu nished and placed;
(20) 17,500 lbs. wrought iron bol nuts and washers, furnished placed;
(21) 800 lbs. reinforcing steel, furnis ed and placed;
(22) 22 c.y. Class B concrete in pla
(23) 7500 c.y. excavation and backfi
(24) 28,000 sq. ft. asphalt - concre pavement (2-6-in.) Class F co crete;
(25) 500 sq. ft. asphaltic conc. wea ing surface (2-in.);
(26) 2500 sq. ft. concrete paveme 6-in. thick;
(27) 800 sq. ft. brick pavement;
(28) 400 sq. ft. basalt rock paveme
(29) 500 sq. ft. concrete sidewalk (c course);
(30) 20 c.y. crushed rock, furnish and placed;
(31) 70 tons bell and spigot pipe double spigot pipe, without lu In classes C to H inc., and nominal dia. of 8- to 18-in. in
(32) 30 tons do with bolting lugs. classes C to H inc. and in no inal dia. of 8- to 18-in. inclus

Note: Items 16 to 32 inclusive; materials, including pipe, shall be fi nished by the Contractor.

Total bids follow:

(A) Pacific States Construction C $55,840.25.
(B) Lowrie Paving Co., $57,211.25
(C) Herman Lawson, $58,998.00.
(D) C. C. W. and H. H. Haun, $5 677.75.
(E) MacDonald & Kahn Co., L $60,605.80.
(F) Eaton & Smith, $61,916.30.
(G) Fay Improvement Co., $67,081.
(H) M. J. Lynch, $67,594.00.
(I) Chas. L. Harney, $69,523.50.
(J) E. J. Treacy, $85,051.95.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J
(1)	$7.00	$15.00	$15.00	$ 8.00	$16.00	$ 9.15	$ 2.87	$ 4.00	$ 7.00	$ 3.
(2)	1.35	1.40	2.50	1.70	1.82	1.83	1.87	2.40	2.70	3.
(3)	1.50	1.85	3.40	1.90	2.48	1.97	1.97	2.40	2.90	3.
(4)	1.35	1.40	2.50	1.60	1.70	1.83	1.87	2.40	2.70	3.
(5)	2.10	2.20	3.40	1.90	2.86	1.97	1.97	2.40	2.90	3.
(6)	1.30	1.50	2.50	1.60	1.70	1.83	1.87	2.40	2.70	4
(7)	1.65	1.90	3.40	1.90	2.90	1.97	1.97	2.40	2.90	3.
(8)	1.30	1.00	2.10	1.50	1.83	1.75	1.87	2.00	2.60	3.
(9)	1.55	3.00	2.50	1.70	2.50	1.90	1.97	2.50	2.70	3.
(10)	3.15	4.00	3.00	4.00	5.53	9.15	1.97	4.00	4.50	3.
(11)	3.30	4.00	3.00	3.50	4.60	9.15	1.97	4.00	4.50	1.
(12)	25.00	50.00	80.00	40.00	85.00	91.00	30.70	60.00	90.00	28.
(13)	18.00	15.00	25.00	25.00	63.00	55.00	27.25	20.00	45.00	20.
(14)	15.00	15.00	15.00	20.00	41.00	44.00	25.00	25.00	35.00	20.
(15)	20.00	10.00	15.00	20.00	46.00	55.00	30.70	30.00	50.00	25.
(16)	.0445	.0445	.02	.0445	.03722	.03	.03	.04	.01	
(17)	18.00	18.00	.08	.18	.15	.18	.18	.18	.18	.
(18)	.05	.05	.03	.05	.045	.05	.05	.05	.01	
(19)	.06	.05	.03	.05	.05	.045	.055	.05	.06	
(20)	.085	.0825	.03	.0825	.0833	.0825	.08	.08	.04	
(21)	.06	.05	.05	.05	.05	.05	.05	.05	.05	
(22)	20.00	20.00	18.50	20.00	20.00	12.00	18.00	30.00	15.00	20
(23)	1.25	1.25	1.25	1.25	1.00	1.00	2.00	1.00	1.50	2
(24)	.19	.25	.16	.20	.18	.17	.20	.25	.18	
(25)	.08	.07	.10	.10	.12	.05	.10	.10	.15	
(26)	.18	.18	.12	.18	.14	.15	.22	.25	.15	
(27)	.65	.50	.50	.40	.43	.40	.34	.40	.40	
(28)	.33	.06	.10	.35	.25	.20	.20	.30	.25	
(29)	.18	.15	.17	.18	.10	.12	.20	.14	.12	
(30)	1.50	1.50	1.00	3.00	2.00	2.00	3.00	3.00	3.00	2
(31)	50.00	48.50	30.00	50.00	40.00	50.00	50.00	50.00	50.00	48
(32)	60.00	58.50	40.00	60.00	50.00	60.00	60.00	60.00	60.00	58

Bids referred to the City Engineer and the PWA.

Pearson & Dickerson, Prescott, Ariz., (1) $12.85; (2) $8.50; total, $27,730.20.
Engineer's estimate, (1) $12.00; (2) $6.00; total, $20,664.
*Net bid on Arizona 4-E2, C2, if also awarded above project, $9272.25. Total if awarded both, $37,002.45.

30—RESERVOIRS & DAMS

BIDS OPENED

BONNEVILLE, Ore.—Pacific Coast Steel Corp., 20th and Illinois Streets, San Francisco, at $398,298 (Alternate B, transportation included) submitted low bid to the U. S. Engineer Office, Second Portland District, Major C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-35-52, for construction and installation of upper and lower miter gates, four Tainter valves, four complete machines for operating miter gates, four complete machines for operating Tainter valves, six floating mooring bitts, floor plates and grating, for the navigation lock at Bonneville Dam.

The work involves:

(1) 1,550,000 lbs. struc. carbon steel;
(2) 1,410,000 lbs. struc. silicon steel;
(3) 16,600 lbs. chrome-nickel steel;
(4) 600 lbs. machine steel;
(5) 520 lbs. cold rolled steel;
(6) 180 lbs. key steel;
(7) 500 lbs. tool steel;
(8) 700 lbs. spring steel;
(9) 14,000 lbs. bolt steel;
(10) 500 lbs. corrosion-resisting steel;
(11) 7,000 lbs. rail steel;
(12) 122,000 lbs. carbon steel forgings;
(13) 15,000 lbs. nickel steel forgings;
(14) 482,000 lbs. carbon steel castings
(15) 500 lbs. nickel steel castings;
(16) 16,600 lbs. iron castings;
(17) 100 lbs. brass castings;
(18) 10,000 lbs. bronze castings;
(19) 1,600 lbs. phosphor bronze;
(20) 1,000 lbs. Tobin bronze;
(21) 2,800 lbs. babbitt metal;
(22) 9,000 lbs. steel pipe;
(23) 1,000 lbs. brass pipe;
(24) 300 lbs. copper plate and wire;
(25) 56,000 lbs. floor plates;
(26) 17,000 lbs. floor grating;
(27) 250 lbs. steel wire cable;
(28) 2,600 lbs. roller chain;
(29) 500 lbs. miscellaneous metal;
(30) 200 lbs. misc. non-metal;
(31) 5 lbs. lubricating fittings;
(32) 1 job lubrication equipment;
(33) 2,100 lbs. rubber seals;
(34) 20 FMBM oak timber;
(35) 1 job miter gate pumping equipment complete;
(36) 1 job gear reducers complete, miter gate machines;
(37) 1 job gear reducers complete, Tainter valve machines;
(38) 1 job electrical equipment complete, miter gates;
(39) 1 job do for Tainter valves;
(40) 6 each floating mooring bitts, assembled complete.

Bids were taken under two alternates as follows:

Alternate "A": Bidders shall quote prices for performing the work, etc., as specified, except that the Government will pay the cost of transporting equipment and materials which are to be made a part of the completed units from bidder's shipping points to Bonneville, Oregon;

Alternate "B": Bidders shall quote prices for performing the work, etc., as specified, with the understanding that all transportation charges from the factory shipping points to Bonneville are included in said prices and will be paid by the bidder.

Total bids follow:

Pacific Coast Steel Corp., S. F.: Alt. A, no bid; Alt. B, $398,298.
Columbia Steel Co., San Francisco: Alt. A, $398,857; Alt. B, $428,210.
Independent Bridge Co., Pittsburgh, Pa.: Alt. A, $425,000; Alt. B, no bid.
Pacific Car & Foundry Corp., Seattle: Alt. A, $508,989; Alt. B, $513,815.

ALLOTMENT REDUCED

SPOKANE, Wash.—A loan and grant of $625,000 for construction of a diversion dam and hydro-electric plant has been reduced to a grant of $193,500 by the PWA at the applicant's request.

LOW BIDDER

CASPER, Wyo.—Winston Bros. Co., 1470 Northwest Bank Bldg., Minneapolis, Minn., at $2,194,007 submitted low bid to the Bureau of Reclamation Casper, under Spec. No. 630, for the construction of the Seminoe Dam and Power Plant, Casper-Alcova Project, near Casper.

31 — PIPE LINES & WELLS

BIDS WANTED

YELLOWSTONE NATIONAL PARK Wyoming Until August 8 2:00 P. M. bids will be received by the National Park Service, Frank A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for the construction in place of a water supply and distribution pipe line system, including an intake and diversion structure; a concrete water storage tank complete with all appurtenances, and 11 reinforced concrete manholes on the distribution main; the system to be complete in every particular, including gate valves, screens, manhole covers, valve wells, water meters,

SAN MATEO—Sewage Disposal System, Unit B—(City)

SAN MATEO, Cal. — W. J. Tobin, 3701 Balfour Ave., Oakland, at $77,470 submitted low bid to the San Mateo City Council for construction of Unit B, the pumping plant and treatment works, for the municipal sewer system.

Bids were taken as follows:

(1) Lump sum, for structures & equipment of the sewage pumping plant and sewage treatment works, complete, Project Unit "B."
(2) Deduct from Item 1 for the sludge drying beds.
(3) Deduct from Item 1 for the oil and screenings surface and asphalt oil and screenings surface;
(4) Deduct from Item 1 for furnishing materials and constructing roadways, walkways and plant site fill, quantities to consist of 5000 cu. yds. of imported fill material only and 1000 cu. yds. of quarry waste rock only instead of the quantities involved in the work as specified;
(5) Deduct from Item 1 for landscaping;
(6) Deduct from Item 1 for the preservative treatment of timber piles;
(7) Deduct from Item 1 for the fence, with gate, around the treatment works;
(8) Deduct from Item 1 for the water reclamation system;
(9) For timber piles over the estimated average length of 40 ft. at cut-off, per lin. ft. of pile.

The bidders were:

(A) W. J. Tobin, Oakland.
(B) H. A. Teget, Ontario.
(C) MacDonald & Kahn Co., Ltd., San Francisco.
(D) Fred J. Early Jr., San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$77,470.00	$80,000.00	$82,928.00	$83,970.00
(2)	3,920.00	4,100.00	3,830.00	3,415.00
(3)	2,750.00	4,450.00	750.00	2,900.00
(4)	1,565.00	1,850.00	2,250.00	1,800.00
(5)	400.00	300.00	350.00	1,180.00
(6)	1,300.00	1,800.00	2,533.00	2,300.00
(7)	1,390.00	1,250.00	1,025.00	1,300.00
(8)	4,073.00	4,975.00	3,260.00	5,000.00
(9)	1.00	1.25	1.25	1.50

The city council adopted the recommendation of City Manager E. P. Wilsey that the contract be awarded to the low bidder at $71,630, omitting items 3, 5, 6 and 7, and referred the bids to PWA with an application for an increase of $4,657 in their grant, making a total of $42,657 PWA funds toward the project.

Reinforcing Steel

Cut, Bent, Delivered and Installed

BUILDING MATERIALS

GUNN, CARLE & CO.

20 Potrero Avenue : San Franicsco

Phone UNderhill 5480

GUNN, CARLE & CO. MANUFACTURERS AGENTS BUILDING MATERIALS

blow-off, etc, completely fabricated and installed in place, including all excavation and backfill, at the Old Faithful Area in Yellowstone National Park.

The work involves:

(1) 6000 lin. ft. 12-in. pipe, soilproofed steel, or special cement pipe (Alt.);
(2) 4500 lin. ft. 10-in. pipe, do;
(3) 750 lnn. ft. 8-in. pipe, do;
(4) 600 lin. ft. 6-in. pipe, cast iron;
(5) 850 lin. ft. 4-in. pipe, cast iron;
(6) 75 lin. ft. 3-in. pipe galvanized steel;
(7) 900 lin. ft. 2-in. pipe, galvanized steel;
(8) 80 cu. yds. reinforcing concrete;
(9) 25 cu. yds. rubble masonry;
(10) 10,000 lbs. reinforcing steel.

Plans and specifications obtainable from the above office or from Superintendent Roger W. Toll, Yellowstone National Park, Wyoming, upon deposit of $10.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SAN FRANCISCO.—Until August 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 51, City Hall, under Spec. No. 18,854, for construction of sewers and appurtenances in La Grande Ave. between Mansfield and Felton Sts.; in Burrows St. between Mansfield and Knox Sts.; in Mansfield St. between Burrows St. and La Grande Ave.; and in Felton St. between La Grande Ave. and Knox St. Estimated cost, $3,000.

The work involves:

(1) 365 l.f. 8-in. VCP sewer in place;
(2) 465 l.f. 12-in. do;
(3) 10 8x6-in. wye branches in place;
(4) 25 12x6-in. do;
(5) 5 brick manholes, complete;
(6) 1 lamp hole, complete.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

LOS ANGELES, Cal.—F. W. Weber, 8442 California Ave., South Gate, awarded contract by the Los Angeles board of public works, July 19, at $12-500 (using Rensselaer valves and cast iron pressure pipe), for furnishing and installing a pumping plant, pumps and piping, and sludge piping system for the Terminal Island sewage treatment plant, Terminal Island, San Pedro (cash contract) PWA Proj. No. 5633. Unit No. 3B.

FUNDS ASKED

SAN YSIDRO, Cal. — International Boundary Commission, American Section, has filed application for allotment of $110,000 from work-relief funds to construct portion of sanitary sewer line to serve San Ysidro and neighboring communities. The project is to be constructed jointly with the Mexican cities of Tia Juana and Agua Caliente.

FUNDS ALLOTTED

FRESNO COUNTY, Cal.—The Federal Public Works Administration has allotted a loan of $16,000 to the Fresno County Waterworks District No. 2 for a complete new water system. A grant of $13,090 has previously been approved for this project.

33— WATER WORKS

TO ASK FUNDS

NORTH LAS VEGAS, Nev.—C. D. Baker, consulting engineer, has announced that application will be made for a PWA loan of $34,000 to finance the construction of a water system in North Las Vegas.

SAN DIEGO CO.—10.985 Mi. Grade & Subgrade—(Govt.)

SAN DIEGO COUNTY, Cal. — J. E. Haddock, Ltd., 357 N. Chester Ave., Pasadena, at $203,683.40 submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for grading and placing subgrade reinforcement on 10,985 miles of Sections C and D of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego County.

Bids were taken as follows:

(1) 57 acres clearing;
(2) 347,500 cu. yds. unclass. excav.;
(3) 2300 cu. yds. do for structures;
(4) 1,141,500 sta. yds. overhaul;
(5) 59,200 cu. yds. mi overhaul;
(6) 36 lin. ft. 8-in. CMP;
(7) 72 lin. ft. 12-in. CMP;
(8) 2004 lin. ft. 18-in. CMP;
(9) 1664 lin. ft. 24-in. CMP;
(10) 364 lin. ft. 30-in. CMP;
(11) 192 lin. ft. 36-in. CMP;
(12) 34 lin. ft. 42-in. CMP;
(13) 214 lin. ft. 48-in. CMP;
(14) 2 each Type A spillway inlets;
(15) 316 cu. yds. Class A concrete;
(16) 15 cu. yds. Class B concrete;
(17) 18,100 lbs. reinforcing steel;
(18) 28 each steel grates;
(19) 190 lin. ft. porous tile underdrain
(20) 214 lin. ft. wood guardrail;
(21) 12,000 lin. ft. Type 1 protection ditch;
(22) 12,500 lin. ft. fence;
(23) 5 each fence gates;
(24) 96 each culvert markers;
(25) 86 each right-of-way monuments
(26) Extra work, selective clearing;
(27) Extra work, fill slope erosion control.

Total bids follow:

(A) J. E. Haddock, Ltd., Pasadena, $203,683.40.
(B) Isbell Constr. Co., Reno, Nevada, $229,183.30.
(C) Daley Corp., San Diego, $271,449.40.
(D) Young & Son Co., Ltd., Berkeley, $284,894.90.
(E) Engineer's Estimate, $198,259.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 150.00	$ 150.00	$ 200.00	$ 160.00	$ 150.00
(2)	.41	.50	.60	.64	.40
(3)	1.50	1.50	1.70	1.25	1.50
(4)	.01	.005	.01	.01	.0075
(5)	.15	.15	.12	.15	.15
(6)	.90	1.20	1.55	1.00	1.10
(7)	1.25	1.50	1.65	1.25	1.40
(8)	1.75	1.80	1.70	1.75	1.95
(9)	2.75	2.60	2.60	2.75	2.90
(10)	3.45	3.50	3.30	3.50	3.50
(11)	4.30	5.25	5.10	4.75	5.30
(12)	6.20	6.00	5.90	5.50	6.20
(13)	7.70	7.50	7.15	9.10	7.20
(14)	17.50	17.00	1500	15.00	15.00
(15)	27.00	27.00	27.50	30.00	27.00
(16)	27.00	27.00	27.50	30.00	25.00
(17)	.06	.06	.08	.07	.065
(18)	20.00	15.00	20.00	25.00	20.00
(19)	.50	1.00	.70	.70	.60
(20)	.50	1.00	1.50	1.25	1.00
(21)	.15	.15	.14	.10	.15
(22)	.12	.10	.10	.12	.12
(23)	20.00	20.00	25.00	20.00	20.00
(24)	2.50	3.00	3.00	2.50	2.00
(25)	3.00	3.50	3.00	3.00	3.00
(26)	300.00	300.00	300.00	300.00	300.00
(27)	1750.00	1750.00	1750.00	1750.00	1750.00

LOS ANGELES COUNTY—Monrovia & San Rafael Tunnels

LOS ANGELES COUNTY, Cal.—L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., 609 South Grand Ave., Los Angeles, bidding jointly, submitted the low bid to the Metropolitan Water District, Los Angeles, July 23 (as previously reported) at $503,145 on Schedule 1 and at $658,459 on Schedule 2, for constructing Monrovia No. 4 and San Rafael Nos. 1 and 2 tunnels, Colorado River Aqueduct; Spec. No. 107.

This combination also stipulated that if awarded both Schedules 1 and 2, it would deduct from item 2, Sched. 2, the sum of 30c per c.y. or a total of $13,500, which would make the net total for the complete contract, $1,148,104.

Monrovia No. 4 tunnel is located in the San Gabriel Mountains in the northerly part of the city of Monrovia Los Angeles County; the San Rafael Nos. 1 and 2 tunnels are located in the southerly portion of the San Rafael Hills between Linda Vista Ave. and Glenoaks Blvd. in the cities of Glendale, Pasadena and Los Angeles. The work to be bid upon consists of the excavating and lining of three circular water supply pressure tunnels.

The San Rafael tunnels and the east portion of the Monrovia No. 4 tunnel are to be lined with reinforced concrete and will have a finished interior diameter of 10 ft. For the west portion of the Monrovia No. 4 tunnel, bids may be submitted on a lining of welded steel cylinders, backed with concrete and lined with gunite; and on a lining of precast concrete pipe, backed with concrete and reinforced with steel cylinders. The gunite-lined section will have an interior diameter of 9 ft. 9 in.; the precast pipe, 6 ft. 6 in. The work has been divided into three schedules, as follows:

Schedule No. 1: San Rafael Nos. 1 and 2 tunnels having an aggregate length of 1.85 miles.

Schedule No. 2: Monorovia No. 4. tunnel, length 1.53 miles.

Schedule No. 3: Alternate to No. 2.

F. E. Weymouth, General Manager and Chief Engineer.

J. F. Shea Co., Inc., Mecca, Calif.,

ibmitted second low bid on Schedule at $596,574, and on Schedule 2 at 360,250.97.

For the other bids see lists of totals, ceeding each of the tables on Scheds 1 and 2.

There were no bids on Schedule 3 alternate to 2, using steel cylinder ning, reinforced precast concrete pe backed with concrete).

The items and quantities of Scheds 1 and 2 follow:

SCHEDULE NO. 1

Construction of the San Rafael Nos. and 2 tunnels and the appurtenant orks. Tunnel length 9738 ft., diamer 10 ft. Lining reinforced conete:

1) 5000 c.y. excav. in approach cuts;
2) 55,000 c.y. excav. in tunnel;
3) 100 c.y. excav. for tunnel enlargement;
4) 300 tons erecting steel support in tunnel;
5) 390 MFBM furnish and place permanent timbers in tunnel;
6) 100 c.y. gunite coating of rock in tunnel;
7) 6500 l.f. drilling grout holes;
8) 1300 connections for grouting;
9) 475 c.y. mixing and placing grout
0) to (15) do not apply here;
6) 1,450,000 lbs. placing reinf. steel;
7) 25,000 c.y. concrete in tunnel;
8) to (20) do not apply here;
1) 360 ton-mile hauling steel;
2) 25,000 ton-mile hauling cement.

SCHEDULE NO. 2

Construction of Monrovia No. 4 tunel appurtenant work. East portion, ngth 2856 ft., diameter, 9 ft. 9in., reinforced concrete; west portion, ngth 2856 ft., diameter 9 ft. 6 in., ning of steel cylinders with concrete cking and inner lining of gunite.

1) 2000 c.y. excav. in approach cut;
2) 45,000 c.y. excav. in tunnel;
3) 100 c.y. excav. for tunnel enlargement;
4) 275 tons erecting steel support in tunnel;
5) 375 MFBM furnish & place permanent timbers in tunnel;
6) 100 c.y. gunite coating of rock in tunnel;
7) 5000 lin. ft. drilling grout holes;
8) 1000 connections for grouting;
9) 400 c.y. mixing and placing grout
10) 504 l.f. furnish and install ¼-in. plate steel cylinders;
11) 539 l.f. furnish and install 5/16-in. plate steel cylinders;
12) 539 l.f. furnish and install ⅜-in. plate steel cylinders;
13) 555 l.f. furnish and install 7/16-in. plate steel cylinders;
14) 539 l.f. furnish and install ½-in plate steel cylinders;
15) 185 l.f. furnish and install 9/16-in. plate steel cylinders;
16) 1,700,000 lbs. placing reinf. steel;
17) 14,120 c.y. concrete in tunnel behind steel forms;
18) 6875 c.y. concrete in tunnel behind steel cylinders;
19) 2861 l.f. gunite lining of steel cylinders;
20) does not apply here;
21) 3100 ton-miles hauling steel;
22) 17,000 ton-miles hauling cement.

The total bids on Schedule 1 were:

(A) L. E. Dixon Co., Bent Bros., Inc. and Johnson, Inc., 609 S. Grand Ave., Los Angeles, $503,145.00.
(B) J. F. Shea Co., Mecca, Cal., $596-574.00.
(C) S. S. Magoffin Co., Adrian, Ore., $599,960.00.
(D) West Const. Co., Monrovia, $622,-910.00.
(E) Morrison-Knudsen Co., Los Angeles, $643,545.00.
(F) Winston Bros. Co., Los Angeles, $685,885.00.
(F) Broderick & Gordon, Los Angeles, $775,705.00.

Unit bids on Schedule 1 were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$1.50	$ .92	$1.60	$1.75	$1.00	$ .75	$2.00
(2)	5.35	6.70	7.00	7.07	6.85	6.90	8.30
(3)	10.00	10.35	11.00	10.00	10.00	15.00	10.00
(4)	20.00	40.00	45.00	55.00	45.00	70.00	40.00
(5)	35.00	57.50	50.00	50.00	80.00	95.00	60.00
(6)	20.00	20.00	20.00	25.00	20.00	12.00	30.00
(7)	.40	.60	.50	.60	.85	.50	1.00
(8)	1.00	2.30	2.25	2.25	2.00	3.15	2.50
(9)	25.00	18.00	25.00	25.00	20.00	20.00	25.00
(10)-(15)	.....	.....	.....	.....	.....	.....	.....
(16)	.01	.01	.011	.015	.01	.016	.015
(17)	5.85	6.15	5.39	5.75	7.15	7.85	9.00
(18)-(20)	.....	.....	.....	.....	.....	.....	.....
(21)	.20	.09	.10	.10	.20	.40	.05
(22)	.06	.08	.07	.05	.10	.17	.05

The total bids on Schedule 2 were:

A) L. E. Dixon Co., Bent Bros., Inc. and Johnson, Inc., 609 S. Grand Ave., Los Angeles, $658,459.00.
B) J. F. Shea Co., Inc., Mecca, Cal., $660,250.97.
C) West Const. Co., Monrovia, $730,-468.76.
(D) S. S. Magoffin Co., Adrian, Ore., $745,670.10.
(E) Morrison-Knudsen Co., Los Angeles, $747,243.50.
(F) Winston Bros. Co., Los Angeles, $852,529.00.
(F) Broderick & Gordon, Los Angeles, $856,008.75.

The unit bids on Schedule 2 were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$1.00	$ 1.55	$2.00	$2.00	$1.50	$1.85	$2.00
(2)	7.50	7.72	8.50	9.85	8.00	9.85	10.25
(3)	10.00	10.35	10.00	14.00	10.00	15.00	.....
(4)	20.00	40.00	57.00	50.00	45.00	70.00	40.00
(5)	35.00	57.50	50.00	60.00	80.00	95.00	60.00
(6)	20.00	20.00	25.00	20.00	20.00	12.00	30.00
(7)	.40	.60	.60	.50	.85	.50	1.00
(8)	1.00	2.30	2.25	2.25	2.00	3.15	2.50
(9)	25.00	18.00	25.00	25.00	20.00	20.00	25.00
(10)	27.00	27.82	22.50	23.30	29.50	29.00	33.50
(11)	29.00	29.40	24.75	24.70	31.50	30.00	35.30
(12)	32.00	33.08	27.25	27.70	35.50	34.00	39.70
(13)	35.00	35.44	30.00	29.70	38.50	36.00	42.65
(14)	37.50	38.43	33.00	32.20	42.50	39.50	46.00
(15)	42.00	43.70	36.50	36.60	48.00	44.00	52.60
(16)	.01	.01	.015	.015	.01	.016	.015
(17)	6.50	6.32	7.50	5.50	8.00	8.05	8.40
(18)	6.50	6.32	6.75	5.00	8.50	7.70	8.20
(19)	12.00	4.60	10.00	8.00	10.00	12.50	6.00
(20)	.....	.....	.....	.....	.....	.....	.....
(21)	.20	.09	.20	.10	.25	.55	.05
(22)	.06	.08	.10	.07	.10	.19	.05

CONTRACT AWARDED

SUTTER COUNTY, Cal.—Frederick W. Snook Co., 596 Clay St., San Francisco, at $212,175 (net construction cost) awarded contract by the U. S. Engineer Office, Custom House, San Francisco, for constructing three drainage pumping plants along the easterly levee of Sutter By-Pass in Sutter County.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until August 5, 10 A. M., bids will be received by F. R. Chilton, Clerk, Roseville City Council, for construction of Unit No. 2, Roseville Waterworks Improvements, Roseville.

The work involves:

(1) steel pipe and fittings;
(2) cast iron pipe and fittings;
(3) valves;
(4) valve boxes;
(5) trenching, installation of water pipe and backfilling.

Specifications may be obtained from City Clerk, City Hall, Roseville.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SAN FRANCISCO — Identical bids at $1187.35, 2% 10 days, were received by W. L. McElvaney, Acting Secretary, Recreation Commission, City Hall, for construction of certain 18 ft. high and six ft. high chain link fencing at the James Rolph Playground, Army St. and Potrero Ave., from the following:

Wickwire Spencer.
Rolph Mills.
Kamlan Fence Co.
Standard Fence Co.
Wayne Iron Works.
Anchor Post Fence Co.
Michel & Pfeffer Iron Works.

Western Steel & Wire Co., submitted an irregular bid which was not considered.

35— TUNNELS

BIDS WANTED

LOS ANGELES, Cal.—Until July 30, 10 A. M., (previously reported), bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, under Specification No. 110, for constructing concrete-lined tunnels or precast concrete pipe lines and appurtenant works of the Colorado River Aqueduct distribution system, between Stations 2887 plus 00 and 2951 plus 50, and between Stations 3061 plus 00 and 3117 plus 14 of the Upper Feeder. The work is located within the County of Los Angeles and principally within the cities of Sierra Madre and Pasadena.

The work to be bid upon consists of the excavation and lining of water supply pressure tunnels with approaches of jointed cast-in-place pipe, having interior diameter of 10 ft. and the construction of precast concrete pipe lines having interior diameter of 9 ft. 10 in., and has been divided into schedules as follows:

Schedule Number	Length in miles Tunnel	Pipe Cast in Place	Pipe Precast
1	1.14	0.08	
2	1.04	0.02	
Total	2.18	0.10	
3	0.29	.....	0.93
4	.....	.....	1.06
Total	0.20	.....	1.99

Schedules 1 and 3 are alternative, also Schedules 2 and 4 are alternative.

Bids will be taken as follows:

SCHEDULE 1

Construction of 6050 feet of tunnel and 400 feet of cast-in-place pipe, together with appurtenances, between Upper Feeder Stations 2887 plus 00 and 2951 plus 50 in Sierra Madre.

NOTE: Schedules 1 and 3 are alternative.

(1) 30,000 cu yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 5500 cu. yds. excav. for pipe;
(4) 3700 cu. yds. backfill for pipe;
(5) 250 tons erecting steel support in tunnel;
(6) 250 M. feet b.m. furnishning and placing permanent timbers in tunnel;
(7) 100 cu. yds. Gunite coating of rock in tunnel;
(8) 10,050 cu. yds. concrete in tunnel;
(9) 685 cu. yds. concrete in cast-in-place pipe;
(10) Does not apply here;
(11) 15 cu. yds. concrete in structures plain;
(12) and (13) Do not apply here;
(14) 2,100,000 lbs. placing reinforcement steel in tunnel;
(15) 250,000 lbs. placing reinforcement steel in cast-in-place pipe;
(16) and (17 Do not apply here;
(18) 6000 lbs. installing miscellaneous metal;
(19) 300 ton-miles hauling steel;
(20) 500 ton-miles hauling cement;

SCHEDULE 2

Construction of 5504 feet of tunnel and 100 feet of cast-in-place pipe, together with appurtenances, between Upper Feeder Stations 3061 plus 00 and 3117 plus 14, principally in Pasadena.

NOTE: Schedules 2 and 4 are alternative.

(1) 28,000 cu. yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 1600 cu. yds. excav. for pipe;
(4) 1100 cu. yds. backfill for pipe;
(5) 225 tons erecting steel support in tunnel;
(6) 225 M. feet b.m. furnishing and placing permanent timbers in tunnel;
(7) 100 cu. yds. Gunite coating of rock in tunnel;
(8) 9150 cu. yds. concrete in tunnel;
(9) 175 cu. yds. concrete in cast-in-place pipe;
(10) 5 cu. yds. concrete in structures reinf.;
(11) 10 cu. yds. concrete in structures —plain;
(12) and (13) Do not apply here;
(14) 2,900,000 lbs. placing reinf. steel in tunnel;
(15) 62,000 lbs. placing reinf. steel in cast-in-place pipe;
(16) 1000 lbs. placing reinforcement steel in structures;
(17) Does not apply here;
(18) 6500 lbs. installing miscellaneous metal;
(19) 2600 ton-miles hauling steel;
(20) 4000 ton-miles hauling cement;

SCHEDULE 3

Construction of 1550 feet of tunnel and 4900 feet of precast concrete pipe, together with appurtenances, between Upper Feeder Stations 2887 plus 00 and 2951 plus 50 in Sierra Madre.

NOTE: Schedules 3 and 1 are alternative.

(1) 7700 cu. yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 52,000 cu. yds. excav. for pipe;
(4) 32,000 cu. yds. backfill for pipe;
(5) 65 tons erecting steel support in tunnel;
(6) 65 M. feet b.m. furnishing and placing permanent timbers in tunnel;
(7) 25 cu. yds. gunite coating of rock in tunnel;
(8) 2600 cu. yds. concrete in tunnel;
(9) Does not apply here;
(10) 60 cu. yds. concrete in structures —reinf.;
(11) 200 cu. yds. concrete in structures—plain;
(12) 1750 cu. yds. concrete in cradle;
(13) 4902 lin. ft. precast concrete pipe;
(14) 210,000 lbs. placing reinf. steel in tunnel;
(15) Does not apply here;
(16) 3000 lbs. placing reinf. steel in structures;
(17) 1,090,000 lbs. furnishing and placing reinf. steel in precast pipe;
(18) 6500 lbs. installing miscellaneous metal;
(19) 200 ton-miles hauling steel;
(20) 500 ton-miles hauling cement;

SCHEDULE 4

Construction of 5623 ft. of precast concrete pipe, together with appurtenances, between Upper Feeder Stations 3061 plus 00 and 3117 plus 14, principally in Pasadena.

NOTE: Schedules 4 and 2 are alternative.

(1) and (2) do not apply here;
(3) 63,000 cu. yds. excavation for pipe;
(4) 40,000 cu. yds. backfill for pipe;
(5) to (9) Do not apply here;
(10) 60 cu. yds. concrete in structures —reinforced;
(11) 100 cu. yds. concrete in structures—plain;
(12) 2750 cu. yds. concrete in cradle;
(13) 5623 lin. ft. precast concrete pipe;
(14) and (15) do not apply here;
(16) 6000 lbs. placing reinf. steel in structures;
(17) 1,370,000 lbs. furnishing and placing reinf. steel in precast concrete pipe;
(18) 13,000 lbs. installing miscellaneous metal;
(19) 20 ton-miles hauling steel;
(20) 3500 ton-miles hauling cement.

Specifications may be obtained at Room 1007, 306 West Third St., Los Angeles, upon payment of $5 per set, not returnable. F. E. Weymouth, Chief Engineer and General Manager.

35

CASPER, WYOMING — ALCOVA DAM — (GOVT.

CASPER, Wyo. — W. E. Callahan Const. Co., Dallas, Texas, and Gunther & Shirley, Los Angeles, at $1,482,651 as previously reported submitted low bid to the Bureau of Reclamation, H. W. Bashore, Construction Engineer, Casper, Wyo., July 15 under Spec. No. 590, for the construction of the Alcova Dam, Casper-Alcova Project, Wyoming.

Bids were taken as follows:

(1) Lump sum, diversion and care of river during construction and unwatering foundations;
(2) 5,000 c.y. excavation, stripping sand and gravel deposits;
(3) 52,500 c.y. excavation, stripping borrow pits;
(4) 127,000 c.y. excavation, common, stripping for embankment;
(5) 200 c.y. excavation, rock, stripping for embankment;
(6) 200 c.y. excavation, common, for embankment toe drains;
(7) 350 c.y. excavation, rock, for do;
(8) 500 c.y. excavation, rock, in open trench for concrete cutoff wall footings;
(9) 250 c.y. excavation, rock, in open cut for drainage gallery;
(10) 1,720 c.y. excavation, all classes, in drainage tunnels and shaft and in stopes for cut-off wall;
(11) 45 c.y. excavation, rock, for trash rack structure;
(12) 17,500 c.y. excavation, common, for spillway;
(13) 281,000 c.y. excavation, rock do;
(14) 40 c.y. excavation, all classes, for outlet works operating house;
(15) 1,103,700 c.y. excavation, common in borrow pits and transportation to dam embankment;
(16) 63,000 c.y. excavation, rock, in borrow pits and transportation to dam embankment;
(17) 1,500 c.y. backfill;
(18) 20 c.y. gravel fill under floors;
(19) 1,500 c.y. riprap at spillway outlet;
(20) 935,300 c.y. earth fill in embankment;
(21) 127,000 c.y. sand, gravel and cobble fill in embankment, from the foundation stripping;
(22) 388,000 c.y. rock fill in downstream portion of embankment;
(23) 61,000 c.y. riprap on upstream slope of embankment;
(24) 275 c.y. gravel fill on trash-rack structure;
(25) 1,000 l.f. drilling "A" grout holes not more than 50 ft. deep;
(26) 2,500 l.f. drilling do more than 50- and not more than 100-ft. deep;
(27) 3,200 l.f. do. more than 100- and not more than 150-ft. deep;
(28) 3,700 l.f. drilling "B" grout holes not more than 25-ft. deep;
(29) 2,800 l.f. do more than 25-ft. deep and not more than 50-ft. deep;
(30) 34,000 l.f. do more than 50-ft. deep and not more than 100-ft. deep;
(31) 2,000 l.f. do more than 100-ft. deep and not more than 150-ft. deep;
(32) 1,600 l.f. do more than 150-ft. deep and not more than 250-ft. deep;
(33) 10,000 l.f. wash-boring and casing holes for foundation grouting;
(34) 16,000 lbs. installing grout pipe and fittings;
(35) 150,000 c.f. pressure grouting;
(36) 2,800 l.f. drilling drainage holes not more than 50-ft. deep;
(37) 100 l.f. weepholes;
(38) 3,700 l.f. drilling holes for anchor bars and grouting bars in place;
(39) 1,300 l.f. constructing 15-in. dia. clay pipe drains;
(40) 400 l.f. constructing 12-in. do.
(41) 200 l.f. constructing 8-in. do.
(42) 1,250 l.f. constructing 6-in. do.
(43) 3,000 l.f. constructing 4-in. do.
(44) 50 c.y. porous concrete under spillway gate structure;
(45) 1,460 c.y. concrete in cut-off walls in open trenches;
(46) 320 c.y. do in stoped excavation;
(47) 275 c.y. concrete in drainage gallery;
(48) 730 c.y. concrete in drainage tunnels and shaft;
(49) 920 c.y. concrete in gate chamber and tunnel plug;
(50) 300 c.y. concrete in trash-rack structure;
(51) 330 c.y. concrete in outlet works operating house;
(52) 500 c.y. concrete in parapet, curb walls and sidewalk;
(53) 8,860 c.y. concrete in spillway lining;
(54) 10,970 c.y. concrete in spillway gate structure below elevation 5536.50 and in spillway retaining walls;
(55) 300 c.y. concrete in spillway gate superstructures;
(56) 6,000 sq. yds. special finishing of concrete surfaces;
(57) 2,200,000 lbs. placing reinforcement bars;
(58) 8 sq. yds. installing bonded concrete floor finish and base;
(59) 130 sq. ft. installing corkboard in contraction joints;
(60) 533 sq. ft. installing asphalt-saturated felt roofing, complete with flashing;

(61) 504,000 pounds installing spillway gates, gate frames, gate and counterweight guides, and counterweight hangers;
(62) 225,000 lbs. installing spillway gate hoists and operating mechanisms;
(63) 165,000 lbs. installing trash-rack metal work;
(64) 346,000 lbs. installing high-pressure hydraulically operated gates and metal conduit linings;
(65) 5,300 lbs. installing control apparatus for high pressure gates;
(66) 368,400 lbs. installing internal differential needle valves;
(67) 55,000 lbs. installing cranes, sump pump, hoists, & pressure blower
(68) 33,500 lbs. installing metal stairways and walkways;
(69) 32,600 lbs. installing metal tubing and standard pipe, fittings, and valves;
(70) 7,000 lbs. installing galv. metal air piping;
(71) 1,400 l.f. installing metal water stops;
(72) 405 sq. ft. installing metal doors;
(73) 504 sq. ft. installing metal - sash windows and metal louver;
(74) 35,000 pounds installing miscellaneous metal work;
(75) 2,000 l.f. installing electrical metal conduit 1½-in. and less in dia.
(76) 1,500 l.f. do over 1½-in. in dia.;
(77) 3,000 l.f. installing electrical fibre conduit;
(78) Lump sum, installing electrical conductors.

Total bids follow:

(A) W. E. Callahan Const. Co., Dallas, and Gunther & Shirley, Los Angeles, $1,182,651.10.
(B) Martin Wunderlich Co., Jefferson City, Mo., $1,523,083.20.
(C) Winston Bros. Co., Minneapolis, Minn., $1,555,711.50.
(D) S. J. Graves & Son's Co., Minneapolis, Minn., $1,633,493.05.
(E) J. A. Terteling & Sons, Boise, Idaho, $1,717,989.50.
(F) George Pollock Co., Sacramento, Calif., $1,821,391.80.
(G) Peterson, Maguire & Lawler, Omaha, Neb., and Butte, Mont., $1,977,854.65.
(H) John Marsch, Inc., Chicago, $2,988,991.38.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$28,000.00	$20,000.00	$55,000.00	$45,000.00	$20,000.00	$25,000.00	$ 4,000.00	$805,000.00
(2)	.30	.16	.20	.27	.50	.10	.30	.35
(3)	.25	.16	.20	.27	.30	.10	.30	.68
(4)	.25	.60	.50	1.10	.70	1.20	1.50	.75
(5)	7.00	5.00	5.00	3.00	10.00	5.00	15.00	25.00
(6)	2.00	3.00	1.50	2.00	2.00	.80	5.00	2.50
(7)	3.50	4.00	3.00	4.00	5.00	5.00	15.00	20.00
(8)	10.00	8.00	5.00	5.00	20.00	8.00	15.00	20.00
(9)	5.00	4.00	5.00	5.00	20.00	5.00	15.00	20.00
(10)	9.00	20.00	16.00	15.00	30.00	15.00	15.00	40.00
(11)	10.00	10.00	6.00	5.00	20.00	3.00	7.65	20.00
(12)	.27	.30	.40	.40	.75	.50	1.00	1.50
(13)	.81	1.00	.85	1.00	.75	.85	1.50	1.50
(14)	4.00	3.00	6.00	2.00	10.00	5.00	7.40	5.00
(15)	.26	.30	.28	.24	.28	.26	.275	.20
(16)	.70	1.10	.80	.75	.75	.70	.50	1.50
(17)	.70	1.00	1.00	.50	.50	1.50	.50	1.50
(18)	2.00	2.00	3.00	2.00	2.00	3.00	.50	2.50
(19)	1.50	1.50	2.00	1.00	1.50	3.00	1.50	2.50
(20)	.08	.08	.07	.10	.08	.10	.09	.15
(21)	.07	.25	.14	.20	.20	.12	.25	.25
(22)	.10	.20	.17	.20	.15	.30	.55	.25
(23)	.45	.30	.40	.50	.25	.50	.50	2.50
(24)	2.50	2.00	3.00	2.50	10.00	3.00	.50	2.50
(25)	2.60	.90	1.40	1.50	4.00	2.00	2.00	4.00
(26)	2.60	1.20	1.60	1.75	5.00	2.50	2.00	4.00
(27)	2.60	1.30	1.80	2.00	6.00	3.00	2.00	4.00
(28)	2.00	.80	1.00	.90	1.00	1.50	2.00	2.00
(29)	2.00	.90	1.15	1.00	1.50	3.00	2.00	2.25
(30)	2.00	1.10	1.25	1.25	3.00	3.00	2.00	2.50
(31)	2.00	1.20	2.00	1.50	3.50	4.00	2.00	3.00
(32)	2.00	1.50	2.50	1.75	4.50	5.00	2.00	3.00
(33)	2.00	2.00	2.00	3.50	2.00	5.00	2.00	1.25
(34)	.20	.08	.10	.15	.10	.10	.15	.10
(35)	.55	.40	.65	.75	.80	1.00	1.00	1.50
(36)	2.50	1.00	2.00	.90	4.00	2.50	1.50	2.00
(37)	.90	.50	1.00	2.00	1.00	.50	.60	3.00
(38)	1.00	.50	.75	1.25	1.00	.50	.60	1.00
(39)	.50	1.50	1.00	1.35	1.50	1.00	1.00	1.00
(40)	.40	1.00	1.00	1.00	1.50	1.00	1.00	1.00
(41)	.30	1.50	1.00	1.00	1.00	.80	1.00	1.00
(42)	.30	1.25	.80	.90	1.00	.80	1.00	1.00
(43)	.30	1.00	.80	.85	1.00	.80	1.00	1.00
(44)	7.00	10.00	10.00	4.00	12.00	10.00	10.00	5.00
(45)	15.00	12.00	13.50	7.75	18.00	20.00	15.00	20.00
(46)	8.00	7.00	9.00	9.00	12.00	20.00	15.00	12.00
(47)	11.00	11.00	12.50	15.00	12.00	20.00	15.00	15.00
(48)	16.00	12.00	15.00	15.50	14.00	20.00	15.00	18.00
(49)	16.00	20.00	12.00	11.00	14.00	20.00	10.00	18.00
(50)	20.00	15.00	17.50	20.00	50.00	20.00	10.00	28.00
(51)	20.00	14.00	26.50	24.00	25.00	15.00	15.00	35.00
(52)	16.00	16.00	18.00	9.50	10.00	15.00	10.00	15.00
(53)	8.00	8.00	9.00	6.00	10.00	9.00	9.00	7.00
(54)	16.00	11.00	13.75	12.75	12.00	12.00	9.50	11.00
(55)	20.00	30.00	26.00	20.00	25.00	15.00	10.00	25.00
(56)	.60	.40	.70	.75	.50	.50	.25	.45
(57)	.02	.013	.017	.015	.015	.0125	.01	.0125
(58)	1.00	.00	1.50	1.00	1.00	1.00	1.00	1.50
(59)	.30	1.00	.30	.25	.50	.30	.50	.10
(60)	.20	.40	.50	.25	.50	.25	.50	.30
(61)	.02	.013	.0225	.0125	.03	.025	.01	.02
(62)	.03	.016	.03	.015	.04	.05	.01	.02
(63)	.02	.015	.02	.05	.15	.02	.01	.08
(64)	.04	.015	.025	.0125	.03	.025	.01	.02
(65)	.15	.10	.10	.08	.15	.05	.01	.05
(66)	.04	.015	.025	.0125	.03	.02	.01	.02
(67)	.04	.02	.025	.01	.03	.06	.01	.02
(68)	.04	.02	.06	.06	.05	.05	.01	.05
(69)	.10	.03	.10	.20	.05	.04	.01	.10
(70)	.10	.08	.10	.25	.05	.10	.01	.10
(71)	.40	.30	.30	.50	.20	.25	.10	.25
(72)	.40	.30	.80	.50	1.00	.55	.10	.22
(73)	.50	.50	.50	.20	1.00	.20	.10	.22
(74)	.15	.10	.08	.08	.06	.05	.01	.10
(75)	.20	.08	.20	.25	.30	.20	.10	.25
(76)	.30	.10	.25	.30	.30	.30	.10	.30
(77)	.25	.08	.25	.20	.30	.10	.10	.25
(78)	600.00	300.00	1,000.00	1,500.00	2,000.00	2,000.00	1,000.00	200.00

Section 436½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY

Establish Wage Scale For Carpenters

$613,819 S. F. Building Permits in July

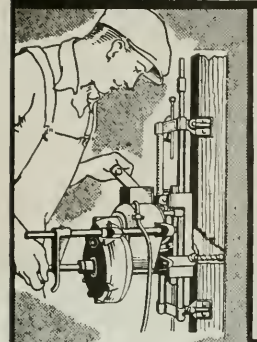
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

GUST 3, 1935

Vol. XVIII—No. 31

WAPPAT Electric TOOLS



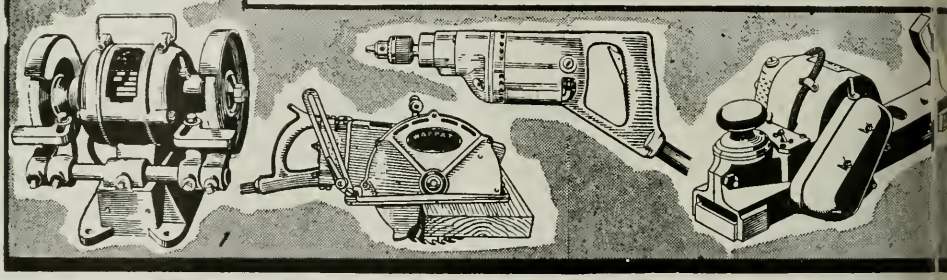
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., AUGUST 3, 1935 No. 31

BANKRUPTCY OF BUILDERS NEAR RECORD LOW

Defaults in First Half One-third Less Than 1934

During the first six months of the current year, the number of builders that went into bankruptcy was nearly one-third less than that recorded for the comparative period of 1934, while the amount of the liabilities was almost halved, Dun & Bradstreet reports. Should the same rate be maintained during the second half of the year as during the first one, when the total of bankruptcies was only 85 and the defaulted indebtedness at $3,613,676, the record for the twelve months of 1935 will establish an all-time low for the industry.

The previous low was in 1934, when the number of failures dropped to 242, which was smaller by 56.4 per cent than the 555 set down for 1929, which represented the record high. The defaulted indebtedness for 1934, which was reduced to $11,010,426, also established a new low, having cut 33.1 per cent from the 1933 total of $16,464,857 and 73.8 per cent from that of 1932, when the all-time peak was reached at $42,079,919.

The complete insolvency record of builders since 1927, including the first six months of 1935, as compiled by Dun & Bradstreet, Inc., shows:

Failures Among Builders

Year	Number	Liabilities
1927	353	$21,712,457
1928	489	27,891,511
1929	555	27,031,089
1930	417	20,263,506
1931	344	22,995,950
1932	497	42,079,919
1933	259	16,464,857
1934	242	11,010,426
1935*	85	3,613,676

* January to June, inclusive.

These statistics of commercial failures are exclusive of applications under Section 77B. From June 7, 1934, when Section 77Z of the New Bankruptcy Act became effective, to June 27, 1935, applications were filed under this section by three concerns in this industry.

K. E. PARKER LOW ON TRACY P. O.

WASHINGTON, D. C., July 30.—K. E. Parker Co., 135 South Park, San Francisco, submitted a low bid of $52,800 to the Treasury Department today for construction of the U. S. Post Office at Tracy. Second low bid was that of Leo Epp, San Francisco, at $52,877. Frank J. Reilly, also of San Francisco, was third low bidder for the contract with a proposal of $54,930.

Plans for the Tracy post office were prepared by the staff of the Treasury Department supervising architect. The project carries an appropriation of $67,000.

Union Paving Co. Low Bidder for San Mateo Grading

SACRAMENTO, July 31.—Union Paving Co., Call Bldg., San Francisco, with a bid of $97,437 today submitted the low figure to State Division of Highways for grading and surfacing 3.6 miles in San Mateo county, between Edgemar and Thornton. Seven bids were received, as follows:

Union Paving Co., S. F. ... $ 97,437
Bayshore Const. Co., S. F. ... 101,917
Peninsula Paving Co., S. F. ... 107,448
Granfield-Farrar, Carlin, S. F. 111,479
Fredrickson and Watson and Fredrickson Bros., Oakland 116,699
Healy-Tibbitts Const. Co. S. F. 121,721
A. Teichert & Son, Sacramento 122,337

The contract includes 250,000 cu. yds. roadway excavation; 1,150,000 sta. yds. overhaul; 15,800 tons of crusher run base.

CONSIDER PLANS FOR COOLING COURT HOUSE

Kern county supervisors have commissioned Architect Chas. Biggar, Bakersfield, to make preliminary estimates and to prepare an application for Federal financing of a cooling system for the county court house. It is expected the plant would cost about $30,000.

CITY'S PERMITS TOTAL $613,819; GAIN OVER JUNE

July Reports Increase Lead Over Last Year 7-Month Period

San Francisco building permits increased more than $100,000 in July over June, totaling $613,819. This total was more than double that of July 1934 when the volume of work dropped sharply due to the waterfront strike.

The number and value of frame buildings started during the month exceeded the previous month. Alteration and repair permits were about the same. Only one permit for publicly financed work is included in the July total, amounting to $85,660.

Permits for the first 7 months number 3392 and total $5,557,468 compared with 2,590 totaling $3,640,912 for the same period last year.

Following are the classified totals for the months of July, 1934, and 1935:

	July, 1935		July, 1934	
Class	No. of Pmts	Est. Cost	No. of Pmts	Est. Cost
A		$	2	$ 8,000
B	1	4,000	5	28,500
C	11	34,300		
Frames	66	279,310	8	21,200
Alterations	342	210,549	233	127,070
Public	1	85,660	5	103,258
Total	421	$613,819	253	$288,028

BERKELEY INSPECTOR HAS HOUSING BOOK

Albert L. Brinckman, Berkeley city building inspector, has received a copy of "Unit Plans: Typical Room Arrangements, Site Plans and Details for Low-Rent Housing," just published by the Housing Division of the Federal Public Works Administration. The volume will be available for examination by architects or others interested, Mr. Brinckman said. Due to the cost of its publication the book is not being distributed to the general public.

S. F. Building Contractors Fix Wage For Carpenters at $1 an Hour; Adopt 8-Hour Day and Uniform Work Terms

In a move to stabilize working conditions for building mechanics in San Francisco an agreement among leading general contractors was announced yesterday to pay carpenters $1 an hour for an eight-hour day and five-day week. The agreement will be effective on all contracts "where proposals have been submitted after August 31 and where wages, hours and working conditions are not otherwise set up by law."

George Greenwood, president of Central California Chapter, Associated General Contractors, made public the text of the working pact. It is subscribed to by members of his organization and other building contractors who attended the conference at which it was ratified. W. E. Hague, secretary-manager of the chapter, said he had been authorized to keep the original of the document at his office, 205 Sharon Building, to receive the signatures of other contractors who may volunteer to accept it.

Establishment of a uniform scale for carpenters by the general contractors was decided upon after negotations conducted by a committee of employers with the carpenters' union had been interrupted through dissolution of NRA. The two groups were working toward an area agreement on wages and working conditions, which it had been intended to apply to the entire bay district. Upon completion it would have been submitted to NRA and its enforcement would have been undertaken by the government agency.

Wage Agreement Text

Text of the agreement on working conditions endorsed by general building contractors of San Francisco, to be effective after August 31, follows:

1. "Journeymen Carpenters". The term "Journeyman Carpenter", as used herein means an employee who is qualified by experience and ability to perform work with carpenter's hand tools, or such other tools as are necessary in the performance of carpenter work. All work performed with carpenter's tools shall be done with journeymen carpenters and / or apprentice carpenters, except the following may be done with laborers.

1. Stripping concrete forms.

2. Removing of scaffolds.

3. Removal of material and man hoisting towers.

4. Wrecking for alterations and reconstruction.

5. Placing and removing of concrete runways.

6. Distributing an handling of building materials from point of delivery to point of installation.

7. Drilling of holes in brick or concrete for attaching the work of carpenters.

8. Removing of sidewalk pedestrian safeguards.

2. Apprentice Carpenters. The term "Apprentice Carpenter" as used herein means an employee undergoing a system or course of training in carpentry work whose age when starting his apprenticeship is over (18) eighteen, but not over twenty-one (21) years, provided, however, that bona fide apprentices now undergoing a system or course of training shall not be subject to these age limitations. The term of apprenticeship shall not exceed a period of four years.

3. Laborers. The term "Laborer" as used herein means an employee performing work not done by carpenters and/or apprentice carpenters and/or skilled mechanics in other trades.

4. Eight hours shall constitute a day's work except as otherwise noted.

5. Five days, consisting of not more than eight hours a day, on Monday to Friday inclusive, shall constitute a week's work.

6. Overtime shall be paid as follows: For the first four hours after the first eight hours, time and one-half. All time thereafter shall be paid double time, Saturdays (except laborers), Sundays and holidays, from 12 midnight of the preceding day, shall be paid double time.

7. On Saturdays, laborers shall be paid straight time for an eight hour day.

8. Where two shifts are worked in any twenty-four hours, shift time shall be straight time. Where three shifts are worked, eight hours pay shall be paid for seven hours on the second and third shifts, allowing one-half hour for lunch.

9. All work, except as noted in paragraph 10, shall be performed between the hours of 8 a. m. and 5 p. m.

10. In emergencies, or where premises cannot be vacated until the close of business, men then reporting for work shall work straight time. Any work performed on such jobs after midnight shall be paid time and one-half up to four hours overtime and double time thereafter, provided that if a new crew is employed on Saturdays, Sundays or holidays which has not worked during the five preceding days, such crew shall be paid time and one-half.

11. Recognized holidays will be: New Year's Day, Decoration Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Christmas Day.

12. Men ordered to report for work, for whom no employment is provided, shall be entitled to two hours pay.

13. Wages. The rate of wages for Journeymen Carpenters shall not be less than one dollar ($1) per hour for employment during regular hours.

14. Apprentice Ratio. Apprentices will only be employed in the ratio of one apprentice to each four journeymen.

15. Contracting. No work on this job will be let by contract or lump sum, direct with journeymen for labor services.

16. Tools. Carpenters and apprentices shall furnish their own tools, but shall not furnish saw-horses, ladders, mitre boxes, skell saws, electric drills or any kind of power operated machines.

STATE AWARDS SPAN BUILDING HIGHWAY WORK

Construction Contract Approvals To Low Bidders Over $750,000

SACRAMENTO, July 31—Award of contracts aggregating more than $750,000 was announced today by State Director of Public Works Earl Lee Kelly, including construction of the San Francisco-Oakland Bay Bridge Administration Building and Toll Plaza.

The bridge building award was made to Clinton Construction Co., San Francisco on its low bid of $360,857.

Other awards today were:

Peninsula Paving Co., San Francisco, at $103,826 for grading and paving about 0.9 mile in the city of Oakland on Thirty-eighth Street and Moss Avenue, between Market Street and Broadway.

Biasotti-Willard & Biasotti, Stockton, at $144,103 for grading about 5.5 miles in Modoc and Siskiyou counties between southwest of Tule Lake and Oregon state line.

A. Teichert & Son, Inc., Sacramento, at $105,708 for surfacing about 7.8 miles with plant-mix on a crusher run base in Madera county between Coarse Gold and Oakhurst.

Morgan Bros., Huntington Park, at $9,818 for liquid asphalt treatment on 54.7 miles in San Diego County between Bonsall and Rincon and between Santa Ysabel and northerly boundary; $5,625 for liquid asphalt treatment in San Diego county between Descanso and Julian, about 20.8 miles; $8,380 for liquid asphalt treatment on 40.2 miles in Imperial county between Bond's Corner and Niland.

L. A. Brisco, Arroyo Grande, at $11,672 for liquid asphalt treatment on about 34.2 miles in San Luis Obispo county at various locations.

Gilmore Oil Co., Los Angeles, at $6,669 for treating shoulders with liquid asphalt on about 37.2 miles in Monterey county between King City and San Ardo and between Salinas and Santa Cruz county line.

WORKS DEPARTMENT PLANS BUILDING

Options have been taken by the state on property at the northeast corner of Fourteenth and L Streets Sacramento, as a possible site for a new public works office building, according to reports from Sacramento.

Governor Merriam and State Public Works Director Earl Lee Kelly are reported to favor a new building to cost approximately $500,000 exclusively for the works department offices. The building at 11th and P, which is shared with the Motor Vehicle Department, would be used by that department for expansion of its offices and possibly for other state offices.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
734	Capurro	Owner	2000
735	Nelson	Owner	4000
736	Makelin	Zinkand	8000
737	Odair	Galway	4000
738	Nelson	Owner	4000
739	McGinnis	Mattock	10000
740	Shasta	Hogberg	3500
741	Lurie	Cahill	8000
742	General		5000
743	Lagger	Lombardi	3500
744	Shapiro	Owner	3000
745		Rosemont	1000
746	Trouville		7500
747	Cailleau	Hantzsche	1000
748	Molinari	Sharman	700
749	Smith	Cook	4000
750	Arnott	Owner	4000
751	Arnott	Owner	4000
752	Papenhausen	Owner	6000
753	McDonough	Owner	3000
754	McDonough	Owner	3000
755	Boernsen	Olson	2500
756	Santa Fe	Lowrie	5000
757	Associated	Owner	1500
758	Stoneson	Owner	5000
759	Whitney	Owner	2400
760	Lindsay	Owner	3000
761	Amandes	Aetna	4500
762	Morton	Malloch	4000

ALTERATIONS
(734) NO. 901-911 VALLEJO ST. Alter flats.
Owner—Theresa Capurro, 4756 Mission St., San Francsico.
Architect—Not Given. $2000

DWELLING
(735) W TWENTY-FOURTH AVE. 40 N Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(736) NW GLENBROOK AND ST. Germain St. Two-story and basement frame dwelling.
Owner—H. G. Makelin, 1583 Howard St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Ed. Zinkand & Son, 667 36th Ave., S. F. $8000

DWELLING
(737) W SEVENTEENTH AVE. 225 N Noriega St. One-story and basement frame dwelling.
Owner—M. Odair, 1842 18th Avenue, San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Robert Galway, 2071 Sutter St., S. F. $4000

DWELLING
(738) W TWENTY-FOURTH AVE. 81 N Ocean Ave. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(739) NO. 2150 WASHINGTON ST. Alter dwelling.
Owner—F. McGinnis, Premises.
Architect—Not Given.
Contractor—A. F. Mattock, 212 Clara St., San Francisco. $10,000

GARAGE
(740) E SIXTH ST. 58 N Brannan. One-story Class C garage.
Owner—Shasta Water Co., Sixth and Brannan Sts., San Francisco.
Engineer — Norman Breen, Sharon Bldg., San Francisco.
Contractor—Emil Hogberg, 666 Mission St., San Francisco. $3500

ALTERATIONS
(741) E FILLMORE 137 S Geary St.; alter offices.
Owner—The Lurie Co., 333 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Cahill Bros., 206 Sansome Street. $8,000

SERVICE STATION
(742) NW CLAREMONT BLVD. and Ulloa St.; one-story Class C service station.
Owner — General Petroleum Corp. of Calif., Higgins Bldg., Los Angeles
Architect—Not Given. $5,000

DWELLING
(743) NE WAYLAND and Goettingen; 1-story and basement frame dwelling.
Owner—Emil Lagger, % contractor.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Ernest Lombardi, 1218 Hollister St. $3,500

DWELLING
(744) E ROUSSEAU 175 W Cayuga; one-story frame dwelling.
Owner—Elihu Shapiro, 656 18th Ave.
Architect—Not Given. $3,000

ALTERATIONS
(745) 16 FIRST ST., 4th floor; alter offices.
Owner—Not Given.
Architect—Not Given.
Contractor—Ed. Rosemont, 176 Duboce Avenue.

ALTERATIONS
(746) 363 SUTTER ST.; alter club.
Owner—Club Trouville, Inc., premises.
Architect—Not Given. $7,500

ALTERATIONS
(747) 3103 WASHINGTON Street; alter dwelling.
Owner—Mme. Rose Cailleu, premises.
Architect—John. D Young, 2002 California St.
Contractor—Max Hantzsche, 455 32nd Avenue. $1,000

FLATS
(748) S CERVANTES 93 E Prado; two-story frame flats.
Architect—Not Given.
Owner—G. P. Molinari, % contractor.
Contractor—Thos. R. Sharman, 3700 Broderick Street. $7,000

DWELLING
(749) E 33rd AVE. 175 N. Santiago; one - story and basement frame dwelling.
Owner—Ethel G. Smith, % Supt. of Const.
Architect—Not Given.
Segregated Contracts—Supervision of Const. by C. M. Cook, 2363 33rd Avenue. $4,000

DWELLING
(750) W TWENTY-SIXTH AVE. 218 N Ocean Ave. One-story and basement frame dwelling.
Owner — James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $4000

DWELLING
(751) W TWENTY-SIXTH AVE. 262 N Ocean Ave. One-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $4000

DWELLING
(752) E SAN PABLO 685 N Yerba Buena. Two-story and basement frame dwelling.
Owner—H. Papenhausen, 595 Victoria St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco. $6000

DWELLING
(753) E TWENTY-SIXTH AVE. 100 S Kirkham St.. One-story and basement frame dwelling.
Owner—John J. McDonough, 1280 19th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(754) E TWENTY-SIXTH AVE. 125 S Kirkham St. One-story and basement frame dwelling.
Owner—John J. McDonough, 1280 19th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(755) W SEVENTEENTH AVE. 120 S Lincoln Way. One-story and basement frame dwelling.
Owner—W. Boernsen, 1495 18th Ave., San Francisco.
Architect—Not Given.
Contractor—Carl Olson, 1495 18th Ave., San Francisco. $2500

ALTERATIONS
(756) S FOURTH ST. 15 W Michigan St. Alter industrial building.
Owner—Santa Fe Land Improvement Co., Kerckhoff Bldg., 6th and Main Sts., Los Angeles.
Architect—Not Given.
Contractor—Lowrie Paving Co., 7540 16th St., San Francisco. $5000

ALTERATIONS
(757) SW GROVE AND FRANKLIN Sts. Alter greasing station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given. $1500

DWELLING
(758) S EL VERANO ST. 80 W St. Elmo. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Chas. Strothoff, % Owner. $5000

LAVATORIES
(759) E GREAT HIGHWAY 260 S Balboa St. Frame lavatories.
Owner—Whitney Bros., 4800 Cabrillo St., San Francisco.
Architect—Not Given. $2400

DWELLING
(760) S TINGLEY ST. 25 E Cayuga. One-story frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(761) N DEWEY BLVD. 625 E Pacheco St. Two-story frame dwlg.
Owner—F. Amandes, % Architect.
Architect—F. Frederic Amandes, 1879 18th Ave., San Francisco.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $4500

ALTERATIONS
(762) SE HAIGHT AND SCOTT STS. Alter stores.
Owner—Lewis M. Norton, Russ Bldg., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $4000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
520	Stephensen	Owner	3000
521	Alameda	Dowling	4000
522	Karls	Owner	1000
523	Dobbins	Allen	7000
524	Brignold	Overaa	1100
525	McCarthy	Stead	4987
526	Edmonds	McNutt	5000
527	California	Leiter	2700
528	Breuner	Appelbe	14000
529	Pleitner	Flagg	4750
530	Altermott	Owner	2200
531	Lurie	Stolte	4000
531	Portland	Lynn	4000
532	Kinley	Owner	4350
533	Moore	Confer	5000
534	General	Owner	4000
535	Maki	Wiska	1500
536	Fisher	Owner	5850
537	Davis	Sjoberg	4267
538	Mortensen	Owner	4000
539	Terrell	Owner	2500
540	Hardy	Beckett	3500
541	Union	Early	4000
542	Crocker	Owner	3500
543	Imrie	Walker	3500
544	Miller	Jensen	4500
545	Schmidt	Salveressa	1200

DWELLING
(520) NO. 1420 UNION STREET, **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—J. P. Stephensen, 1300 Webster St., Oakland.
Architect—Not Given. $3000

DWELLING
(521) NO. 1423 UNION STREET, **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda. $4000

ALTERATIONS
(522) NO. 1212 WASHINGTON ST., **OAKLAND.** Alterations.
Owner—Karls Shoe Co., Premises.
Architect—Not Given. $1000

DWELLING
(523) NO. 5716 CHELTON DRIVE, **OAKLAND.** Two-story 7-room dwelling.
Owner—L. T. Dobbins and G. G. Allen, 1998 San Antonio Ave., Berkeley.
Architect—Not Given.
Contractor—Allen & Allen, 3471 Laurel Ave., Oakland. $7000

ALTERATIONS
(524) NO. 709-11 THIRTY - EIGHTH St., **OAKLAND.** Alterations.
Owner—S. & J. Brignold, Premises.
Architect—Not Given.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond. $1100

FLATS
(525) No. 2646-48 IVY DRIVE, **OAKLAND.** Two-story 8-room flats.
Owner — Agnes I. McCarthy, 900 Excelsior Ave., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor — Frank A. Stead, 3206 Boise St., Berkeley. $4987

DWELLING
(526) NO. 4005 OAKMORE ROAD, **OAKLAND.** Two-story six-room dwelling.
Owner—G. T. Edmonds and W. W. Holden, 291 Lester Ave., Oakland
Architect—Not Given.
Contractor—McNutt Bros., 7615 Levlston Ave., El Cerrito. $5000

ALTERATIONS
(527) NO. 1346 FOURTH STREET, **BERKELEY.** Alterations.
Owner—California Ink Co., Prem.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland. $2700

RESIDENCE
(528) NO. 124 LEXFORD ROAD, **PIEDMONT.** Two-story 9-room frame residence and garage.
Owner — W. E. Breuner, 545 Santa Clara St., Berkeley.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Frank G. Appelbe, 1067 Walker Ave., Oakland. $14,000

DWELLING
(529) 3000 MORCOM AVENUE, **OAKLAND;** one-story 6-room dwelling.
Owner—H. A. Peitner, 4021 E 14th St., Oakland.
Architect—Not Given.
Contractor—John Flagg, 4021 E 14th St., Oakland. $4750

DWELLING
(530) 243 TOURAS AVENUE, **OAKLAND;** one-story 4-room dwelling.
Owner and Contractor—Mrs. J. F. Altermott, 6263 Crown Ave., Oakland.
Architect—Not Given. $2200

SERVICE STATION
(531) 2201 FULTON ST., **BERKELEY;** one-story four-room service station.
Owner—Lurie Co., 333 Montgomery St., San Francisco.
Engineer—Robert Dalton, 4040 Laurel Ave., Oakland.
Contractor—F. C. Stolte, 7449 Laguna Oakland. $4,000

DWELLING
(532) 5967 HARBOARD DRIVE, **OAKLAND;** two-story 5-room dwelling.
Owner—Frank Portland, 716 Mandana Blvd., Oakland.
Architect—Not Given
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland. $4,000

DWELLING
(533) 2009 CLEMENS ROAD, **OAKLAND;** two-story 6-room dwelling.
Owner and Contractor—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given. $4350

ALTERATIONS
(533) NO. 305 THE UPLANDS, **BERKELEY.** Alterations.
Owner—J. O. Moore, 1 Alvarado St., Berkeley.
Architect—Not Given.
Contractor—F. W. Confer, 1328 Arch St., Berkeley. $5000

STATION
(534) NO. 1801 UNIVERSITY AVE., **BERKELEY.** One-story Class C service station.
Owner — General Petroleum Co., Los Angeles.
Architect—Not Given. $4000

ALTERATIONS
(535) NO. 1920 TENTH ST., **BERKELEY.** Alterations.
Owner—A. Makl, Premises.
Architect—Not Given.
Contractor—A. Wiska. $1500

DWELLING
(536) NO. 1471 TRESTLE GLEN Road, **OAKLAND.** Two-story 6-room dwelling.
Owner—H. P. Fisher, 376 17th St., Oakland.
Architect—Not Given. $5850

DWELLING
(537) NO. 6424 SHAFTER AVENUE, **OAKLAND.** One-story 4-room dwelling, and garage.
Owner—W. V. Davis, 6074 Chabot Rd., Oakland.
Architect—Not Given.
Contractor—N. H. Sjoberg & Son, 5604 E-16th St., Oakland. $4267

DWELLING
(538) NO. 1801 CLEMENS ROAD, **OAKLAND.** One-story five-room dwelling.
Owner—Paul Mortensen, 2417 Palmetto St., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(539) NO. 1081 SIXTIETH STREET, **OAKLAND.** Alterations and addition to apartments.
Owner—F. Terrell, 3050 Union Street, Oakland.
Architect—Not Given. $2500

ADDITION
(540) NO. 5301 BROADWAY TERrace., **OAKLAND.** Addition.
Owner—V. S. Mardy, 5301 Broadway Terrace, Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $3500

STATION
(541) NW THIRTIETH ST. AND Telegraph Ave., **OAKLAND.** One-story steel service station and 1-story comfort station.
Owner—Union Oil Co., San Francisco.
Architect—Not Given.
Contractor—Fred J. Early Jr., 366 40th St., Oakland. $4000

DWELLING
(542) NO. 632 MOUNTAIN BLVD., **OAKLAND.** Two-story six-room frame dwelling.
Owner—H. L. Crocker Jr., 30 Wilding Lane, Oakland.
Architect—Not Given. $3500

DWELLING
(543) NO. 1181 GRIZZLY PEAK Blvd., **BERKELEY.** One-story 5-room frame delling.w
Owner—Jack Imrie, 1068 Spruce St., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $3500

ALTERATIONS
(544) NO. 2372 E-FOURTEENTH ST. **OAKLAND.** Alterations.
Owner—Grant D. Miller Co., Prem.
Architect—Miller & Wernecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $4500

ADDITION
(545) NO. 4614 MANILA AVENUE, **OAKLAND.** Frame addition.
Owner—A. E. Schmidt, Premises.
Architect—Not Given.
Contractor — John Salveressa, 5103 Shafter Ave., Oakland. $1200

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
59	Amandes	Aetna	7496
60	Otis	Fink	4168
61	Moody	Brock	144
62	Victor	La Chappelle	172

RESIDENCE
(159) LOTS NO. 1-K AND 1-J BLK 2864, N Dewey Blvd., Forest Hills. All work for two-story frame residence.
Owner—F. Amandes, 1879 18th Ave., San Francisco.
Architect—F. Amandes.
Contractor—Aetna Constr. Co., 238 Arletta St., San Francisco.
Filed July 25, '35. Dated July 23, '35.
Roof sheathed and ready for plaster $1871
Plaster on and ready for interior trim 1874
When completed 1874
Usual 35 days.... 1874
TOTAL COST, $7496
Bond, $7496. Sureties, Albin Warden and Frank G. Yarman. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(160) NO. 1231 MARKET ST. All work for alterations to coffee shop, install, bar, etc., Hotel Whitcomb.
Owner—James Otis, Trustee, Estate of A. C. Whitcomb, decd., 444 California St., San Francisco.
Architect—George Rushforth, 21 San Mateo Road, Berkeley.
Contractor—Fink & Schindler Co., 552 Brannan St., San Francisco.
Filed July 30, '35. Dated July 9, '35.
Bar and back bar delivered..$1000.00
Work completed 2126.00
Usual 35 days.... 1042.50
TOTAL COST, $4168.50
Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

PAINTING
(161) NO. 516 FORTY-SIXTH AVE. All work for painting exterior of dwelling.
Owner—Geo. R. and Marie E. Moody, Premises.
Architect—Not Given.
Contractor—Fred L. Brock, 3454 Sacramento St., San Francisco.
Filed July 30, '35. Dated July 27, '35.
HOLC Contract. ....
TOTAL COST, $144
Bond, $144. Surety, Massachusetts Bonding & Insurance Co. Limit, forfeit, plans and specifications, none.

ALTERATIONS
(162) NO. 134 UPPER TERRACE All work for furnishing and installing gas heaters, etc., in dwelling.
Owner—James V. Victor, Premises.
Architect—Not Given.
Contractor — Blanche La Chappelle, Adminx of Estate of Wm. S. La Chapelle, 3459 Mission St., S. F.
Filed July 31, '35. Dated July 17, '35.
HOLC Contract ....
TOTAL COST, $172.85
Bond, $172.85. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Specifications only filed.

ALAMEDA COUNTY

55	University	West	4172
56	Piedmont	Walstrom	1122
57	Taylor	Bernard	4682

FLOORING
(55) UNIVERSITY OF CALIFORNIA Campus, Berkeley. All work for installation of library stacks and flooring in Library.
Owner—University of California, Berkeley.
Engineer — W. P. Stephenson, U. of C. Campus.
Contractor—M. G. West Co., 115 Front St., San Francisco.
Filed July 25, '35. Dated July 24, '35.
When completed 75%
Usual 35 days.... 25%
TOTAL COST, $4172
Bonds (2) Labor and material, $2500 Performance, $2500. Surety, Columbia Casualty Co. of New York. Limit, 75 days. Forfeit, $15 per day. Plans and specifications filed.

ALTERATIONS
(56) LOCATION NOT GIVEN. All work for alterations to building.
Owner—Piedmont Commercial Center.
Architect—Albert Farr, 2083 Oakland Ave., Piedmont.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Filed July 30, '35. Dated July 30, '35.
On 27th of each month.... 75%
Usual 35 days 25%
TOTAL COST, $1122.80
Bond, none. Limit, 35 days. Forfeit, $5 per day Plans and specifications filed.

RESIDENCE
(57) LOT 2575, Piedmont Pines, Oakland. All work for residence.
Owner—E. M. Taylor.
Architect—Frederick L. Confer, 1328 Arch St., Berkeley.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.
Filed July 31, '35. Dated July 29, '35.
Roof completed $1700
Plastering completed 1170
When completed 1170
Usual 35 days.... 1172
TOTAL COST, $4682
Bond, $4682. Surety, Glens Falls Indemnity Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $200; 543 Haight St.; owner, F. Gilles, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.

FLUES, $75; W 2nd Ave. 175 S Moraga St.; owner, John Carlson, % Contractor, contractor, Walters Furnace & Sheet Metal Works, 3410 17th St.

ALTER apartments, $300; 2186 California St.; owner, Charles J. and Carrie B. Rousseau, 1990 California St.; architect, Chas. J. Rousseau, 1990 California St.

ALTER laundry, $75; 1733 Polk St.; owner, P. and M. Verdier, Prem.; contractor, G. P. W. Jensen & Sons, Inc., 320 Market St.

ALTER flats, $14; 1250-60 Golden Gate Ave.; owner, Mrs. Schyer, Prem.

ALTER dwelling, $210; 1356 Grove St. owner, Mrs. Rydell, Prem.; contractor, C. Lindberg, 1 Naylor St.

ALTER restaurant, $196; 3309 Mission St.; owner, W. Cavanaugh, Premises; contractor, Wm. Byrne, 1606½ Dolores St.

BARBER pole, $50; 407 O'Farrell St.; owner, Wm. Horrell, Prem.; contractor, Aetna Elec. Co.; 1435 Eddy St.

ALTER warehouse, $450; 78 Townsend St.; owner, Pacific Mutual Life Insurance Co., 660 Market St.; contractor, Dinwiddie Constr. Co., 210 Crocker Bldg.

SIGN, electric, $300; 798 Bush Street; owner, Cottage Food Shop, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER dwelling, $250; 2454 27th Ave.; owner, B. Ludich, Premises; contractor, P. Andersen, 5082 Army

REPAIR fire damage to dwelling, $480 2112 Bryant St.; owner, V. Manfrellitto, 1004 Juarez St., contractor, Ira W. Coburn, 2048 Market

ALTER ballroom, $145; 1641 Ellis St., owner, Jerry Concannon, 1445 Union St.; architect, H. Newcomb 1028 Munich St.; contractor, Peninsula Studio of S. F., 1028 Munich

BILLBOARD, $6.25; W 19th Ave. 200 N Irving St.; owner, Foster & Kleiser Co., 1675 Eddy St.

ALTER market, $500; SE Polk and Clay Sts.; owner, Wm. Denman, 2 Laurel St.; contractor, James L. McLaughlin Co., 215 Kearny St.

SIGN, electric, $200; 2640 21th St.; owner, Purity Delicatessen, Prem. contractor, QRS Neon Corp. Ltd., 690 Potrero Ave.

SIGN, $25; 1633 Market St.; owner, Maytag Sales & Service Co., 1633 Market St.; contractor, Peninsula Studio of S. F., 1028 Munich St.

ALTER for restaurant, $500; 517 Market St., 2nd Floor; owner, Paul Pagni, Prem.; contractor, Brunswick Balke Collender Co., 980 Mission St.

ALTER store, $790; 123 3rd Street; Agents, Buckbee Thorne & Co., 151 Sutter St.; contractor, Mullen Mfg Co., 60 Rausch St.

ALTER church, $940; 286 Divisadero St.; owner, not given; contractor, C. Lindberg, 1 Naylor St.

SIGN, electric, $175; 639 Broadway; owner, Ticino Cafe, Premises; contractor, Apex Elec. Co.; 363 Fell St.

SIGN, electric, $35; 2001 Market St.; owner, Krestellers, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave.

SIGN, electric, $35; 935 Market St.; owner, Hersh's, Prem.; contractor, Wonderlite, 170 Otis St.

SIGN, electric, $30; 304 6th Ave.; owner, Grayson Radio, Premises; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.

SIGN, electric, $150; SE 16th and Landers Sts.; owner, Sam Daniels Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave., South.

SIGN, electric, $150; 172 Columbus; owner, New Commercial Hotel, Prem.; contractor, Apex Elec. Co., 363 Fell Street.

FLUES, $75; W Fernwood 80 N Brentwood; owner, Paul A. Wolters, % Contractor; contractor, Walters Furnace & Sheet Metal Works, 3410 17th Street.

FLUES, $35; 163 Laidley St.; owner, J. Robinson, Premises; contractor, Excelsior Sheet Metal Products, 4260 Mission St.

ALTER store, $40; 655 Clay St.; owner, Gee Tong, 653 Merchant St.; contractor, Wong Chee Kee, 890 Washington St.

SIGN, $20; 5442 Geary St.; owner, Virginia Maid Candies, Premises.

ALTER dwelling, $57; 526 Lisbon St.; owner, Manuel Taitano, Prem.

ALTER restaurant, $100; 2730 Sloat Blvd.; owner, Mrs. L. Lockwood, 1271 24th Ave.

ALTER offices, $450; 80 Post Street; owner, Holmes Investment Co., 68 Post; architect, Albert Farr, 68 Post St.; contractor, The Fink & Schindler Co., 552 Brannan St.

SIGN, electric, $50; 805 Market Street; owner, Benetars, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.

ALTER dwelling, $100; 132 Alma St.; owner, John Burmel, Premises; contractor, Morse Phillips, 459 Bellevue St.

ALTER store and flats, $450; 1004 Harrison St.; owner, Trevor & Co., 71 Sutter St.; contractor, Andrew Pillar, 847 Duncan St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

To Be Done By Day's Work.
ALTERATIONS Cost, $3500
OAKLAND, Alameda Co., Cal. No. 1081 Sixtieth Street.
Alterations and additions to apartments.
Owner—F. Terrell, 3050 Union Street, Oakland.
Architect—Not Given.

Construction Postponed Temporarily.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. SE California and Taylor Streets.
Alterations to apartment building.
Owner—Huntington Apartments.
Architect—W. P. Day, Financial Center Bldg., San Francisco.
Contractor — MacDonald & Kahn, Financial Center Bldg., S. F.

4— FACTORIES & WAREHOUSES

Additional Sub-Contracts Awarded.
DISTILLERY Cost, $22,000
SELMA, Fresno Co., Cal. Huntsman Avenue near Bethel.
New brandy distillery.
Owner—John McClure, Inc.
Architect—Morgan, Walls & Clements 210 W. Seventh St., Los Angeles.
Contractor—Trewhitt-Shields Co., Pacific Southwest Bldg., Fresno.
Mill Work, Glass and Glazing—Fresno Planing Mill, Fresno.
Wiring—Electric Construction Co.
Other awards reported July 24.

Contract Awarded.
FACTORY Cost, $175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemours & Co. (W. J. Sohlinger, Mgr.) 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner Wilmington, Delaware.
Contractor—Cahill Bros., 206 Sansome St., San Francisco

Contract Awarded.
WINERY Cost, $25,000
ST. HELENA, Napa Co., Cal.
Winery (fermenting room, 25x85 feet) storage wing, 100x42 feet, cooperage for 200,000 gallons, two hydraulic presses, etc.; distillery 85x36 ft.; concrete construction, redwood storage tanks.
Owner—Beringer's Winery.
Architect—Not Given.
Contractor — Harry Thorsen, 1519 Kearney St., St. Helena.

Contract Awarded.
ALTERATIONS Cost, $3000
BERKELEY, Alameda Co., Cal. No. 1346 Fourth Street.
Alterations to factory.
Owner—California Ink Co., Prem.
Architect—Not Given.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

PREPARING PLANS
MINES FIELD, Los Angeles Co., Cal.—L. B. Norman, 1034 17th St., Santa Monica, is preparing plans for a group of factory buildings to be built on Mines Field for North American Aviation, Inc., subsidiary of the General Motors Corp. The buildings will be steel frame structures with stucco exteriors, the first unit to have a floor area of 3½ acres. Cost of the plant is estimated at $500,000. Construction is scheduled to start Sept.

July 31, 1935

Contract Awarded.
WINERY Cost, $50,000
DELANO, Kern Co., Cal. (Trocha).
One-story reinforced concrete winery.
Owner—Earl Fruit Co., Delano.
Plans by Engineering Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

BIDS OPENED
SAN FRANCISCO — Meyer Constr. Co., 735 Portola Drive, San Francisco, at $7715 submitted low bid to Constructing Quartermaster, Fort Mason, for constructing one frame warehouse at the Presidio of San Francisco.
Complete bids follow:

Meyer Constr. Co.	$7715
Barrett & Hilp	7850
Leo Epp	7920
M. E. Vukicevich	7954
Frank J. Reilly	7981
W. G. Akard	8373
Robert McCarthy	8521
DeLuca & Sons	8666
Einar C. Petersen	8822
R. S. Silverberg	8936
A. Nelson	9164
William Martin	9190
F. C. Amoroso & Sons	9423
N. H. Sjoberg, Oakland	9833

Bids held under advisement.

Contract Awarded.
ALTERATIONS Cost, $6,000
SAN FRANCISCO. S Fourth St. 15 W. Michigan.
Alterations to industrial building.
Owner—Santa Fe Land Improvement Co., Kerckhoff Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Lowrie Paving Co., 1540 16th Street.

SUB-BIDS WANTED
OAKLAND, Cal.—Geo. Maurer, 50 York Drive, Piedmont, desires subbids on all portions of the work for the construction of the freight depot in Oakland for the Santa Fe Railway Company, for which bids will be opened in Los Angeles August 5.

Contract Awarded.
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 625 Third Street.
Alterations to warehouse (work involves steel rolling doors, structural steel, new doors for truck entrances, toilet rooms, etc.)
Owner—San Francisco Warehouse Co.
Engineers—Ellison & Russell, Pacific Building.
Contractor—Cahill Bros., 206 Sansome Street.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost, $2,5
SAN FRANCISCO. 901-11 Vallejo S
Alterations to flats.
Owner—Theresa Capurro, 4756 Mission Stret.
Architect—Not Given.

Contract Awarded.
FLATS Cost, $500
OAKLAND, Alameda Co., Cal. N 2646-48 Ivy Drive.
Two-story frame and stucco flats (6 rooms).
Owner—Agnes I. McCarthy, 900 Excelsior Ave., Oakland.
Architect—F. H. Slocombe, 131 Mont Cresta Ave., Oakland.

Contract Awarded
FLATS Cost, $8,0
SAN FRANCISCO. S Cervantes 93 Prado.
Two-story frame and stucco flats.
Owner—G. P. Molinari.
Architect—Not Given.
Contractor—Thos. R. Sharman, 37 Broderick Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
GARAGE Cost, $4,0
SAN FRANCISCO. E Sixth St. 58 N Brannan Street.
One-story Class C garage.
Owner—Shasta Water Co., Sixth an Brannan Streets.
Engineer—Norman Green, Sharon Building.
Contractor—Emil Hogberg, 666 Mission Street.

Contract Awarded.
GARAGE Cost, $3,00
RICHMOND, Contra Costa Co., Calif Nevin Ave., bet. 15th and 16th Sts
One-story steel garage and alteration to laundry.
Owner—Home Laundry Co., Premises
Architect—Not Given.
Contractor—E. J. Freethy, 224 16th St., Richmond.

Contract Awarded
SERVICE STATION Cost, $5,00
BERKELEY, Alameda Co., Cal. 220 Fulton Street.
New service station.
Owner—Lurie Co., 333 Montgomery St., San Francisco.
Engineer—Robert Dalton, 4040 Laurel Ave., Oakland.
Contractor—F. C. Stolte, 3449 Lagun Ave., Oakland.

Contract Awarded.
SERVICE STATION Cost, $500
OAKLAND, Alameda Co., Cal. NW 38th St. and Telegraph Ave.
One-story steel service station.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Fred J. Early Jr., 366 40th St., Oakland.

Plans Completed.
SERVICE STATION Cost, $500
BERKELEY, Alameda Co., Cal. No 1801 University Avenue.
Class C service station.
Owner—General Petroleum Co., 419 19th St., Oakland.
Plans by Engineering Dept. of Owner.

ans Completed.
ERVICE STATION Cost, $6000
AN FRANCISCO. NW Claremont Blvd. and Ulloa Street.
ne-story Class C service station.
wner—General Petroleum Corp. of California, Higgins Bldg., Los Angeles.
ans by Engineering Dept. of Owner.

ontract Awarded.
ERVICE STATION Cost, $9000
ANTA ROSA, Sonoma Co., Cal.
eel service station.
wner — General Petroleum Co., 519 19th St., Oakland.
ans by Engineering Dept. of Owner.
ontractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

ow Bidder.
UTO SALES BLDG. Cost, $6000
ENTERVILLE, Alameda Co., Cal.
ne-story auto sales building and garage (wood frame construction).
wner—Frank McGruga.
rchitect—Miller & Warnecke, Financial Center Bldg., Oakland.
ow Bidder—M. White, P. O. Box 136, Centerville.

— FEDERAL BUILDINGS

ids Rejected.
OST OFFICE Cost, $——
AN RAFAEL, Marin Co., Cal. D and Third Streets.
ne-story, mezzanine floor and part basement post office building (65x 75 feet) steel frame, wood roof, composition roofing, one-pipe low pressure steam heating system, steel columns and girders, plaster exterior, cast iron steps, etc.
wner—United States Government.
lans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans will be revised and new bids sked at a later date.
On bid opening lowest bid was submitted by Leo Epp, 4745 Geary St., an Francisco, at $56,680.
Complete bids published July 16.

xcavation Contract Awarded.
OST OFFICE Cont. Price, $38,390
ITTSBURG, Contra Costa Co., Cal.
Fifth and Cumberland Streets.
nited States Post Office Building.
wner—United States Government.
lans by the Supervising Architect, Treasury Dept., Washington, D.C.
ontractor—Oliver S. Almlie, 60 Sussex St., San Francisco.
xcavation—John Evola, 620 E St., Pittsburg.

ow Bidders
OST OFFICE Cost, $67,000
RACY, San Joaquin Co., Calif.
. S. Post Office.
wner—United States Government.
lans by the Supervising Architect of the Treasury Dept., Washington, D. C.
ow Bidder—K. E. Parker Co., 135 South Park, San Francisco.
The three low bids follow:
K. E. Parker Co., S. F. $52,800
Leo Epp, San Francisco 52,877
Frank J. Reilly, S. F. 54,930

Sub-Contracts Awarded.
OST OFFICE Cont. Price, $39,760
URLOCK, Stanislaus Co., Calif.
One-story and basement concrete post office bldg. (cement finish, composition roof, steam heating system, etc.; 80x60-ft.)
wner—United States Government.
lans by Supervising Architect of the Treasury Dept., Washington, D.C.
ontractor—K. E. Parker Co., 135 So. Park, San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Roofing—C. L. Frost, 165 Webster St. Monterey.
Sheet Metal—Gullfoy Cornice Works, 1234 Howard St., San Francisco.
Mill Work—International Mill & Lumber Company.
Ornamental and Miscellaneous Iron—Peerless Ornamental Iron Works, 1528 Folsom St., San Francisco.
Plumbing and Heating—Scott Company, 243 Minna St., San Francisco.

Sub-Contracts Awarded.
P. O. EXTEN. Cont. Price, $84,700
SANTA CRUZ, Santa Cruz Co., Cal.
Extension and remodeling of present post office bldg. (stone and terra cotta exterior, tile roof, etc.)
Owner—United States Government.
Plans by the Supervising Architect, Treasury Dept., Washington, D.C.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Glass & Glazing—Habenicht & Howlett, 529 Clay St., San Francisco.
Painting—Patterson Bros., 573 Santa Rosa Ave., Berkeley.
Plumbing and Heating—J. A. Fazio, 2059 Webster St., Oakland.
Miscellaneous and Ornamental Iron—Sartorius Co., 2530 18th St., San Francisco.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Electric—Roy M. Butcher, 1020 Sherwood Ave., San Jose.
Mill Work—Work Lumber Co., Monterey.
Roofing—California Roofing Co., 1921 15th St., San Francisco.
Terrazzo—Consolidated Terrazzo Co., 557 Market St., San Francisco.
Tile Work—Albert Cook, 334 Claremont Blvd., San Francisco.
Marble and Slate—Clervi Marble Co., 1731 San Bruno Ave., San Francisco.

BIDS REJECTED
SAN FRANCISCO — Treasury Department rejected all bids for remodeling the granite base at the U. S. Post Office Building, Seventh and Mission Sts., San Francisco. New bids will be asked at a later date. on bid opening lowest bid was submitted by Lindgren & Swinerton, 225 Bush St., at $10,650.

BIDS OPENED
SAN FRANCISCO—Standard Fence Co., 440 Bayshore Blvd., at $880 submitted low bid to Custodian, U. S. Post Office, San Francisco, for wire screens and window grilles for the U. S. Post Office, 7th and Mission Streets. Complete bids follow:
Standard Fence Co. ..... $ 880
Michel & Pfeffer Iron Works 896
S. F. Wire & Iron Works 1048
West Coast Wire & Iron Works.. 1280
Bids held under advisement.

Bid Opening Date Postponed Until August 20, 1 P. M.
POST OFFICE Cost, $79,200
REDDING, Shasta Co., Calif. Oregon St. between Placer & Yuba Sts.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required for one set and additional sets may be procured at a cost of $5.
Bids were previously scheduled to be opened July 31, 1 P. M.

BIDS WANTED
MERCED, Merced Co., Calif.—Until August 22, 10 A. M., bids will be received by the Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C. for painting the plaster, etc., in the U. S. post office at Merced.
Specifications may be obtained from above office and from the Custodian of the building at Merced.

Complete Bids.
MINT Cost, $1,255,000
SAN FRANCISCO, Duboce Ave., Brosnan, Buchanan, Webster Sts.
Four - story structural steel frame mint (207.9x185.1) feet; reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C. and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Low Bidder—Clinton Const. Co., 923 Folsom Street.
Work complete, excepting elevators, vault doors and special lighting fixtures.
(a) If limestone for exterior ashlar of building is used in lieu of stone or granite (add);
(b) If granite for exterior ashlar is used (add);
(c) Omitting asphalt block roofing & substituting composition roofing, (deduct);
(d) Substituting marble, tile and metal in lieu of structural glass in certain specified locations (deduct);
(e) Furnishing and installing Type B electric clock system in lieu of Type A system (deduct);
(f) Using terra cotta in lieu of concrete (add).

Clinton Const. Co., S. F. $813,000
..... (a) 87,000
..... (b) 122,000
..... (c) 10,000
..... (d) 4,600
..... (e) .....
..... (f) 119,000

George Wagner and K. E. Parker Co., San Francisco $847,990
..... (a) 100,460
..... (b) 130,160
..... (c) 9,300
..... (d) 3,700
..... (e) .....
..... (f) 116,640

Lindgren & Swinerton, S. F. ..$863,000
..... (a) 100,000
..... (b) 123,000
..... (c) 9,700
..... (d) 3,500
..... (e) 100
..... (f) 125,000

MacDonald & Kahn, S. F. $875,578
..... (a) 95,119
..... (b) 120,021
..... (c) 10,040
..... (d) 4,275
..... (e) .....
..... (f) 111,197

Great Lakes Const. Co., Chicago $886,688
..... (a) 81,600
..... (b) 150,000
..... (c) 4,760
..... (d) 3,800
..... (e) 100
..... (f) 110,000

U. S. Fireproofing Co., Chicago $903,860
..... (a) 90,500
..... (b) 159,500
..... (c) 6,000
..... (d) 3,900
..... (e) .....
..... (f) 128,500

R. E. Campbell, Los Angeles..$929,730
..... (a) 98,000
..... (b) 139,000
..... (c) 10,000
..... (d) 3,000
..... (e) 50
..... (f) 142,000

BIDS WANTED
SAN FRANCISCO.—Until Aug. 22, 10 A. M., bids will be received by the Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for moving and relocating

all vault entrances in the U. S. Mint at San Francisco.

Plans and specifications may be obtained from above office.

BIDS OPENED

PHOENIX, Arizona — Washington Ornamental Co., Inc., Washington, D. C., at $2190 submitted low bid to the Treasury Department for plaster models for the U. S. Post Office for Phoenix, Arizona. Complete bids follow:

Washington Ornamental Co., Inc., Washington, D. C., $2190.
South Western Cement & Plaster Products Co., Phoenix, $2760.
J. S. Watkins, Los Angeles, $2898.
A. A. Kennedy, Phoenix, Ariz., $3096.

Complete Bids.

POST OFFICE Cost, $63,200
SOUTH PASADENA, Los Angeles Co.
One-story U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Low Bidder—Sarver & Zoss, 1015 W. 4th St., Los Angeles.
Complete bids follow:
Sarver & Zoss, Los Angeles, $55,000.
G. F. Campbell Bldg. Co., and Chas. E. Kelly, Los Angeles, $55,684.
Wm. P. Neil Co., Ltd., Los Angeles, $56,750.
Atlas Constr. Co., Pasadena, $58,000.
L. F. Dow Co., Los Angeles, $58,345.
Theodore A. Beyer Corp., Los Angeles, $58,939.
N. A. Anderson, Los Angeles, $59,666.
Schuler & McDonald, Inc., Oakland, $69,000.

BIDS OPENED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $4200 submitted low bid to Constructing Quartermaster, Fort Mason, for asphalt tile floors in Ninth Corps Area Headquarters Building No. 220 at the Presidio of San Francisco. Complete bids follow:

Western Asbestos Co. $4200
Van Fleet Freear Co. 5217
Thomas Moulding Floor Co. 5236
L. S. Case, Inc. 5600
Malott & Peterson 5876
J. E. Higgins Lumber Co. (Alt. 3 only) 7550

Bids held under advisement.

Bids Rejected

POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Building.
Plans by the Supervising Architect, Washington, D. C.

All bids rejected. New bids will be asked at a later date.

On bid opening lowest bid was submitted by the Atlas Const. Co., 39 Congress St., Pasadena, at $44,500.

BIDS OPENED

SAN FRANCISCO. — Otis Elevator Co., 1 Beach St., at $30,311 submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing elevators to be erected in the U. S. Mint at San Francisco.

Three low bids follow:

Otis Elevator Company $30,311
Westinghouse Electric Elevator Company 33,449
Pacific Elevator & Equip. Co. 35,000

Bids held under advisement.

Bids Opened.

MINT Cost, $1,225,000
SAN FRANCISCO. Duboce Ave., Hermann, Buchanan, Webster Sts.
Four - story structural steel frame mint (207.9x185.1 feet; reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C. and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Low Bidder—Clinton Const. Co., 923 Folsom Street.
Complete bids follow:
Clinton Const. Co., S. F. $813,000
Geo. Wagner and K. E. Parker Co., San Francisco 847,990
Lindgren & Swinerton, S. F. 863,000
MacDonald & Kahn, S. F. 875,578
Great Lakes Const. Co., Chicago 886,688
U. S. Fireproofing Co., Chicago 903,860
R. E. Campbell, Los Angeles 929,730

Bids held under advisement.

Low Bidders

POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
Three-story and basement post office building (80x83 feet).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder — E. L. Martin, Dallas, Texas, (1) $137,000; (2) $138,000.

Second low bid submitted by Robt. E. McKee, Los Angeles, at (1) $139,140 and (2) $141,500.

Complete bids will be given shortly.

BID OPENING DATE POSTPONED

SAN PEDRO, Los Angeles Co., Cal. —Until August 8, 1 P. M. (date postponed from July 29) bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for elevators to be installed in the U. S. Federal Building to be constructed at San Pedro.

Plans and specifications may be obtained from above office. No deposit required.

LATE LOW BID

SAN FRANCISCO—Shepherd Elevator Co., at $30,000 submitted late low bid to Treasury Department, Washington, D. C., for furnishing and installing elevators in the U. S. Mint to be erected in San Francisco. Complete bids follow:

Shepherd Elevator Co. $30,000
Otis Elevator Company 30,311
Westinghouse Electric Elevator Company 33,449
Pacific Elevator & Equip Co. 35,000

Bids held under advisement.

Contract Awarded

POST OFFICE Cont. Price, $355,600
SAN PEDRO, Los Angeles Co., Calif. Beacon St. bet. 8th and 9th Sts.
Three - story and basement Class A post office building (250x100 feet) to house post office, customs department, immigration and public health service, shipping commission and hydrographic offices
Owner—United States Government
Architects—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, and W. Horace Austin, 632 Chestnut Ave., Long Beach.
Contractor—Sarver & Zoss, 1915 West Fourth St., Los Angeles.

Bids Wanted—To Close Sept. 3, 1:00 P. M.

POST OFFICE Cost, $51,700
CLAREMONT, Los Angeles Co., Cal.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Plans and specifications may be obtained from above office.

LOW BIDDERS

AMERICAN LAKE, Wash.—F. L. Van Slyke, Puyallup, Washington, at $7340 submitted low bid to Veterans Administration, Washington, D. C., for constructing transformer station and transmission line at the Veterans' Administration Facility, American Lake, Washington.

Three low bids follow:

F. L. Van Slyke, Puyallup $734
Raymond Electric Co., Tacoma 74
H. H. Walker, Los Angeles 749

LOW BIDDERS

WALLA WALLA, Wash.—York Ice Machinery Corporation, 5051 Santa Fe Ave., Los Angeles, at $3635 submitted low bid to Veterans Administration, Washington, D. C., for constructing ice cream making plant at the Veterans' Administration Facility, Walla Walla, Wash. Second low bid was submitted by Creamery Package Mfg. Co., Chicago, Ill., at $3647.

Complete bids will be published shortly.

LOW BIDDERS

PORTLAND, Oregon—Otis Elevator Co., 1 Beach St., San Francisco, at $6090 submitted low bid to Veterans Administration, Washington, D. C. for constructing alterations to elevator in Building No. 4 at the Veterans Administration Facility, Portland, Oregon. Second low bid was submitted by George Isackson, at $7490.

Complete bids will be published shortly.

9— HOSPITALS

Contracts Awarded.

ADDITION Cost, $14,00
HEALDSBURG, Sonoma Co., Calif. Lytton Home Grounds.
One-story brick hospital (12 beds) asbestos shingle roof; steam heating system to connect to main plant tile and linoleum floors, etc.; 90x39 feet.
Owner—Dr. C. W. Weaver, Memorial Hospital (Colonel W. G. White, Supt.), Healdsburg.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Mgr. of Constr — J. Pordon, Healdsburg.
Plumbing — A. W. Garrett, Healdsburg.
Brick Work — Burgett Bros., Healdsburg.
Carpentry work is being done by day's labor.
As previously reported, concrete aggregated awarded to Harvey Taylor, Healdsburg.

Commissioned To Prepare Plans.

HOSPITAL Cost, $200,00
SANTA ROSA, Sonoma Co., Cal.
Steel frame hospital building (200-bed capacity).
Owner—County of Sonoma.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer), Courthouse, Santa Rosa.
Application filed with PWA for loan and grant to finance project.

To Ask Bids Within Few Days.

AUDITORIUM Cost, $—
OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.
One-story frame and stucco auditorium (to seat 300).
Owner—West Oakland Home.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Planned.

ADDITION Cost, $1,00
LAKEPORT, Lake Co., Calif.
Alterations and additions to county hospital.
Owner—County of Lake.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Application will probably be filed with the PWA for funds to assist in financing the improvements.

1— HOTELS

Contract Awarded
ALTERATIONS Cost, $2,500
HALF MOON BAY, San Mateo Co., Cal. Main Street.
Alterations to hotel.
Owner—S. Bellil, Etheldore, Moss Beach.
Architect—Not Given.
Contractor—M. J. Vermardo and Karl J. Levin, premises.

1—ICE AND COLD STORAGE PLANTS

CONTRACT AWARDED
SAN MATEO, Cal.—Cyclops Iron Works, 837 Folsom St., at $11,064 awarded contract by County Supervisors for furnishing and installing ice machinery in the Community Hospital, San Mateo.

1— POWER PLANTS

BIDS WANTED
SACRAMENTO, Cal.—Until August 6, 10 A. M., bids will be received by J. F. Patterson, Clerk, Sacramento County Supervisors, for furnishing and installing oil and gas burning equipment for the three 185-h.p. Sterling boilers located in the boiler room at the Sacramento Hospital.
Plans and specifications may be obtained from the County Engineer.
12

July 30, 1935

PREPARING PRELIMINARY PLANS
BAKERSFIELD, Kern Co., Cal.—Kern County Supervisors have authorized Architect Chas. H. Biggar, Haberfelde Bldg., Bakersfield, to prepare preliminary estimates and a PWA application for a proposed cooling system to be installed in the Kern County Courthouse. Tentative estimates place the cost at around $30,000.

CONTRACT AWARDED
SAN FRANCISCO.—K. E. O'Mara, 220 McAllister St., at $218 awarded contract by Department of Public Works for removing 64 3-in. diameter tubes in boiler at the Edward Robeson Taylor School, Burrows and Somerset Streets. Work involves replacing with new tubes, thoroughly cleaning boiler and removing all debris.

3— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED
SAN QUENTIN, Marin Co., Cal.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at $12,248 submitted low bid to Division of Architecture, Sacramento, for structural steel frame for the Industrial Building at San Quentin. Complete bids follow:
Herrick Iron Works, Oakland, $12,248.
Pacific Coast Steel Co., San Francisco, $12,530.
Golden Gate Iron Works, San Francisco, $12,990.
Judson Pacific Co., San Francisco, $13,121.
Minneapolis Moline Power & Implement Co., $14,868.
Schrader Iron Works, San Francisco, $15,690.
Bids held under advisement.
Work is being done by prison labor. Bids on steel sash, miscellaneous steel and roofing will be asked at a later date.

Preparing Preliminary Plans.
ADDITION Cost, $180,000
REDWOOD CITY, San Mateo Co., Cal.
Addition to courthouse.
Owner—County of San Mateo.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
A bond election will be held in the near future and an application will be filed with the PWA for a grant to assist financing.

TO REJECT BIDS.
FRESNO, Fresno Co., Calif.—Fresno City Council has agreed to permit M. J. Reeves Heating Co., 959 Natoma St., San Francisco, to withdraw its bid on mechanical equipment for the auditorium if the PWA authorities approve.
If withdrawal is permitted by the PWA the City Council will advertise for new bids on the mechanical equipment.

BOND ELECTION
DALY CITY, San Mateo Co., Cal.—Daly City will vote on August 24, on a proposal to issue bonds in the amount of $35,000, proceeds to finance construction of civic improvements in Daly City. Work includes community center building, new library, modernizing city hall and firehouses, etc.
Preliminary plans have been prepared by Architect Thomas Edwards, 9 Geary St., San Francisco.

BIDS OPENED
SAN FRANCISCO.—Royal Floor & Linoleum Co., 475 Sutter Street, at $336 submitted low bid to Department of Public Works for tearing up approximately 80 square feet of cork tile and relaying new cork tile in its place at the Public Library, McAllister and Larkin Streets.
Complete bids follow:

Royal Floor & Linoleum Co.	$336
Malott & Peterson	467
W. E. Anderson	480
McNelly-Lacquer Company	529
Van Pleet-Freear Company	560
L. S. Case, Inc.	650

Bids held under advisement.

BIDS WANTED
SAN FRANCISCO—Until August 7, 1:45 P. M., informal bids will be received by Department of Public Wks., Room 251, City Hall, for installing metal stairway and catwalk at the Civic Auditorium.
Further particulars may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall.

BIDS WANTED
SAN FRANCISCO—Until August 14, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for furnishing and installing acoustical material in the Controller's Office, City Hall. Cost estimated at $4000. Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall. No deposit required.

14— RESIDENCES

Contract Awarded.
ALTERATIONS Cost, $7,000
BERKELEY, Alameda Co., Cal. Taylor Gardens.
Alterations and additions to residence.
Owner—J. O. Moore.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $3,000
SAN FRANCISCO. W 17th Ave. 120 S. Lincoln Way.
One - story and basement frame and stucco residence.
Owner—W. Boernsen, 1495 18th Ave.
Contractor—Carl Olson, 1495 18th Avenue.

Plans Being Figured—Bids Close August 5.
RESIDENCE Cost $7,[illegible]
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. O'Brien.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Following will submit bids:
W. V. Bernard, R. F. D. Box 18-E, Berkeley.
J. R. Armstrong, 1131 Fleet Road, Oakland.
F. W. Confer, 976 Keeler Avenue, Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E 26th Avenue S Kirkham Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—John J. McDonough, 1280 19th Ave.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1181 Grizzly Peak Blvd.
One-story frame and stucco residence (five rooms).
Owner—Jack Imrie, 1068 Spruce St., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 632 Mountain Blvd.
Two - story frame and stucco residence (6 rooms).
Owner and Builder—H. L. Crocker, Jr., 30 Wilding Lane, Oakland.
Architect—Not Given.

To Ask Bids In One Week.
RESIDENCE Cost, $——
SAN FRANCISCO. Sherwood Forest.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—B. L. Lechens.
Architect—Harold Stoner, 698 Portola Drive, San Francisco.

Plans Being Completed.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County, Calif.
Two-story brick residence (12 rooms, 4 baths) wood exterior, slate roof, steel and wood sash, gas heating system, air conditioning system.
Owner—Mr. and Mrs. Lloyd Liebes.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Bids will be asked from a selected list of contractors within a few days.

Plans Being Prepared.
RESIDENCE Cost, $5550
RICHMOND, Contra Costa Co., Cal. Mira Vista Highlands.
Two-story frame and stucco residence (7 rooms, 2 baths, 2 lavatories, double garage) shingle roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Albert S. Adcock.
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
PITTSBURG, Contra Costa Co., Cal.
Two-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.

Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—C. E. Atkinson, 3125 61st St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. Cragmont Avenue.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in aboue 1 week.

Contract Awarded.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. The Alameda.
Two-story frame and stucco residence (6 rooms, baths) shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Low Bidder.
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two - story frame, stucco and brick residence (English style) shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Val Bellantine.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Olaf Peterson, 3626 Rhoda Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
ALAMEDA, Alameda Co., Calif. 1420 Union Street.
One - story and basement frame and stucco residence (five rooms).
Owner and Builder—J. P. Stephensen, 1300 Webster St., Oakland.
Architect—Not Given.

To Ask Bids
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
One - story and basement Monterey Colonial type residence (5 rooms, 1 bath) shake roof, oak floors, wood and steel sash, gas warm-air heating system, etc.
Owner—Mrs. F. R. Axton.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co., Cal. Hillsborough Oaks.
Two-story California Farmhouse type residence (8 rooms, 2 baths and lavatory) wood frame, stucco and brick exterior, oak floors, wood sash, all tile roof, warm-air forced draught heating system.
Owner—Withheld.
Architect—Mario Carbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
RESIDENCE Cost, $——
SAN CARLOS, San Mateo Co., Cal.
One-story French Provincial type residence (5 rooms and 1 bath) frame and stucco construction, shingle roof, air heating system, oak floors, wood sash, etc.
Owner—Ivan Olson.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Arthur M. Glover, 1341 White Oak Way, San Carlos.

Contract Awarded.
RESIDENCE Cost, $——
ATHERTON, San Mateo Co., Cal.
Two-story California Farmhouse type residence (8 rooms, 2 baths and 1 lavatory), board, stucco and brick exterior, warm-air forced-draught heating system, Oak floors, wood sash, shake roof, etc.
Owner—Withheld.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Lloyd O'Brien, % Architect.

Contract Awarded.
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 1423 Union Street.
One - story and basement frame and stucco residence (five rooms).
Owner—Alameda Builders, 1361 Park St., Alameda.
Architect—Not Given.
Contractor—S. J. Dowling, 2800 Clay St., Alameda.

July 25, 1935

Contract Awarded
RESIDENCE Cost, $6,500
ALAMEDA, Alameda Co., Cal. Fernside Tract.
Two-story frame and stucco residence
Owner—A. P. and Ann Zimmermann.
Architect—Not Given.
Contractor—Chas. D. Lyon, 6501 Buena Ventura St., Oakland

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Sola 77 E Marcella.
Two one - story and basement frame and stucco residences.
Owner and Builder—Conrad Sandeen, 82 Jordan Street.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $6,500
OAKLAND, Alamdea Co., Cal. Piedmont Pines: Chelton and Darnby Drive.
Two-story frame and stucco residence (7 rooms).
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $——
BAYWOOD PARK, San Mateo Co.
Two-story Monterey Colonial type residence (6 rooms and 2 baths), shingle tile roof, frame and stucco construction, wood and brick exterior oak floors, tile baths, wood sash, gas warm-air heating system, etc.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be taken in about thirty days.

Contract Awarded.
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal.
One-story and basement Monterey Colonial type residence (5 rooms and 1 bath) shingle roof, wood and frame exterior, warm-air heating system, wood sash, etc.
Owner—John J. Heffernan.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 24th Avenue N Ocean Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builders—Fernando Nelson & Sons, 2901 19th Ave.
Plans by Owners.

Contract Awarded.
RESIDENCE Cost, $6
OAKLAND, Alameda Co., Cal.
4005 Oakmore Road.
Two-story frame and stucco reside
(6 rooms).
Owner—G. T. Edmonds and W. Holden, 291 Lester Ave., Oakla
Architect—Not Given.
Contractor—McNutt Bros., 7615 Le ton Ave., El Cerrito.

Contract Awarded.
RESIDENCE Cost $
OAKLAND, Alameda Co., Cal.
5716 Chelton Drive.
Two-story frame and stucco reside
(7 rooms).
Owner—L. T. Dobbins and G. G. Al
1998 San Antonio Ave., Berkeley
Architect—Not Given.
Contractor—Allen & Allen, 3471 Lau Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $7,
SAN FRANCISCO. Dewey Blvd., F est Hill.
Two-story frame and stucco reside
Owner—F. Amandes, 1879 18th Ave
Plans by Owner.
Contractor—Aetna Const. Co., 238 leta Street.

Contract Awarded.
ALTERATIONS Cost, $10,
SAN FRANCISCO. 2150 Washingt
Alterations to residence
Owner—F. McGinnis, premises
Architect—Not Given.
Contractor—A. F. Mattock, 212 Cla

Contract Awarded.
RESIDENCE Cost, $5,
Burlingame Gables.
SAN FRANCISCO. W 17th Ave.
N Noriega.
One - story and basement frame a stucco residence.
Owner—M. Odair, 1842 18th Avenu
Architect—Walter Falch, Hearst Bl
Contractor—Robert Galway, 2071 S ter Street.

Contract Awarded.
RESIDENCE Cost, $—
HILLSBOROUGH, San Mateo Co., C Hillsborough Oaks.
Two-story California Farmhouse ty residence (8 rooms, two baths a lavatory) wood frame, stucco a brick exterior, oak floors, wo sash, all tile roof, warm-air forc draught heating system.
Owner—Withheld.
Architect—Mario Corbett, Benjam Franklin Hotel, San Mateo.
Contractor — Hugh MacDonald, 9 Rosewood St., San Carlos.

Bids Still Being Taken.
RESIDENCE Cost, $14,0
SAN FRANCISCO. Green Street ne Calhoun Street.
Two-story and basement frame a stucco residence.
Owner—Dr. Hans Klussman.
Architect—L. Schalk, 526 Powell S San Francisco.
Award will be made shortly.

Contract Awarded.
RESIDENCE Cost, $—
LODI, San Joaquin Co., Cal. Ws nut and Avena Avenue.
One-story and basement Californ style residence (5 rooms) wo shingle roof, wood siding, g floor furnaces, tile bath, hardwo floors, wood sash, etc.
Owner—Woman's Building Assn. Lodi (Mrs. John S. Montgomer chairman of Building Committe
Architect—Victor Galbraith, 1035 V Acacia St., Stockton.
Contractor—F. C. Bender, 104 Sout Washington St., Lodi.

Pns Being Figured—Bids Close Aug. 8, 1 P. M.
RSIDENCE Cost, $5,000
HAYWARD, Alameda Co., Cal. Sunset Blvd.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Oner—Withheld.
Ahitect — G. P. Simonds, 192 Main St., Hayward.

Ctract Awarded
RSIDENCE Cost, $5,000
OKLAND, Alameda Co., Calif. 5967 Harboard Drive.
Two-story frame residence (5 rooms)
Oner—Frank Portland, 716 Mandana Blvd., Oakland.
Ahitect—Not Given.
Ctractor—Willis F. Lynn, 137 Ashmount Ave., Oakland.

Ctract Awarded
RSIDENCE Cost, $5,000
OKLAND, Alameda Co., Calif. 3000 Morcom Avenue.
One - story and basement frame and stucco residence (6 rooms).
Oner—H. A. Pleitner, 4021 E. 14th St., Oakland.
Ahitect—Not Given.
Ctractor—John Flagg, 4021 E 14th St., Oakland.

Ctract Awarded
ATERATIONS Cost, $1,500
SN FRANCISCO. 3103 Washington Street.
Aerations to residence.
Oner—Rose Callieau, premises.
Ahitect—John D. Young, 2002 California Street.
Ctractor — MacHantzsche, 455 32nd Avenue.

July 30, 1935

T Be Done By Day's Work.
RSIDENCE Cost, $5,000
OKLAND, Alameda Co., Cal. 2009 Clemens Road.
To-story frame and stucco residence (six rooms).
Oner and Builder—J. M. Kinley, 631 Hillsborough St., Oakland.
Ahitect—Not Given.

Bs In.
RSIDENCE Cost, $——
SN FRANCISCO. Seacliff.
To-story frame and stucco residence
Oner—Ralph A. Head.
Ahitect—Masten & Hurd, 233 Post Street.
nnouncement will be made shortly.

Sb-Bids Being Taken.
RSIDENCE Cost, $25,000
SN FRANCISCO. Seacliff.
To - story and basement frame and stucco residence (9 rooms and 3 baths) tile or slate roof, hardwood floors, tile baths, etc.
Oner and Builder—M. A. Little Bldg. Co., 107 24th Avenue.
Ahitect—Masten & Hurd, 233 Post Street.

Cner Taking Bids.
RSIDENCE Cost, $5000
SN FRANCISCO. Twenty-second St. near Eureka St.
One-story frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, hardwood floors, tile bath, etc.
Cner—Mutual Realty Co., 3366 22nd St., San Francisco.
Ahitect — C. O. Clausen, 746 46th Ave., San Francisco.

Cmplete Plans.
RSIDENCE Cost, $5000
HAYWARD, Alameda Co., Calif.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Bids will be taken July 31.

Plans Completed.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty-third Ave. 175 N Santiago St.
One-story and basement frame and stucco residence.
Owner—Ethel G. Smith.
Architect—Not Given.
Manager of Constr.—C. M. Cook, 2363 33rd Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $3,500
EAST PALO ALTO, Santa Clara Co., Calif. Almond Street.
One-story frame residence.
Owner—H. J. Farley.
Architect—Not Given.
Contractor—C. F. Klaustermeyer, 554 Almond St., East Palo Alto.

Contract Awarded.
RESIDENCE Cost, $4500
SAN FRANCISCO. NE Wayland and Goettingen Sts.
One-story and basement frame and stucco residence.
Owner—Emil Lagger.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — Ernest Lombardi, 1218

Preparing Working Drawngs.
RESIDENCE Cost, $14,000
WALNUT CREEK, Contra Costa Co., Calif.
One-story brick residence (12 rooms, 4 baths) shake roof, oil burning steam heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked about Aug. 15.

To Ask Bids About August 6.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story frame and stucco residence (7 rooms and 2 baths), shake roof, gas hot air heating system, steel sash, hardwood floors, tile baths, etc
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCES Cost, $——
SAN FRANCISCO. Moncada Way S. Palamar.
Two 2-story and basement frame and stucco residences (5 rooms, breakfast nooks, 2 baths, etc.) tile roofs hot air furnaces, steel and wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—M. J. Rist, Phelan Bldg.
Contractor—A. J. Wilbe, 318 Kearny.

Contract Awarded.
RESIDENCE Cost, $3000
MILLBRAE, San Mateo Co., Cal.
One-story frame and stucco residence.
Owner—Dr. Lawson.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Seacliff.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Avenue.
Architect—Masten & Hurd, 233 Post Street.

Plans Completed.
RESIDENCE Cost, $8000
SAN FRANCISCO. 8th Francis Wood
Two-story frame and stucco residence (7 rooms and 3 baths).
Owner and Builder — Henry Papenhausen, 595 Victoria St., S. F.
Architect—Masten & Hurd, 233 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E Rousseau 175 W Cayuga.
One - story and basement frame and stucco residence.
Owner & Builder—Elihu Shapiro, 658 18th Avenue.
Architect—Not Given.

Additional Sub-Contracts Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Three - story frame and stucco residence (18 rooms, 7 baths) shingle tile roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Bartlett B. Heard.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Walter Sorensen, 2940 Piedmont Ave., Berkeley.
Plumbing—Jevons Plumbing & Heating Co., 1514 University Avenue, Berkeley.
Brick Work—Victor Devight, 1828 Milvia St., Berkeley.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Electric — Electric Construction Co., 6100 Hayes St., Oakland.
Roofing—George Tyler, 354 Hobart St. Oakland.
Painting—Hurtig and Lindahl, 1536 Edith St., Oakland.
Plastering—J. Rinaldi, 836 52nd Street Oakland.
Heating—Aladdin Heating Cor., 5167 Broadway, Oakland.
Floors—Inlaid Floor Co., 4067 Watts St., Emeryville.
Sheet Metal—J. C. Owens, 1616 Carlton St., Berkeley.
As previously reported, excavation awarded to J. Catucci, 1212 18th Ave. Oakland; mill work to Pacific Mfg. Co., Santa Clara; lumber to Tilden Lumber Co., foot of University Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Cal. Elder Street.
One - story and basement frame and stucco residence.
Owner—Tom Brennan.
Architect—Not Given.
Contractor—C. O. Blincoe, 2663 15th Ave., San Francisco.

Low Bidder.
RESIDENCE Cost, $7,500
SAN FRANCISCO. Ashbury Terrace.
Two-story frame residence (Colonial style) 8 rooms, 2 baths; composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 18th Avenue.

Contract Awarded.
RESIDENCE Cost, $15,000
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths), French style; shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—M. Moreshead.
Architect — W. B. Farlow, 1478 16th Ave., San Francisco.
Contractor — Moore & Roberts, 693 Mission Street, San Francisco.

Contract Awarded.
RESIDENCE Cost, $12,000
SALSALITO, Marin Co., Calif.
Two-story and basement frame residence (8 rooms and 3 baths) redwood siding, shingle and mastipave roofing, tile baths, steel sash hardwood floors, oil or gas hot air heating system, etc.
Owner—W. H. Hall.
Architect—F. L. Confer, 2812 Russell Street, Berkeley
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Low Bidder.
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Cal. Sunnyhills Road and Hillwood Place.
Two-story frame and stucco residence (7 rooms, 2 baths) double garage, tiled baths, shingle roof, gas fired furnace, hardwood floors, etc.
Owner—Mrs. Hazel Culin.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Bids held under advisement.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1801 Clemens Road.
One-story frame and stucco residence (5 rooms).
Owner and Builder—Paul Mortensen, 2417 Palmetto St., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 6424 Shafter Avenue.
One-story frame residence (4 rooms).
Owner—W. V. Davis, 6074 Chabot Rd., Oakland.
Architect—Not Given.
Contractor—N. H. Sjoberg & Son, 6504 E-16th St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda County, Calif. Claremont District.
Two-story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof, hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor — G. P. W. Jensen, 320 Market St., San Francisco.
Excavation and Concrete—Louis Sartorio, 2627 Lombard St., S. F.
Reinforcing Steel—Gunn Carle & Co., 20 Potrero Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Forty-sixth and J Streets.
Two-story and basement frame and concrete residence (10 rooms and 4 baths); Tudor style; stucco exterior, half timber, cast stone, steel windows, tile roof steel sash, etc.
Owner—Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Bids will be asked about August 12.

Bids In—Under Advisement.
RESIDENCE Cost, $——
SAUSALITO, Marin Co., Cal.
Two-story and basement frame residence (8 rooms and 3 baths) redwood siding, shingle and mastipave roofing, tile baths, steel sash hardwood floors, oil or gas hot air heating system, etc.
Owner—W. H. Hall.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Announcement will be made within a few days.

Low Bidder.
RESIDENCE Cost, $——
EMERALD BAY, Eldorado Co., Cal.
One - story Colonial type residence (frame construction, shingle roof, oak and linoleum floors, linoleum and tile in bathrooms, tile drainboard, electric heating system).
Owner—J. B. Finnell.
Architect—Robt. H. Ainsworth, Central Bldg., Pasadena.
Low Bidder—C. E. Polikowsky, 2100 Midlothian Drive, Altadena.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1471 Trestle Glen Road.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—H. P. Fisher, 376 17th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Twenty-sixth Ave. N Ocean Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.

15— SCHOOLS

Preparing Preliminary Plans.
ADDITION Cost, $——
PAJARO, Monterey Co., Cal.
Addition to grammar school (add one classroom and two toilets).
Owner—Pajaro Union School District.
Architect — Chas. Butner, 51 Maple St., Salinas.
Application filed with the PWA for grant to assist financing.

TO ASK BIDS SHORTLY
TUCSON, Ariz. — Regents of the University of Arizona, Tucson, announce that bids will be advertised about August 15 for the new administration building and the women's gymnasium building to be built on the college campus in Tucson. Construction of a museum building and a classroom building was started recently by the Jay J. Garfield Building Co., 725 E. 16th St., Tucson. Roy Place, 11 E. Pennington St., Tucson, architect.

Commissioned To Prepare Plans.
SCHOOL Cost, $——
CONCORD, Contra Costa Co., Calif.
New school building.
Owner—Clayton Valley School Dist.
Architect—E. W. Cannon, 81 Echo St. Oakland.
Application will be filed with PWA for funds to finance proposed structure.

BIDS OPENED
SAN FRANCISCO—Skelly & Kohler, 1344 9th Ave. at $2285 submitted low bid on plumbing and Hotchner Bros., at $4234 submitted low bid on electrical work to Department of Public Works for plumbing, gas fitting and electrical work at the Lowell High School, Groce, Ashbury and Hayes Sts. and Masonic Ave. Complete bids follow:

Plumbing and Gas Fitting

Skelly & Kohler	$2285
Scott Company	3577

Electrical Work

Hotchner Bros	$4234
G. H. Armstrong	4242
N. C. Nicklassen	7200
Globe Electric Works	8200

Bids held under advisement.

BIDS WANTED
SANTA YNEZ, Santa Barbara C Cal.—Until August 12, 8 P. M., l will be received by the Santa Y Valley Union High School District construction of school buildings Santa Ynez, a PWA project. Pl and specifications may be obtai from the architect, E. K. Lock 117 E. De la Guerra St., Santa F bara, upon deposit of $10. The bu ings will be wood frame structu with stucco exteriors, tile roof concrete and wood floors, heat plant, etc. All bids received for project on June 18 were rejected.

LOW BIDDER
LOS ANGELES, Cal.—Contract Engineers, Inc., 2310½ W. Ver Ave., submitted low bid to Los geles Board of Education at $82,5 for reconstruction, rehabilitation strengthening of the main buildi less the central portion, at the E man Street School, 1200 S. Eastn St. E. L. Taylor, 1128 Citizens Na Bank Bldg., Architect, and L. Parker, 804 Architects Bldg., Str tural Engineer. Cost, estimated $76,356.

CONTRACT AWARDED
SAN FRANCISCO—Knittle Br 224 Fifth St., at $3747 awarded c tract by Department of Public Wo for furnishing and installing heat system in the Douglas School, C lingwood and 19th Streets.
Complete bids published July 25.

Preparing Sketches.
ADDITIONS Cost, $20
CORNING, Tehama Co., Calif.
Boiler room, band room and stud farmers building (reinforced c crete construction) new cen steam heating plant.
Owner — Corning Union High Sch District.
Architect—W. E. Coffman. For Bldg., Sacramento.

NEW BOND ELECTION PLANN
CLOVERDALE, Sonoma Co., C —Cloverdale Union High School D trict will call a new bond issue the amount of $31,000 in the near ture, proceeds to finance constr tion of a one-story frame and stu academic building at Cloverdale. P vious bond election declared inv due to nine technical errors. A n date for the election will be set sh ly. Plans are being prepared by chitects Herbert and Caulkins, R enberg Bldg., Santa Rosa.

CONTRACTS AWARDED.
ANTIOCH, Contra Costa Co., —Antioch Live Oak Union School D trict awarded the following contra for work at the Antioch schools:
(1) Replace piping system of ho ing plant in Antioch Grammar Sch T. J. Kennedy, Martinez.
(2) Fencing at Grammar Sch playground from high school line 13th Street, approximately 570 f Fence to be 6-ft. high, No. 9 ga wire, 2-in. mesh of Keystone, or er standard make: Trimbath & Fr rickson, Antioch, $800.08.
(3) Resurfacing court of gram school, about 22,500 sq. ft. and pl ground of primary school, about 20 sq. ft.; F. Stamm, Antioch.
(4) Extend surfaced area of gr mar school playground, using r and dust similar to that in pres finished playground, etc.: Ransc Co., Emeryville.

BIDS WANTED
VAN NUYS, Los Angeles Co., —Until August 8, 10:30 A. M., l will be received by the Los Ang board of education purchasing bure

25 S. San Pedro St., for a two-story room, Class A, reinforced concrete administration building to be built at Van Nuys high school, 6535 Cedros Ave., Van Nuys. Allison & Allison, 1014 Edison Bldg., architects. Cost, $150,000.

BIDS REJECTED

ALAMO, Nev.—Alamo High School District rejected all bids for the construction of a new high school building in Alamo, Nevada. Plans will probably be revised and new bids asked at a later date.

Bids Rejected.

ADDITION Cost, $23,000
WADSWORTH, Washoe Co., Nevada.
Addition to existing high school building (add heating system, etc.)
Owner — Wadsworth School District No. 11.
Architect—Not Given.
Bids rejected. Plans will probably be revised and new bids asked at a later date.

BIDS OPENED

OAKLAND, Cal.—John E. Branagh, 16 Monticello, Piedmont, at $8,270 submitted low bid to Oakland Board of Education for seven portable buildings on the grounds of the Oakland High School, located at Park Blvd and Hopkins St., Oakland
Complete bids follow:

John E. Branagh, Piedmont	$8,270
G. Johnson, Oakland	8,489
M. Norgrove, Berkeley	9,875

Bids held under advisement.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until August 1, 7:30 P. M., bids will be received by A. C. Barker, Secretary, Palo Alto Board of Education, for furnishing and installing steam heating system in the Lytton School and portions of the Palo Alto High School in Palo Alto.

Commissioned To Prepare Plans.

SCHOOL Cost, $70,000
HERMISTON, Oregon.
One and part two-story and basement concrete school building (12 rms.) gymnasium, 90x60 feet; large stage in auditorium, septic tank and sewage disposal system, etc.
Owner—Hermiston School District.
Architect—John Tourtellotte, Postal Bldg., Portland.

Being Done By Day's Work.

SCHOOL UNITS Cost, $——
ANGWIN, Napa Co., Cal.
Two-story frame and stucco classroom and library (16 classrooms) composition roofing, wood floors:
Owner — Pacific Union College (Dr. Smith, President).
Architect — Chester H. Treichel, 636 Cleveland Ave., Oakland.
Work is being done by day's labor under the supervision of the owner.

BOND ELECTION

CLOVERDALE, Sonoma Co., Cal.—Cloverdale Union High School District will vote August 20 on a proposal to issue bonds in the amount of $31,000, proceeds to finance construction of a one-story frame and stucco academic building at Cloverdale.

Plans are being prepared by Architects Herbert and Caulkins, Rosenberg. Bldg., Santa Rosa.

BOND ELECTION

LAKE COUNTY, Cal.—Burns Valley School District will vote August 22 on a proposal to issue bonds in the amount of $16,500, proceeds to finance construction of a new school in Lake County.

Preparing Working Drawings.

IMPROVE SCHOOL Cost, $100,000
MONTEREY, Monterey Co., Cal.
Improvements and reconstruction of high school buildings to comply with state earthquake ordinance.
Owner — Monterey Union High School District.
Architect—Robert Stanton, Carmel.
Structural Engineer — Richard Ware, Central Bldg., Pasadena.

AWARDS APPROVED

SEBASTOPOL, Sonoma Co., Cal.—PWA approved the following awards for furnishing and installing furniture and equipment in the high school building now under construction in Sebastopol for the Analy Union High School District.

Auditorium Seats—American Seating Co., 521 Mission St., San Francisco, $4,459.05.
Stage Drapes—Fred E. Turner Co., 557 Market St., San Francisco, $991.75.
Window Shades—Peabody Seating Co $998.75.
Laboratory Furniture—General Seating Co., 160 2nd St., San Francisco, $3,000.
Desks—General Seating Co., $2,996.80.
Library Furniture and Sewing Tables—General Seating Co., $1,710.
Locks—W. W. Kirk, $784.00.
Complet bids published July 18.

Preparing Sketches.

GYMNASIUM Cost, $——
MADERA, Madera Co., Cal.
New gymnasium.
Owner — Madera Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.
Application has been filed with the PWA for a grant to assist financing.

BIDS WANTED

ALUM ROCK, Santa Clara Co., Cal.—Until August 9, 7:30 P. M., bids will be received by Theresa Hauck, Clerk, Alum Rock Union School District, for two room temporary frame structure at the Pala School grounds, Alum Rock.

Plans and specifications may be obtained at Room 4, Realty Bldg., 19 N. Second St., San Jose.

BONDS VOTED

MILLBRAE, San Mateo Co., Cal.—Millbrae Elementary School District voted bonds in the amount of $52,000 July 24 to finance construction of improvements to the Millbrae Elementary School on Chadbourne Ave., Millbrae, and the Lomita Elementary School on Santa Helena Ave., Lomita Park.

Work involves construction of three new classrooms, enlarging auditorium, new steam heating system, new plumbing system, new lunch room and general repairs at Millbrae School, and constructing two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs at the Lomita Park School.

Preliminary plans prepared by Architect Thomas M. Edward, 9 Geary St., San Francisco.

Preparing Preliminary Plans.

GYMNASIUM Cost, $10,000
RED BLUFF, Tehama Co., Cal.
One-story frame and stucco gymnasium.
Owner—Red Bluff Union High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Application filed with the PWA for loan and grant to finance project.

BONDS VOTED

TULARE, Tulare Co., Calif.—Tulare High School District voted bonds in the amount of $90,000 July 25 to finance construction of two new classroom buildings and repairs to the gymnasium at Tulare.

Sub-Contracts Awarded.

SCHOOL Cont. Price, $18,[illegible]
TAHOE CITY, Placer Co., Calif.
One-story wood frame grammar school (three classrooms, assembly and kitchen) shingle roof, wood floors
Owner—Tahoe City Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—W. C. Keating, Forum Bldg., Sacramento.
Plumbing—Nicholson & Son, Vacaville.
Concrete—Carl Fiedler, Sacramento.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Lumber—Diamond Match Co., Sacramento.
Ornamental Iron—Alling Iron Works.

Preparing Plans.

GYMNASIUM Cost, $65,000
AUBURN, Placer Co., Cal.
Reinforced concrete and steel gymnasium.
Owner — Placer Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Application filed with the PWA for grant to assist financing.

Plans Awaiting PWA Approval.

RECON. SCHOOL Cost, $100,000
OAKLAND, Alameda Co., Cal. No. 1926 19th Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Bids Wanted—To Close Aug. 16, 8:00 P. M.

ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School, brick construction, composition roofing, extension of present steam heating system, wood floors, etc.
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect.

BIDS OPENED

SAN FRANCISCO—Empire Roofing Co., 261 Silver Ave., at $64 submitted low bid to Department of Public Works for tar and brick roof on bungalows at the Daniel Webster School, Mission and 19th Streets. Work involves five-ply tar and brick roofing, approximately 11 squares. Complete bids follow:

Empire Roofing Co.	$64.00
J. W. Bender Roofing Co.	67.50
Alta Roofing Co.	68.50
Malott & Peterson	74.00

Bids held under advisement.

BOND ELECTION

BRISBANE, San Mateo Co., Cal.—Brisbane Elementary School District will vote on August 23, on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a one-story frame and stucco grammar school to contain four classrooms in Brisbane.

Preliminary plans have been prepared by Architect Thomas Edwards, 9 Geary St., San Francisco.

CONTRACT AWARDED

OAKLAND, Cal.—John E. Branagh, 117 Monticello Ave., Piedmont, at $8,-270 awarded contract by Oakland Bd. of Education for seven portable buildings on the grounds of the Oakland High School, located at Park Blvd .and Hopkins St., Oakland.

Complete bids published July 25.

Plans Awaiting PWA Approval.

RECON. SCHOOL Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 5714 Grove Street.
Reconstruction of University High School Shop.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Plans Being Completed

SCHOOL Cost, $36,000
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Bids will be asked in about three weeks.

Commissioned To Prepare Plans.

MACHINE SHOP Cost, $——
SAN FRANCISCO.
New machine shop at George Washington School.
Owner—City and County of San Francisco.
Architect — Miller & Pflueger, 580 Market St., San Francisco.

16— BANKS, STORES AND OFFICES

Contracts Awarded.

ALTERATIONS
SAN FRANCISCO. California and Montgomery Streets.
Alterations to offices (partitions, etc.) (Clunie Building).
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Constructing Department of Owner.
Contractor — Langfelder & Schuster, 815 25th Ave., San Francisco.
Mill Work—Davis Hardwood Co., Bay and Mason Streets.

Bids In—Held Under Advisement.

BUILDING Cost, $15,000
SAN JOSE, Santa Clara Co., Cal. San Fernando and The Alameda.
One-story Class C brick railway express building (composition roofing concrete floors, steel sash, etc.)
Owner — American Railway Express Co., 85 Second St., San Francisco.
Plans by Supt. of Building, Railway Express Agency, 85 Second St., San Francisco.

Upon the return of Mr. McBain bids will be opened.

Planned.

NEWSPAPER PLANT Cost, $10,000
TULARE, Tulare Co., Calif.
New newspaper plant.
Owner—Tulare Times and Advance-Register (Percy Whiteside, Publisher).
Architect—Not Given.

PLANS BEING FIGURED

WEST LOS ANGELES, Cal.—Architect Allen G. Siple, 450 N. Beverly Dr., Beverly Hills, is taking bids for a two-story brick and concrete ten-room newspaper building to be built at 1055 Gayley Ave., West Los Angeles for the Westwood Mortgage & Investment Co.

Construction Postponed Temporarily.

ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Calif. 1430 Franklin Street.
Alterations and additions to store.
Owner—East Bay Title Insurance Co.
Architect—E. T. Foulkes, 357 12th St., Oakland.

Electrical Contract Awarded.

ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 111 Sutter St.
Alterations to ground floor of Hunter-Dulin Bldg. (interior alterations, electrical work, plumbing, painting, plastering and floor covering)
Owner—Dean Witter & Co., 486 California Street.
Architect—Kent & Hass, 525 Market Street.
Electric—Victor Lemoge, 281 Natoma Street.

Plumbing and heating bids are now being taken to be opened July 31, 12 Noon.

Other awards reported July 25.

Plans Completed.

ALTERATIONS Cost, $8,000
SAN FRANCISCO. 363 Sutter Street.
Alterations to club.
Owner—Club Trouville, Inc., premises.
Architect—Not Given.

Plans Being Figured.

ALTERATIONS Cost, $25,000
SAN FRANCISCO. Kearny Street at Maiden Lane.
Alterations to department store bldg.
Owner—Weinstein Co. (Isadore Weinstein, President).
Architect—Hyman & Appleton, 68 Post St., San Francisco.

Bids are being taken from a selected list of contractors.

Sub-Contracts Awarded.

OFFICE BLDG. Cost, $150,000
OAKLAND, Alameda Co., Calif SE Broadway and Thirteenth St.
Two - story steel and concrete office building (to contain 45,000 sq. ft. of floor space).
Owner—Charles Jurgens Company.
Architect—H. A. Minton, 525 Market St., San Francisco.
Agent—Lionel Wachs Company, Bank of America Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.
Roofing — General Roofing Co., 3985 Beach St., Oakland.
Glass—W. P. Fuller & Co., 259 10th St., Oakland.
Stone Work—S. Kulchar, 731 E 10th St., Oakland.
Marble—Ray Cook Marble Co., 1535 Powell St., Oakland.
Sheet Metal—East Bay Sheet Metal Works, 1101 Market St., Oakland.
Ornamental Iron—Frauneder Orn. Iron Works, 335 8th St., Oakland.
Plastering—Wm. Makin, 2141 Livingston St., Oakland.

As previously reported, plumbing and heating awarded to Scott Co., 113 10th St., Oakland; electric to Scott Buttner, 23rd and Webster Streets, Oakland.

Sub-Contracts Awarded.

OFFICE Cost, $5000
SAN FRANCISCO. Market Street and Van Ness Avenue.
One-story Class C brick office building (flat roof, wood floors, wood sash, etc.)
Owner — Pacific Finance Corporation, 55 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Contractor—Cahill Brothers, 206 Sansome Street.
Brick Work—Harry Drake, 666 Mission Street.
Mill Work — Brannan Street Planing Mill, 560 Brannan Street.
Electic—G. H. Armstrong, 1388 Va Ness Ave. South.

July 31, 1935

Contract Awarded.

ADDITION Cost, $40,0
SANTA BARBARA, Santa Barba Co., Calif.
Two - story and basement reinforce concrete addn. to telephone buil ing (stucco exterior, tile wor steam heating system, steel sas linoleum, etc.)
Owner—Santa Barbara Telephone E change.
Architect—Masten & Hurd, 233 Po St., San Francisco.
Contractor—O. J. Kenyon, 21 E. I la Guerra St., Santa Barbara.

Sub-Contracts Awarded

STORE Cost, $—
PITTSBURG, Contra Costa Co., C
One-story frame store building.
Owner—South Port Land & Commercial Company.
Architect—Hugh C. White, 915 Hi croft Circle, Oakland.
Contractor—Cahill Bros., 206 Sansor St., San Francisco.
Lumber—Redwood Mfgs. Co., Pitt burg.
Plumbing—Dockstader & Crane, Pitt burg.
Concrete — Diamond Bldg. Materi Co., Pittsburg.
Roofing & Sheet Metal—Central She Metal & Roofing Co., 3246 Et St., Oakland.
Miscellaneous Iron—Patterson & Ko ter Iron Works, 280 13th St., S Francisco.
Glass—W. P. Fuller & Co., 301 Mi sion St., San Francisco.
Electric—G. H. Armstrong, 1388 V Ness Ave., South. San Francis

PLANS COMPLETED

SAN DIEGO, Cal.—C. R. Hite, Hollywood Roosevelt Hotel, 7006 Hollywood Blvd., has completed plans a will supervise extensive alterations an 8-story building at Fifth Aven and Broadway, San Diego, for t Walker Scott Corp. Work has be started and the various trades w be sub-let. Cost, $50,000. R. M. Wal er, proprietor of the Fifth Street Sto in Los Angeles is president of t Walker Scott Corp.

Bids In — Held Under Advisement

ALTERATIONS Cost, $15,0
SAN FRANCISCO. Market and Ne Montgomery Streets.
Alterations for offices.
Owner—Palace Hotel Co.
Architect—Bliss & Fairweather, Ba boa Bldg., San Francisco.
Lessee — International Mercantile M rine.

Announcement will be made shortl

Plans Being Figured—Bids Close At 5th, 2 P. M.

ALTERATIONS Cost, $25,0
SAN FRANCISCO. Kearny Street Maiden Lane.
Alterations to department store bl
Owner—Weinstein Co. (Isadore Wei stein, President).
Architect—Hyman & Appleton, 68 P St., San Francisco.

Cahill Bros., 206 Sansome Stre and A. F. Mattock, 212 Clara Stre are figuring the plans.

17— THEATRES

Sub-Contracts Awarded

REPAIR THEATRE Cost, $7,
SAN FRANCISCO. SE Ninth Aven and Clement St.
Repair fire damage to theatre (C iseum Theatre).
Owner—S. H. Levin, 25 Taylor Stre

rchitect—Not Given.
ontractor—Ira W. Coburn, 2048 Market Street.
umber—J. H. McCallum, Bryant and Oak Grove Streets.
lectric—Golden Gate Electric Co., 1526 California St.
ill Work—Brannan Street Planing Mill, 560 Brannan St.
oofing—Alta Roofing Co., 976 Indiana Street.
heet Metal—Smith & Son, 4057 18th Street.
Plastering bids will be taken within a few days.

9—MISC. CONSTRUCTION

OW BIDDER

OCEANSIDE, San Diego Co., Cal.—harles G. Ricke, 321 S. Hill Street, ceanside, submitted low bid for the onstruction of a municipal plunge nd bathhouse in Oceanside, a PWA roject. Wm. Lodge, California Bank ldg., San Diego, and Virgil Westrook, San Clemente, architects

ENTATIVE PLANS AWAITING APPROVAL.

LOS ANGELES, Cal.—State Raiload Commission has approved tentaive plans as submitted by the Santa e, Southern Pacific and Union Paific railways for the new passenger tation to be built on the Plaza site n Los Angeles. The building will ave a frontage of 860 feet on Alameda Street and will be 60 feet in eight. An ornamental tower, 120 ft. igh, is included in the plans. Walls vill be constructed of concrete and he roof and floors will be tiled. Contruction of the passenger subway nd ramps is now under way, with A. Barclay, constructing engineer for he Los Angeles Union Terminal Co., n charge. John Parkinson and Donld B. Parkinson, 808 Title Insurance ldg., architects for the building.

CONTRACT AWARDED

WEST LOS ANGELES, Cal.—Geo. Miller, 9401 Brighton Way, Beverly Hills, awarded contract for construction of sound stage No. 8 (139x212-ft.) at the Fox Studio on Santa Monica Blvd., West Los Angeles, for Fox Film Corp. McNeal Swasey, 660 S. Vermont Ave., Los Angeles, architect.

Contract Awarded.

ADMIN. BLDG. & TOLL PLAZA
Contract Price, $360,857

OAKLAND, Alameda Co., Calif. On approach to San Francisco - Oakland Bay Bridge.

Administration building (2-story and basement, 75x75 ft.) one-story garage (70x90 ft.) nine toll booths and canopy; 2000 sq. yds. cement and asphalt concrete paving in toll plaza; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.

Owner—State of California.

Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco.

Consulting Architects—Timothy Pflueger, 580 Market St., San Francisco; Arthur Brown, Jr., 251 Kearny St., San Francisco, and John J. Donovan, 950 Parker St., Berkeley.

Contractor — Clinton Const. Co., 923 Folsom St., San Francisco.

Owner Taking Bids.

CATTLE RAMP Cost, $——

DIXON, Solano Co., Calif.

Cattle ramp (reinforced concrete construction).

Owner—C. Bruce Mace, Dixon.

Engineer—W. E. Murray, 908 Hayes St., San Francisco.

Bids Opened.

YACHT HARBOR Cost, $350,000

SAUSALITO, Marin Co., Cal.

Erect eight buildings, shipyard and steel fencing.

Owner — Golden Gate Yacht Harbor. Ltd., 897 Mills Bldg., San Francisco, (Albert Von Der Werth, President).

Architect—Angus McSweeney, Willis Polk & Co., 277 Pine St., San Francisco.

Low Bidder—C. L. Wold, 4412-16 Fulton St., San Francisco, $111,122.

Contract includes erection of four 2-story frame and stucco buildings to house stores, shops, boat storage space, locker rooms and offices and one small fireproof building for paint shop.

Bids were taken as follows:

(1) Building A;
(2) Building B;
(3) Building C;
(4) Building D;
(5) Building E;
(6) Buildings 1, 2 and 3;
(7) Fence and footings.

Total bids for work complete follow:

(A) C. L. Wold Constr. Co., Ltd., San Francisco, $111,122.
(B) Lindgren and Swinerton, San Francisco, $111,570.
(C) DeLuca & Son, Inc., San Francisco, $115,900.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 7,367	$ 8,300	$ 7,900
(2)	11,839	12,600	12,400
(3)	12,033	12,600	12,400
(4)	24,866	25,100	25,800
(5)	14,317	15,500	15,800
(6)	37,861	34,700	38,900
(7)	2,839	2,770	2,700

Separate bids were taken for constructing pier, bulkhead and wharves, see tabulation.

(Continued on Page 31)

Toll Plaza & Admin. Bldg.—S. F.-Oakland Bay Bridge

ADMINISTRATION BLDG. & TOLL PLAZA. Cost, $——

OAKLAND, Alameda Co., Calif. On approach to San Francisco-Oakland Bay Bridge.

Administration building 2-story and basement, 75x75 feet) one-story garage (70x90 ft.) nine toll booths and canopy; 2000 sq. yds. cement and asphalt concrete paving in toll plaza; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.

Owner—State of California.

Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco.

Consulting Architects—Timothy Pflueger, 580 Market St., San Francisco; Arthur Brown, Jr., 251 Kearny St., San Francisco, and John J. Donovan, 950 Parker St., Berkeley.

Low Bidder—Clinton Const. Co., 923 Folsom St., San Francisco.

Complete bids follow:

(A) Clinton Const. Co., San Francisco $360,857.
(B) MacDonald & Kahn, San Francisco, $365,692.
(C) Dinwiddie Const. Co., San Francisco, $377,294.
(D) Bates & Rogers, Oakland, $407,000
(E) Fredrickson & Watson, Oakland, $423,275.
(F) Cahill Bros., San Francisco, $435-394.
(G) Barrett & Hilp, San Francisco, $436,040.

Unit prices follow:

(1) 17,500 c.y. excavation;
(2) 660 driving timber piles;
(3) 550 c.y. concrete seal;
(4) 1,500 c.y. foundation concrete;
(5) 2,200 c.y. structural concrete;
(6) 40 c.y. concrete railings;
(7) 600,000 lbs. reinforcing and miscellaneous steel;
(8) lump sum waterproofing;
(9) 1,300 c.y. selected base material;
(10) 2,000 tons crusher run base;
(11) 2,000 tons asphalt concrete;
(12) 2 truck scales, 30-ft., 30-ton;
(13) 2 truck scales, 60-ft., 40-ton;
(14) lump sum, Administration Bldg., general construction;
(15) lump sum, Toll Booths and Canopies, general construction;
(16) lump sum, Heating and Plumbing;
(17) lump sum, Electrical Work;
(18) lump sum, Administration Bldg. steel furniture;
(19) 2 each, flag poles;
(20) 2,000 lbs. extra portland cement.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .57	$ .70	$ 1.40	$ 1.25	$ 2.00	$ 2.00	$ 2.00
(2)	20.00	45.00	35.00	34.00	15.00	16.00	45.00
(3)	25.00	13.00	10.50	9.80	13.00	9.60	14.00
(4)	9.30	10.00	8.00	12.00	15.00	11.00	12.00
(5)	13.00	15.00	12.30	15.50	17.00	19.50	18.00
(6)	38.00	50.00	41.00	34.15	35.00	40.00	50.00
(7)	.041	.038	.0385	.0395	.04	.045	.0425
(8)	1,600.00	2,000.00	1,400.00	1,520.00	1,600.00	1,650.00	2,800.00
(9)	1.74	1.25	.90	1.67	1.25	2.25	1.80
(10)	2.30	1.50	1.25	2.20	2.00	2.65	2.50
(11)	4.85	5.00	4.00	4.65	5.00	5.50	5.20
(12)	2,100.00	2,000.00	1,598.00	1,910.00	2,100.00	2,200.00	2,100.00
(13)	2,900.00	3,000.00	1,821.00	2,615.00	3,250.00	3,050.00	3,000.00
(14)	127,500.00	114,167.00	143,000.00	137,323.00	123,000.00	151,190.00	144,200.00
(15)	32,800.00	35,000.00	29,000.00	41,910.00	58,000.00	36,349.00	31,500.00
(16)	20,400.00	20,000.00	19,397.00	23,660.00	24,000.00	24,000.00	23,000.00
(17)	40,000.00	42,000.00	42,000.00	42,785.00	45,500.00	46,000.00	40,000.00
(18)	2,800.00	3,000.00	1,851.00	2,910.00	2,900.00	2,000.00	3,300.00
(19)	300.00	250.00	296.00	300.00	300.00	350.00	650.00
(20)	1.50	1.25	2.185	2.25	2.10	2.47	2.25

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until August 14, 8 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, for furnishing miscellaneous supplies as follows:

Informal Proposal No. 671: -5,000 gals. Ethyl gasoline and 40,000 gals. kerosene, f.o.b. Corporation Yard.

Informal Proposal No. 674: ..Repair parts for Tredent meters.

Informal Proposal No. 675: 3000 ¾-in. brass service stops and 1500 ¾-in. brass corporation stops.

Informal Proposal No. 676: 64,000 lin. ft. rough Oregon Pine lumber.

Informal Proposal No. 677: 21,000 lin. ft. rough Redwood lumber.

Specifications obtainable from the above office.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until Sept. 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 638, for furnishing and installing two 82.-500 kv-a., 180 r.p.m., vertical-shaft, alternating current generators for the Boulder Power Plant, Boulder Canyon Project.

Specifications obtainable from the Bureau of Reclamation at Boulder City, Nevada; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $2 not returnable.

YUMA, Arizona—Until August 14, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 704-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Yuma, Arizona, three 667 Kv-a., single phase, 60-cycle, 33,000/2400-volt transformers, one 34.5 Kv. three-phase lightning arrester; two 34.5 Kv, three-pole, single-throw, gang,operated, air break switches; three 34.5 Kv. expulsion fuses, and one outdoor switching and metering equipment unit, for the Imperial Dam substation, All-American Canal System, Boulder Canyon Project. All apparatus will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

BOULDER CITY, Nevada — Until Sept. 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 639, for furnishing and delivering f.o.b. cars at the shipping point or at Boulder City, two vertical-shaft, 115,000 h.p., 180 r. p.m., hydraulic turbines and two governors with pumping equipment, for regulating the speed of the turbines for installation in the Boulder Power Plant, Boulder Canyon Project. All apparatus will be installd by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $2, not returnable.

BOULDER CITY, Nev.—Until Aug. 19, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 707-D, for furnishing and delivering fob cars at the shipping point or Boulder City, eight two-speed gear motors with reduction gears or eight two-speed motors, only, for use with the cylinder gate hosts on the intake towers at Boulder Dam, Boulder Canyon Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75 not returnable.

BOULDER CITY, Nev.—Until August 29, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 640, for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, structural steel supports gratings, and handrailings for the walkways, stairs and ladders to be installed in the upper Arizona and upper Nevada tunnels at the Boulder Dam, Boulder Canyon Project. The materials will be installed by the government.

Specifications obtainable from the Bureau of Reclamation, Denver, Colo., or Washington, D. C., without charge to prospective bona fide bidders; to others, $3.50, not returnable.

U. S. POST OFFICE DEPT.

WILLOWS, Glenn Co., Cal.—Until August 9, 2 P. M., bids will be received by Postmaster Kline, Willows, for furnishing and installing one new electric water cooler at the Federal Bldg., Willows.

Specifications may be obtained from Mr. Kline at Willows.

WAR DEPARTMENT

FORT MASON, Cal.—Until August 7, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-36-18, for furnishing miscellaneous supplies, including rubber matting; Ash lumber; Douglas Fir lumber; Sugar Pine lumber; galvanized iron brads; hinges; wrought iron pipe; cast malleable iron flanges; standard finages; malleable iron fittings, iron cast bar; open hearth iron and midium mild black steel, etc.

Specifications obtainable from the above office.

FRESNO, Fresno Co., Calif.—Until August 5, 1:30 P. M., bids will be received by Lieut. George T. Stump, Purchasing and Contracting Officer, Fresno District CCC, 414 P Street, Fresno, under Bid No. 5905-36-6, for furnishing materials for construction of CCC Camps as follows:

(1) Lumber;
(2) Wall Felt;
(3) Hardware.

Delivery fob 414 P St., Fresno.

Specifications obtainable from the above office and on file at the office of the DAILY PACIFIC BILDER.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D C., for furnishing miscellaneous supplies and equipment, as follows:

WINCHES, 3 airplane hoisting winches with drum and spares; Mare Island. Sch. 5620; Aug. 9.

PUMP, 1 combined auxillary air and circulating pump & spares; Mare Island. Sch. 5579; Aug. 13.

SOCKETS, 400 steel wire rope sockets; Mare Island. Sch. 5659; Aug. 13.

CABLE, 4,500 ft. interior communication cable; Mare Island. Sch. 5677; August 16.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison Street, San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Aug. 1 3 P. M., bids will be received by A. Brooks, Purchaser of Supplies, Rm 270, City Hall, under Bid No. 141 for furnishing:

(1) 134,000 lf. 6-in. cast iron water pipe;
(2) 15,000 l.f. 8-in. do.

Specifications obtainable from the above office.

ARIZONA STATE

YUMA, Ariz.—On August 12, 10 A. M., the Title Insurance & Trust Co. of Yuma, administrator of the estate of John Mulligan, will offer for sale at 14 Second St., Yuma, the following construction equipment:

1 scarifier plow;
1 rooter plow;
2 beam plows;
1 tumblebug;
1 road grader;
2 500-gallon water tanks;
1 road grader;
11 dump wagons;
1 30 Best caterpillar;
1 beam plow;
7 Fresnos and lead bars;
Iron & equipment blacksmith shop
1 water wagon;
3 International trucks;
Tents and cooking outfit;
2 Chevrolet trucks;
1 Russell portable screening plant consisting of conveyor, rock crusher and trap, ctaerpillar tractor and one 8-ft. blade scraper and incidental tools connected therewith.

The equipment may be seen any day prior to the day of sale at Second St., Yuma.

CANAL ZONE

PANAMA CANAL.—Until Aug. 1 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington D. C., under Circular No. 3076, for the sales of miscellaneous scrap metals and scrap manila rope.

Information obtainable from above office.

LAKE COUNTY

LAKEPORT, Lake Co., Cal.—Until August 5, 8 P. M., bids will be received by the Lakeport City Council D. W. Dillard, City Clerk, Library Bldg., for furnishing road oil in accordance with plans and specifications obtainable from the above office.

CALIFORNIA STATE

STOCKTON, San Joaquin Co., Cal.—Until August 5, 10 A. M., bids will be received by the State Purchasing Agent, 323 State Capitol, Sacramento, under Quotation 3089. Req. 8963. For furnishing one 10-ft. dual drive, power control motor-grader.

Delivery fob Division of Highways Shop 10, Stockton.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipmnt
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

LOW BIDDER

ALASKA—Duffin Iron Co., 4837 S. Kedzie Ave., Chicago, Ill., at $33,497, f.o.b. Chicago, 90 days, submitted low bid to the Consolidated Purchasing & Shipping Unit, 441 Federal Office Bldg., Seattle, for furnishing castings, forgings, structural steel, bolts, pins, and all items for six 250-ft. steel spans complete for the Knik River Bridge. Estimated weight 550 tons.

CONTRACT AWARDED

COWLITZ COUNTY, Wash.—Shehle Constr. Co., 2019 Third St., Seattle, at $110,530 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, July 23, for grading and constructing a 240-ft. steel span with two 60-ft. concrete girder approach spans on State Road No. 1, Toutle River Bridge.

Kuckenberg-Wittman Co., Portland, at $113,221 submitted second low bid, and Rumsey & Co., Seattle, at $113,539 submitted third low bid.

TO ASK FUNDS

SAN JOSE, Santa Clara Co., Cal.—City Council has authorized City-Manager C. R. Goodwin to file application with the WPA for funds to finance construction of a concrete rigid frame bridge, 125-ft. span, 50-ft. wide on concrete piles, across Guadalupe Creek, connecting Prevost and River Streets. Estimated cost, $20,000.

Wm. D. Lotz, 35 W. San Carlos St., San Jose, prepared the plans.

The city will drive the piles at Prevost and River Streets so that construction will not be delayed when funds are allotted.

Wm. L. Popp, City Engineer.

PREPARING PLANS

SAN JOSE, Santa Clara Co., Cal.—City Council has authorized Wm. D. Lotz, 35 W. San Carlos St., San Jose, to prepare plans for the construction of a reinforced concrete bridge on Montgomery St. over Los Gatos River.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS REJECTED

GOVERNMENT ISLAND, Cal.—All bids received by the U. S. Coast Guard, Washington, D. C., December 13, 1934, for the construction of a steel sheet pile bulkhead, approximately 1528 feet in length; boat basin, launchway, timber and concrete anchorages, etc., at Coast Guard Base 11, Government Island, have been rejected and the work will be readvertised.

Ben C. Gerwick, Inc., 112 Market St., San Francisco, at $239,017 was low bidder.

Allotments of $163,000 to the Coast Guard for dredging at Government Island has been approved from Work-Relief funds.

CONTRACT AWARDED

OREGON - WASHINGTON — Tacoma Dredging Co., 1113½ A St., Tacoma, at $0.079 per cu. yd., total $79,000 awarded contract by the U. S. Engineer Office, First Portland Dist., 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for dredging approximately 1,000,000 cu. yds. of material from channel in the Columbia River, extending from the Interstate Highway Bridge at Vancouver, Wash., to the mouth of the Willamette River.

CONTRACT AWARDED

VANCOUVER, Wash. — Parker-Schram Co., Couch Bldg., Portland, at $60,980 awarded contract by the U. S. Engineer Office, First Portland District, 306 Custom House, Portland, Major Milo P. Fox, District Engineer, for constructing a total of about 5360 feet of pile dikes in Columbia River at six different sites, located one to four miles above Vancouver.

CONTRACT AWARDED

OREGON—S. S. Montague, 42 S.E. Salmon Street, Portland, at $52, 920 awarded contract by the U. S. Engineer Office, First Portland District, Major Milo P. Fox, District Engineer, 306 Custom House, Portland, for clearing and grading river bank and constructing approximately 4340 lin. ft. of protective gravel fill and removal and relaying of approximately 7200 sq. ft. of stone revetment, all in the Willamette River, near Independence, Oregon.

LOW BIDDER

OREGON - WASHINGTON.—F. J. Kernan, Portland, and Brookfield Co., Astoria, Oregon, bidding jointly, at $395,178 submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, under Bid No. 694-36-22, for channel improvements in the Columbia River, Oregon and Washington, from Celilo Falls to Wallula.

CONTRACT AWARDED

SEATTLE, Wash.—Tacoma Dredging Co., 1113½ A St., Tacoma, at $0.333 per cu. yd., total $19,030 awarded contract by the U. S. Engineer Office, Seattle, for dredging 57,150 cu. yds. of material from Whatcom Creek Waterway, Bellingham Harbor.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS OPENED

WILLAMETTE RIVER, Ore.—Kern & Kibbe, 42 SE Salmon St., Portland at $80,993 submitted low bid to the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, Major Milo P. Fox, District Engineer, July 24 under Bid No. 698-36-20, for bank clearing, bar clearing, grading of river bank, and constructing approximately 22,635 l.f. of protective gravel fill, all along the Willamette River, between Eugene and Harrisburg.

Bids were taken as follows:

SECTION I

(1) 5 acres bank clearing;
(2) 45 acres bar clearing;
(3) 470 c.y. grading;
(4) 75,060 c.y. protective gravel fill;

SECTION II

(5) 2 acres bank clearing;
(6) 28 acres clearing;
(7) 620 c.y. grading;
(8) 56,690 c.y. protective gravel fill;

SECTION III

(9)1.5 acres bank clearing;
(10) 49 acres bar clearing;
(11) 5,240 c.y. grading;
(12) 148,410 c.y. protective gravel fill;

SECTIONS I, II, III

(13) 8.5 acres clearing;
(14) 122 acres bar clearing;
(15) 6,330 c.y. grading;
(16) 280,160 c.y. protective gravel fill

Complete bids follow:

Kern & Kibbe, Portland: Sections I, II, III: (13) $50; (14) $30; (15) $.20; (16) $.27; total $80,993.

Parker-Schram Co., Portland: Section I: (1) $150; (2) $100; (3) $.30; (4) $.35; total $24,769; Section II: (5) $150 (6) $100; (7) $.40; (8) $.39; total, $25,457; Section III: (9) $150; (10) $100; (11) $.35; (12) $.30; total, $51,582; Sections I, II, III: (13 $1275; (14) $12,200; (15) $2214; (16) $89,650; grand total $105,341.

Kuckenberg - Wittman, Portland, Section I: (1) $50; (2) $100; (3) $.50; (4) $.48; total, $41,013; Section II: (5) $50; (6) $75; (7) $.50; (8) $.48; total, $29,721.

J. A. Lyons, Portland: Section I: (1) $150; (2) $100; (3) $.50; (4) $.33; total, $30,254.

Acme Const. Co., Seattle: Section III: (9) $300; (10) $50; (11) $.30; (12) $.28; total, $46,126.

Guthrie-McDougall, Portland: Sections I, II, III: (13) $100; (14) $100; (15) $.47; (16) $.47; total, $147,699.

Siems-Helmer, St., Paul, Minn: (Hotel Montacello, Longview): Sections I, II, III: (13) $100; (14) $200; (15) $.37; (16) $.37; total, $131,250.

Bids held under advisement.

COMPLETE BID LISTING

LOS ANGELES, Cal.—Rohl - Connolly Co., 4351 Alhambra Ave., Los Angeles, at $27,564 submitted low bid to U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing all labor and material and performing all work for constructing a composite type breakwater approximately 2000 feet long in Los Angeles- Long Beach Outer Harbors.

The work involves:

(1) 155,000 tons Class A stone;
(2) 150,000 solid cubic yards, exclusive of voids, Class B stone;
(3) 215,000 cu. yds. place measurement dredging for sand and clay core.

Complete bids follow:

Rohl-Connolly Co.: (1) $2.20; (2)

$2.60; (3) $.45; grand total, $827,564.

Merritt-Chapman & Scott Corp.: (1) $2.60; (2) $3.10; (3) $.50; grand total, $975,500.

Engineer's estimate: (1) $2.14; (2) $2.36; (3) $.473; grand total, $787,395.

Quarries as follows: Rohl-Connolly Co.: Item (1) Ormond, Cal., and Catalina Island; Item (2) Catalina Island.

Merritt-Chapman & Scott Corp.: (1) Declezville and Santa Cruz Island; (2) Santa Cruz Island.

Columbia Const. Co.: (1) and (2) W. J. Hole Quarry, Arlington, Cal., via Santa Fe Ry.

Engineer—Catalina Island and Riverside District.

23—IRRIGATION PROJ.

BIDS OPENED

MARICOPA COUNTY, Ariz.—Vinson & Pringle, 919 E. Madison Street, Phoenix, submitted the low bid to the Roosevelt Irrigation Dist., Buckeye, Ariz., July 26, at $462,685.32 for sloping, trimming, backfilling and reinforcing gunite lining, 1-inch thick, of approxmately 4,890,923 sq. ft. of irrigation canal section, located on the main canal and collection canals of this district, extending from Phoenix to the Hassayampa River in accordance with plans prepared by J. P. Vandenburgh, engineer. The contractor is to furnish all labor and material.

The contractor will be required to apply 50,000 sq. ft. of finished gunite lining each working day.

Wm. Mishka, Secretary, Valencia, Buckeye, Ariz.

The other bids were:

Cement Gun Co., Allentown, Pa., $484,201.38.

V. R. Dennis Const. Co., San Diego, $645,601.84.

Walter S. Rae, Pittsburgh, Pa., $557-565.22.

Peninsula Paving Co., San Francisco, $557,565.22.

Case Const. Co., Los Angeles, $554-148.58.

TO ASK FUNDS

GRASS VALLEY, Nevada Co., Cal.—Nevada Irrigation District, Wm. Durbrow, manager, has applied to Reconstruction Finance Corporation for a loan of $8,000,000 to refinance bonded indebtedness and including $1,330,000 for contemplated new construction and improvements.

If the loan is approved the district plans to construct dam and canals to cost $400,000; extension of sevrices in Placer County, $400,000; enlarge storage area at Weaver Lake, $300,000; miscellaneous improvements, $230,000.

FUNDS ASKED

PHOENIX, Arizona. — The Arizona Highline Reclamation Assn., Phoenix has filed with the local PWA office an application for a loan of $350,000 to finance the construction of the Glen Bridge-Verde highline irrigation system. The application was made by Fred T. Colter, President, and former state senator, who has been active in Colorado river matters for a number of years. The proposed project is planned to irrigate up to 6,000,000 acres by means of a dam at Glen Canyon, about four miles above Lee's Ferry, and either a 68-mile tunnel to the Bill Williams river, or a 117-mile tunnel to the Verde river. The filing was made by Colter as trustee for the proposed irrigation district. Considerable data on the project was submitted with the application, which supplements one made nearly two years ago. Power development is estimated at 5,000,000-hp. annually.

BIDS WANTED

MISSOULA, Mont.—Until August 21 10 A. M., bids will be received by the Bureau of Reclamation, Missoula, Mont., under Spec. No. 706-D, for the construction of earthwork, Main Canal, Frenchtown Project, Mont.

The work is located near Missoula and involves:

(1) 241,000 c.y. all classes of excavation for canal;
(2) 11,000 sta. c.y. overhaul.

J. W. Taylor, Rresident Engineer.

Plans and specifications obtainable from the Bureau of Reclamation at Missoula, or at Denver, Colo., without charge to prospective bidders; to others, $.75, not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho. —Until August 21, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, R. J. Newell, Construction Engineer, under Spec. No. 708-D, for the construction of structures, North Canal, laterals N. C. 26.4 to 28.7, Mitchell Butte Division, Owyhee Project, Oregon-Idaho.

The work is located near Dunaway, Oregon, and involves:

(1) 1,850 c.y. all classes of excavation for structures;
(2) 1,800 c.y. backfill;
(3) 680 c.y. concrete in structures;
(4) 1,200 sq. yds. dry rock paving;
(5) placing 38,000 lbs. of reinf. bars;
(6) laying 1,080 l.f. 15- to 42-in. dia concrete pipe;
(7) installing 5,800 lbs. gates and gate hoists.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, or at Denver, Colorado, without charge to prospective bidders: to others, $2.50, not returnable.

TO ASK BIDS SHORTLY

YUMA, Arizona—Tentative plans of the Bureau of Reclamation for improvements in the Yuma-Gila Irrigation Project near Yuma, provide for taking bids probably within the next sixty days for constructing 17 miles of main canal under the initial $2,-000,000 allotment. This project extends from Yuma on the west to the Maricopa county line on the east and will ultimately involve the expenditure of $72,000,000. The first unit, supplying 150,000 acres, will cost $18,-000,000. Water for the project will be supplied from the Colorado river, the canal extending from the Imperial Dam 14 miles north of Yuma. The canal, which will be known as the Arizona Canal, will carry the water by gravity to the district called "The Mesa," and from there will be pumped to higher areas by an electrically-operated pumping system. In addition to the initial allotment of $2,-000,000, the sum of $4,500,000 will be provided for power lines. Four booster pumping plants with a concrete lateral system, will serve 139,000 acres in the Mesa unit.

25—MACHINERY AND EQUIPMENT

CONTEMPLATED

MODESTO, Stanislaus Co., Calif.—The Modesto City Council will ask bids shortly for a new Street sweeper. Estimated cost, $7500.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., July 25, under Spec. No. 700-D, for furnishing one tunnel plug adit car for Boulder Dam:

Schrader Iron Works, Inc., $2,350 fob San Francisco.

California Steel Products Co., $2,-746 fob San Francisco.

Morgan Engr. Co., $2,560 fob Alliance, Ohio.

Magor Car Corp., $3,611 fob Boulder City.

Consolidated Steel Corp., $2,600 fob Los Angeles.

Steacy-Schmidt Mfg. Co., $2,300 fob York, Pa.

Atlas Car & Mfg. Co., $1,936 fob Cleveland.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing gate valves fob cars or trucks department's warehouse, 410 Ducommun St., under Spec. No. 1731, as follows:

The items were:

(a) 200 only 4-in. screw end gate valves;
(b) 150 only 6-in. do.

The bidders were:

(1) Warren & Bailey Co., Jenkins GC 7817 and 7819, 2%, 30 days date of shipment.

(2) Chapman Valve Mfg. Co., Chapman A33235 and A33236, 2% 20 days date of delivery.

(3) Hickey Pipe & Supply Co., Pittsburgh 374A, 2%, 30 days date of delivery.

(4) Crane Co., Crane 14855B and 14031D, 2% 30 days date shipment.

(5) Rich Mfg. Co., Rich D129 and C132, 2%, 30 days date of delivery.

(6) Hacker Pipe & Supply Co., Ohio Injector Co., OIC 41120 W; 2%, 30 days date of delivery.

(7) Associated Piping & Engr. Co., Ohio Injector Co., OIC 1120W; 2%, 30 days date of delivery.

(8) Grinnel Co. of the Pacific, Pratt & Cady, 9964A and 9965A, 2% ,10th prox. date of delivery.

The bids were:

	(a)	(b)	Total
(1)	$13.68	$21.66	$6669.00
(2)	16.56	26.22	8073.00
(3)	9.97	17.06	5051.50
(4)	16.56	26.22	8073.00
(5)	9.476	16.209	4800.35
(6)	9.23	15.80	4677.50
(7)	9.23	15.80	4677.50
(8)	16.56	26.22	8073.00

BIDS OPENED

HUMBOLDT and Del Norte Counties, Cal.—Following bids received by the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, July 22, for the rental of 3-yard dump trucks for use at the following locations:

(1) 3 for not more than 500 hours ea., to be used in vicinity of Ukiah;
(2) 3 for not more than 500 hours ea., to be used in vicinity of Boonville;
(3) 3 for not more than 500 hours ea., to be used in vicinity of Crescent City.

Wm. Colbert, San Francisco: (1) $2.33; (2) $2.33; (3) $2.33.

Chas. Burnside and Asa Moran, Glendale: (1) $2.27; (2) $2.25; (3) $2.27.

Ashurst Bros., Hopland: (1) $2.55; (2) $2.55; (3) $2.85.

A. E. Garcia, Jr., Irvington: (1) $2.50; (2) $2.50; (3) $2.50.

Eugene Della Rosa, Martinez: (1) $2.50; (2) $2.50; (3) $.....

A. Morton, Menlo Park: (1) $2.20; (2) $2.20; (3) $2.50.

Chas. W. Begnhl, Lomita Park: (1) $2.87; (2) $2.87; (3) $2.87.

W. K. Walker, Crescent City: (1) $2.70; (2) $2.70; (3) $2.70.

Jack Starkenburg, Los Angeles: (1) $2.22; (2) $2.22; (3) $2.38.

O. S. Tolbard, Sacramento: (1) $2.33 (2) $2.33; (3) $2.33.

Thos. O'Brien, San Francisco: (1) $2.33; (2) $2.33; (3) $3.00.
Gary R. Starkenburg, Hopland: (1) $; (2) $2.15; (3) $....
Rock & Gravel Trucking Co., Oakland: (1) $2.73; (2) $2.73; (3) $2.73.
C. Mankel, Sacramento: (1) $3.09; (2) $3.50; (3) $3.50.
Frank O'Shea, San Francisco: (1) $2.33; (2) $2.33; (3) $3.00.
M. E. Beckstrom, Trinidad: (1) (2) $.; (3) $2.33.
Daniel Gallagher T. M. & R. Co., San Francisco: (1) $2.33; (2) $2.33; (3) $2.33.
Wm. Kern, Weott: (1) $2.49; (2) $2.49; (3) $2.49.
Wm. E. Cowan, Healdsburg: (1) $2.40; (2) $2.40; (3) $2.40.
W. E. Sinclair, Miranda: (1) $2.30; (2) $2.30; (3) $2.30.
Bids held under advisement.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—A. E. Garcia, Jr., P. O. Box 65, Irvington, at $2.25 per hour submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, 546 West Wabash Ave., Eureka, July 22, for the rental of two 900-gallon water sprinkler trucks.

Complete bids follow:
A. E. Garcia, Jr., Irvington: (1) for use at Willow Creek, $2.25; (2) for use at Bridgeville, $2.25.
Dewars Express, Eureka: (1) $2.50; (2) $2.50.
Wm. Kern, Weott: (1) $2.55; (2) $2.55.
Hayward Bldg. Material Co., Hayward: (1) $3.50; (2) no bid.
Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing horizontal multi-stage centrifugal pumps, with electric motors, under Bid No. 41686, were opened by S. A. Joseph, Purchasing Agent of the Metropolitan Water Dist., July 3.

The bidders were:
(A) De Laval Steam Turbine Co.
(B) Robt. M. Heartwell Co. (delivered at Mecca).
(C) Pacific Pump Works, pump.
(D) Pacific Pump Works, motor.
(E) Petroleum Equipment Co.
(F) Byron-Jackson Company

The bids were:

	(1)	(Total)	(2)	(Total)
(A)..	$1280.32	$2560.64	$ 953.56	$1907.12
(B)..	1371.32	2742.64	964.16	1928.32
(C)..	736.00	1472.00	620.00	1240.00
(D)..	880.50	1761.00	554.00	1108.00
(E)..	1717.00	3434.00	1388.00	2776.00
(F).	1870.32	3740.64	1093.56	2187.12

No discounts.
(A) 14 days U. S. motors; 21 days G. E. or Westinghouse
(B) 30 days delivery.
(C) 21 days delivery.
(E) 21 days from date of order
(F) 21 days delivery.

26—— RAILROADS

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 615 Ocean Ave., at $4,544 submitted low bid and awarded contract by the State Board of Harbor Commissioners, Frank G. White, Chief Engineer, Ferry Bldg., for the extension of the Belt Line Railroad, involving the laying of approximately 600 ft. of 9-in. girder rail track, including a turnout, south of the Third St. bridge to connect with China Basin, leading to Piers 48 and 50.

Complete bids follow:

Eaton & Smith	$4,544
L. D. Schader	4,602
Chas. L. Harney	6,836
J. B. McGowan, Inc.	8,312

All bidders of San Francisco.

CONTEMPLATED

GRASS VALLEY, Nevada Co., Cal.—City Council plans purchase of a new pumping engine for the Fire Department with a 300- to 500-gal. water storage tank.

28 — FIRE EQUIPMENT

BIDS WANTED

SANTA CRUZ, Santa Cruz Co., Cal.—Until August 5, 9 A. M., bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing complete 500-gallon pumper fire engine, equipped with 1,000 feet of standard 2½-in. fire hose, siren, ladders, flood lights, 250-gal. capacity water tank, gauges, etc.

Delivery fob Santa Cruz ready for operation.

29—STREETS AND HIGHWAYS

AWARD RECOMMENDED

MONO COUNTY, Cal.—Award of a contract to Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $70,320.25, for grading 2.2 miles of Section B of Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County, has been recommended by District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

CONTRACT AWARDED

MONTEREY COUNTY, Calif.—Gilmore Oil Co., 2423 E. 28th Street, Los Angeles, at $12.35 per ton, total $6,669 awarded contract by the State Highway Commission, Sacramento, for treating shoulders with liquid asphalt on about 37.2 miles in Monterey County between King City and San Ardo and between Salinas and Monterey-Santa Cruz County Line, involving 540 tons of liquid asphalt, Type SC-3, in place.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal. L. A. Brisco, Arroyo Grande, at $16.10 per ton, total $11,672.50 awarded contract by the State Highway Commission, Sacramento, for treating with liquid asphalt about 34.2 miles in San Luis Obispo County between 1.75 and 9.35 miles east of Cambria, between mile 3.95 and mile 11.70, between Rte. 56 and 4.7 miles east, and between 5.15 miles east of Santa Margarita and one mile east of Pozo.

CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—Morgan Bros., 5919 Maywood Ave., Huntington Park, at $8.73 per ton, total $8,380.80, awarded contract by the State Highway Commission, Sacramento, for treating with liquid asphalt about 40.2 miles in Imperial County between Bond's Corner and Niland, involving about 960 tons liquid asphalt, Type SC-2.

CONTRACT AWARDED

SAN DIEGO CO., Calif. — Morgan Bros., 5919 Maywood Ave., Huntington Park, at $11.25 per ton, total $5,625 awarded contract by the State Highway Commission at Sacramento for treating with liquid asphalt about 20.8 miles in San Diego County, between Descanso and Julian, involving about 500 tons of liquid asphalt, Type SC-3.

CONTRACT AWARDED

SAN DIEGO CO., Calif. — Morgan Bros., 5919 Maywood Ave., Huntington Park, at $7.41 per ton, total $9,818.25 awarded contract by the State Highway Commission at Sacramento, for treating with liquid asphalt about 54.7 miles in San Diego County, between Bonsall and Rincon and between Santa Ysabel and northerly boundary, involving about 1325 tons of liquid asphalt, Type SC-2.

CONTRACT AWARDED

HUMBOLDT COUNTY, Nev. —Geo. French, Jr., P. O. Box 107, Stockton, at $21,086.86 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for surfacing with asphaltic roadmix about 12.33 miles in Humboldt County between Winnemucca and Toll House.

U. B. Lee, San Leandro, Calif., at $21,205.90 submitted second low bid.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until August 5, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, 247 3rd St., San Bernardino, for highway oiling in San Bernardino County bet. Barstow and Mountain Pass, about 30.8 miles in length, seal coat to be applied, involving:
(1) 300 tons asphaltic emulsion, 90-95;
(2) 2175 c.y. sand.

Plans and specifications may be obtained at the above office. Cash or certified or cashier's check, 10%.

BIDS OPENED

OAKLAND, Cal.—Maydell & Hartzell, Inc., 158 11th St., San Francisco, at $1520 for 20 tons for Oakland, and at $1580 for 20 tons for Camp Pardee, submitted low bids to the East Bay Municipal Utility District, John H. Kimball, Secretary, Oakland, for furnishing 40 tons of copper sulphate, under Informal Proposal No. 668.

Ttoal bids follow:
Maydwell & Hartzell, San Francisco, (1) 20 tons for Oakland, $1520; (2) 20 tons for Camp Pardee, $1580.
Mountain Copper Co., San Francisco, (1) $1560; (2) $1595. ?
Federated Metals Corp., San Francisco, (1) $1560; (2) $1630.
Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until August 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Specification No. 18,826 for the improvement of Orizaba Avenue between Randolph and Sargent Streets, and Minerva Street between Capitol and Orizaba Avenues where not already improved.

The work invovles:
(1) 150 l.f. armored concrete curb;
(2) 60 l.f. 6-in. VCP side sewer;
(3) 1,875 sq. ft. 6-in. Class E concrete pavement;
(4) 375 sq. ft. asphalt concrete pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surf.

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

PROJECTS APPROVED

SAN JOSE, Cal.—City Council has approved three street improvements to be financed with gasoline tax funds. They will be submitted to State Division of Highways for concurrence.

The projects are:
(1) Repaving central 40 feet of North Thirteenth St. from Santa Clara street to north city limits, $72,043.
(2) Resurfacing central 40 feet of Market Street from San Ferando St. to the junction with So. First St. and from that point to the south city limits, $28,321.
(3) Paving central 22 feet of West Virginia St., between Palm and Prevost streets, $4800.

BIDS WANTED

SAN FRANCISCO.—Until August 7, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, under Specification No. 18,860 for the improvement of Newhall Street between Carroll Avenue and the southerly line of Williams Ave., where not already improved

The work involves:

(1) 732 l.f. armored concrete curb;
(2) 288 l.f. 12-in. VCP sewer in place;
(3) 3 each 12x8-inch Y branches in place;
(4) 175 l.f. 8-in. VCP side sewers in place;
(5) 2 each brick manholes complete;
(6) 2 each brick catchbasins complete
(7) 86 l.f. 10-in. VCP culvert in place
(8) 71 sq. ft. 1-course concrete sidewalk;
(9) 20,536 sq. ft. asph. concrete pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surf.

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

CONTRACT AWARDED

KITTITAS COUNTY, Wash. — Albertson-Cornell Bros., 1113½ A St., Tacoma, at $252,249 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, July 23, for paving with Portland cement concrete about 8.3 miles of State Road No. 2, Kachess River to Nelson.

Norris Bros., Burlington, at $265,458 submitted second low bid.

COMPLETE BIDS LISTING

MINERAL COUNTY, Nevada—J. A. Casson, 318 Warren St., Hayward, Calif., at $15,111.20, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, July 24, for surfacing with asphaltic roadmix about 8.48 miles in Mineral County, between 3.3 miles west of Luning and 12.8 miles east of Hawthorne.

The work involves:

(1) 600 tons asphaltic road material Type SC-2;
(2) 56 tons asphaltic road materials Type MC-2;
(3) 8.48 miles roadmix;
(4) 8.48 miles finish roadway;
(5) 80 each culvert markers.

Total bids follow:

(A) J. A. Casson, Hayward, $15,111.20
(B) U. B. Lee, San Leandro, $15,209.60.
(C) Dodge Construction, Inc., Fallon. $16,024.
(D) J. C. Compton, McMinnville, Ore., $17,640.
(E) Engineer's Estimate, $15,616.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 15.95	$17.00	$17.00	$18.00	$16.50
(2)....	23.45	23.00	24.00	27.00	23.50
(3)....	450.00	400.00	440.00	550.00	450.00
(4)....	25.00	20.00	60.00	50.00	50.00
(5)....	2.50	2.00	3.00	3.00	2.00

CONTRACT AWARDED

MODOC AND SISKIYOU COS., Cal. —Biasotti-Willard & Biasotti, 40 West Clay St., Stockton, at $144,103.25 was awarded contract by State Highway Commission, Sacramento, for grading about 5.5 miles in Modoc and Siskiyou Counties, between a point southwest of Tule Lake and Oregon state line.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal. —L. A. Brisco, Arroyo Grande, at $3,903.75 awarded contract by the State Highway Commission, Sacramento, for the construction of about 2.6 miles of property fences in San Luis Obispo County between Morro and Atascadero.

YAVAPAI COUNTY, Ariz.—3.09 Miles Grading — (Govt.)

YAVAPAI COUNTY, Ariz.—Skousen Bros., Albuquerque, N. M., at $43,600.50 (as previously reported) submitted low bid and recommended for award of contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading about 3.09 miles of Section J, Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai Co., Ariz.

The work involves:

(1) 31,500 c.y. unclass. excav.;
(2) 759 c.y. do, for structures;
(3) 12,000 c.y. do for borrow;
(4) 8,000 sta. yds. overhaul;
(5) 3,750 c.y. mi. borrow haul;
(6) 275 c.y. Class A concrete;
(7) 78 c.y. Class B concrete;
(8) 89 c.y. Class D concrete;
(9) 42,100 lbs. reinforcing steel;
(10) 79,000 lbs. structural steel;
(11) 338 l.f. 24-in. CMP;
(12) 234 l.f. 30-in. CMP;
(13) 146 l.f. 36-in. CMP;
(14) 84 l.f. remove and stockpile existing CMP;
(15) 40 c.y. handlaid riprap;
(16) 12,200 l.f. type 1 protection ditch
(17) 1 each cattle guard;
(18) 250 l.f. remove and reset existing fence;
(19) 6 each right of way monuments
(20) extra work, construct stock tank

The total bids were:

(A) Skousen Bros., Albuquerque, N. M., $43,600.50.
(B) Geo. W. Orr, El Paso, Texas $48,824.30.
(C) Henry Thygesen, Albuquerque, N. M., $52,510.50.
(D) Pearson & Dickerson Contractors Inc., Prescott, $57,272.30.
(E) O. F. Fisher Const .Co., Phoenix $57,313.00.
(F) Heuser & Garnett, Glendale, Ca $61,467.
(G) Engineer's estimate, $50,544.60.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$ .50	$ .75	$ .68	$ .765	$ .65	$ .90	$ .70
(2).....	1.50	2.00	1.80	2.25	1.25	2.00	2.00
(3).....	.30	.17	.40	.40	.35	.23	.30
(4).....	.03	.02	.03	.03	.03	.04	.03
(5).....	.40	.20	.36	.30	.35	.35	.25
(6).....	20.00	21.00	24.00	26.00	25.00	28.00	23.00
(7).....	22.00	20.00	24.00	25.00	25.00	27.00	23.00
(8).....	20.00	22.00	20.00	27.00	25.00	30.00	24.00
(9).....	.055	.055	.06	.06	.08	.07	.05
(10).....	.065	.068	.06	.076	.14	.08	.06
(11).....	3.00	2.85	3.00	3.35	2.50	2.75	2.80
(12).....	4.00	3.25	4.00	4.25	3.25	3.50	3.80
(13).....	5.00	5.00	6.00	6.75	4.75	5.50	5.50
(14).....	1.00	1.00	1.00	1.50	1.50	2.50	1.00
(15).....	3.00	4.00	5.00	1.50	3.00	4.00	3.00
(16).....	.10	.03	.15	.10	.10	.15	.10
(17).....	650.00	550.00	750.00	500.00	750.00	550.00	700.00
(18).....	.10	.10	.05	.06	.10	.20	.08
(19).....	10.00	5.00	5.00	6.00	5.00	5.00	4.00
(20).....	.....	.....	.....	.....	.....	.....	100.00

EL CERRITO—CUTTING BLVD. IMPROVEMENT—CITY

EL CERRITO, Contra Costa Co., Calif.—Wellman & Christ, 711 Richmond St., El Cerrito, at $4,304.43 submitted low bid to the El Cerrito City Council, Fred J. Prosser, City Clerk, for the improvement of Cutting Blvd. from the westerly limit of El Cerrito to the westerly line of San Pablo Avenue.

Bids were taken as follows:

(1) 242 c.y. excavation;
(2) 96 c.y. fill;
(3) 351 tons crusher run base;
(4) 837 gals. paint coat;
(5) 245 tons natural rock asphalt.
(5a) 306 tons asphaltic concrete:
(6) 913 l.f. concrete curb;
(7) 79.87 c.y. concrete gutter in driveways;
(8) 86 l.f. excavation, remove 16-in. pipe and install 21-in. CMP and backfill;
(9) 102 l.f. excavation, remove 16-in. pipe and install 24-in. CMP and backfill;
(10) 40 l.f. excavation, and removing 16-in. pipe and backfill;
(11) 40 l.f. excavation and removing 24-in. CMP and backfill;
(12) 84 l.f. excavation, laying 16-in CIP and backfill;
(13) 52 l.f. redwood headers;
(14) 5 reinforced concrete catchbasins complete in place.

Total bids follow:

(A) Wellman & Christ, El Cerrito $4,304.43.
(B) Ransome Co., Emeryville, $4,410.41.
(C) N. B. Ball's Sons, Berkeley, $4,568.40.
(D) Albany Cement Contractors, Inc Albany, $4,694.60.
(E) Independent Const. Co., Oakland $4,720.00.
(F) Lee J. Immel, Berkeley, $5,032.1
(G) Union Paving Co., San Francisco $5,082.71.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1).....	$ .60	$ .58	$ 1.00	$ 1.50	$ .50	$ .90	$ 1.00
(2).....	.01	.10	.50	1.50	.50	.60	.50
(3).....	1.50	1.50	1.60	2.00	1.50	1.90	2.20
(4).....	.07	.114	.10	.12	.15	.10	.20
(5).....	5.00	.....	5.50	5.30	5.25	5.00	.....
(5a Alt.) ...	.....	4.20	.....	5.50	5.25	.....	4.00
(6).....	.36	.37	.70	.40	.50	.50	.50
(7).....	.24	.24	.25	.20	.28	.30	.30
(8).....	3.26	3.13	3.00	3.00	2.60	4.00	4.00
(9).....	3.50	3.45	3.50	3.40	3.00	4.50	5.00
(10).....	.40	.40	.50	1.00	.75	1.30	1.00
(11).....	5.00	.05	5.00	4.50	4.50	5.50	4.00
(12).....	2.50	2.60	1.00	.80	1.25	1.60	1.00
(13).....	.20	.16	.50	.25	.25	.30	.50
(14).....	350.00	372.00	150.00	340.00	500.00	400.00	255.00

All bids forwarded to the State Highway Commission, Sacramento, for recommendation.

DS WANTED

LINN COUNTY, Oregon.—Until Aug 10 A. M., bids will be received by e Bureau of Public Roads, W. H. nch, District Engineer, 316 New st Office Bldg., Portland, for 2.272 les grading and 6.726 miles subade reinforcement on the Santiam ghway Project 23-G3, H2, H,J, Nasnal Forest Road Project, located thin the Willamette National Fort, Linn County, Oregon.

The work involves:
1) 10 acres clearing;
2) 14 acres grubbing;
3) 122,200 cu. yds. unclass. excav.;
4) 85,000 sta. yds. overhaul;
5) 17,000 cu. yds. subgrade reinf.;
6) 4.454 mi. fine grading, subgrade and shoulders;
7) 3000 cu. yds. crushed or screened rock, bottom course;
8) 1000 M. gals. watering;
9) 60 days operation of roller;
0) 50 each dangerous trees and snags;
1) 17 acres roadside cleanup;
2) 10,000 lin. ft. rounding cut slop
3) 17 MFBM treated timber box culvert;
4) 150 cu. yds. Class A concrete;
5) 16,000 lbs. reinforcing steel;
6) 910 lin. ft. culverts ,Alt.)

Plans and specifications obtainable om the above office upon deposit $10.

DS OPENED

WHITMAN COUNTY, Wash.—Nor- Bros., Burlington, at $9838 subtted low bid to L. V. Murrow, Dictor of Highways, Olympia, July for paving with Portland cement ncrete about 0.16 mile of roadway State College of Washington Camis at Pullman.

I. J. Adler, Tacoma, at $12,848, and H. Collins, Spokane, at $17,979 aumtted second and third low bids, rectively.

Award will be made by the Board Regents of Washington State Colge.

DS WANTED

FERRY COUNTY, Wash.—Until gust 7, 10 A. M., bids will be reved by the Bureau of Public Roads, H. Lynch, District Engineer, 316 w Post Office Bldg., Portland, for nstructing 3.3078 miles of the Reblic-Kettle Falls Highway Grading eject NR-20-C, National Forest ad Project, located within the Colle National Forest, Ferry County, shington.

The work involves:
) 40 acres clearing;
) 25 acres grubbing;
) 211,150 cu. yds. unclass. excav.;
) 185,000 sta. yds. overhaul;
) 3.3078 mi. finishing earth graded road;
) 12,200 lin. ft. rounding cut slopes
) 25,000 c.y. mi. overhaul;
) 890 lin. ft. 18-in. reinf. conc. pipe
) 6100 lin. ft. removal and disposal of wooden flume.

Plans and specifications obtainable om the above office upon deposit of).

ONTRACT AWARDED

CONTRA COSTA COUNTY, Calif.—ale Alto Road Materials Co., 465 lifornia Ave., Palo Alto, at $2,170 warded contract by the State Highay Commission, Sacramento, for eating with liquid asphalt about 1 miles in Contra Costa County and tween Park boundary near Danville d the Summit, between the Forks d Toll House near Walnut Creek, ount Diablo Park Road, involving out 175 tons of liquid asphalt, Type -2.

MINERAL & ESMERALDA COS., Nev.—34.52 Mi. Surface

MINERAL and Esmeralda Counties, Nev.—U. B. Lee, 1059 Carpentier St., San Leandro, Cal., at $68,469.80, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, July 24, for surfacing with asphaltic roadmix about 34.52 miles in Mineral and Esmeralda Counties, from California-Nevada State Line to Coaldale.

The work involves:
(1) 2572 tons asphaltic road materials Type SC-2;
(2) 228 tons asphaltic road material Type MC-2;
(3) 34.60 mi. roadmix;
(4) 34.60 mi. finish roadway;
(5) 346 each culvert markers;
(6) 80 lin. ft. romove culvert pipe;
(7) 2 each remove culvert headwall;
(8) 4621 cu. yds. roadway excav.;
(9) 75 cu. yds. structure excav.;
(10) 0.19 mi. subgrade;
(11) 600 cu. yds. crushed gravel or stone surface;
(12) 5660 lbs. reinforcing steel;
(13) 55 cu. yds. Class A concrete.

Total bids follow:
(A) U. B. Lee, San Leandro, $68,469.80.
(B) J. A. Casson, Hayward, Cal., $70-385.70.
(C) Geo. French, Jr., Stockton, $73,-653.75.
(D) Dodge Const., Inc., Fallon, $74,-704.70.
(E) J. C. Compton, McMinnville, Ore., $81,877.60.
(F) Engineer's estimate, $76,466.70.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 16.50	$ 16.55	$ 17.80	$ 18.75	$ 18.50	$ 18.50
(2)	25.00	23.55	24.80	25.75	28.00	25.50
(3)	425.00	450.00	400.00	400.00	550.00	450.00
(4)	25.00	25.00	50.00	50.00	50.00	50.00
(5)	2.00	2.50	3.00	2.50	3.00	2.00
(6)	.50	.50	1.00	1.00	1.00	1.00
(7)	5.00	10.00	10.00	10.00	10.00	20.00
(8)	.40	.50	.50	.30	.40	.50
(9)	1.00	1.50	1.25	2.00	1.00	1.50
(10)	100.00	100.00	200.00	200.00	200.00	200.00
(11)	1.00	1.50	1.00	1.00	3.00	1.25
(12)	.07	.07	.10	.10	.10	.07
(13)	24.00	30.00	40.00	27.50	35.00	30.00

TUOLUMNE COUNTY—11.613 Mi. Base Course — (Govt.)

TUOLUMNE COUNTY, Calif.—Peninsula Paving Co., 9 Main St., San Francisco, at $169,278 with an alternate of $166,528 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, 807 Sheldon Bldg., San Francisco, for placing bituminous treated crushed gravel base course on 11.613 miles of Section C1 of Route 4, Tioga Road, Yosemite National Park, Tuolumne Co.

Bids were taken as follows:
(1) 2,000 c.y. unclass. excav.;
(2) 1,500 c.y. do for structures;
(3) 1,000 c.y. hauling unclass. excav.
(4) 5,000 l.f. 8-in. perf. CGMP;
(4a) (Alt.) 4,000 l.f. 8-in. stand. drain tile;
(5) 1,100 c.y. crushed rock or gravel for backfill;
(6) 1,100 sq. yds. underdrain backfill seal;
(7) 11.613 miles fine grading subgrade and shoulders;
(8) 11,200 c.y. subgrade reinf.;
(9) 32,600 c.y. miles hauling subgrade reinforcement;
(10) 1 700 M. gals. watering;
(11) 25,500 tons untreated base aggregate;
(12) 21,000 tons of bituminous treated base aggregate;
(13) 1,200 tons stone screenings;
(14) 470 tons supplemental base aggregate;
(15) 145 tons liquid asphaltic material, Type MC-2;
(16) 950 tons do, Type MC-4 or MC-5;
(17) 95 tons do, Type RC-2.
(18) extra work, maintenance of traffic;
(19) extra work, construct project signs.

Total bids follow:
(A) Peninsula Paving Co., San Francisco: $169,278; (Alt.) $166,528.
(B) Fredrickson & Watson Const. Co. Oakland: $193,402.30; Alt., $192,-052.30.
(C) Central States Contracting Co., Oakland: $197,299.70; Alt., no bid.
(D) Hanrahan - Wilcox Corp., San Francisco: $213,107; Alt., $211,107.
(E) M. J. Bevanda, Stockton: $329,-979; Alt., $328,729.
(F) Engineer's estimate: $179,425; Alternate, $179,425.

Unit bids follow.

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .70	$ 1.00	$ .75	$ .50	$ .80	$ .50
(2)	2.75	2.70	2.00	1.75	2.00	2.00
(3)	.25	.20	.20	.40	.20	.25
(4)	1.25	1.35	1.50	1.40	1.00	1.20
(4a)	.70	1.10	..	1.00	.75	1.20
(5)	3.15	.70	4.00	2.00	3.50	2.50
(6)	1.60	2.70	.50	.40	.75	.30
(7)	400.00	600.00	400.00	500.00	350.00	500.00
(8)	.40	.40	1.25	1.00	.75	.50
(9)	.20	.20	.10	.25	.20	.10
(10)	2.00	2.75	2.50	2.50	3.00	2.50
(11)	1.10	1.55	1.88	1.35	3.20	1.65
(12)	2.15	2.40	2.38	2.80	5.70	2.30
(13)	3.25	4.00	3.18	4.00	3.50	4.00
(14)	1.40	1.35	1.55	1.15	32.00	1.80
(15)	43.00	38.00	27.00	53.00	32.00	28.50
(16)	35.00	34.00	27.00	47.00	32.00	28.50
(17)	43.00	50.00	27.00	53.00	32.00	30.00
(18)	500.00	500.00	500.00	500.00	500.00	500.00
(19)	100.00	100.00	100.00	100.00	100.00	100.00

Bids held under advisement.

BIDS OPENED

MONO COUNTY, Calif. — Morrison-Knudsen Co., 1121 Title Guarantee Bldg., Los Angeles, at $147,390.20 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, 807 Sheldon Building, San Francisco, for 6.828 miles grading on Section A, Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

Bids were taken as follows:

(1) 27 acres clearing;
(2) 133,400 c.y. unclass. excav.;
(3) 1,700 c.y. do for structures;
(4) 29,600 c.y. do for borrow;
(5) 255,000 sta. yds. overhaul;
(6) 16,200 c.y. miles borrow haul;
(7) 6.812 miles finishing earth graded road:
(8) 19 c.y. Class A concrete;
(9) 53 c.y. Class B concrete;
(10) 95 c.y. Class D concrete;
(11) 20,530 lbs. reinforcing steel;
(12) 307 c.y. cement rubble masonry;
(13) 238 l.f. 8-in. CMP;
(14) 704 l.f. 18-in. CMP;
(15) 1,502 l.f. 24-in. CMP;
(16) 394 l.f. 30-in. CMP;
(18) 9 each Type A spillway inlets;
(19) 2 each 18-in. steel grates;
(20) 8 each 24-in. steel grates;
(21) 87 c.y. hand laid riprap;
(22) 400 l.f. log guardrail;
(23) 150 l.f. log rail for bridge;
(24) 120 l.f. log stringers;
(25) 2,650 l.f. Type 1 protection ditch;
(26) 102 each culvert markers;
(27) 26 each, right of way monuments
(28) extra work, log parking area separation;
(29) extra work, cleanup refuse;
(30) extra work, remove and stockpile duff and topsoil.

Total bids follow:

(A) Morrison-Knudsen Co., Los Angeles, $147,390.20.
(B) Basich Bros., Torrance, $149,431.90.
(C) Union Paving Co., San Francisco $163,486.80.
(D) Isbell Const. Co., Reno, $178,905.60.
(E) Engineer's estimate, $115,095.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$375.00	$650.00	$300.00	$450.00	$300.00
(2)	.61	.67	.80	.86	.50
(3)	2.00	1.75	2.00	2.00	1.60
(4)	.40	.25	.30	.40	.30
(5)	.02	.02	.02	.02	.01
(6)	.30	.15	.20	.20	.20
(7)	500.00	400.00	600.00	500.00	300.00
(8)	40.00	40.00	30.00	32.50	30.00
(9)	40.00	40.00	30.00	31.00	28.00
(10)	40.00	40.00	35.00	32.00	24.50
(11)	.08	.06	.07	.07	.60
(12)	20.00	10.00	18.00	19.00	14.00
(13)	1.20	1.00	1.00	1.25	1.00
(14)	2.20	2.00	2.00	2.25	1.90
(15)	3.40	2.80	3.00	3.25	3.00
(16)	4.40	3.30	4.00	3.75	3.70
(18)	18.00	12.00	15.00	18.00	15.00
(19)	30.00	25.00	20.00	25.00	15.00
(20)	36.00	25.00	25.00	28.00	16.00
(21)	4.00	3.00	5.00	4.50	3.00
(22)	1.50	1.25	1.20	1.50	1.25
(23)	2.00	2.00	2.00	2.00	3.00
(24)	2.00	1.75	1.00	2.00	1.50
(25)	.20	.25	.25	.20	.10
(26)	3.00	2.00	1.50	3.00	2.00
(27)	3.00	2.50	3.00	3.50	3.00
(28)	100.00	100.00	100.00	100.00	100.00
(29)	100.00	100.00	100.00	100.00	100.00
(30)	500.00	500.00	500.00	500.00	500.00

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES and Kern Cos., Cal. —Basich Bros., 20 550 Normandie Ave. Torance, at $27,892.50 awarded contract by the State Highway Commission, Los Angeles, for applying road mix surface treatment to existing roadbed shoulders for a distance of about 13.7 miles and applying a bituminous seal coat to treated shoulders for a distance of about 24.9 miles in Los Angeles and Kern Counties, between Lancaster and Mojave.

SAUSALITO — GOLDEN GATE YACHT HARBOR

SAUSALITO, Marin Co., Cal.—A. W. Kitchen & Co., 110 Market Street, San Francisco, at $194,119.20 submitted low bid to the Golden Gate Yacht Harbor, Ltd., Albert Von Der Werth, President, 897 Mills Bldg., San Francisco, for constructing piers, bulkheads, dolphins, marine ailway, foundations, dredging, filling and pavement for yacht harbor at Shelter Cove Sausalito.

Bids were taken as follows:

(1) Constructing all the work called for in plans and specifications, except dredging, fill and pavement (lump sum);
(2) 8,000 c.y. dredging between 6-ft. contour and the bulkhead;
(3) 16,000 c.y. dredging channel areas
(4) 36,000 c.y. deposit dry fill in area back of bulkhead;
(6) 4,200 sq. ft. laying cement pave.;
(6) 42,000 sq. ft. laying cement pave.;
(7) Deduct for each l.f. sheet steel pile omitted;
(8) Deduct for each unit of one bra pile and 1 wave baffle slab om ted.

Contract includes construction about 1,000 l.f. pier, concrete de supported on timber piling, concr jacketed, with concrete bafflebo 1600 l.f. wharf, timber deck suppo ed on treated timber pile; 880 l.f. s sheet pile bulkhead; marine railw of 350-ton capacity.

The total bids were:

(A) A. W. Kitchen & Co., $194,119.
(B) Healy-Tibbitts Const. Co., $19 577.00.
(C) Lindgren & Swinerton, Inc., $19 476.00.
(D) M. B. McGowan, Inc., $204,480.
(E) Duncanson-Harrelson Co., $21 370.00.
(F) Clinton Const. Co., $235,041.00.
(G) Merritt-Chapman & Scott Cor $287,006.00.

All bidders of San Francisco.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$159,217.00	$170,503.00	$162,000.00	$172,100.00	$176,000.00	$202,600.00	$253,372
(2)	.25	.20	.24	.175	.21	.235	
(3)	.28	.25	.26	.32	.25	.235	
(4)	.47	.30	.54	.42	.56	.34	
(5)	.167	.14	.16	.15	.15	.215	
(6)	.17	.15	.15	.25	.20	.16	
(7)	.96	.95	.50	1.00	.95	1.00	
(8)	160.00	196.00	150.00	100.00	165.00	200.00	210

Separate bids were taken for erection of buildings. (See item unc Classification 19).

SAN MATEO COUNTY—3.5 Mi. Grade & Surface—(State

SAN MATEO COUNTY, Cal.—Union Paving Co., 624 Call Building, San Francisco, at $97,437.50 submitted low bid to the State Highway Commission, Sacramento, for 3.6 miles grading, surfacing with crusher run base, and applying bituminous surf. treatment in San Mateo County between Edgemar and Thornton.

The work involves:

(1) 250,000 c.y. rdwy. excav., unclass.
(2) 1,150,000 sta. yds. overhaul;
(3) 5,200 c.y. struc. excav.;
(4) 188 sta. finishing rdwy.;
(5) 15,800 tons crusher run base;
(6) 150 tons asphaltic emulsion;
(7) 2,150 tons screenings;
(8) 120 c.y. Class A Portland cement concrete (structures):
(9) 11,500 lbs. bar reinf. steel (struc.)
(10) 28 MFBM redwood timber select all heart structural grade;
(11) 1,100 l.f. 8-in. CMP;
(12) 2,800 l.f. 10-in. CMP;
(13) 1,500 l.f. 18-in. CMP;
(14) 942 l.f. 24-in. CMP;
(15) 352 l.f. 30-in. CMP;
(16) 250 l.f. 30-in. CMP (at Sta. 223);
(17) 14 l.f. existing CMP culverts removed and salvaged;
(18) 800 l.f. 8-in. perf. metal pipe u derdrains;
(19) 430 l.f. 12-in. do;
(20) 330 c.y. rock filling material (u derdrains);
(21) 12 each embankment protecto
(22) 200 each guide posts;
(23) 0.3 mile new property fences;
(24) 0.15 mile special property fenc Type A;
(25) 0.35 mile do. Type B;
(26) 60 each monuments complete t place.

Total bids follow:

(A) Union Paving Co., San Francisco, $97,437.50.
(B) Bayshore Const. Co., San Fra cisco, $101,917.90.
(C) Peninsula Paving Co., San Fra cisco, $107,448.20.
(D) Granfield-Farrar & Carlin, S. $111,479.00.
(E) Fredrickson & Watson Const. and Fredrickson Bros., Oakla $116,699.40.
(F) Healy-Tibbitts Const. Co., S. $121,721.14.
(G) A. Teichert & Son, Inc., Sac mento, $122,337.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G
(1)	$ .17	$ .22	$ .20	$ .19	$ .22	$ .25	$.
(2)	.005	.003	.006	.005	.005	.004	.
(3)	.90	.60	.85	.90	1.00	.50	.
(4)	10.00	4.00	10.00	5.00	7.00	5.00	5.
(5)	.80	1.00	1.00	1.60	1.40	1.39	1.
(6)	20 00	17.00	23.00	17.00	16.00	20.00	22.
(7)	1.75	2.00	2.55	2.60	2.75	2.40	2.
(8)	18.00	18.00	20.00	21.00	25.00	20.00	24.
(9)	.05	.05	.05	.05	.05	.07	.
(10)	75.00	65.00	77.00	75.00	90.00	70.00	85.
(11)	.80	.80	.85	.80	.90	1.20	.
(12)	.90	1.08	1.00	1.00	1.05	1.30	1.
(13)	1.90	1.50	1.60	1.60	1.60	1.75	2.
(14)	3.10	2.40	2.40	2.50	2.45	2.50	3.
(15)	3.50	2.75	3.00	3.00	3.00	3.00	4.
(16)	12.00	3.60	4.60	5.00	4.20	5.25	5.
(17)	.70	1.00	.60	.50	1.00	2.00	1.
(18)	1.50	.80	.85	.85	.90	1.40	1.
(19)	1.60	1.10	1.20	1.20	1.25	1.75	1.
(20)	3.00	1.17	3.75	2.00	1.50	1.35	2.
(21)	20.00	15.00	18.00	15.00	15.00	18.72	20.
(22)	2.00	2.00	1.75	1.75	2.00	1.25	1.
(23)	600.00	400.00	600.00	400.00	350.00	500.00	500.
(24)	700.00	450.00	700.00	1600.00	450.00	600.00	1500.
(25)	700.00	500.00	800.00	1000.00	450.00	700.00	1200.
(26)	3.00	3.00	3.50	2.50	3.00	3.00	3

ONTRACT AWARDED

TULARE and Fresno Cos., Calif.—
vde W. Wood, Box 49, Stockton, at
2,930 awarded contract by the State
ghway Commission at Sacramento,
r 34.9 miles road mix surface treat-
ent on existing shoulders in Tulare
d Fresno Counties, between Visalia
d Orange Cove, and between Vi-
lia and Wood Lake.

IDS REJECTED

LOS ANGELES COUNTY, Calif.—
e State Highway Commission, Sac-
mento, has rejected the only bid
ceived, that of Gogo & Rados, 10,-
4 S. Figueroa St., Los Angeles, at
7,605 for treating with liquid as-
alt (road mix) and applying seal
at on about 4.7 miles of shoulders
Los Angeles County on Firestone
vd. between Cerritos Ave. and Car-
nita Ave., and on Ramona Blvd. be-
een Alison St. and Fickett St.
The bids were opened July 10.
The project will be readvertised

OMPLETE BID LISTING

MONTEREY COUNTY, Cal. — Gil-
re Oil Co., 2423 E. 28th St., Los
geles, at $12.35 per ton, total $6669.
previously reported, submitted low
l to the Division of Highways, L.
Gibson, District Engineer, 50 Hi-
era St., San Luis Obispo, for treat-
g shoulders with liquid asphalt on
out 37.2 miles in Monterey County,
tween King City and San Ardo and
tween Salinas and Monterey-Santa
uz County Line.
The work involves 540 tons liquid
phalt, Type SC-3, in place.
Complete bids follow:
lmore Oil Co., Los Angeles, (1)
$12.35 per ton; (2) total, $6669.
A. Brisco, Arroyo Grande ,(1)
$13.80; (2) $7452.
ranite Constr. Co., Inc., Watson-
ville, (1) $14.05; (2) $7587.
alter B. Roselip, San Luis Obispo,
(1) $14.08; (2) $7603.20.
ulsen & March, Inc., Los Angeles,
(1) $14.10; (2) $7614.

ONTRACT AWARDED

NAPA COUNTY, Cal.—Basalt Rock
., Inc., 900 8th St., Napa, at $3,913
warded contract by the State High-
ay Commission, Sacramento, for
eating with liquid asphalt about 23
iles in Napa County between Wood-
Valley Junction and Napa-Yolo
ounty Line, involving about 260 tons
quid asphalt, Type SC-3.

ONTRACT AWARDED

NAPA COUNTY, Cal.—Jack C. Cas-
n, 319 Warren St., Hayward, at
7,915 awarded contract by the State
ghway Commission at Sacramento,
r about 1.1 miles grading and sur-
cing with crusher run base and
int-mixed surfacing, at various lo-
tions in Napa County, between Car-
ros Creek and Napa.

ONTRACT AWARDED

KINGS and Tulare Cos., Cal.—Stew-
t & Nuss, Inc., 410 Thorne Avenue,
esno, at $13,397.50 awarded contract
the State Highway Commission at
cramento for applying seal coat
eatment on about 20.3 miles in
ngs and Tulare Counties, between
e mile east of Corcoran and Tulare,
d between Lindsay and 4.3 miles
st.

ONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.
Paulsen and March, 8725 Compton
ve., Los Angeles, at $1,224 awarded
ntract by the State Highway Com-
ission, Sacramento, for treating
ith liquid asphalt about 7.2 miles be-
een Summit Station and the West
rk of the Mojave River on the Ca-
n-Lake Arrowhead Road, involving
tons of liquid asphat.

CONTRACT AWARDED

MADERA COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1118, Sacramento, at $105,708.60 awarded contract by the State Highway Commission, Sacramento, for surfacing about 7.8 miles with plant mix surfacing on a crusher run base in Madera County between Coarse Gold and Oakhurst.

CONTRACT AWARDED

WHITE PINE COUNTY, Nev.—Geo. French, Jr., P. O. Box 107, Stockton, Calif., at $58,134.40 submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City for 0.58 mile grading and surfacing (plant mix) in White Pine County, Route 2, Section D1, in the city of Ely.

Pacific Construction Co., San Francisco, at $58,439.80 submitted second low bid.

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada.—Dodge Construction, Inc., Fallon, at $15,585.50 submitted low bid and was awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for the construction of a portion of the State Highway System in Churchill County, Route 2, Section E1, at Eastgate, a length of approximately 0.19 mile.

George French, Jr., Stockton, Calif., at $15,454.50 submitted second low bid.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $5,651.90 awarded contract by State Highway Commission at Sacramento, for 0.4 mile grading and surfacing with crusher run base and applying armor coat in Sacramento County, between one-half mile east of Steamboat Slough and Steamboat Slough.

SAN BERNARDINO CO.—1.9 MI. GRADE & PAVE— State

SAN BERNARDINO COUNTY, Cal. Geo. Herz & Co., 311 Platt Bldg., San Bernardino, at $74,578.40 on Alternate B (Portland cement concrete pavement) as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for grading and paving with Portland cement concrete or asphalt concrete about 1.9 miles in the City of Redlands, between Alabama and State Streets.

The work involves:

(1) 2000 M. gals. water;
(2) 26,000 cu. yds. roadway excavation without class.;
(3) 54,000 sta. yds. overhaul;
(4) 26 000 cu. yds. imported borrow;
(5) 1080 cu. yds. struct. excav.;
(6) 2980 cu. yds. conc. removed and disposed of;
(7) 22,500 sq. yds. subgrade preparation;
(8) 103 Sta. finishing roadway;
(9) 350 tons liquid asphalt SC-2 shoulders;
(10) 42,200 sq. yds. preparing, mixing and shaping shoulders;
(11) 45 tons liquid asphalt SC-2 prime coat;
(12) 44 tons liquid asphalt 90-95 seal coat;
(13) 352 cu. yds. screenings seal coat;
(14) 7700 lbs. bar reinf. steel structs.;
(15) 73 cu. yds. Class A Portland cement concrete structs.;
(16) 80 cu. yds. rubble masonry;
(17) 50 lin. ft. 12-in. CMP;
(18) 966 lin. ft. 18-in. CMP;
(19) 128 lin. ft. 24-in. CMP;
(20) 610 cu. yds. Class A Portland cement concrete curbs & gutters
(21) 275 cu. yds. Class A Portland cement concrete sidewalks;
(22) 0.8 mile new property fences;
(23) 3 each gates;
(24) 6 each manholes adjusted to grade;
(25) 1 each cast steel frame and cover for drop inlet;
(26) 45 each monuments complete in place;

Alternative Items
Central 20-foot Portion
Alternative A

(27) 9600 tons asphalt concrete;

Alternative B

(28) 4500 cu. yds. Class A Portland cement concrete pavement;
(29) 9300 lbs. bar reinf. steel pave.;
(30) 6100 each pavement dowels.

Total bids follow:

(A) Geo. Herz & Co., San Bernardino, (Alternate B) $74,578.40.
(B) Matich Bros., Elsinore, Alt. B) $76,815.85.
(C) Basich Bros., Torrance, (Alt. A) $86,930.10; (Alt. B) $76,763.10.
(D) B. G. Carroll, San Diego, (Alt. B) $77,246.70.
(E) C. O. Sparks, Los Angeles, (Alt. B), $79,000.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .40	$ .50	$ .75	$ .50	$ .60
(2)	.24	.35	.27	.26	.33
(3)	.01	.01	.005	.007	.007
(4)	.23	.26	.29	.29	.22
(5)	.70	1.00	.90	.75	.90
(6)	1.45	1.25	1.50	.70	1.50
(7)	.08	.12	.08	.10	.11
(8)	4.00	2.00	10.00	6.00	4.00
(9)	7.40	8.00	7.75	6.85	8.00
(10)	.04	.04	.05	.05	.05
(11)	7.40	8.00	7.75	35.00	9.00
(12)	19.60	18.00	18.80	20.00	21.00
(13)	2.50	3.00	2.65	2.85	2.50
(14)	.045	055	.0425	.05	.06
(15)	18.00	26.50	18.70	20.00	20.00
(16)	12.00	10.50	4.00	15.00	14.00
(17)	1.50	1.15	1.25	1.50	1.10
(18)	1.90	1.65	1.75	2.00	1.70
(19)	2.70	2.40	2.25	2.50	2.60
(20)	12.50	10.00	11.00	10.00	10.00
(21)	14.00	10.75	12.10	12.00	11.00
(22)	530.00	400.00	350.00	500.00	500.00
(23)	18.00	15.00	12.00	20.00	25.00
(24)	10.00	5.00	10.00	10.00	20.00
(25)	40.00	35.00	40.00	40.00	50.00
(26)	2.50	2.00	2.00	3.00	3.00
(27)	.....	.....	4.25	.....	.....
Total "A"	.....	.....	86,930.10	.....	.....
(28)	6.50	6.40	6.50	6.90	7.00
(29)	.08	.08	.07	.07	.05
(30)	.10	.12	.12	.11	.12
Total "B"	74,587.40	76,705.85	76,763.10	77,246.70	79,000.00

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Oswald Bros., 366 E 58th St., Los Angeles, at $55,064 (Alt. A, asphalt concrete) awarded contract by the State Highway Commission at Sacramento, for grading and paving with asphalt concrete about 2.1 miles between Los Angeles Street and Artesia Ave., in Los Angeles County.

CONTRACT AWARDED

GRAYS HARBOR COUNTY, Wash. —Goetz & Brennan, Seaboard Bldg., Seattle, at $293,534 submitted low bid and awarded contract by L. V. Murdow, Director of Highways, Olympia, July 23, for paving with Portland cement concrete about 8.1 miles of State Road No. 9, Montesano to Aberdeen.

Erickson Paving Co., Seattle, at $312,056, and Norris Bros., Burlington, at $326,012 submitted second and third low bids, respectively.

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until August 7, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of an asphaltic road mix surface on a portion of the State Highway System in White Pine County, Route 4, Sections A2, A3, A4 and B1, between 34 miles southwest of Ely and 11 miles southwest of Ely, a length of approximately 22.86 miles.

The work involves:

(1) 1,527 tons asphaltic road material, Type SC-2;
(2) 136 tons do, Type MC-2;
(3) 22.86 miles roadmix;
(4) 22.86 miles finish roadway.
(5) 196 each culvert markers.

Specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

MARIN COUNTY, Cal.—Until Aug. 7, 2 P. M., bids will be receive by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying a seal coat on about 48.9 miles in Marin County, between Manzanita and the northerly boundary.

Specifications obtainable from the above office.

CONTRACT AWARDED

ELKO COUNTY, Nev. — Peninsula Paving Co., 9 Main St., San Francisco at $135,262.16 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for approximately 11.37 miles grading and surfacing in Elko County, Route 11, Section B1, between Elko and 11.4 miles north.

Pacific Construction Co., San Francisco, at $141,556.26 submitted second low bid.

BIDS WANTED

MARIN COUUTY, Cal.—Until Aug. 7, 2 P. M., as previously reported, bids will be received by the Department of Public Works, Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying a seal coat on about 48.9 miles in Marin County, between Manzanita and the northerly boundary.

The work involves:

(1) 430 tons liquid asphalt, Type MC-3
(2) 3100 cu. yds. sand.

Specifications obtainable from the above office.

BIDS OPENED

SANTA CLARA and Santa Cruz Cos., Cal.—L. C. Karstedt, P. O. Box 844, Watsonville, at $.27 per c.y., total $4,320 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for slide removal on about 1.3 miles in Santa Clara and Santa Cruz Counties between Saratoga Gap and Black Road, involving 16,000 c.y. roadway excavation, unclassified.

Complete bids follow:

L. C. Karstedt, Watsonville: $0.27 per c.y., total $4,320.

Forsythe-Worden & Co., San Leandro: $0.28 per c.y., total $4,480.

Earl W. Heple, San Jose: $.33 per c.y., total $5,280.

Harrison & Harrison, Niles: $.36 per c.y., total $5,760.

Bayshore Const. Co., San Francisco: $.37 per c.y., total $5,920.

R. A. Farish, San Francisco: $.39 per c.y., total $6,240.

W. E. Karstedt, San Jose: $.41; total $6,560.

Granfield, Farrar & Carlin, S. F.: $.42; total $6,720.

J. L. Conner, Monterey: $.52; total $8,320.

Garcia Const. Co., Irvington: $.55; total $8,800.

Guerin Bros., San Francisco: $.59; total $9,440.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. Purcell, State Highway Engineer, announced the cost of blue line pr for the State Highway work now vertised.

A blue line print of the title sh of the plans showing the general cation of work will be furnished with the Special Provisions. E prints of the layout and bridge de sheets will be furnished at cost become the property of the purcha

The following shows the cost of s blue prints for the work now ad tised, bids to be opened in Sac mento on August 14, 1935:

III - E.D-11 - H, bet. Kyburz Strawberry (PLANS) No. of she 2; no charge.

III-Nev,Pla-37-BC,G, bet. ½ mile w of Soda Springs and Donner Sum (PLANS) No. of sheets, 6; cost (CROSS-SECEIONS) No. of sheet cost, 50c; total, $1.10.

Checks for the above should made payable to the Department Public Works, Division of Highw and should accompany requests plans, specifications and prope forms to the office of the State Hi way Engineer, P. O. Box 1499, Sac mento, Calif.

MONO COUNTY — 2.2 MILES GRADING — (GOVT

MONO COUNTY, Cal. — Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $70,320.25 submitted low bid to the Bureau of Public Roads, C. H. Sweetser, District Engineer, 807 Sheldon Bldg., San Francisco, for grading 2.2 miles of Section B of Route 81, the Mammoth Lake National Forest Highway, Inyo National Forest, Mono County.

Bids were taken as follows:

(1) 16 acres clearing;
(2) 40,800 cu. yds. unclass. excav.;
(3) 650 cu. yds. do for structures;
(4) 29,000 cu. yds. do for borrow;
(5) 22,000 sta. yds. overhaul;
(6) 10,300 cu. ydsfl miles borrow haul
(7) 2.190 miles finishing earth graded road;
(8) 3 cu. yds. Class A concrete;
(9) 17 cu. yds. Class B concrete;
(10) 75 cu. yds. Class D concrete;
(11) 17,900 lbs. reinf. steel;
(12) 377 cu. yds. cement rubble masonry;
(13) 36 lin. ft. 8-in. SMP.;
(14) 34 lin. ft. 12-in. CMP;
(15) 846 lin. ft. 24-in. CMP;
(16) 1 each, Type A spillway inlet;
(17) 1 each 24-in. steel grate;
(18) 50 cu. yds. hand laid riprap;
(19) 500 cu. yds. hand-laid rock bankment;
(20) 450 lin. ft. log guardrail;
(21) 135 lin. ft. log rail for bridge
(22) 110 lin. ft. log stringers;
(23) 725 lin. ft. protection ditch;
(24) 28 each culvert markers;
(25) 4 each right-of-way monume
(26) Extra work, log parking are
(27) Extra work, remove and sto pile duff and topsoil.

Total bids follow:

(A) Young & Son Co., Ltd., Berke $70,320.25.
(B) Basich Bros., Torrance *, $ 797.25.
(C) Union Paving Co., San Franci **, $84,655.60.
(D) Isbell Constr. Co., Reno, Neva $88,282.00.
(E) Morrison-Knudsen Co., Los geles **, $93,628.60.
(F) Engineer's Estimate, $53,706.0

*Deduct 8% if also awarded Sect A, Route 81.

** Deduct 5% if also awarded S tion A, Route 81.

Unit bids follow:

	(A)	(B)	(C)	((D)	(E)	(F
(1)	$250.00	$300.00	$500.00	$400.00	$275.00	$30
(2)	.79	1.25	.85	1.15	1.26	
(3)	1.75	2.00	2.50	2.50	2.00	
(4)	.38	.25	.40	.40	.40	
(5)	.015	.03	.03	.02	.025	
(6)	.18	.20	.20	.20	.33	
(7)	600.00	500.00	500.00	500.00	600.00	30
(8)	32.50	40.00	40.00	32.50	40.00	3
(9)	32.50	40.00	40.00	31.00	40.00	2
(10)	35.00	40.00	50.00	32.00	40.00	2
(11)	.07	.06	.12	.07	.08	
(12)	18.00	10.00	18.00	19.00	20.00	1
(13)	1.25	1.50	2.00	1.25	1.30	
(14)	1.50	2.00	3.00	2.00	1.70	
(15)	3.25	3.25	1.00	3.25	3.50	
(16)	15.00	20.00	20.00	18.00	18.00	1
(17)	27.00	25.00	30.00	28.00	36.00	1
(18)	4.00	3.50	8.00	4.50	4.00	
(19)	4.00	1.50	10.00	3.00	3.00	
(20)	1.25	1.50	2.00	1.50	1.50	
(21)	2.00	2.00	2.00	2.00	2.00	
(22)	3.00	2.00	1.50	2.00	2.00	
(23)	.13	.35	.50	.20	.20	
(24)	3.00	2.00	3.00	3.00	3.00	
(25)	4.00	3.00	3.00	3.50	3.00	
(26)	160.00	160.00	160.00	160.00	160.00	16
(27)	500.00	500.00	500.00	500.00	500.00	50

Bids held under advisement.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $103,826.65 (Alt. A, asphalt concrete) awarded contract by the State Highway Commission, Sacramento, for grading and paving with portland cement concrete and asphalt concrete about 0.9 mile in the City of Oakland on 38th St. and Moss Ave., between Market St. and Broadway.

CONTRACT AWARDED

SHASTA COUNTY, Cal.—E. F. Hilmar, 1355 43rd St., Sacramento, at $3,070 awarded contract by State Highway Commission at Sacramento, for treating with liquid asphalt about 3 miles in Shasta County between Route 28 and Four Corners and that portion within McArthur Memorial Park, involving 135 tons liquid asphalt, Type SC-4.

CONTRACT AWARDED

RIVERSIDE and San Bernardino Counties, Calif.—C. W. Wood, Box 49, Stockton, at $42,020.90 awarded contract by the State Highway Commission, Sacramento, for treating with liquid asphalt about 33.5 miles in Riverside and San Bernardino Counties between 6 miles north of Blythe and Vidal.

BIDS WANTED

PLUMAS COUNTY, Cal.—Until Aug. 12 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 1.823 miles grading on Section B of Route 20, the Almanor National Forest, Highway, Plumas National Forest, Plumas County.

The work involves:

15 acres clearing;
26 acres cleanup clearing;
110,000 cu. yds. unclassified excavation;
760 cu. yds. unclassified excavation for structures;
36,200 sta. yds. overhaul;
6000 cu. yds. subgrade reinforcement;
7500 cu. yds. mi. haul subgrade reinforcement;
496 lin. ft. perforated CMP in place;
1646 lin. ft. CMP (asphalt dipped) in place;
8 each Type A spillway inlets;
32 cu. yds. concrete;
700 lbs. reinforcing steel;
80 cu. yds. crushed rock or gravel for backfill;
2000 lin. ft. remove and reset fence;
190 lin. ft. remove and relay or stockpile existing CMP;
7250 lin. ft. Type 1 protection ditch;
44 each right-of-way monuments;
24 each culvert markers.

Plans and specifications obtainable from the above office upon deposit of $10.

COMPLETE BID LISTING

HUMBOLDT COUNTY, Nevada—J. French Jr., P. O. Box 107, Stockton, at $21,086.86, as previously reported, submitted low bid to the Nevada State Highway Directors, Robt. Allen, State Highway Engineer, Carson City, July 24, for surfacing with asphaltic roadmix about 12.33 miles in Humboldt County between Winnemucca and Toll House.

The work involves:

922 tons asphaltic road material Type SC-2;
81 tons asphaltic road material Type MC-2;
12.33 miles roadmix;
12.33 miles finish roadway;
146 each culvert markers.

Total bids follow:

(A) Geo. French Jr., Stockton, $21,086.86.
(B) H. B. Lee, San Leandro, $21,205.90.
(C) Dodge Constr. Inc., Fallon, $23,218.
(D) J. C. Compton, McMinnville, Ore., $25,122.50.
(E) Engineer's Estimate, $24,075.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 14.87	$15.00	$16.00	$16.50	$17.00
(2)	21.87	22.00	23.00	26.50	24.00
(3)	400.00	400.00	440.00	550.00	450.00
(4)	25.00	30.00	60.00	50.00	50.00
(5)	2.50	2.00	3.00	2.50	2.00

CONTRACT AWARDED

VENTURA and Los Angeles Counties, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $219,606 awarded contract by the State Highway Commission, Sacramento, for grading and paving with Portland cement concrete about 5.6 miles in Ventura and Los Angeles Counties between Little Sycamore Canyon and Encinal Canyon, and widening two bridges.

BIDS WANTED

BUTTE and Tehama Counties, Cal.—Until August 20, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing subgrade reinforcement on portions of Sections F and G of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

The length of the project is 9.603 miles and the work involves:

(1) 1 acre clearing;
(2) 3,000 c.y. unclass. excavation;
(3) 12,000 c.y. subgrade reinf.;
(4) 500 c.y. mi. overhaul;
(5) 550 c.y. structure excavation;
(6) 14 l.f. 36-in. CMP;
(7) 174 l.f. 8-in. CMP;
(8) 1,720 l.f. 8-in. perforated CMP;
(9) 500 c.y. crushed rock or gravel backfill;
(10) 119 each culvert markers.

Specifications obtainable from the above office upon deposit of $10.

LOW BIDDERS

NAVAJO COUNTY, Ariz.—Skousen Bros., Albuquerque, N. M., at $47,240.35 submitted the lowest of eight bids received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading Section B, and placing selected material subgrade reinforcement on Sections A and B of Route 30, the Globe Showlow National Forest Highway, Sitgreaves National Forest, Navajo County, Ariz. The length of the project is 8.125 miles.

Henry Thygesen, Albuquerque, N. M., at $50,270.15 submitted second low bid.

Third low bid was submitted by O. F. Fisher Const. Co., Phoenix, at $51,829.35.

Engineer's estimate, $56,239.08.

BIDS OPENED

COWLITZ COUNTY, Wash.—Cowan & Hubback, 317 Highland Drive, Seattle, at $38,933 on metal pipe, and at $39,145 on concrete pipe submitted low bid to the Bureau of Public Rds., W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, July 24, for grading about 1.3452 miles of St. Helens National Forest Highway, Columbia National Forest, Cowlitz County, Washington.

Low bids follow:

Cowan & Hubback, Seattle: metal pipe, $38,933; concrete pipe, $39,145
Lucich Co., Seattle: metal pipe, $39,250.36; concrete, $39,444.36.
J. D. Harms, Seattle: metal pipe, $39,490.08; concrete $39,665.98.

CONTRACT AWARDED

PACIFIC & WAHKIAKUM COS., Wash.—Homer G. Johnson, Imperial Hotel, Portland, at $124,941 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, July 23, for producing mineral aggregate for about 14.2 miles, Palix to Johnson's Landing; surfacing and producing mineral aggregate on about 17.9 miles, Jonson's landing to Grays River; producing mineral aggregate for about 6.6 mi., Bear River to Ilwaco.

Joslin & McAllister, 3038 E. Trent St., Spokane, at $124,962 submitted second low bid, and R. O. Dall and Warren Bros., Aberdeen, at $125,674 submitted third low bid.

BIDS WANTED

LINCOLN AND TILLAMOOK COS., Oregon—Until August 9, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 13.5305 miles grading on the Salmon River Highway Project 2-A3, B4, C3, National Forest Road Project, located within the Siuslaw National Forest, Lincoln and Tillamook Counties, Oregon.

The work involves:

(1) 40 acres clearing;
(2) 30 acres grubbing;
(3) 168,250 cu. yds. unclass. excav.;
(4) 188,000 sta. yds. overhaul;
(5) 13.5305 mi. finishing earth graded road;
(6) 3000 cu. yds. crushed rock top course;
(7) 12 acres roadside cleanup;
(8) 70 each dangerous trees & snags;
(9) 22,000 cu. yds. mi. overhaul;
(10) 43 cu. yds. Class A concrete (box culverts);
(11) 200 cu. yds. loose riprap, Type 2;
(12) 600 cu. yds. cem. rubble masonry;
(13) 1569 lin. ft. culverts;
(14) 47,000 lin. ft. rounding cut slopes
(15) 1000 lin. ft. 8-in. porous tile underdrain;
(16) 4000 cu. yds. slavaging surfacing material;
(17) Lump sum, old road obliteration;
(18) 3000 cu. yds. subgrade reinforcement material, stockpile;
(19) 15,000 cu. yds. mi. hauling surfacing material;
(20) 6000 cu. yds. loading and placing surfacing material.

Plans and specifications obtainable from above office upon deposit of $10.

BIDS WANTED

JACKSON COUNTY, Oregon—Until August 7, 10 A. M., bids will be received by the Bureau of Public Roads W. H. Lynch, District Engineer, 316 New Postoffice Bldg., Portland, for 1.234 miles grading and 0.947 miles advance clearing on the Tiller-Trail Project 16-G1, H National Forest Rd. Project located within the Rogue River National Forest, Jackson County.

The work involves:

(1) 14 acres clearing;
(2) 9 acres grubbing;
(3) 107,150 c.y. unclass. excav.;
(4) 135,000 sta. yds. overhaul;
(5) 5 acres roadside cleanup;
(6) 8,000 l.f. roadside cleanup;
(7) 350 l.f. 18-in. reinf. concrete pipe;
(8) 400 l.f. 30-in. extra strength reinforced concrete pipe.

Plans and specifications obtainable from the above office upon deposit of $10.

COMPLETE BID LISTING

INYO COUNTY, Cal.—Paulsen & March, Inc., 8275 Compton Ave., Los Angeles, at $13.35 per ton, total, $4,806, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer,

Bishop, July 23, for treating with liquid asphalt about 20 miles in Inyo County, between 0.5 mile west of Lone Pine and Darwin, involving 360 tons liquid asphalt, Type SC-3.

Complete bids follow:

Paulsen & March, Inc., Los Angeles, (1) $13.35 per ton; (2) total, $4805.

Square Oil Co., Los Angeles, (1) $14; (2) $5040.

Gilmore Oil Co., Los Angeles (1) $15.78 (2) $5680.

Hayward Bldg. Materials Co., Hayward, (1) $20.90; (2) $7524.

CONTRACT AWARDED

KERN COUNTY, Cal.—John Jurkovich, 3530 Balch Ave., Fresno, at $4,510 awarded contract by State Highway Commission, Sacramento, for applying a seal coat on about 4.3 miles in Kern County, between 4.3 miles west of Buttonwillow and Buttonwillow. *

CONTRACT AWARDED

WHATCOM COUNTY, Wash.—Lidral Const. Co., 1006 Securities Bldg., Seattle, at $18,481 awarded contract by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for constructing the Baker River Reconstruction, Grading and Bridges Project NR-25-A4, B3, National Forest Road Project located within the Mt. Baker National Forest, Whatcom Co.

LOW BIDDER

SAN BENITO COUNTY, Calif.—L. A. Brisco, Arroyo Grande, at $3,696 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for about 13.7 miles of liquid asphalt treatment in San Benito County between San Benito and Willow Creek, and between Route 119 and Pinnacles National Monument.

BIDS WANTED

MODOC COUNTY, Cal.—Until Aug. 13, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 20.699 miles of bituminous treatment on Section A of Federal Lands Highway Project No. 6, Lava Beds, Modoc County, and on Sections B and C of Route 11, the Lava Beds National Forest Highway, Modoc National Forest, Modoc County.

The work involves:

(1) 110 tons liquid asphaltic road material, Type SC-2;
(2) 247 tons do, Type MC-2;
(3) 620 tons do, Type MC-3;
(4) 8.623 miles mixing and rolling.

Plans and specifications obtainable from the above office upon deposit of $10.00. * 9

LOW BIDDER.

MENDOCINO COUNTY, Calif.—Albert Hellwig, 15 S Main St., Sebastopol, at $18.94 per ton submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for about 67.5 miles of liquid asphalt treatment in Mendocino County between Gualalla and eight miles north of Fort Bragg.

LOW BIDDER.

MENDOCINO and Lake Cos., Cal.—Basalt Rock Co., Inc., 900 8th St., Napa, at $17.50 per ton submitted the low bid to the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the application of oil over Cobb Mountain between Middletown and Lower Lake Road in Lake County and between Gualalla and eight miles north of Fort Bragg in Mendocino County.

AWARD RECOMMENDED

TUOLUMNE COUNTY, Cal.—Award of a contract to Peninsula Paving Co., 9 Main St., San Francisco, at $166,528 (standard drain tile) for placing bituminous treated crushed gravel base course on 11.613 miles of Section C1 or Route 4, Tioga Road, Yosemite National Park, Tuolumne County, has been recommended by District Engineer, C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco.

BIDS OPENED

LOS ANGELES, Cal.—Kohl - Connolly Co., 4351 Alhambra Ave., Los Angeles, at $827,564 submitted low bid to U. S. Engineer, 751 South Figueroa St., Los Angeles, for furnishing all labor and material and performing all work for constructing a composite type breakwater approximately 2000 ft. long in Los Angeles-Long Beach Outer Harbors.

The work involves:

(1) 155,000 tons Class A stone;
(2) 150,000 solid cubic yards, exclusive of voids, Class B stone;
(3) 215,000 cu. yds. place measurement dredging for sand and clay core.

The low bid on each item was (1) $2.20; (2) $2.60; (3) $0.45.

Other total bids were:

Merritt-Chapman & Scott Corp., San Pedro, $846,286; Columbia Constr. Co., Portland, Ore., and Oakland, Calif., $975,000. Engineer's estimate, $787,395.

CONTRACT AWARDED

KERN COUNTY, Calif.—Palo Alto Road Materials Co., Ltd., 465 California Ave., Palo Alto, at $2,537.82 was awarded contract by the State Highway Commission, Sacramento, for applying a seal coat on about 4.3 miles in Kern County bet. 4.3 miles west of Buttonwillow and Buttonwillow.

It was previously reported incorrectly that the contract was awarded to John Jurkovich of Fresno at $4,510.

BIDS WANTED

LAWNDALE, San Mateo Co., Cal.—Until August 12, 8 P. M., bids will be received by the Lawndale City Council, E. A. Weisenburger, City Clerk, for grading a portion of F St., bet. the easterly line of El Camino Real and the easterly line of the subdivision known as the City Extension Homestead Association.

Plans and specifications obtainable from City Engineer George A. Kneese, 2382 Broadway, Redwood City.

LOW BIDDER

INYO COUNTY, Cal.—Paulsen and March, Inc., 8275 Compton Ave., Los Angeles, at $4,459.85 submitted the low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for road oiling in Inyo County between Big Pine and east end of Cedar Flat, about 13.5 miles in length, to be treated with liquid asphalt.

The unit bids were:

(1) 85 tons liquid asphalt, SC-2, $12.74
(2) 235 tons do, SC-3, $14.37.

30—RESERVOIRS & DAMS

BOND ELECTION

LODI, San Joaquin Co., Cal.—The Lodi City Council has set September 12 as the date for a special election to vote bonds in the amount of $466,000 to finance construction of the Mokelumne River hydro-electric plant, consisting of the construction of a concrete arch dam 59 feet high in the Mokelumne River about 27 miles from Lodi, a reinforced concrete power house with 1375 KVA generator unit, a step-up transformer station at the power house, and 27 miles of transmission line to Lodi; also a step transformer station within the limits.

Clinton Henning, City Engineer; C. Herrmann, Merchants' Exch. Bldg., San Francisco; Walter L. Huber, Crocker First National Bk. Bldg., San Francisco, and Nelson Eckart, 425 Mason St., San Francisco, consulting engineers.

CONTRACT AWARDED

BONNEVILLE DAM, Oregon—Electric Machine Co., 1331 Tyler St., N. Minneapolis, Minn., at $62,54 awarded contract by the U. S. Engineer Office, Second Portland Dist. 627 Pittock Block, Portland, under No. 694-35-20, for furnishing and installing one 4000 kw. vertical shaft alternating current generator, volts, 60 cycles, 257 r.p.m. with auxiliaries and spare parts, in the Bonneville Power Plant.

LOW BIDDERS

HANFORD, Kings Co., Cal.—C. Const. Co., Inc., 905 Westminster Ave., Alhambra, at $62,900 submitted low bid to the Board of Directors of the Peoples Ditch Co., Roy Frederick, Secretary, First National Bank Bldg., Hanford, for constructing a reinforced concrete weir in Kings River at the head of the company's main canal. The weir will replace a timber structure completed in 1910. It will be 435 feet in length and designed to retain water at a depth of 15 ft. if necessary.

Total bids follow:

Case Const. Co., Alhambra.....$62,
Trewhitt-Shields Co., Fresno.... 65,
Lord & Bishop, Sacramento..... 68,
Fredrickson & Watson Const. Co., Oakland 72,

Bids held under advisement.

COMPLETE BID LISTING

HANFORD, Kings Co., Cal.—C. Const. Co., Inc., 905 Westminster Ave., Alhambra, at $62,900, as previously reported, submitted low to the Board of Directors of Peoples Ditch Co., Roy Frederick, Secretary, First National Bank Bldg., Hanford, for constructing a reinforced concrete weir in Kings River at the head of the company's main canal. The weir will replace a timber structure completed in 1910. It will be 435 feet in length and designed to retain water at a depth of 15 ft. if necessary.

Bids were taken as follows:

(1) Per cu. yd., wet excavation;
(2) Per cu. yd., dry excavation;
(3) Per lin. ft., sheet piling;
(4) Per. lb. structural steel I-beams and car rails;
(5) Per lb., reinforcing steel;
(6) Plain and reinforced concrete.

Total bids follow:

(A) Case Constr. Co., Alhambra, $6 900.
(B) Trewhitt-Shields Co., Fresno $65,950.
(C) Lord & Bishop, Sacramento, $6 000.
(D) Fredrickson & Watson Const. Co., Oakland, $72,570.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.80	$ 1.90	$ 3.00	$ 2
(2).....	.20	1.00	1.00	
(3).....	5.30	21.80	20.00	23
(4).....	.075	.10	.09	
(5).....	.04	.05	.04	
(6).....	16.00	10.25	15.00	17.

Bids held under advisement.

CONTRACTS AWARDED

SAN BRUNO, San Mateo Co., Cal. Cement Gun Constr. Co., 85 Second St. San Francisco, at $6000 awarded contract by San Bruno City Council f

ing the new San Bruno municipal reservoir.
Multy Lumber Co., San Bruno, at 2022 awarded contract for furnishing redwood lumber; and the Alta Hotg Co., 976 Indiana St., San Francisco, awarded contract for tar and felt at $400.

AS BEING COMPLETED

SAN GABRIEL, Los Angeles Co., Cal.—H. Howell, Chief Engineer, Flood Control District, is completing final specifications for the revised plans of the San Gabriel Dam. The revised plans provide for wider base than originally specified and the different method of packing rock into the structure. Plans will probably be presented to the Board of Supervisors within the next few days and then forwarded to State Engineer Edward Hyatt for approval. The board is now under consideration a proposed agreement with the contractors, Slope Constr. Co., whereby the contractor will be paid damages on account of the cessation of construction activities.

1 — PIPE LINES & WELLS

E WANTED

SAN BERNARDINO COUNTY, Cal. Until August 5, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. Sullivan, District Engineer, 247 3rd St., San Bernardino, for drilling water supply well in San Bernardino County on the Mountain Pass Maintenance Station Site, involving:

Pilot furnishing drilling equipment;
5 l.f. of well complete in place; (ground level to 125 ft. depth)
l.f. of well complete in place (below 125 ft. depth);
Pilot capacity and alignment tests complete.

Plans and specifications may be obtained at the above office. Cash or certified or cashier's check, 10%.

TRACT AWARDED

YELLOWSTONE NATIONAL PK., Wy.—Steel Tank & Pipe Co. of California, 1100 4th St., Berkeley, at $65,-765.25 awarded contract by the National Park Service, Frank A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing steel pipe, pipe connections and materials, the transportation, placing and welding of the pipe, and the connections with existing pipe lines, valves, etc., etc., including all backfill and restoration of ground surface, for a 12-electric plant being constructed in the vicinity of Mammoth Hot Springs, Yellowstone National Park. Trench excavation will be done by the National Park Service by its own forces.

2—SEWERS & SEWAGE DISPOSAL PLANTS

DS VOTED

EL MONTE, Los Angeles Co., Cal.—$27,500 bond issue to finance city's share of the cost of the proposed sewage disposal plant carried at election July 23. The city will apply for a federal PWA loan to make up the balance of the estimated cost, which is $91,000. Plans are being prepared by J. C. Ellis, City Engineer, and Currie Engineering Co., 219 Carson Block, San Bernardino, consulting engineer. The plant as now planned will be the sprinkling filter type with separate sludge digestion, located near the Rio Hondo.

TRACT AWARDED

LOS ANGELES, Cal.—Joe Sutalo, 2 Camulos St., Los Angeles, at $18,-680 awarded contract by the Los Angeles Board of Public Works, for constructing vitrified clay pipe sanitary sewer and appurtenances in Inglewood Blvd., between Victoria Avenue and Venice Blvd., and portions of other streets and alleys in the Mountain View Avenue and Venice Blvd. Sewer District.

BIDS OPENED

CAMARILLO, Ventura Co., Cal.—Fred J. Early Jr., 369 Pine St., San Francisco, at $83,900 submitted low bid to Department of Public Works, Division of Architecture, Sacramento, for constructing sewage disposal plant at the Camarillo State Hospital.

Complete bids follow:

	(1) add for road work.	
Fred J. Early Jr., S. F.		$ 83,900
	(1)	1,000
Contracting Engrs., Los Angeles		85,900
	(1)	2.000
Cresmer Mfg. Co., Riverside		87,300
	(1)	1.300
V. Lovrich and L. B. Konjevod, Los Angeles		93,800
	(1)	900
Marko Matick, Los Angeles		94,554
	(1)	2,429
R. H. Travers, Los Angeles		$96,028
	(1)	1,450
Andy Sordal, Long Beach		99,850
	(1)	1,300
Los Angeles Contracting Co. and C. G. Wopschall, Los Angeles		104,900
	(1)	1,000
J. C. Hickey, Alhambra		105,000
	(1)	1,400
Oscar Oberg, Los Angeles		109,300
	(1)	1,000

Bids held under advisement.

33— WATER WORKS

CONTRACT AWARDED

HEALDSBURG, Sonoma Co., Cal.—A. W. Garrett, 106 Matheson Street, Healdsburg, at $4,700 awarded contract by the Healdsburg City Council July 22 for laying water mains and fittings.

July 25, 1935

CONTRACT AWARDED

SAN FRANCISCO. — Fay Improvement Co., Phelan Bldg., at $23,441.66 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,350, for installation of Section "A" of the Emgarcadero District Extension to the Auxiliary Water Supply System for Fire Protection.

The work is located on Folsom St. between Beale St. and the Embarcadero, and on the Embarcadero between Folsom St. and Pier 22½.

BIDS OPENED

SAN FRANCISCO—A. Paulsen, 816 Folsom St., at $450 submitted low bid to Custodian U. S. Post Office, San Francisco, for repairs to deep well pump and for four check valves at the Post Office, 7th and Mission Sts. Only other bid was submitted by the Hubbard Machine Co. at $553.

Bids held under advisement.

July 31, 1935

TO ASK FUNDS

TUCSON, Ariz.—The Phoenix city council has authorized the city manager, R. E. Butler, to apply to the PWA for $475,000 to finance improvements to the water system. The proposed works include a 1,000,000-gal. storage tank near Tucson Blvd. and East Second St., completion of the 6,000,000-gal. tank at West 18th and Osborn Sts.; installation of two gasoline driven pumps to replace steam pumps now in use at the main booster plant.

BIDS OPENED

SAN FRANCISCO. — A. Paulsen, 816 Folsom St., at $1.45 per l.f., total $456.75 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,776 ,for making test borings for fire cisterns on Van Ness Ave. at Grove, Ellis, Post, Pine, Broadway, Union, Greenwich, Lombard and Bay Streets.

Complete bids follow:

A. Paulsen, $1.45 per l.f., total $456.-75.

William Allingham Co., $1.70; total $535.50.

D. J. Longtin, $1.75; total $551.25.

J. B. Rogers, $1.90; total $598.50.

All bidders of San Francisco.

PLANNED

PHOENIX, Ariz.—Mayor Joseph S. Jenckes has announced that the city will install as a WPA project 6000 water meters at a cost of $40,000. C. E. Griggs, city engineer and water superintendent.

SPECIFICATIONS COMPLETED

LOS ANGELES, Cal.—Los Angeles Metropolitan Water District engineers have completed specifications No. 116 for furnishing centrifugal pumps for the main pumping plant of the Colorado River Aqueduct and they will be ready for distribution to prospective bidders next week when the date for receiving bids will be announced.

A charge of $5 will be made for each set of specifications.

Bidder's security in the amount of $10,000 for each of five items in the bid will be required.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SAN FRANCISCO—Hjul Christensen, at $157 submitted low bid to Custodian, Post Office, San Francisco, for seeding and planting grounds at the Post Office, 7th and Mission Sts., San Francisco. Complete bids follow:

Hjul Christensen	$157
Nick Hemminga	197
Thomas M. Jones	440

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., at $1,187.35, awarded contract by Recreation Commission for constructing of certain 18-ft. and 6-ft. high chain link fencing at the Jas. Rolph Playground, Army St. and Potrero.

BIDS WANTED

ALAMEDA, Alameda Co., Cal.—Until August 20, bids will be received by the Custodian, U. S. Post Office, Alameda, for seeding and planting the grounds at the post office, Alameda.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until August 6, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, for furnishing materials only for fences around 2 tennis courts in Codornices Park.

The work involves:

(1) 521 ft. 10-ft. high fence;
(2) 31 ft. 9-ft. high fence;
(3) 17½-ft. walk gates;
(4) 1 3-in. end post for 10-ft. fence;
(5) 9 3-in. gate posts for do;
(6) 3 3-in. corner posts for do;
(7) 1 3-in. corner post for 9-ft. fence;
(8) 16 ft. 6-ft. high fencing;
(9) 1 set 3-in. O. D. fittings for 6-ft. fence;
(10) 1 3-in. O. D. end post for 6-ft. fence;
(11) 1 3-in. O. D. stud with flat top and fittings for 3½-ft. fence.

Specifications obtainable from the above office.

35— TUNNELS

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., 609 South Grand Ave., Los Angeles, bidding jointly, at $1,148,104 awarded contract by the Metropolitan Water District, Los Angeles, under Spec. No. 107, for the construction of Moonrovia No. 4 and San Rafael Nos. 1 and 2 tunnels, Colorado River Aqueduct. The award was made on Sched. I (San Rafael tunnels) at $503,145, and on Sched. II (Monrovia Tunnel) at $658,459, with a deduction of $0.30 per c.y. from Item 2, Schedule 2, for award of both contracts, making a net total of $1,148,104.

COMPLETE BID LISTING

LOS ANGELES, Cal.—Low bids submitted to the Metropolitan water Dist. Los Angeles, July 30, for constructing concrete-lined tunnels in Sierra Madre and Pasadena, Specifications No. 110, were:

SCHEDULE I—J. F. Shea Co., Inc., Mecca, Calif.—at $256,441.50.

SCHEDULE II — L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., 609 So. Grand Ave., Los Angeles—at $204,475.

The work consists of the construction of concrete-lined tunnels or precast concrete pipe lines and appurtenant works of the Colorado River Aqueduct distribution system, between Stations 2887 plus 00 and 2951 plus 50, and between Stations 3061 plus 00 and 3117 plus 14 of the Upper Feeder. The work involves the excavation and lining of water supply pressure tunnels with approaches of jointed cast-in-place pipe, having interior diameter of 10 ft., and the construction of precast concrete pipe lines having interior diameter of 9 ft. 10 in., and has been divided into schedules as follows:

Schedule Number	Length in miles Tunnel	Pipe Cast in Place	Pipe Precast
1	1.14	0.08	
2	1.04	0.02	
Total	2.18	0.10	
3	0.29	.....	0.93
4	.....	.....	1.06
Total	0.20	.....	1.99

Schedules 1 and 3 are alternative, also Schedules 2 and 4 are alternative.

F. E. Weymouth, General Manager and Chief Engineer.

The schedules and items are:

SCHEDULE 1

Construction of 6050 feet of tunnel and 400 feet of cast-in-place pipe, together with appurtenances, between Upper Feeder Stations 2887 plus 00 and 2951 plus 50 in Sierra Madre.

NOTE: Schedules 1 and 3 are alternative.

(1) 30,000 cu yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 5500 cu. yds. excav. for pipe;
(4) 3700 cu. yds. backfill for pipe;
(5) 250 tons erecting steel support in tunnel;
(6) 250 M. feet b.m. furnishning and placing permanent timbers in tunnel;
(7) 100 cu. yds. Gunite coating of rock in tunnel;
(8) 10,060 cu. yds. concrete in tunnel;
(9) 685 cu. yds. concrete in cast-in-place pipe;
(10) Does not apply here;
(11) 15 cu. yds. concrete in structures plain;
(12) and (13) Do not apply here;
(14) 2,100,000 lbs. placing reinforcement steel in tunnel;
(15) 250,000 lbs. placing reinforcement steel in cast-in-place pipe;
(16) and (17 Do not apply here;
(18) 6000 lbs. installing miscellaneous metal;
(19) 300 ton-miles hauling steel;
(20) 500 ton-miles hauling cement;

SCHEDULE 2

Construction of 5504 feet of tunnel and 100 feet of cast-in-place pipe, together with appurtenances, between Upper Feeder Stations 3061 plus 00 and 3117 plus 14, principally in Pasadena.

NOTE: Schedules 2 and 4 are alternative.

(1) 28,000 cu. yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 1600 cu. yds. excav. for pipe;
(4) 1100 cu. yds. backfill for pipe;
(5) 225 tons erecting steel support in tunnel;
(6) 225 M. feet b.m. furnishing and placing permanent timbers in tunnel;
(7) 100 cu. yds. Gunite coating of rock in tunnel;
(8) 9150 cu. yds. concrete in tunnel;
(9) 175 cu. yds. concrete in cast-in-place pipe;
(10) 5 cu. yds. concrete in structures reinf.;
(11) 10 cu. yds. concrete in structures —plain;
(12) and (13) Do not apply here;
(14) 2,900,000 lbs. placing reinf. steel in tunnel;
(15) 62,000 lbs. placing reinf. steel in cast-in-place pipe;
(16) 1000 lbs. placing reinforcement steel in structures;
(17) Does not apply here;
(18) 6500 lbs. installing miscellaneous metal;
(19) 2600 ton-miles hauling steel;
(20) 4000 ton-miles hauling cement;

SCHEDULE 3

Construction of 1550 feet of tunnel and 4900 feet of precast concrete pipe, together with appurtenances, between Upper Feeder Stations 2887 plus 00 and 2951 plus 50 in Sierra Madre.

NOTE: Schedules 3 and 1 are alternative.

(1) 7700 cu. yds. excav. in tunnel;
(2) 50 cu. yds. excav. for tunnel enlargement;
(3) 52,000 cu. yds. excav. for pipe;
(4) 32,000 cu. yds. backfill for pipe;
(5) 65 tons erecting steel support in tunnel;
(6) 65 M. feet b.m. furnishing and placing permanent timbers in tunnel;
(7) 25 cu. yds. gunite coating of rock in tunnel;
(8) 2600 cu. yds. concrete in tunnel;
(9) Does not apply here;
(10) 60 cu. yds. concrete in structures —reinf.;
(11) 200 cu. yds. concrete in structures—plain;
(12) 1750 cu. yds. concrete in cradle;
(13) 4902 lin. ft. precast concrete pipe;
(14) 210,000 lbs. placing reinf. steel in tunnel;
(15) Does not apply here;
(16) 3000 lbs. placing reinf. steel in structures;
(17) 1,090,000 lbs. furnishing and placing reinf. steel in precast pipe;
(18) 6500 lbs. installing miscellaneous metal;
(19) 200 ton-miles hauling steel;
(20) 500 ton-miles hauling cement;

SCHEDULE 4

Construction of 5623 ft. of precast concrete pipe, together with appurtenances, between Upper Feeder Stations 3061 plus 00 and 3117 plus 14, principally in Pasadena.

NOTE: Schedules 4 and 2 are alternative.

(1) and (2) do not apply here;
(3) 63,000 cu. yds. excavation for pipe;
(4) 40,000 cu. yds. backfill for pipe;
(5) to (9) Do not apply here;
(10) 60 cu. yds. concrete in structures —reinforced;
(11) 100 cu. yds. concrete in structures—plain;
(12) 2750 cu. yds. concrete in cradle;
(13) 5623 lin. ft. precast concrete pipe;
(14) and (15) do not apply here;
(16) 6000 lbs. placing reinf. steel in structures;
(17) 1,370,000 lbs. furnishing and placing reinf. steel in precast concrete pipe;
(18) 13,000 lbs. installing miscellaneous metal;
(19) 20 ton-miles hauling steel;
(20) 3500 ton-miles hauling cement.

The total bids on SCHEDULE I were:

(A) J. F. Shea Co., Inc., Mecca, Calif., $256,441.50.
(B) L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., Los Angeles, $292,915.
(C) Morrison-Knudsen Co., Los Angeles, $311,057.50.
(D) S. S. Magoffin, 1506 E. Mountain Ave., Pasadena, $337,510.

The unit bids on Schedule I were:

	(A)	(B)	(C)	(D)	(E
(1)....	$ 5.00	$ 5.70	$ 5.40	$ 6.90	$
(2)....	7.00	6.00	10.00	8.00	1
(3)....	.35	.85	1.00	2.00	
(4)....	.17	.50	.50	.60	
(5)....	23.00	20.00	37.00	40.00	3
(6)....	34.50	35.00	75.00	50.00	7
(7)....	16.00	1.00	14.00	20.00	1
(8)....	5.92	7.00	8.00	6.00	
(9)....	9.20	9.00	10.50	8.00	
(10)....	.....	.....	.....	.....	
(11)....	11.50	25.00	15.00	20.00	3
(12)(13)	.. ..	.....	.....	.....	
(14)....	.009	.01	.01	.011	1
(15)....	.009	.01	.01	.01	
(16)(17)	.....	.....	.....	.....	
(18)....	.06	.05	.05	.10	
(19)....	.14	1.00	.30	.20	
(20)....	.08	.50	.20	.10	

The total bids on Schedule II were:

(A) L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., Los Angeles, $204,475.
(B) J. F. Shea Co., Inc., Mecca, Calif., $234,573.50.
(C) Morrison-Knudsen Co., Los Angeles, $291,425.
(D) Artukovich Bros., $291,889.75
(E) S. S. Magoffin & Co., 1506 E. Mountain Ave., Pasadena, $ 470.

	(A)	(B)	(C)	(D)	(E
(1)....	$ 4.00	$ 4.83	$ 5.50	$ 6.30	$
(2)....	6.00	7.00	10.00	10.00	
(3)....	.50	.35	1.50	2.37	
(4)....	.40	.17	.50	.47	
(5)....	20.00	23.00	37.00	30.00	4
(6)....	35.00	34.50	75.00	65.00	6
(7)....	1.00	16.00	14.00	10.00	2
(8)....	5.00	5.92	8.10	6.02	
(9)....	10.00	9.20	11.00	9.17	
(10)....	25.00	13.00	20.00	40.00	3
(11)....	8.00	11.50	15.00	30.00	2
(12)(13)	.....	.....	.....	.....	
(14)....	.01	.009	.01	.01	1
(15)....	.01	.009	.01	.014	
(16)....	.02	.009	.02	.02	
(17)....	.....	.....	.....	.....	
(18)....	.05	.06	.05	.10	
(19)....	.15	.14	.20	.10	
(20)....	.10	.08	.15	.08	

The total bids on Schedule III were:

(A) Chicago Bridge & Iron Co., Los Angeles, $288,258.60.
(B) American Concrete & Steel Pipe Co., Los Angeles, $322,200.
(C) United Concrete Pipe Corp., Los Angeles, $327,177.

The unit bids on Schedule III were:

	(A)	(B)	(C)
1)	$ 6.20	$ 6.50	$ 7.00
2)	10.00	10.00	9.00
3)	.65	1.20	1.37
4)	.30	.20	.30
5)	37.00	10.00	20.00
6)	75.00	80.00	50.00
7)	11.00	20.00	25.00
8)	11.00	8.00	9.06
9)	....	.....	.....
10)	20.00	32.50	25.00
11)	15.00	30.00	20.00
12)	6.00	5.00	6.00
13)	19.30	22.00	19.00
14)	.01	.012	.008
15)	.....	.....	.....
16)	.015	.013	.008
17)	.045	.043	.048
18)	.05	.10	.10
19)	.30	.25	.50
20)	.20	.20	.50

The total bids on Schedule IV were:
A) Chicago Bridge & Iron Works, Los Angeles, $260,887.40.
B) United Concrete Pipe Corp., Los Angeles, $291,600.
C) American Concrete & Steel Pipe Corp., $293,020.20.
D) Wood & Bevanda, Stockton, $368,-417.50.

The unit bids on Schedule IV were:

	(A)	(B)	(C)	(D)
1) & (2)	$	$	$	$ ....
3)	.70	1.37	1.20	1.95
4)	.30	.30	.40	.50
5) to (9)	....	....	....	....
10)	20.00	25.00	32.50	15.00
11)	15.00	20.00	30.00	15.00
12)	6.00	5.50	5.00	7.50
13)	18.00	19.00	21.40	22.50
14) & (15)	....	....	....	....
16)	.015	.008	.013	.01
17)	.0575	.048	.044	.055
18)	.05	.10	.10	.02
19)	.50	1.00	.50	.25
20)	.10	.20	.20	.10

Stipulations attached to the bids were as follows:

L. E. Dixon Co., Bent Bros., Inc., & Johnson, Inc.—If awarded Schedules 1 and 2, deduct 10 cents a cu. yd. from item (1) in both schedules.

Chicago Bridge & Iron Works—The bid is based on both schedules 3 and 4 being awarded to this bidder. Either 3 or 4 alone is not acceptable.

Artukovich Bros., Inc.—Should the bidder be low under each of the schedules bid on would want only schedule 3.

United Concrete Pipe Corp.—Stipulation 1—Will accept either 3 or 4 separately. Stipulation 2—Will accept 3 and 4 together and if awarded, this bidder will deduct 4 per cent from all items in schedules 3 and 4, making a total deduction of $24,751.08.

Morrison-Knudsen Co.—No stipulations.

American Concrete & Steel Pipe Co.—In the event of award to this company of 3 and 4 together, deduct from bid totals $45,560, such deduction to be made by reducing unit prices in item 3, schedule 3 by $7 per ft. and in item 13, schedule 4 by $2 per ft.

J. F. Shea Co., Inc.—No stipulations.

S. S. Magoffin Co., Inc.—No stipulations.

ADVERTISING COSTS LESS THAN WAITING TO ADVERTISE

(Continued from Page 17)

19—MISC. CONSTRUCTION

To Ask Bids Immediately

MODESTO, Stanislaus Co., Calif.—Sixteenth and I Streets.
Two-story and basement wood frame, concrete and tile mortuary (16 rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.

NOTICE TO BIDDERS

LOS ANGELES, Cal. — The engineering department of the Metropolitan Water District has announced that a 3-day inspection trip over the location of the proposed telephone line (specifications No. 106), and the transmission line (specification No. 104), is scheduled to start Tuesday, July 30, 1935, at 8:30 A. M., from the District's garage, 358 So. Olive St., Los Angeles. Bidders who desire to inspect only a portion of the territory involved may accompany the party for that portion which interests them. For information as to itinerary and other data call Robert N. Allen, NI 9261, or see them on the 7th Floor, 306 West Third St., Los Angeles.

CONSTRUCTION TO START IMMEDIATELY

BURBANK, Los Angeles Co., Cal.—Warner Bros.-First National Studios Burbank, started work this week on the construction of a crafts building at the company's Burbank studio. It will be a two-story structure, 430x310 feet in area, of steel frame construction, steel sash, sawtooth type roof construction, concrete bulkheads and floors, sprinkler system, etc. CMost, $250,000. Work is being handled by the owner's department of permanent construction.

BIDS WANTED

SAN FRANCISCO.—Until August 9, 3 P. M., bids will be received by the U. S. Engineer Office, 401 Custom House, San Francisco, for drydocking, painting and repairing the U. S. Seagoing Hopper Dredge "A. Mackenzie."

Plans and specifications obtainable from the above office.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Cal.—Trojan Steel Co., at $1531.69 net, awarded contract by the Los Angeles County Supervisors July 25 for furnishing approximately 153,800 lbs. reinforcing steel for use in the construction of a concrete-lined channel on Verdugo Wash, from debris dam 1700 ft. south. The bids were opened July 8.

CONTRACT AWARDED

LOS ANGELES, Cal.—Security Materials Co., at $28,150.70, net, awarded contract by the County Supervisors July 25, for furnishing approximately 957,500 lbs. reinforcing steel for use in connection with the construction of a concrete conduit on Verdugo Wash from Del Valle Ave. to the existing conduit above Mountain St.

CONTRACTS AWARDED

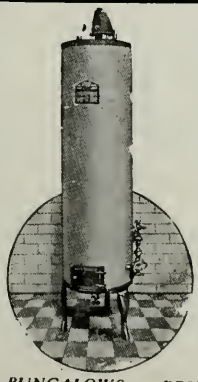
SAN FRANCISCO.—Contracts for furnishing lumber for the School Department under B'd No. 1411, have been awarded by T. A. Brooks, Purchaser of Supplies, City Hall, as follows:
(1a) Softwood: Smith Lumber Co., $1-460.66.
(1b) Hardwood: Roth Maier Lumber Co., $1,176.
(2) Special Classes: Forsythe Hardwood Co.: 36 schools, $384; Aptos Junior High, $19.80; Galileo High School, $15.80.
(3) Special Classes: Roth Maier Lbr. Co.: Mission High, $49.
Complete bids published July 17.

CONTRACT AWARDED

MODESTO, Stanislaus Co., Calif.—J. H. Baxter & Co., 333 Montgomery St., at $461.40 awarded contract by the Modesto Irrigation Dist. for furnishing 24 Class 4 45-ft. Red Cedar Poles, and 6 Class 4 50-ft. do, butt-treated, ⅜ penetration, ASA specifications.

The other bids were:

Graybar Electric Co.	$454.20
G-E Supply Co.	461.40
H. W. Baxter & Co.	492.42



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

Section 436½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

7-Month Coast Permits Pass 1934 Total

$450,000 Monterey Courthouse Approved

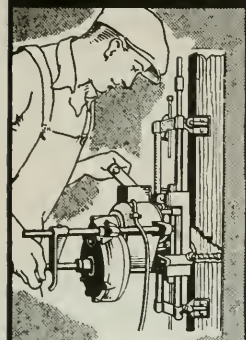
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

UST 10, 1935

Vol. XVIII—No. 32

WAPPAT Electric TOOLS



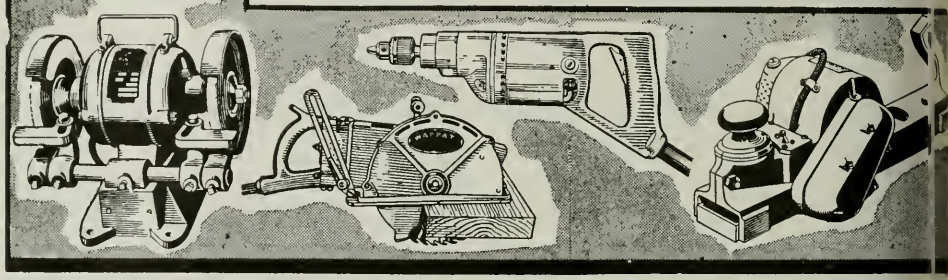
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angele

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

'ol. XVIII SAN FRANCISCO, CALIF., AUGUST 10, 1935 No. 32

7-Month Coast Building Contracts Lead 1934 Year-Total Nearly $5,000,000

Building permits issued in seven western states during the first seven months of 1935 have topped the entire twelve-month total of 1934 by nearly five million dollars. Figures from 95 principal building inspection departments, city and county, compiled by DAILY PACIFIC BUILDER, show to the end of July a permit value of $73,156,000, which compares with a 1934 year-total from a like number of reporting communitiea of $68,547,000.

Volume of building throughout the western territory continued at the average level of the previous four months and the value of permits was more than double that of last July.

The month's total was $11,223,071, according to a tabulation of reports nearly complete for those departments regularly included in the BUILDER table. This was about $825,000 over the June total. The number of permits issued in July was 8248 compared with 7998 in June.

Residential work continues to account largely for the gain in building in the west as it does elsewhere. The general trend toward new residential building is noted in a recent survey of the industry by Dun & Bradstreet which is quoted:

"Of the three major divisions of the construction industry, public works, residential building, and commercial construction, it is in the second one that noteworthy progress has been made during the past year. Although it is too early to determine whether the present upturn will hold, it already has gained sufficient headway to attract the attention of banks and other institutions that are underwriting mortgage loans, realizing the possibilities inherent in the F.H.A.'s mortgage insurance program.

"With the surplus of city homes decreasing from month to month, while the desire for better living conditions is growing with the general expansion of business, new residential building during the first six months of the current year ranged from 50 to 200 per cent in excess of that for the comparative period of 1934. These percentages of increase ran even to higher figures, when inclusion was made of the mounting volume of repair work and the expenditures for long-needed rehabilitation.

"Based on the progress thus far recorded, conservative estimates point to a net appreciation of fully 75 per cent in residential construction for 1935, when compared with the total for 1934, as the demand for homes is becoming stronger, augmented by the increasing rate of marriages and the abatement in the 'doubling-up' of families. Nearly 50 per cent of all the building in this division now is being carried on under contract."

BUILDING PERMIT MONTHLY TOTALS

Building permit totala reported by inspection departmenta of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	6,203,830
July	5523	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858
1935	**Permita**	**Value**
January	6413	$7,429,496
February	6460	8,833,638
March	8253	10,546,030
April	9227	13,128,042
May	8976	11,602,953
June	7998	10,393,190
July	8248	11,223,071

COUNCIL ORDERS STRIKE BALLOT BY CARPENTERS

Walkout August 31 Threatened Unless Wage Dispute Is Arbitrated

Bay Counties District Council of Carpenters yesterday announced local unions are prepared to strike August 31 unless a demand for a wage of $1.15 an hour and a seven-hour day is met by general contractors or the dispute is settled through arbitration. A resolution adopting the new wage and hour schedule is being submitted to 22 affiliated local unions in San Francisco, Alameda, San Mateo and Marin counties for confirmation by secret ballot.

D. H. Ryan, secretary of the council, stated he had been notified Walter G. Mathewson, conciliator for the U. S. Department of Labor, has been directed to attempt a settlement and the carpenters have offered to meet with him. Spokesmen for the employers said last night they had not been advised of the government's intervention.

The council's threat of a walkout is a reply to the agreement announced ten days ago by general building contractors of San Francisco through the Central California Chapter, Associated General Contractors. The group approved a resolution to pay carpenters $1 an hour for an eight-hour day in place of the $7.20 scale which has been generally recognized on private work for two years.

Following is the text of the resolution adopted at a meeting of the council held Wednesday night:

"On and after August 31, 1935, our wage scale and hours shall be $1.15 per hour, seven hours per day, five days per week on all work undertaken or contracted for after that date, effective throughout the jurisdiction of the Bay Counties District Council of Carpenters, comprising San Francisco, Alameda, San Mateo and Marin counties.

"It is stipulated, that in the event our offer of arbitration made last May is accepted or a satisfactory settlement agreed to by the contractors before August 31, 1935, this Resolution will be considered nullified."

ROEBLING LAYS FIRST CABLE ACROSS GATE

Twenty-five Lines To Be Swung Between 746-ft Towers

With the first "skyline' cable of the 42-foot center span of the Golden Gate Bridge successfully placed in position and swinging across the harbor entrance from the top of the 746-foot towers, preparations are under way to rush erection of the remaining 24 cables that will support the cat walks.

It is anticipated that this work will be completed some time during the middle of August.

The first cable was laid across the Golden Gate Friday morning, by the Harbor Tug and Barge Company under the direction of Robt. Cole, engineer in charge of construction for the John A. Roeblings Sons Company, cable contractors.

Meanwhile radio phones have been installed on the two pier tops to be utilized during the erection of the catwalks and cable spinning operations. These phones were utilized for the first time during the laying of the first pilot cable.

During the past week all of the 25 cat walk cables were suspended from the south tower top to the anchorage eyebars. This work was completed on the Marin side the previous week.

The exact length of the cat walk cables of the main span is 4,274 feet and each cable weighs approximately 12 tons. Two 200 horsepower engines have been installed to hoist the cables to the tower tops.

As the erection of the cat walks proceeds, drawing of cable wire in the eastern plant of the John A. Roeblings Sons Company is nearing completion. To date 18,240 tons of wire have been completed and accepted. This is 85 per cent of the total order. More than 6,548 tons of cable wire have been shipped to the bridge site.

The north abutment of the Marin approach span is complete with the exception of tow more pours of concrete, which will be made early this week and excavations for the pier footings of the span are being made. On the San Francisco side work is continuing on the east approach road and the removal of government buildings to clear the right of way.

In the eastern mills and shops 11,925 tons of rolled material for the stiffening trusses and floor system of the main span has been delivered and is in proces of fabrication.

During the past week 375 men were employed at the bridge site.

FAIRFAX ENGINEER

Carl Clow has been appointed city engineer of Fairfax, it was announced at the city council's regular meeting last week.

Reardon Praises Bridge Tower Safety Record

Erection of the Marin and San Francisco towers of the Golden Gate bridge without loss of life represents one of the world's best records of accident prevention. T. A. Reardon, director of the State Department of Industrial Relations, asserts in his monthly report to the governor. The towers were constructed by McClintic-Marshall Corporation.

"Everyone identified with this construction work should be proud of the record in accident prevention that has been made, and it is hoped this record may be continued throughout the balance of the project," states Mr. Reardon.

The two towers are 746 feet high and each contains 20,000 tons of steel. During the erection of the steel the barges carrying the steel to the towers rose and fell as much as 20 feet with the waves, creating an additional unusual hazard Mr. Reardon points out.

Cases of red lead poisoning among riveters which were reported when steel was started on the Marin tower did not result seriously and through cooperation of the Industrial Accident Commission and the contractors the trouble was practically eliminated before the south tower was started by changing the paint used at the splices.

Another exceptional condition was encountered as the towers neared maximum height when workers frequently were above the fog bank and cases of eye trouble comparable to snow blindness resulted from the reflection of the sun on the fog.

Bureau Opening Bids August 27 For L. A. Grading

Bids for grading about 4.1 miles of forest highway in Los Angeles County are scheduled for opening August 27 in San Francisco by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads.

Under the contract now out for bids Sections A and B of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, are to be graded.

Work will include, among others, major items of approximately 54 acres clearing; 644,000 cubic yards of unclassified excavation; 744,000 station yards overhaul; 4,036 feet of corrugated metal pipe, and finishing 4.1 miles of earth graded road.

Plans and specifications are available at the Bureau of Public Roads office, 807 Sheldon Building, San Francisco.

REMOVING ROCK TUNNEL CORE ON YERBA BUEN

Final Excavation Started Mammoth Bore For Bay Crossing

The removal of the central co of solid rock of the Yerba Bue vehicular tunnel has been start at the east portal, according to t weekly progress report on t San Francisco-Oakland Bay Brid by Chief Engineer C. H. Purcell.

Within the next few month when this last block of rock h been finally cut away, the full mensions of this world's large bore tunnel will be clear.

San Francisco

Roadway paving has been plac on the main approach spans we of Fourth Street.

Placing of the fill at the Fil Street Plaza, and the lowering Harrison Street has been cont ued by Healy-Tibbitts Constructi Company.

Work has continued on the "o ramp with the placing of roadw paving on the viaduct structu and the construction of forms f the viaduct.

West Bay Superstructure

The placing of the catwalk rop between the concrete center a chorage and Yerba Buena Isla has been completed by Columb Steel Company.

On the west suspension brid the third set-up of four strands fifty per cent completed in t south cable. The second set t four strands has been completed the north cable.

Yerba Buena Island

Four additional steel arch r supports were placed in Yerba B ena Island tunnel, making a tot of 138 to date, or 77 per cent the total.

Thirty-nine feet of the roof se tion were concreted last week Clinton Construction Co., makl a total of 235 feet, or 44 per ce of the total.

The excavation of the tunnel co has been started at the east p tal.

East Bay Superstructure

The second 55-foot panel of t west cantilever arm is being ere ed by Columbia Steel Company.

Paving operations have cont ued on the East Bay superstru ture.

Distribution Structure

Excavation for and placing footings and columns have be continued by Barrett & Hilp, co tractors building the East Bay D tribution Structure in Emeryvil

Berkeley

J. F. Knapp, contractor, has co tinued excavation for the Folg Avenue subway, Berkeley, and h begun the placing of foundati slabs for this subway.

OURT RULES ON WAGE TO SHOVEL MEN

dge Holds $10 Rate Applies In Interpreting City Pay Ordinance

Petition of Clarence B. Eaton, ntractor, to compel payment of 7.50 withheld by Controller omard Leavy on Section C of the teenth Street sewer project has en denied in a decision by Su- rior Judge I. L. Harris which up- lds the city's contention that the e of $10 a day applies to both ovel engineers and clamshell op- tors employed on projects other an street work.

The decision is a ruling on a dis- ed point in the city's prevailing ge ordinance under which a ge of $7.75 is fixed for clamshell erators engaged in street work d $10 is the rate fixed for shovel gineers engaged in excavating. t no provision is made for shovel gineers employed on street work r for clamshell operators employ- d in excavating.

Judge Harris said:

"It is argued by the petitioner (aton) that if the city attorney s correct in his contention that th clamshell operators were not gaged in street work, then it ould follow that the plaintiffs uld have paid the clamshell op- tors any wage which they saw fit without violating the contract. The same logic may be applied to th argument of the petitioner. He aims that the work done in this se was street work, and there is n provision for shovel engineers nder the heading of street work. Therefore, petitioners could have id the shovel engineers any wage tly pleased, without violating the ontract. But petitioners paid the ovel engineers $10 a day, or the ge which is provided for shovel gineers for working in excava- ns. This amounts to a tacit rec- nition of the fact that the shovel gineers were working in excava- n and not in street work, strict- so-called.

"The petition in this case alleges t the contract was entered into tween the plaintiffs and the ir ctor of public works for the con- uction of the Fifteenth Street wer, Section C; that the work nsisted of the constructing of a nforced concrete sewer in and low the surface of certain eets; cutting and removing pave- nts from the surface to permit e digging of a trench in the eet wherein to lay the sewer; e trench was 23 feet in width by 1 feet in depth; in removing cer- in car tracks of the Municipal ilway and in repaving the street er the said sewer and replacing e railway tracks. The street rk in this case was clearly iden- al to the sewer work which con- sted of the excavating. The sewer was not the ordinary trench for the carrying off of storm waters from the highway, and such like, so that it could be considered a part of street work.

"My conclusion is that the work in this case was excavating and not street work and that the clam- shell operators are entitled to $10 per day, the same as the shovel engineers."

20% CONTRIBUTION REQUIRED BY WPA

Regulations requiring 20 per cent average participation by sponsors in the cost of projects under the new federal works program will apply to all sponsoring branches of government without exception, according to Frank Y. McLaughlin, works progress administrator for California. Mr. McLaughlin said sponsors may list equipment, materials and supervision as contributions, an average of 20 per cent contribution by a single sponsor of a number of projects by a group of sponsors desiring to pool their projects will be acceptable.

"But in order to provide employment for all entitled to it under the program and at wages specified, it will be necessary for sponsoring agencies to contribute at least 20 percent of the cost," he said.

Steel Institute Opens Depository For Trade Bids

Opening of a bid depository for the structural steel and iron fabricating industry has been approved by the board of directors of the American Institute of Steel Construction.

The depository was recommended by a special committee as a means of providing additional statistics on contracts closed, production, shipments, tonnage erected and for study of costs.

The director of statistics will conduct the depository in compliance with the following rules:

(1) Each bidder shall mail or deliver a copy of each bid for the sale of structural steel or erection work aggregating 50 tons or more.

(2) The statement shall be in a sealed envelope bearing an identification of the job and the name of the owner or contractor to whom the bid is submitted.

(3) No information as to tonnage involved or the price bid is to appear on the outside of the envelope.

(4) The duplicate bids are to be opened only after the director has received notice of an award in writing from the successful bidder.

(5) Copies of the tabulation of bids entered will then be prepared and forwarded to each bidder.

STATE BONDS ENDORSED BY A.G.C. CHAPTER

Building Contractors Will Work To Win Approval Of $13,950,000 Issue

Endorsement of the $13,950,000 issue of state bonds for institutional building, which will be submitted at a special election next Tuesday, was voted yesterday by Central California Chapter, Associated General Contractors. The chapter members will conduct a special campaign for votes for the issue.

Following is the text of the endorsing resolution:

WHEREAS certain members and non-members of the Central California Chapter of Associated General Contractors of America in general meeting assembled this 8th day of August, 1935, have considered the special bond election to be held August 13, 1935, to authorize the sale of $13,950,000 State bonds for major construction and improvements to various State buildings, etc., and

WHEREAS investigation by the Central California Chapter of Associated General Contractors has shown that there is a very definite need for the proposed construction and improvements and that public institutions are grossly over-crowded, and

WHEREAS such construction will give productive employment to the thousands of mechanics who will be engaged on the work both on the buildings and in the shop and

WHEREAS taxpayers in general will be benefited by this construction and needed improvements which will be provided, therefore

BE IT RESOLVED, That the general building contractors of San Francisco as represented by this meeting of members and non-members of Central California Chapter of Associated General Contractors hereby endorse this election and urge all contractors, sub-contractors, manufacturers and material dealers to give this a favorable vote.

FURTHER RESOLVED, That taxpayers be contacted and urged to give their favorable vote at the forthcoming election.

STATE GETS $246,000 FOR BUSINESS CENSUS

California has been allotted $246,839 from the $7,784,000 fund recently approved for a census of business enterprise to be conducted by the Bureau of the Census of the U. S. Department of Commerce, according to the Division of Applications and Information.

$10,000,000 SPENT BY EASTBAY SERA

A total of $10,011,666 has been expended by the State Emergency Relief Administration for Alameda County projects since the inception of SERA in May 1934, according to Director Chas. F. B. Roeth. Some 1700 projects have received appropriations from the fund.

BIDS MONDAY ON $6,000,000 L. A. RESERVOIR

Water District To Open Proposals On Major Contract In Aqueduct

One of the largest engineering construction contracts to be let in the west this year will be the Cajalco Reservoir, terminal structure of the Colorado River Aqueduct, for which bids are being opened by the Los Angeles Metropolitan Water District next Monday. The reservoir will cost more than $6,000,000, according to engineering estimates.

Storage capacity will be approximately 100,000 acre feet. The site is about ten miles southwesterly from the city of Riverside and due east of Corona.

The main structure is to be an earthfill dam 194 feet in height and there is also to be constructed an auxiliary earthfill 72 feet in height. The main dam will be 2584 feet long at the crest and the dike fill will be 7574 feet in length. The fill to be placed in both structures exceeds 7,5000,000 cubic yards.

The contract includes also construction of a 2000-foot diversion tunnel, concrete lined to 9-ft. diameter and outlet tunnel 2565 feet long and 14-foot diameter. The latter will be steel cylinder lined with concrete backing and gunite facing.

Bids will be received on five schedules as follows:

(1) Construction of Diversion Tunnel and appurtenant works;
(2) Construction of Outlet Tunnel and appurtenant works;
(3) Construction of Dam and Spillway and appurtenant works;
(4) Construction of Dike and appurtenant works;
(5) Construction of Outlet Tower, Approach Channel and Bridge Supports.

Bid security in the form of a certified check for $300,000 is required.

$125,000 Oakland School Rebuilding Bids Open Aug. 27

Oakland Board of Education will receive bids August 27 for the reconstruction of Roosevelt School, located at East Nineteenth Street and Nineteenth Avenue. Preliminary estimates place the cost of the work at $125,000.

The school is one of those which is being strengthened to conform to provisions of the state earthquake safety act. The work is financed partially by a grant of P W A funds.

Plans for this and other buildings being rehabilitated were prepared by the school department of architecture and engineering supervised by Architect W. G. Corlett

GRIFFITH LOW ON L. A. PAVING

LOS ANGELES, Aug. 8—Low bids received by State Division of Highways here today for two Southern California contracts were submitted by Griffith Co., Los Angeles, at $39,913 for paving about 1.4 miles on Sunset boulevard in Los Angeles and by Matich Bros., Elsinore, at $15,993 for applying seal coat to shoulders on 66.7 miles in Riverside County. Second low bid on the paving work was offered by George Curtis Co., at $44,343, and second low on the oiling contract was C. O. Sparks, Los Angeles, at $16,135.

FHA BUSINESS OVER $53,000,000 LAST MONTH

Insured Loans To Modernize And For New Building Set Record

A steady increase in insured modernization credit and mortgages selected for appraisal has brought a record month for the Federal Housing Administration.

The volume of business done during July totaled $53,797,335 which is an increase of approximately 250 per cent over March, and the largest single month since the inauguration of the program. Insured modernization credit issued during the month amounted to $21,084,556. Mortgages selected for appraisal with fees paid during the month amounted to $32,712,769.

The week ending July 27 also reached a new peak, with $4,816,126 in modernization and repair notes being insured and $9,030,170 in mortgages selected for appraisal the total business for the week being $13,846,296.

Up to August 1, 288,149 modernization and repair notes had been insured since the start of the program in August, 1934, representing a total amount of $113,071,642. There had been 31,021 mortgages selected for appraisal for a total of $122,518,711.

At present 41 per cent of all mortgages accepted for insurance under Title II covers the construction of new homes.

APPROVE $4,500,000 NEW MEXICO PROJECT

Allotment of $4,500,000 for construction of Conchas dam on the South Canadian River in San Miguel County, New Mexico, has been approved by President Roosevelt, the Division of Applications and Information reports.

The dam will be constructed by the Corps of Engineers of the War Department on right-of-way obtained by the State of New Mexico, and upon completion, turned over to the State for maintenance and operation.

CONTRACTORS CITY LICENSE ACT ADOPTE

Ordinance Sets $10 Ann Registration Fee In S. F.

Registration and licensing of c tractors in San Francisco will co mence as soon as Mayor Rossi proves an ordinance finally pass by the Board of Supervisors their meeting Monday. The lice ing act is one sponsored by lo contractor associations.

The annual registration fee w be $10. Certificates of regisrati will be issued by the Bureau Licenses and a register of all c tractors will be maintained by t bureau.

After the ordinance becomes fective the Central Permit Bure will deny building permits to a contractor who has not obtained license and any bidder on muni pal work who does not possess city registration certificate will disqualified.

The new act supersedes the s tion of the city's business licens ordinance applying to contracto the legality of which has be questioned. Its passage was r ommended by the Associated G eral Contractors and the San Fr cisco Builders' Exchange.

$6,000,000 Fund To Continue Work At Ft. Peck Da

Allotment of $6,000,000 has b approved by the President for c tinued work on the Fort Peck D and reservoir in Montana.

The sum represents the diff ence between the amount requ ed by the War Department, $ 000,000 for carrying on the wo and the amount which the En neers received from the Fede Emergency Relief Administrati $15,000,000. Gen. G. B. Pillsbu acting Chief of Engineers, has plained that the progress of work must be continued in or to avoid a considerable additio cost to the Government. The d is of the earth-fill type and the sure must be made at a period low water, or postponed for ano er year. Present plans call for c pleting the closure just after high water of June, 1937, and order to accomplish this, the di sion tunnels must be completed that time. Otherwise, a year's lay will be caused.

With the additional allotm bids for completion of the tun linings and control shafts can advertised at once, and all pa of the work proceed more econ lcally and efficiently. Plans h been completed and specificat are now in course of preparati

Col. Hackett Promises Speedy Action On Applications To PWA for Federal Funds

Urging California municipalities and other agencies desiring PWA funds for construction projects to submit their applications as rapidly as possible, Col. Horatio B. Hackett, Assistant PWA Administrator, yesterday gave assurance that all feasible projects will be rushed through both the state and Washington offices and placed before the Works Allotment Board.

Colonel Hackett, together with directors of several PWA divisions, arrived in San Francisco Monday afternoon to confer with Acting State Director A. D. Wilder and Chief Engineer Examiner Clifton S. Hickock with the express aim of speeding applications for funds in order that the new program may get under way immediately.

Emphasizing the need for rushing the preliminary work of applications, Col. Hackett pointed out that there are some sixty agencies other than the Public Works Administration which are receiving allotments from the $4,800,000,000 work-relief fund appropriated by Congress. As the principal aim of the administration is to put men to work as quickly as possible agencies placing their projects before the Allotment Board immediately stand the best chance of receiving funds.

The PWA favors projects where local financing for the 55 percent of the cost not provided for by the Federal grant is available, Col. Hackett said. Projects which can be completed within one year are in the best position for receiving Federal aid, as the work-relief appropriation provides only for putting men to work during the coming year. Contrary to the general impression, most projects for which applications have been received can be completed readily within this time, he added.

Questioned concerning the possibility of San Francisco obtaining Federal aid for the $52,700,000 subway system, Col. Hackett stated that as it was estimated the project would require three years for completion it would be necessary for the city to apply only for funds for one year's work.

The city's application for a grant to aid in financing the $3,000,000 Yerba Buena Shoals reclamation project has been forwarded by the State PWA office to Washington and is in an excellent position to receive funds, he said.

At an informal conference Monday night Mayor Rossi and other city officials urged relaxation of the one-year stipulation in order that the subway project might be considered as a whole.

California's PWA program is in better shape than at the start of the last program, it was pointed out. Applications have been received thus far for 116 projects to cost approximately $95,000,000, while the previous program included 188 projects with a total cost of about $93,000,000, indicating the prevalence of larger projects in the new listing.

MONTEREY VOTES FOR COURT HOUSE

Monterey county precincts voted three to one in favor of a $248,000 bond issue to finance a new court house in Salinas at a special election Monday. The county supervisors will apply to PWA for a grant of 45 per cent of the estimated $450,000 cost of the building. A site on county-owned property has been selected.

The court house will replace one erected in 1877.

Preliminary plans have been prepared by Architects Charles Butner and Robert Stanton.

Colonel Hackett reported that the field survey of PWA State offices had revealed an accelerating volume of applications from communities willing to bear their share of the expense in securing national re-employment through construction of worth-while public works

He said:

"State offices so far visited disclosed qualified applications being received in such numbers from towns, cities and other local Government units that it will be impossible to act upon applications which are not filed, in proper form, within a short time. PWA applications must be filed quickly and correctly according to the regulations which may be obtained from the State PWA Director. The PWA staff will do its part in aiding any community which wishes to apply for a qualified project, but the liberal terms now being offered will not stand indefinitely. The available funds will be exhausted."

Accompanying Col. Hackett were Directors Edward H. Foley, Jr., of the legal division, Philip M. Benton of the finance division, Clarence McDonough of the engineering division, Michael W. Strauss of public relations, and Secretary Jos. K. Vinson.

HYATT NAMED TO WATER COMMITTEE

State Engineer Edward Hyatt, who has prepared the Central Valleys Water Project, has been appointed to the newly formed Water Resources Committee, according to Secretary Harold L. Ickes. The committee includes representatives from government agencies dealing with water problems and four other experts in the field.

LUMBER MILLS PRODUCING AT NORMAL RATE

Sharp Gain in Output During Last Week Reported In Northwest

Northwest lumber production returned to normal in the week ending July 27 for the first time since labor closed the mills in May, according to the weekly report of the West Coast Lumbermen's Association. A total of 211 down and operating mills in Oregon and Washington produced 73,385,184 board feet of lumber. This was approximately 13,500,000 feet over the preceding week.

Thirteen mills went into production during the period. The averaged weekly production of this group of sawmills in 1935 has been 65,988,445 feet; during the same period in 1934 their weekly average was 65,611,630 feet.

The new business reported last week by 211 mills was 99,419,018 board feet against a production of 73,385,184 feet, and shipments of 71,079,910 feet. Their shipments were under production by 3.14 per cent and their current sales were over production by 35.48 per cent. Orders booked last week by this group of identical mills were over the total in the preceding week by about 36,000,000 feet, or approximately 56.7 per cent.

The association bulletin states:

The heavy increase in orders reported to the association appears to have been placements by wholesalers and other agencies of lumber bought by consumers during the strike. Mostly, this does not represent new building although a considerable volume of lumber was purchased in the last two weeks in order to load and release intercoastal steamers caught here by the strike. The business reported is almost entirely in the domestic cargo and export markets both of which are extremely quiet at the present time. Most of the mills going into production are along the waterfront and each needs a certain amount of water trade orders to assure running for at least 30 days. This need was forseen by the usual suppliers of this kind of business, the orders accumulated and these are now being booked as mills start.

REDDING CONSIDERS CIVIC BUILDING

T. L. Stanley, pesident of the Redding chamber of commerce, has appointed a committee to report on plans for a civic center building program to include a municipal auditorium, veterans' memorial hall and fire station. The committee is directed to investigate PWA terms for loan and grant of Federal funds toward the project.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
763	Loorz	Stolte	4500
764	Standard	Owner	3000
765	Standard	Owner	3000
766	San Francisco	Cahill	5000
767	Link	Austin	17900
768	United	Owner	2000
769	Fisher	Fisher	1000
770	General	Owner	2000
771	General	Owner	2500
772	General	Owner	4500
773	Powers	Owner	1000
774	Bernhadt	Owner	3500
775	Gilmore	Huggard	4000
776	Eckles	Oshanna	2600
777	Loon	Owner	2700
778	Marcus	Wilhelm	7500
779	Isaac	Owner	3500
780	Isaac	Owner	3500
781	Cuneo	Owner	2000
782	Jacobson	Jones	6800
783	Swift	Owner	7000
784	Palace	Meinberger	5000
785	Sbarboro	Owner	8000
786	Sbarboro	Owner	8000
787	Sbarboro	Owner	8000
788	Meyer	Wagner	1000
789	Allen	Owner	3000
790	Pond	Owner	15000
791	Christensen	Owner	4000
792	Baker	Thulin	1000
793	Erickson	Erickson	3000
794	Haviside	Fink	4950

ALTERATIONS
(763) NO. 1344 BALBOA ST. Alter apartments.
Owner—C. W. Loorz, Premises.
Architect—Not Given.
Contractor—F. C. Stolte Co., 3455 Laguna St., Oakland. $4500

DWELLING
(764) N KIRKHAM ST. 57 E 34th Ave. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(765) N KIRKHAM ST. 82 E 34th Ave. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(766) 625 THIRD ST. Alter warehouse.
Owner—S. F. Warehouse Co., Prem.
Architect—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $5000

ALTERATIONS
(767) NO. 400 PAUL ST. Alter factory.
Owner—Link-Belt Co., Premises.
Architect—Not Given.
Contractor—The Austin Co., 516 18th St., Oakland. $17,900

ALTERATIONS
(768) NE SIXTH ST. and Townsend; alter warehouse.
Owner—United Grocers, Inc., 200 Mission Street.
Architect—Noble and Archie Newsom, Russ Bldg. $2,000

ALTERATIONS
(769) SE GEARY and Steiner, alter service station.
Owner—M. Fisher, 1255 Polk Street.
Plans by Michel & Pfeffer, % owner.
Contractor—M. Fisher and Son, 1255 Polk St. $1,000

LUBRICATING BLDG.
(770) NW CALIFORNIA and Divisadero; lubricatnig building.
Owner — General Petroleum Corp. of California, Higgins Bldg., Los Angeles.
Architect—Not Given. $2,000

SERVICE STATION
(771) NE CALIFORNIA and Divisadero; Class C service station.
Owner — General Petroleum Corp. of California, Higgins Bldg., Los Angeles.
Architect—Not Given. $2,500

SERVICE STATION
(772) ELLINGTON, MISSION AND Farragut; Class C service station.
Owner — General Petroleum Corp. of California, Higgins Bldg., Los Angeles.
Architect—Not Given. $4,500

SERVICE STATION
(773) NE JERSEY and Church Sts.; Class C service station.
Owner—Chas. Powers, 3879 26th St.
Architect—Not Given. $1,000

DWELLING
(774) W TWENTIETH AVE. 325 N Santiago St. One-story and basement frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval St., San Francisco.
Architect—C. O. Clausen, 746 46th Ave., San Francisco. $3500

SUPPLY BLDG.
(775) SW WEST PORTAL AND 14th Ave. One-story frame auto supply building.
Owner—Gilmore Oil Co., Third and 18th Sts., San Francisco.
Plans by Michael & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
Contractor — John W. Huggard, 915 Rialto Bldg., S. F. $4000

ALTERATIONS
(776) NO. 26 CALIFORNIA ST. Alter restaurant.
Owner—Lee Eckles, 22 California St., San Francisco.
Architect—Not Given.
Contractor—John Oshanna, 231 Stevens St., San Francisco. $2600

DWELLING
(777) S JERSEY ST. 148 E Sanchez St. One-story and basement frame dwelling.
Owner—John and Ida Loon, 182 28th St., San Francisco.
Architect—Not Given. $2700

ALTERATIONS
(778) NO. 1040 LOMBARD STREET. Alter dwelling.
Owner—H. C. Marcus, Premises.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—A. H. Wilhelm, 666 Mission St., San Francisco. $7500

DWELLING
(779) W TWENTY-NINTH AVE. 50 S Cabrillo St. Two-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, Flatiron Bldg., San Francisco. $3500

DWELLING
(780) W TWENTY-NINTH AVE. 7[illegible] S Cabrillo St. Two-story and basement frame dwelling.
Owner — H. H. Isaac, 517 Belvedere St., San Francisco.
Architect—S. A. Colton, Flatiron Bldg., San Francisco. $3500

DWELLING
(781) E FORTY-SEVENTH AVE. 5[illegible] S Sutro Heights. Two-story frame dwelling.
Owner—E. Cuneo, 1821 Grant Avenue, San Francisco.
Architect — L. Mastropasqua, % owner. $2000

FLATS
(782) E WEST PORTAL 225 S 14th Ave. Two-story frame flats.
Owner—C. J. Jacobson, 212 Gates St., San Francisco.
Architect—Not Given.
Contractor—Thos. M. Jones, 643 29th Ave., San Francisco. $6800

ALTERATIONS
(783) W TENTH ST. 55 N Jessie. Alter Class C building.
Owner—E. D. Swift, 65 10th Street, San Francisco.
Architect—Not Given. $7000

ALTERATIONS
(784) SE MARKET AND ANNIE Sts. Alter hotel and stores.
Owner—Palace Hotel Co., Premises.
Architect—Bliss & Fairweather, 1001 Balboa St., San Francisco.
Contractor — H. S. Meinberger, 95[illegible] Folsom St., San Francisco. $5000

FLATS
(785) S CLAY ST. 137 E Buchanan St. Three-story and basement frame flats.
Owner — Sbarboro & Jorgensen, 2222 North Point St., San Francisco.
Architect—Not Given. $8000

FLATS
(786) S CLAY ST. 163 E Buchanan St. Three-story and basement frame flats.
Owner — Sbarboro & Jorgensen, 2222 North Point St., San Francisco.
Architect—Not Given. $8000

FLATS
(787) S CLAY ST. 189 E Buchanan St. Three-story and basement frame flats.
Owner — Sbarboro & Jorgensen, 2222 North Point St., San Francisco.
Architect—Not Given. $8000

ALTERATIONS
(788) SE FIFTH AND SHIPLEY Sts. Alter factory.
Owner—Fred Meyer, 525 Market St., San Francisco.
Architect—Owner.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $1000

DWELLING
(789) NW CAMBRIDGE & SILLIman Sts. One-story and basement frame dwelling.
Owner — Ethan S. Allen, 310 Cambridge St., San Francisco.
Architect—Not Given. $3000

ALTERATION
(790) NO. 576 MISSION ST. Alter loft building.
Owner—Samuel Pond, American Trust Co. Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco. $15,000

DWELLING
(791) E SEVENTEENTH AVE. 150 S Vincente St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—C. O. Clausen, 746 46th Ave., San Francisco. $4000

ALTERATIONS
(792) NO. 62 JORDAN AVE. Alter dwelling.
Owner—Mrs. F. J. Baker, % Architect
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—A. L. Thulin, 63 Brady St., San Francisco. $1000

DWELLING
(793) W NEBRASKA ST. 130 N Cortland Ave. One-story frame dwelling.
Owner—Frances Erickson, % Contractor.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St., San Francisco. $3000

ALTERATIONS
(794) NE POWELL & O'FARRELL Sts. Alter restaurant.
Owner—J. J. Haviside, Olympic Club.
Architect—Not Given.
Contractor—The Fink & Schindler Co. 552 Brannan St. $4950

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
546	Scammell	Owner	5250
547	Leekins	Leekins	4000
548	American	Schnoor	4000
549	Wallin	Owner	4650
550	Roeber	Owner	4200
551	McGrath	Melrose	1750
552	Goddard	Bradhoff	1800
553	Berkeley	Netherby	4000
554	Woodman	Whalin	1000
555	Richards	Monez	5500
556	Waldman	Owner	4000
557	Jacobs	Short	2800
558	Beckell	Beckell	5000

DWELLING
(546) NO. 28 ELSTON COURT, **OAKLAND.** One-story 6-room dwlg.
Owner—J. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5250

DWELLING
(547) NO. 3244 FLORIDA ST., **OAKLAND.** Two-story 6-room dwlg.
Owner—A. B. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland. $4000

OFFICE
(548) 740 ASHBY AVE., **BERKELEY;** 1-story 5-room frame office bldg.
Owner—American Forge Co., Fourth and Ashby, Berkeley.
Engineer—K. Theill, 860 Market St., San Francisco.
Contractor—Schnoor Bros., 6016 Claremont Ave., Berkeley. $4,000

DWELLING
(549) 2947 75th AVE., **OAKLAND;** one-story 6-room dwelling.
Owner & Builder—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given. $4650

DWELLING
(550) 7826 HILSIDE ST., **OAKLAND;** one-story 6-room dwelling.
Owner and Contractor—R. A. Roeber 7818 Hillside St., Oakland.
Architect—Not Given. $4200

ADDITIONS
(551) N. 915 SPRUCE ST., **BERKELEY.** Additions.
Owner—Stella McGrath, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1709 47th Ave., Oakland. $1750

ALTERATIONS
(552) NO. 1152 AMADOR AVENUE, **BERKELEY.** Alterations.
Owner—A. H. Goddard, 1153 Amador Ave., Berkeley.
Architect—Not Given.
Contractor—O. C. Bradhoff, 911 55th St., Oakland. $1800

DWELLING
(553) NO. 670 CRESTON ST., **BERKELEY.** Two-story 6-room frame dwelling.
Owner—Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor — W. A. Netherby, 3858 Lyman Road, Oakland. $4000

ALTERATIONS
(554) NO. 2606 E-SIXTIEENTH ST., **OAKLAND.** Alterations.
Owner—Mrs. Emma Woodman, Prem.
Architect—Not Given.
Contractor—Whalin Bros., 2942 23rd Ave., Oakland. $1000

DWELLING
(555) NO. 1943 CARTER STREET, **OAKLAND.** One-story six-room dwelling.
Owner—Webb Richards.
Architect—Not Given.
Contractor—A. H. Monez, 4133 Oakmore Road, Oakland. $5500

DWELLING
(556) 2957 SIXTY - SECOND AVE., **OAKLAND.** One-story five-room dwelling.
Owner—A. E. Waldman, 3174 McKillop Road, Oakland.
Architect—Not Given. $4000

DWELLING
(557) NO. 60 ALAMO ST., **BERKELEY;** One-story four-room frame dwelling and garage.
Owner—Mrs. S. H. Jacobs, 815 Coventry Road, Berkeley.
Architect—Not Given.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley. $2800

DWELLING
(558) NO. 680 THE ALAMEDA, **BERKELEY.** Two-story six-room frame dwelling.
Owner — A. T. Beckett, 224 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2401 Shattuck Ave., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $5000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
163	Pacific	Lindgren	2850
164	Molinari	Sharman	9400
165	Parodi	Huggard	3583
166	Victor	Shearer	162
167	Wright	Alta	180

ALTERATIONS
(163) 140 NEW MONTGOMERY ST.; alter cafeteria.
Owner—Pacific T. & T. Co., 444 Bush
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.
Filed, Aug. 2, 1935. Dated, . . .
Completion 75%
40 days after 25%
TOTAL COST, $2,850
Bond, $2,850. Sureties, Pacific Indemnity Co. Plans and Spec. filed.

FLATS
(164) SW CERVANTES BLVD. 93.-542 SE Prado; two-family frame flats.
Owner—P. G. Molinari, % contractor.
Architect—Not Given.
Contractor—The R. Sharman Co. 370 Broderick Street.
Filed Aug. 2, '35. Dated, July . . .
When roof is on $2,550
When 1st coat of plaster on 2,550
Completion 2,550
Usual 35 days 2,550
TOTAL COST, $9,400
Bond, $4,700. Sureties, Frank Sa[illegible] and Louis Bosalino. Limit, 90 working days. Plans and Spec. filed.

SERVICE STATION
(165) NE THIRD ST. and Revere; service station.
Owner—Philip J. and Lillie M. Parodi, 1526 Revere St.
Architect—Not Given.
Contractor—John W. Huggard, 915 Rialto Bldg.
Filed, Aug. 1, '35. Dated July 15, '35.
Completion $1,500
Completion Notice filed..... 1,000
35 days after job completed.... 500
35 days after completion filed 583
TOTAL COST, $3,583
Limit, Sept. 15, 1935. Plans and Spec. filed.

ALTERATIONS
(166) NO. 134 UPPER TERRACE. All work for interior painting and miscellaneous repairs to dwelling.
Owner—James V. Victor, Premises.
Architect—Not Given.
Contractor—Carl V. Shearer, 11 Piedmont St., San Francisco.
Filed Aug. 5, '35. Dated Mar. 20, '35.
HOLC Contract .....
TOTAL COST, $162
Bond, $162. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Specifications only filed.

RE-ROOF
(167) NO. 445 ELEVENTH AVE. All work for re-roofing dwelling.
Owner—Frances L & Walter Wright Premises.
Architect—Not Given.
Contractor—Alta Roofing Co., 976 Indiana St., San Francisco.
Filed Aug. 5, '35. Dated Oct. 23, '35.
HOLC Contract .....
TOTAL COST, $180
Bond, limit, forfeit, plans and specifications, none.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $50; 468 21st Ave.; owner, Pierre Donzelli, Premises.
SIGN, electric, $493; 1145 Market St.; owner, Star Outfitting Co., Prem. contractor, Brumfield, 965 Folsom.
ALTER roof tank, $60; NE Mason and Market Sts.; owner, Bank of America, Prem.; contractor, Nat'l. Ornamental Iron & Bronze Co., 70 Chesley St.
SIGN, electric, $175; 220 Kearny St.; owner, Sullivan Pet Shop, Prem. contractor, Novelty Eltc. Co., 66 Washburn St.
SIGN, electric, $300; 1540 Pine St.; owner, Kenneth Larkin, Premises contractor, Wonderlite, 170 Otis.
SIGN, electric, $497; SW 18th Ave. and Geary St.; owner, Romey's Market, Prem.; contractor, Brumfield, 965 Folsom St.
ALTER dwelling, $300; 18 Meda St.; owner, Mr. Woods, Premises; contractor, R. Lind, 54 Stanton St.
ALTER store, $350; 355 Sutter St.; owner, New England Mutual Life Insurance Co., Flatiron Bldg.; contractor, A. M. Hardy, 736 Clement St.
ALTER dwelling, $850; W Schwerin St. 507 S Sunnydale; owner, Geneva and Sunnydale Nurseries, 798 Geneva Ave.
SIGN, electric, $495; 1659 Haight St.; owner, Romey's Market, Prem.; contractor, Brumfield Elec. Co., 965 Folsom St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Equipment

1— APARTMENTS

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 1344 Balboa St.
Alterations to apartments.
Owner—C. W. Loorz, premises
Architect—Not Given.
Contractor—F. C. Stolte Co., 3455 Laguna Ave., Oakland.

2— BONDS

BONDS SOLD
SANTA ANA, Orange Co., Cal.—Pasadena corporation's bid for the purchase of the $85,000 Laguna Beach high school bond issue was accepted by Orange County Supervisors this week. The interest averages 3.7 per cent. A premium of $11 was paid.

4— FACTORIES & WAREHOUSES

Contract Awarded
ALTERATIONS Cost, $18,000
SAN FRANCISCO. 400 Paul Street
Alterations to factory.
Owner—Link-Belt Co., 400 Paul St.
Architect—Not Given.
Contractor—Austin Co., 516 18th St., Oakland.

Plans Completed.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. NE 6th and Townsend Streets.
Alterations to warehouse.
Owner—United Grocers, Inc., 200 Mission Street
Architect—Noble and Archie Newsom Russ Bldg.

CONTRACT AWARDED
BURBANK, Los Angeles Co., Cal.—Myers Brothers, 3407 San Fernando Road, awarded contract for erection of a new three-story and basement storage building (304x120 ft.) at the Burbank studios of Warner Brothers-First National. Will have two elevators, 175,000 square feet of maple flooring, gas heaters, etc. Over 1,000,000 feet of lumber will be used in the building. Cost, $112,500.

Structural Steel Bids Wanted.
ALTERATIONS Cotst, $18,000
SAN FRANCISCO. No. 400 Paul Ave.
Alterations to factory.
Owner—Link-Belt Co., Premises.
Architect—Not Given.
Contractor—Austin Co., 516 18th St., Oakland.

Contract Awarded
TIRE PLANT Cost, $25,000
STOCKTON, San Joaquin Co., Calif. North Eldorado Street.
One - story frame, stucco and brick tire distribution plant (94x141 ft.)
Owner—Goodyear Tire & Rubber Co. of California.
Plans by Engineering Dept. of Owner.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Being Done By Day's Work.
ALTERATIONS Cost, $3000
SAN FRANCISCO. NE Sixth and Townsend Streets.
Alterations to warehouse (work involves painting, alter office partitions, window changes, etc.)
Owner—United Grocers, Inc., 200 Mission St., San Francisco.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SE Fifth and Shipley Streets.
Alterations to factory.
Owner—Fred Meyer, 525 Market St., San Francisco.
Plans by Owner.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

Low Bidder
WAREHOUSE Cost, $225,000
LOS ANGELES, Cal. No. 1200 South Evergreen Street.
One-story reinforced concrete and steel warehouse (940x182 ft.) saw tooth roofing, steel and metal clad doors, steel rolling doors, steel sash, vault door, sprinkler system, asphalt paving, metal skylights, ventilating system, etc.
Owner—A. Zellerbach Paper Co., 220 S. Los Angeles St., Los Angeles.
Engineer—Leland S. Rosener, 233 Sansome St., San Francisco, and Ralph Beebee, 1976 San Pablo Ave., Berkeley
Low Bidder—Wm. P. Neil, Ltd., 4814 Loma Vista Ave., Los Angeles.

5— FLATS

August 9, 1935

Sub-Contracts Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. W twenty-fifth Ave., 254 N Fulton Street.
Two-story and basement frame and stucco flats.
Owner and Builder—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given.
Roofing—Powers Roofing Co., 1442 Alabama Street.
Plumbing—George Weinholz, 765 Minna Street.
Heating—A. G. Atwood, 3623 18th St.
Sheet Metal—Atlas Heating Co., 557 Fourth Street.
Concrete — Andrew Thorsen, 1878 Church Street.
Wood Sash—Portman's Planing Mill, 1618 Mission St.
Lumber—Roth-Maier Co., 2800 Third Street.
Hardware—J. B. Jackson.
Painting—Erling Andresen, 99 Divisadero Street.
Lathing and Plastering—Berg Bros., 719 45th Ave.

To Be Done By Day's Work.
FLATS Cost, $10,000 each
SAN FRANCISCO. S Clay Street E Buchanan.
Three three-story and basement frame and stucco flats.
Owner and Builders—Sharboro & Jorgensen, 2225 North Point St.

August 7, 1935

Contract Awarded.
FLATS Cost, $8000
SAN FRANCISCO. E West Portal Ave. 225 S 14th Avenue.
Two-story frame and stucco flats.
Owner — C. J. Jacobson, 212 Gates St., San Francisco.
Architect—Not Given.
Contractor — Thomas M. Jones, 649 29th Ave., San Francisco.

6—GARAGES & SERVICE STATIONS

August 2, 1935

Plans Completed.
ALTERATIONS Cost, $2000
SAN FRANCISCO. SW Grove and Franklin Streets.
Alterations to greasing station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Being Figured.
SERVICE STATION Cost, $5000
SAN FRANCISCO. NW 24th Avenue and Geary Street.
Class A service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner

Plans Completed.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. NW California and Divisadero Streets.
Owner—General Petroleum Corp. of California, 519 19th St., Oakland
Plans by Engineering Dept. of Owner.

To Be Done By Day's Work.
SERVICE STATION Cost, $2000
SAN FRANCISCO. NE Jersey and Church Streets.
Class C service station.
Owner—Chas. Powers, 3879 26th St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $150
SAN FRANCISCO. SE Geary and Steiner Streets.
Alterations to service station.
Owner—M. Fisher, 1255 Polk Street, San Francisco.
Architect—Not Given.
Contractor—M. Fisher & Son, 1255 Polk St., San Francisco.

Contract Awarded
SUPPLY BLDG. Cost, $5,000
SAN FRANCISCO. SW West Portal and 14th Avenues.
One - story steel frame auto supply building.
Owner—Gilmore Oil Co., 3rd and 18th Streets.
Plans by Engineering Dept. of Owner
Contractor—John W. Huggard, Bialto Building.
Steel Building—Michel & Pfeffer Iron Works, Harrison and 10th Streets

Sub-Contracts Awarded.
SERVICE STATION Cost, $5,000
BERKELEY, Alameda Co., Cal. Adeline and Grove Streets.
Steel service station.
Owner — Standard Oil Co., Financial Center Bldg., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—George W. Anderson, 211 Hanover St., Oakland.
Lumber—Sunset Lumber Co., 400 High St., Oakland.
Steel—Independent Iron Works, Ltd. 821 Pine St., Oakland.

Wiring — Pacific Electric Motor Co., 10th and Oak Sts., Oakland.
Roofing — Brown Roofing Co., 635 53rd St., Oakland.

Bids Completed.
SERVICE STATION Cost, $5000
SAN FRANCISCO, Ellington, Mission and Farragut Streets.
Class C service station.
Owner—General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
SERVICE STATION $7150
SOUTH SAN FRANCISCO, San Mateo Co., Cal. Bayshore Blvd.
Super service station.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — John M. Huggard, 915 Rialto Bldg., San Francisco.

Low Bidder.
SERVICE STATION Cost, $7,000
SAN FRANCISCO, Pacific Ave. and Polk Street.
Steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Low Bidder—Grant-Martinelli Const. Co., 44 Mary St., San Francisco.

Construction Postponed Indefinitely.
SERVICE STATION Cost, $6000
SOUTH SAN FRANCISCO, San Mateo Co., Cal.
Super-service station (3 pumps) steel construction.
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

Owner Taking Segregated Bids.
SERVICE STATION Cost, $2500
SAN RAFAEL, Marin Co., Cal.
Steel and sheet metal service station.
Owner — Todd Franklin, 2191 Third St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

— FEDERAL BUILDINGS

BIDS WANTED
PEARL HARBOR, T. H.—Until Oct. 11 A. M., bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of the fleet air base at Pearl Harbor, T. H.; Spec. No. 7474. Work involves construction of barracks, mess hall, quarters, etc. Estimated cost, $900,000.

BIDS WANTED
COCO SOLO, C. Z.—Until October 11 A. M., bids will bet received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of a naval ammunition depot at Coco Solo. Spec. No. 721. Work involves construction of buildings, roads and services. Estimated cost, $200,000.

FUNDS ALLOTTED
SCHOFIELD BARRACKS, Hawaii. War Department allotted $615,000 for construction of new buildings, reconstruction of present buildings, etc., at Schofield Barracks, Honolulu. Materials to be purchased and work done by day labor under supervision of Constructin gQuartermaster.

COMPLETE BID LISTING
GLENDALE, Calif. — D. Zelinsky & Sons, Inc., 165 Grove Street, San Francisco, at $2070 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Glendale.
Complete bids follow
D. Zelinsky & Sons, San Francisco $2070.
Arthur M. Gelden, Chicago, Illinois, $2454.
F. A. Bucher, Glendale, $2583.
Robert A. West, Pasadena, $2600.
George F. Tondro & Sons, Covina, $3250.

Complete Bid Listing.
POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Cal.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Complete bids follow:
K. E. Parker Co., S. F. $52,800
Leo Epp, San Francisco 52,877
Frank J. Reilly, S. F. 54,931
Wm. Spivock, S. F. 57,500
Geo. Peterson, San Leandro 60,000
MacDonald Const. Co. St. Louis 63,428
Bids held under advisement.

COMPLETE BIDS
WALLA WALLA, Wash.—As previously reported, York Ice Machinery Corporation, 5051 Santa Fe Ave., Los Angeles, at $3635 submitted low bid to Veterans Administration, Washington, D. C., for constructing ice cream making plant at the Veterans' Administration Facilty, Walla Walla, Wash.
Complete bids follow:
York Ice Mchine Corp., Philadelphia, $3635.
Creamery Package Mfg. Co., Philadelphia, $3647.
General Machinery Co., Spokane, Wash., $3725.
Kohlenberger Engr. Co., Fullerton, Calif., $4147.
Northwest Baker Ice Machine Co., Seattle, $4499.

BIDS OPENED
HOLLYWOOD, Los Angeles Co., Cal.—H. P. Mueller, 1929 Vassar Ave., Glendale, at $636 submitted low bid to the Treasury Department, Washington, D. C., for plaster models of the Hollywood Post Office. Only other bid was submitted by B. Make, 3871 Elmhurst Ave., Los Angeles, at $1,021.

Bids Wanted — To Close Sept. 3, 1:00 P. M.
POST OFFICE Cost, $120,000
ANAHEIM, Orange Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

COMPLETE BID LISTING
PORTLAND, Oregon—As previously reported, Otis Elevator Co., 1 Beach St., San Francisco, at $6090 submitted low bid to Veterans Administration, Washington, D. C., for constructing alterations to elevators in Building No. 4 at the Veterans' Administration Facility, Portland, Oregon.
Complete bids follow:
Otis Elevator Co., Washington, D. C., $6097.
Montgomery Elevator Co., Moline, Ill., $6514.
Warner Elevator & Mfg. Co., Cincinnati, Ohio $7950.
A. Kieckhefer Elevator Co., Millwaukee, Wis., $8029.

Bids Wanted—To Close Sept. 13th, 1 P. M.
POST OFFICE Cost, $130,900
SANTA MONICA, Los Angeles Co..
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.

BIDS WANTED
SEATTLE, Wash. — Until August 10 A. M., bids will be received by the Treasury Department Procurement Division, Washington, D. C., for repointing the exterior wall surfaces of the U. S. Federal Office Building at Seattle. Specifications may be obtained from above office and from the Custodian of the building at Seattle.

Contract Awarded
MINT Cont. Price, $95,000
SAN FRANCISCO, Duboce Ave., Hermann, Buchanan and Webster Sts.
Four - story structural steel frame mint (207.9x185.1) feet; reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C., and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Contractor — Clinton Const. Co., 923 Folsom St., San Francisco.
Alternate B, using granite for exterior ashlar was accepted.

FUNDS ALLOTTED
FORT SHAFTER, Hawaii—War Department allotted $30,000 for new buildings, reconstruction of present buildings, etc., at Fort Shafter, Hawaii. Materials to be purchased and work done by day labor under supervision of Constructing Quartermaster.

BIDS OPENED
SAN DIEGO, Cal.—Following bids received by Public Works Officer, 11th Naval District, San Diego, for recabling elevators and improvements to Blower exhaust at the Naval Hospital, San Diego; Spec. No. 8051. Work includes removal of present hoisting cables and furnishing and placing new hoisting cables for each of the three existing passenger elevators, 1 each in buildings Nos. 5, 9 and 15; and removal of an existing exhaust duct from laundry machine in building No. 11 and furnishing and installing new exhaust duct; making connections to present exhaust from the laundry machine.
Complete bids follow:
(1) Work complete: (2) elevator work only; (3) blower exhaust.
California Sheet Metal Works, San Diego, (3) $296.
Ingle Mfg. Co., San Diego, (3) $337.
Otis Elevator Co., San Francisco, (2) $492.
San Diego Elevator & Electric Co., (2) $492.
Mayer & Boyce, San Diego, (1) $925; (2) $480; (3) $345.
Recommendations made that awards be made as follows:
Item 2 awarded to Otis Elevator Co., 1 Beach St., San Francisco, at $450 and item three awarded to California Sheet Metal Works, 504 13th St., San Diego, at $296.

BIDS WANTED
BALBOA, C. Z.—Until October 9, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of ammunition depot at Balboa, Canal Zone. Spec. No. 7819. Work involves construction of buildings, magazines, towers, etc. Estimated cost $750,000.

BUILDING MATERIALS APPROVED

PUYALLUP, Wash.—Treasury Department approved the following building materials and equipment awards for the constuction of the U. S. Post Office in Puyallup. Henrikson - Alstrom Const. Co., Seattle, general contractors:

Plumbing fixtures, Crane Co.; electric water coolers and drinking fountain, Halsey W. Taylor Co.; indirect water heater, Belt & Gossett; water supply pipe, Chase Brass & Copper Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Economy Pumping Mchy. Co.; boiler, Fitzgibbons Boiler Co.; tube and wall radiators, American Radiator Co.; nonconducting covering for heating, Johns - Manville Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel, Trumbull Elec. Mfg. Co.; r.c. wire, Habirshaw Cable & Wire Corp.; receptacles and flush switches, Arrow - Hart and Hegeman Elec. Co.; glassware, Gill Glass & Fixture Co.; lighting fixtures, F. W. Wakefield Brass Co

BUILDING MATERIALS APPROVED

HOLLYWOOD, Los Angeles Co., Cal.—Treasury Department approved the following building materials and equipment awards for the construction of the U. S. Post Office in Hollywood. K. E. Parker Co., 135 South Park St., San Fancisco, general contractor:

Plumbing fixtures, Washington Eljer Co.; electric water coolers and drinking fountain, Halsey W. Taylor Co.; cast iron threaded pipe, Walworth Co.; non-conducting covering for plumbing, Plant Rubber & Asbestos Co.; brass pipe, Bridgeport Brass Co.; tube and wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Plant Rubber and & Asbestos Co.; angle radiator valves Marsh Valve Co.; air valves for ends of steam mains, Dole Valve Mfg. Co.; pipe hangers and concrete inserts, Grinnell Co.; lighting distribution panel and feeder panel, Westinghouse Elec. Mfg. Co.; r.c. wire, Simplex Wire Co.; receptacles & flush switches, Bryant Elec. Co.; clock system, Warren Telechron Co.; fan hangers, Arrow-Hart & Hegeman Elec. Co.

LOW BIDDERS

NOGALES, Ariz.—Harry J. Kearns, Nogales, at $3,580 submitted low bid to the Treasury Department, Washington, D. C., for alterations to the garitas, U. S. Immigration Station, Nogales, Arizona.

The three low bids follow:

Harry J. Kearns, Nogales	$3,580
Frank Lown, Nogales	3,790
Public Bldg. Contractors, New York	5,880

Complete bids will be given shortly.

BIDS WANTED

FAIRBANKS, Alaska—Until Sept. 12, bids will be received by Treasury Department, Washington, D. C., for painting plaster, etc., at the U. S. Post Office, Fairbanks, Alaska.

BIDS WANTED

LOS ANGELES, Cal.—Until Sept. 10, 2:30 P. M., bids will be received by Veterans Administration, Arlington Bldg., Washington, D. C., for metal cubicle partitions in Buildings Nos. 162 and 174 at the Veterans Administration Facility, Los Angeles.

Plans and specifications may be obtained from above office and from the Supervising Superintendent of Construction, Veterans Administration Facility, Palo Alto.

LOW BIDDERS

SAN FRANCISCO—Patterson Bros., 2059 Webster St., Oakland, at $4438 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. Post Office, San Francisco. Three low bids follow:

Patterson Bros., Oakland	$4438
D. Zelinsky, San Francisco	4680
Raphael Co., San Francisco	4860

Complete bids will be published shortly.

Complete Bid Listing.

POST OFFICE Cost, $178,415

ALHAMBRA, Los Angeles Co., Cal.

U. S. Post Office Building.

Plans by Supervising Architect Treasury Dept., Washington, D. C.

Low Bidder—Sarver & Zoss, 1015 W. Fourth St., Los Angeles.

Complete bids follow:

Sarver & Zoss, Los Angeles, $114,200.

Wm. P. Neil Co., Ltd., Los Angeles, $115,776.

Robert E. McKee, Los Angeles, $118,900.

G. F. Campbell and Chas. P. Kelly, Los Angeles, $120,498.

Charles J. Dorfman, Los Angeles, $125,400.

Theodore A. Beyer Corp., Los Angeles, $128,079.

Schuler & MacDonald, Inc., Oakland, $132,000.

R. E. Campbell, Los Angeles, $134,700.

Wm. C. Crowell, Pasadena, $135,606.

Wm. MacDonald Constr. Co., St. Louis Mo., $141,217.

8— CLUB BUILDINGS

Planned.

LODGE Cost, $18,000

SPARKS, Nevada. 21st Street and County Road.

One - story and basement concrete lodge building (100 - ft. frontage) meeting hall, lounge, offices, kitchen, banquet hall, auditorium.

Owner—Duby Reid Post No. 30, The American Legion.

Architect—Not Given.

Legion members will do the foundations and concrete work and bids will be asked on other portion of the

Postponed Indefinitely.

ALTERATIONS Cost, $15,000

SAN FRANCISCO. NE Valencia and Clinton Park.

Alterations to lodge rooms.

Owner—First Serbian Benevolent Society.

Architect—Dodge Riedy, 821 Market St., San Francisco.

9— HOSPITALS

BIDS WANTED

PEARL HARBOR, T. H.—Until August 14, bids will be received by Public Works Officer, 14th Naval Dist., Pearl Harbor, T. H., for repairs and alterations to building No. 371, Naval Hospital, Pearl Harbor. Specification No. 8015.

BIDS WANTED

PEARL HARBOR, T. H.—Until August 14, bids will be received by Public Works Officer, 14th Naval District, Pearl Harbor, T. H., for repairs to Building No. 326, Naval Hospital, Pearl Harbor, T. H. Specifications No. 8010.

Plans Being Figured—Bids Close Aug. 12, 3 P. M.

AUDITORIUM Cost, $——

OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.

One-story frame and stucco auditorium (to seat 300).

Owner—West Oakland Home.

Architect—W. G. Corlett, Bank of American Bldg., Oakland.

Following will submit bids:

Fred. J. Early, Jr., 369 Pine Str., San Francisco.

E. W. Larmer, 90 Fairview Ave., Piedmont.

H. L. Paige, 565 Oak Grove A., Oakland.

S. G. Johnson, 4652 Dolores A., Oakland.

W. G. Thornally, 354 Hobart Str., Oakland.

F. C. Stolte, 3449 Laguna Ave., Oakland.

Geo. J. Maurer, 50 York Dr., P. mont.

PLANNED

OLIVE VIEW, Los Angeles Co., C. Everett J. Grey, executive superintendent of the county sanitorium Olive View, announces that preliminary plans are under way for a p posed new hospital building to built at Olive View, to provide beds and to cost between $2,000, and $3,000,000. A PWA grant will sought.

Low Bidders.

INFIRMARY Cost, $

SEATTLE, Wash. Campus of U versity of Washington.

Four - story fireproof infirmary (wards of 13 beds and ten 2- rooms, diet kitchens, ultra vi treatment laboratories, surger offices, library, etc.)

Owner—State of Washington.

Architect—A. H. Albertson, Jos. V son and Paul Richardson, A ciates, Northern Life Tower, attle.

Low Bidder—Sheble Const. Co., 2 3rd Ave., Seattle, $106,000.

Electric Wiring—NePage - McKen 804 6th St., Seattle, $10,430.

Plumbing & Heating—University P & Htg. Co., 3939 University W Seattle, $25,079.

Elevators—Moline Elevator Co., First St., Seattle, $8,142.

Bids held under advisement.

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Ca Williams & Greenough, Bakersfi at $15,414 awarded contract by K County Board of Supervisors for construction of an isolation ward the Kern County General Hospi Bakersfield.

Plans prepared by Architect Ch H. Biggar, Haberfelde Bldg., Bake field.

PLANNED

HANFORD, Kings Co., Cal.—. chitect Ernest J. Kump, Rowell Bl Fresno, has prepared prelimin plans for the following buildings improvements at the County Hos tal site, Hanford:

East Wing addition estimated cost $65,000.

Old Men's Home to contain 50 be estimated to cost $32,825.

Isolation building with 12 wards, cost $25,110.

Resident Physician's residence cost $6000.

New water tank and tower, $480

Kitchen and refrigerator to c $17,000.

Application will probably be f with the PWA for a loan and gr to finance the proposed work.

10— HOTELS

PLANNED

DANA POINT, Orange Co., Ca Dana Point Inn Co.; S. H. Woodr president, 315 W. Ninth St., Los A geles, is negotiating for a loan finance completion of a hotel build at Dana Point, Orange County.

ich construction started in 1930. The foundations for the building were lit before the project was abandoned. As originally planned, it was econtain 52 guest rooms, dining rm and kitchen. Western Constr. Co Subway Terminal Bldg., Los Angeles, was the contractor, and Arthur R Hutchason, 1001 Architects' Bldg., Los Angeles, architect.

CONSTRUCTION STARTED

BOULDER CITY, Nevada—Boulder Inn Hotel Co.; Paul S. Webb, president, has started work on the erection of an addition to the hotel in Boulder City. The new unit will provide 30 additional hotel rooms and a dining room. Cost is estimated at $[illegible]000.

1—ICE AND COLD STORAGE PLANTS

Contracts Awarded.

WAREHOUSE Cost, $91,900
HOOD RIVER, Oregon.
Four-story reinforced concrete and heavy mill warehouse (cold storage facilities, cork insulation, etc.)
Owner—Duckwall Bros., Hood River, Oregon.
Architect—Claussen & Claussen, Guardian Bldg., Portland, Oregon.
Contractor—G. E. Anderson, 2515 S. E-15th St., Portland.
Plumbing—J. M. Harder, 2038 N. Vancouver St., Portland.
Cork Insulation — Frank J. Leonard, Lewis Bldg., Portland.
Wiring — W. R. J. Ghasle, Lumbermen's Bldg., Portland.
Refrigeration Equipment—Harris Ice Machine Works, 626 N. Tillamook St., Portland.
Conveyors—Mailler & Searles, Inc.

1— POWER PLANTS

BANNED

SEWARD, Alaska—Hubbell & Walsh Engineering Corp., Alaska Bldg., Seattle, have been commissioned to prepare plans for a hydro-electric plant with an installed capacity of two 420-hp. generating units. The powerhouse will be located 7 miles north of Seward and a reservoir developed by a dam at the outlet of Lost Lake. Water will be carried 3 miles to the power house through line or pressure pipeline. The cost of the work is estimated at $118,000, to be financed by a bond issue at $8,000 to be purchased by the PWA, and an outright grant of $30,000.

BONDS VOTED

SALINAS, Monterey Co., Calif.—County of Monterey voted bonds in the amount of $248,000 August 6 to finance construction of a new county courthouse in Salinas on a site yet to be selected. Total cost of the project will be $400,000.

Preliminary plans have been prepared by Architects Chas. Butner, 51 Maple St., Salinas, and Robert Stanton, Carmel.

COMPLETE BID LISTING

AMERICAN LAKE, Wash.—As previously reported, F. L. Van Slyke, Puyallup, Washington, at $7340 submitted low bid to Veterans Administration, Washington, D. C., for constructing transformer station and transmission line at the Veterans' Administration Facility, American Lake, Washington.

Complete bids follow:

F. L. Van Slyke, Puyallup, Wash., $7340.
Raymond Elec. Co., Tacoma, Wash., $7488.
H. Wacker, Los Angeles, $7498.
Wire Electric Co., Tacoma, Wash., $7550.
C. O. Nelson Co., Tacoma, Washington, $8225.
No Page, M. Kenny, Seattle, Wash $8240.
H. C. Moss, Seattle, Wash., $8685.
E. C. Nickel, Los Angeles, $8860.
C. B. Campbell and M. S. Hansen, Seattle, Wash., $8987.
J. J. Agutter Co., Seattle, Wash., $9095.
Stewart Electric Co., Seattle, Wash., $9155.
Arrow Electric Co., Seattle, Wash., $9162.
City Electric & Fixture Co., Seattle, Wash., $9490.
E. J. Barry, Tacoma, Wash., $9719.
Globe Electric Co., San Francisco, $10,000.
Fallstrom Elec. Co., Seattle, Wash., $10,217.34.
General Constr. Corp., Richmond, Va., $11,987.50.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

VISALIA, Cal.—Sterling K. Smith, 605 S. Locust Street, Visalia, awarded contract by Tulare County Supervisors for alterations to the interior of the Tulare County Courthouse in Visalia. Ernest J. Kump, Rowell Bldg., Fresno, Architect.

CONTRACT AWARDED

SAN QUENTIN, Marin Co., Cal.—Herrick Iron Works, 18th and Campbell Sts., Oakland, at $12,248 awarded contract by Department of Public Works, Sacramento, for structural steel frame for the Industrial building at San Quentin.

Contract Awarded

ALTERATIONS Cont. Price, $2,680
SAN RAFAEL, Marin Co., Calif.
Remodel main sheet metal cornice and parapet of the public library.
Owner—City of San Rafael.
Architect—Carl F. Grommer, Masonic Bldg., San Rafael.
Contractor—Leibert and Trobock, Albert Bldg., San Rafael.

NEW BIDS WANTED

FRESNO, Cal.—Until August 22, 11 A. M., bids will be received by the Fresno City Council for mechanical equipment for the new auditorium to be erected for the City of Fresno.

The M. J. Reeves Co., San Francisco, whose bid on the original opening, was $42,000 was allowed to with-

CONTRACT AWARDED

SAN FRANCISCO. — Arnke Iron Works, 780 Brannan Street, at $970 awarded contract by Department of Public Works, for installing metal stairway and catwalk at the civic auditorium.

Complete bids follow:

Arnke Iron Works	$ 970
Monarch Iron Works	1,090
Fair Manufacturing Co.	1,110
Anchor Post Fence Co.	1,147
Industrial Orn. Iron Works	1,193
Sartorius Company	1,298
California Steel Products Co.	1,298
F. Kern & Sons	1,333

Plans Being Completed.

FIREHOUSE, ETC. Cost, $25,000
BERKELEY, Alameda Co., Cal. Cedar Street, from 8th to 9th Sts.
One-story frame fire house (cement plaster exterior) reinforced concrete drill tower and machine shop).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Construction will be handled by WPA. Plans will be complete in about one week.

BIDS WANTED

MOJAVE, Kern Co., Cal. Until August 19, 11 A. M., bids will be received by F. E. Smith, Clerk, Kern County Board of Supervisors, Courthouse, Bakersfield, for construction of a jail building at Mojave.

Plans and specifications may be obtained from Architect Edwin J. Symmes, Haberfelde Bldg., Bakersfield upon deposit of $10.00.

Preliminary Plans Prepared.

FIREHOUSE Cost, $—
COALINGA, Fresno Co., Cal. Seventh and Elm Streets.
New firehouse (sleeping quarters club rooms, etc.)
Owner—City of Coalinga.
Architect—W. D. Coates, Rowell Bldg., Fresno.
Application will be filed with the PWA for a loan and grant to finance the project.

Commissioned To Prepare Plans.

LIBRARY Cost, $30,000
VISALIA, Tulare Co., Cal.
One-story library building.
Owner—City of Visalia.
Architect—C. A. Balch, 1584 W. Washington St., Los Angeles.
Application will be filed with the PWA for funds to finance the structure.

14— RESIDENCES

To Be Done By Day's Work.

RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 680 The Alameda.
Two-story rame and stucco residence (six rooms).
Owner and Builder—A. T. Beckett, 221 Scenic Ave., Piedmont.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded

RESIDENCE Cost, $3,500
BERKELEY, Alameda Co., Calif. 69 Alamo Avenue.
One-story frame residence (4 rooms).
Owner—Mrs. L. H. Jacobs, 815 Coventry Road, Berkeley.
Architect—Not Given.
Contractor—J. V. Short, 1386 Euclid Ave., Berkeley.

To Be Done By Day's Work.

RESIDENCE Cost, $4,000
SAN FRANCISCO. W Nebraska 130 N Cortland Avenue.
One-story frame and stucco residence.
Owner and Builder—Henry Erickson, 972 Chenery Street.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2957 62nd Avenue.
One-story frame and stucco residence (five rooms).
Owner and Builder—A. E. Waldman, 3174 McKillop Road, Oakland.
Architect—Not Given.

Sub-Contracts Awarded.

RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story and basement frame and stucco residence (tile roof, warm air heating system, wood sash, tile baths, hardwood floors, etc.)
Owner—Edward L. Barry.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Excavation — Ariss-Knapp Co., 961 41st St., Oakland.

Concrete—Nat Lena, 1174 19th St., Oakland.
Lumber — E. K. Wood Lumber Co., Frederick and King Sts., Oakland
Mill Work — Pacific Mfg. Co., Santa Clara.
Electric — College Ave. Electric Co., 2917 College Ave., Berkeley.
Plumbing—Scott Co., 113 Tenth St., Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Cal.
Two-story and basement frame and stucco residence (11 rooms and 5 baths) tile roof, canvas walls, tile baths, wood sash, watertight hardware, oak floors, electric heating system (to be installed by owner).
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco, and George Maurer, 50 York Drive, Piedmont, are among the contractors figuring the plans.
About three weeks will be allowed for figuring.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. NW Cambridge and Silliman Streets.
One-story and basement frame and stucco residence.
Owner — Ethan S. Allen, 310 Cambridge St., San Francisco.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif.
One-story frame residence (5 rooms).
Owner and Builder—Wm. F. Pogue, 189 N. 34th St., San Jose.
Architect—Wm. E. Higgins, 19 North Second St., San Jose.

Plans Being Revised.
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. Park Avenue.
Two-story frame residence (5 rooms) California-Colonial style.
Owner—Withheld.
Architect—Wm. E. Higgins, 19 North Second St., San Jose.
New bids will be asked shortly. On bid opening lowest bid was submitted by Frank Neves, Santa Clara, at $3,-346.00.

Owner Taking Bids.
RESIDENCE Cost, $5,500
SALINAS, Monterey Co., Calif.
Two-story frame and stucco residence (6 rooms) tile roof, gas heating system, hardwood floors, etc.
Owner and Builder — Vincent Bryan, Salinas.
Architect—Wm. E. Higgins, 19 North Second St., San Jose.

Contract Awarded
RESIDENCE Cost, $3,500
SAN JOSE, Santa Clara Co., Calif.
1½-story frame residence (5 rooms)
Owner—Wm. J. Byle.
Architect—Wm. E. Higgins, 19 North Second St., San Jose.
Contractor—Vincent Sunzerio, 176 N. 31st St., San Jose.

Plans Being Completed.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Cal. Hatton Fields.
Two-story frame residence (5 rooms).
Owner—Burton Doolittle.
Architect—C. J. Ryland, P. O. Box 790, Monterey.

Contract Awarded.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Cal. 2274 Tasso Street.
One-story frame and stucco residence
Owner—A. B. Sylvia, 519 Pope St., Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, Premises.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1125 Swanstrom Drive.
One-story and basement frame and stucco residence.
Owner—Bradley Fiter.
Architect—Not Given.
Contractor—N. H. Lund, 2549 Sixth Ave., Sacramento.

Contract Awarded.
RESIDENCE Cost, $5000
SACRAMENTO, Sacramento Co., Cal. 5000 Seventh Avenue.
One-story and basement frame and stucco residence.
Owner—Elmer F. Root, 1826 V St., Sacramento.
Architect—Not Given.
Contractor—E. E. Sydenstricker, 917 Sonoma Way, Sacramento.

Contract Awarded.
ALTERATIONS Cost, $1000
COLMA, San Mateo Co., Cal. Washington and Briggs Streets.
Alterations to residence.
Owner—Tom Callan.
Architect—Not Given.
Contractor—D. J. Daly, 56 Cavour St., Daly City.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 670 Creston Street.
Two-story frame and stucco residence (6 rooms).
Owner—Berkeley Hillside Properties Co., 58 Sutter St., San Francisco.
Architect—Not Given.
Contractor—W. A. Netherby, 3853 Lyman Road, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
MILLBRAE, San Mateo Co., Calif. Burlingame Avenue.
One-story frame and stucco residence
Owner and Builder—Kenneth Evers, 2100 19th Ave., San Francisco.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Cal. Las Canada Road.
Two-story residence (siding and brick exterior, probably shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.)
Owner—Withheld.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1943 Carter Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—Webb Richards.
Architect—Not Given.
Contractor—A. H. Monez, 4133 Oakmore Road, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $3000
SAN FRANCISCO. E 47th Ave. S Sutro Heights.
Two-story frame residence.
Owner—E. Cuneo, 1821 Grant Ave., San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W 20th Ave. 325 N Santiago Street.
One-story and basement frame a stucco residence.
Owner—Bernhardt & Cowen, 824 T[illegible] aval St., San Francisco.
Architect—C. O. Clausen, 746 4[illegible] Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 e[illegible]
SAN FRANCISCO. W 29th Ave. [illegible] Cabrillo Street.
Two two-story and basement fra[illegible] and stucco residences.
Owner and Builder—H. H. Isaac, Belvedere St., San Francisco.
Architect — S. A. Colton, Flatir[illegible] Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $1[illegible]
PALO ALTO, Santa Clara Co., C[illegible] No. 136 Harriet Avenue.
One-story frame and stucco reside[illegible]
Owner—J. B. Sears, 1120 Parkin[illegible] St., Palo Alto.
Architect—Not Given.
Contractor—C. A. Pellymounter, Bailey Ave., Mountain View.

Low Bidder.
RESIDENCE Cost, $-
LODI, San Joaquin Co., Cal.
One-story frame and stucco reside[illegible] (5 rooms) shingle roof, gas he[illegible] ing system, hardwood floors, baths, etc.
Owner—D. M. Dean.
Architect—Victor Galbraith, 1035 Acacia St., Stockton.
Low Bidder—Kent Watson, Lodi.

Plans Being Figured—Bids Close A[illegible] 15, 8:00 P. M.
RESIDENCE Cost, $5[illegible]
HAYWARD, Alameda Co., Cal.
One-story and basement frame [illegible] stucco residence (5 rooms) sh[illegible] roof, gas hot air heating syst[illegible] hardwood floors, wood sash, et[illegible]
Owner—Withheld.
Architect—Geo. P. Simonds, 192 M[illegible] St., Hayward.

Contract Awarded
RESIDENCE Cost, $6[illegible]
STOCKTON, San Joaquin Co., C[illegible] 202 E. Jefferson Street.
Two - story frame and brick ver[illegible] residence (7 rooms).
Owner—F. J. and Emilia N. Tru[illegible]
Architect—Not Given.
Contractor—E. Merlo, Moering's L[illegible] Stockton.

August 7, 19[illegible]

To Be Done By Day's Work.
RESIDENCE Cost, $[illegible]
STOCKTON, San Joaquin Co., C[illegible] 2226 Kensington.
One - story frame and brick ve[illegible] residence (five rooms).
Owner & Builder—I. R. Dryden, K[illegible] Ave., Stockton.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $[illegible]
MILLBRAE, San Mateo Co., C[illegible] Hazel Avenue.
One - story and basement frame [illegible] stucco residence.
Owner—Nills Schultz, 1456 Burling[illegible] Ave., Burlingame.
Architect—Not Given.
Contractor—Schultz Const. Co. [illegible] crest Blvd., Millbrae Highla[illegible] Millbrae.

Contract Awarded
ALTERATIONS Cost, $[illegible]
REDWOOD CITY, San Mateo Co., 1511 Oak Street.
Alterations and additions to resid[illegible]
Owner—A. Pandolfi.
Architect—Not Given.
Contractor—C. Archibald, 929 Sh[illegible] St., Redwood City.

o Ask Bids Within Few Days.
ESIDENCE Cost, $5000
ALLEJO, Solano Co., Cal.
ne-story all wood residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
wner—James Gee, Jr.
rchitect—D. E. Jaekle, 126 Post St., San Francisco.

ow Bidder
ESIDENCE Cost, $——
IERCED, Merced Co., Cal.
wo-story all-wood residence (Colonial type) 10 rooms and 3 baths; shake roof, wood sash, hardwood floors, tile baths, etc.
wner—Withheld.
rchitect—Kent & Hass, 525 Market St., San Francisco.
ow Bidder—C. E. Cameron & Son, P. O. Box, 244, Merced.

To Be Done By Day's Work.
ESIDENCE Cost, $5,000
AKLAND, Alameda Co., Cal. East 17th Ave. 156 S Vicente.
ne-story and basement frame and stucco residence.
wner & Builder—Herman Christensen, 1422 27th Avenue.
rchitect—C. C. Clausen, 746 46th Avenue.

Contract Awarded
LTERATIONS Cost, $1,500
AN FRANCISCO, 62 Jordan Ave.
lterations to residence.
wner—Mrs. F. J. Baker, % architect.
rchitect—J. E. Krafft & Sons, Phelan Building.
ontractor—A. L. Thulin, 63 Brady.

Bids In—Held Under Advisement.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
wner—Mr. O'Brien.
rchitect—F. L. Confer, 2812 Russell St., Berkeley.
Announcement will be made shortly

CONTRACT TO BE AWARDED
SANTA YNEZ VALLEY, Santa Barbara Co., Cal.—Edwards & Plunkett, 111 E. De la Guerra, Santa Barbara architects will award a contract within a few days for a residence and other buildings to be built in the Santa Ynez Valley, Santa Barbara County, for Frank Hobbs. The main house will be a U-shaped structure, with stucco exterior and tile roof, and will contain six bedrooms, living quarters and servants' quarters. The outbuildings will include stables, feed barns, blacksmith shop and helps' living quarters.

Contract Awarded
RESIDENCE Cost, $2,670
CARMEL, Monterey Co., Calif. Hatton Field Tract.
One-story Monterey type residence.
Owner—Beverly Stover, Camino Road and 13th St., Carmel.
Architect—Guy Koepp, Carmel.
Contractor—A. D. Irving, Box 1014, Carmel.

Contract Awarded.
RESIDENCE Cost, $4682
OAKLAND, Alameda Co., Cal. Piedmont Pines.
One-story frame and stucco residence
Owner—E. M. Taylor.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley.

Contract Awarded.
ADDITION Cost, $2,500
SAN JOSE, Santa Clara Co., Calif. 570 E. Sand Carlos Street.
Addition to residence.
Owner—Herbert Gray, premises.
Architect—Not Given.
Contractor—George Kocher, Graphic Arts Bldg., San Jose.

Contract Awarded.
ALTERATIONS Cost, $1,500
SAN JOSE, Santa Clara Co., Calif. 202 S. 11th Street.
Alterations to residence.
Owner—T. C. Grubb, premises.
Architect—Not Given.
Contractor—Guy M. Latta, 157 Rhodes Court, San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $7500
SAN FRANCISCO. S El Verano St. 80 W St. Elmo St.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
RICHMOND, Contra Costa Co., Cal. NW Nevin Ave. and Carlson St.
Two-story frame and stucco residence
Owner—M. R. Hays, 2216 Macdonald Ave., Richmond.
Architect—James Narbett, 466 31st St., Richmond.
Contractor—Pat Pearson, San Pablo.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Cal. Lot 44 Blk 58, DeSoto Street.
One-story and basement frame and stucco residence.
Owner and Builder—J. J. Cook, 761 Shrader St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $7000 each
SAN MATEO, San Mateo Co., Cal. Two two-story frame and stucco residences.
Owner—Thos. F. Wiseman, 121 Sycamore St., San Mateo.
Architect—Not Given.
Contractor—Leadley & Wiseman, 207 Second Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 28 Elston Court.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3244 Florida Street.
Two-story frame and stucco residence (six rooms).
Owner—A. B. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. N Kirkham East 34th Avenue.
Two one-story and basement frame and stucco residences
Owner and Builder—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4500
SAN CARLOS, San Mateo Co., Cal.
One-story and basement frame and stucco residence (five rooms) tile and composition roofing, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Otto and Anna Schmitt.
Architect—Resing & McGuinness, 158 Pine St., San Francisco.
Contractor—W. C. Akard, 225 Cervantes Blvd.

Contract Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Cal. Grinell Avenue.
Two-story and basement frame and stucco residence.
Owner—George Colmann.
Architect—Not Given.
Contractor—Hugo Huttberg, 29 San Mateo Drive, San Mateo.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Cal. Larton Avenue.
One-story and basement frame and stucco residence.
Owner—M. Podesta.
Architect—Not Given.
Contractor—Frank Ferrea, 712 Fifth Ave., San Mateo.

Low Bidder.
RESIDENCE Cost, $7500
SAN FRANCISCO. Ashbury Terrace.
Two-story frame residence (Colonial style) 8 rooms, 2 baths; composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 15th Ave., San Francisco.
Low Bidder—Fred K. DuPuy, 110 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (7 rooms).
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1401 Franklin St., Oakland.

Construction Postponed Temporarily.
RESIDENCE Cost, $——
ROSS, Marin County, Calif.
One-story frame residence (6 rooms, 3 baths) shingle wood roof with alternate proposal for copper roof, hot air oil burning heating system; hardwood floors, tile baths, redwood exterior, etc.
Owner—George J. Seebe.
Architect—W. W. Wurster, 260 California St., San Francisco.

August 5, 1935

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 7826 Hillside Street.
One-story and basement frame and stucco residence (6 rooms)
Owner and Builder—R. A. Roeber, 7818 Hillside St., Oakland.

Sub-Contracts Awarded.
ADDITION Cost, $13,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Alterations and additions to three-story sorority house.
Owner—Withheld.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Contractor—Geo Wagner, 185 South Park, San Francisco.
Fireplaces—Eri Richardson, 557 Market St., San Francisco.
Mill Work—National Mill & Lumber Co., 100 High St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $4500
SARATOGA, Santa Clara Co., Cal.
One-story and basement frame and stucco residence (5 rooms) tile roof, gas heating system, wood sash, stucco, oak floors, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St., Oakland.

Contract Awarded
RESIDENCE Cost, $——
SANTA ROSA, Sonoma County, Cal. Proctor Drive and Austin Way.
Two - story and basement frame and stucco residence (6 rooms) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Santa Rosa Better Housing Campaign Committee.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Wm. Rapp, Santa Rosa.
Plumbing—Geo. Mitchell, Santa Rosa.
Sheet Metal—Kindig Sheet Metal Works, Santa Rosa.
Lumber and Millwork—Henry Laws Co., Santa Rosa.
Foundations—Gus Felix, Santa Rosa.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Calif. Lot 2 Blk 4, Edenburgh Street.
Two-story frame and stucco residence
Owner—W. P. Blump.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Painting—Wm. Steele, 1569 Newlands Ave., Burlingame.
Lathing and Plastering—C. B. Henderson, San Mateo.
Brick and Stone Work—Chas. Ohran & Sons, 1036 Chula Vista, Burlingame

Contract Awarded.
RESIDENCE Cost, $4189
SANTA ROSA, Sonoma Co., Cal. St. Helena Avenue.
One-story and basement frame and stucco residence.
Owner—Gust Malm, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2947 75th Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner & Builder—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given.

Plans Being Figured—Bids Close August 12.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal. Piedmont Estates.
Two-story frame and stucco residence
Owner—Mr. Mitchell.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contract Awarded
ALTERATIONS Cost, $8,000
SAN FRANCISCO, 1040 Lombard St
Alterations to residence
Owner—H. C. Marcus, premises.
Architect—Miss Julia Morgan, Merchants Exchange Bldg.
Contractor—A. H. Wilhelm, 666 Mission Street

Contract Awarded.
ALTERATIONS Cost, $2000
SACRAMENTO, Sacramento Co., Cal. No. 1014 Tenth Street.
Alterations to residence.
Owner—Ethel K. Bergman, Prem.
Architect—Not Given.
Contractor—Peter Leoni, 1055 Fourth St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
BELLHAVEN CITY, San Mateo Co., Cal. Tehama Street.
One-story and basement frame and stucco residence.
Owner—Newbridge Park Realty Co., Premises.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $26,484
BERKELEY, Alameda Co., Cal. Piedmont Pines, 77 Bowling Drive.
Two-story and basement frame and stucco residence (12 rooms and 3 baths).
Owner—Grace Busche, 359 Perry St., Oakland.
Architect—F. Eugene Barton, Crocker Bldg., San Francisco.
Contractor — Harold Paige, 5651 Oak Grove St., Piedmont.
Plastering—C. & C. H. Farrer, 2406 Ransome Ave., Oakland.
Heating—B. Mork, 1606 10th St., Berkeley.
Roofing Tile—M. & S. Tile Co., Decoto
As previously reported, reinforcing steel awarded to McGrath Steel Co., 354 Hobart St., Oakland; lumber to Sunset Lumber Co., 400 High Street, Oakland; concrete to Schnoor Bros., 6016 Claremont Ave., Oakland.

15— SCHOOLS

To Ask Bids Immediately.
RECON. SCHOOL Cost, $125,000
OAKLAND, Alameda Co., Cal. No. 1926 19th Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.

Contract Awarded.
RECON. SCHOOL Cont. Price, $12,558
OAKLAND, Alameda Co., Cal. No. 110 Sunnyhill Road.
Reconstruction and rehabilitation of Crocker Highlands School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Berkeley.
Complete bids published August 2.

BIDS WANTED
LONG BEACH, Cal.—Until August 16, 4 P. M., bids will be received by the Long Beach board of education for the construction of the library and men's physical education buildings at the Long Beach junior college. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25. K. Cutter, 707 Farmers and Merchants Bank Building, architect. Trewhitt-Shields Co., Security First National Bank Bldg., Fresno, have procured plans.

CONTRACTS AWARDED
COALINGA, Fresno Co., Cal.—Coalinga Union High School District awarded the following contracts:
(1) Healy & Popovich, Fresno, $613.02 (34 cafeteria tables).
(2) National Venetian Blind Co., $1,295 (Venetian Blinds).
(3) Gundlefinger & Myers, $227.85 (5 desks and chairs for Board Room)
(4) American Seating Co., $2453.20 (200 study hall desks; 200 steel folding chairs and four study hall tables).
(5) Healy & Popovich, $1485 (electrical fixtures, etc.)

Bids on extension of new electri service, etc., were rejected.
Specifications will be revised an new bids asked.

Plans Being Figured—Bids Close Aug 27, 8:00 P. M.
RECON. SCHOOL Cost, $130,00
BERKELEY, Alameda Co., Cali California and Derby Streets.
Reconstruction of Longfellow Schoo
Owner—Berkeley School District.
Architect—W. C. Ambrose, % Berkeley Board of Education.
Engineer — Thomas Chace Berkele Board of Education.
Plans were prepared by Architec John Reid Jr.
Mr. Ambrose and Mr. Chace wi supervise the reconstruction work.
Plans and specifications may be ob tained from the Secretary of th Berkeley Board of Education upo deposit of $25.

Plans Being Prepared.
HIGH SCHOOL Cost, $250,00
OREGON CITY, Oregon.
Two-story and basement brick an cast stone high school (175x21 feet), 13 classrooms and labora tories, combination gymnasiur and auditorium, stage, showers & dressing rooms, lockers, slat blackboards, etc.
Owner—Oregon City School District.
Architect—Jones & Marsh, Woodlar Bldg., Portland, Oregon.
A bond election will be held in th near future.

Bids Opened.
RECON. SCHOOL Cost, $17,00
OAKLAND, Alameda Co., Calif. No 110 Sunnyhill Road.
Reconstruction and rehabilitation o Crocker Highlands School.
Owner—Oakland Board of Education
Architect — W. G. Corlett, Bank o America Bldg., Oakland.
Low Bidder — Willis F. Lynn, 1037 Ashmount Ave., Berkeley.
Complete bids follow:
Willis F. Lynn, Berkeley.....$12,55
John E. Branagh, Oakland..... 12,93
S. G. Johnson, Oakland..... 13,26
Bertelsen & Moore, Oakland.... 13,78
George Swanstrom, Oakland..... 15,69
L. C. Dunn, San Francisco..... 15,99
Bids held under advisement.

CONTRACT AWARDED
SAN FRANCISCO.—Empire Roofin Co., 261 Silver Ave., at $64.00 award ed contract by Department of Publi Works for tar and brick roof on th bungalows at Daniel Webster Schoo Mission and 19th Sts. Work involve 5-ply tar and brick roofing approxi mately 11 squares.
Complete bids published Aug. 1.

CONTRACT AWARDED
PHOENIX, Ariz.—Wm. J. Bezy, Rt 6, Box 1522, Phoenix, awarded con tract by Madison School District No 38, at $28,284, for additions and al terations to the Madison School i Phoenix. Janssen & Whittlesey, Phoe nix, Architects.

CONTRACT AWARDED
SEBASTOPOL, Sonoma Co., Cal.—W. B. Coats, 238 S. Main St., Sebastopol, at $445 awarded contract b Sebastopol Union Grammar Scho District for painting the primar school in Sebastopol. Only other bi was submitted by J. J. Burdon, Oa land and Richmond at $473.

SEEK FUNDS
SACRAMENTO, Calif.—Sacramen School District has filed an applica tion with the PWA for funds in th amount of $715,000 to finance con struction of a new high school in Sac

mento. Proposed building will con-
in thirty classrooms, laboratories,
ops, gymnasium, cafeteria and au-
orium.
Preliminary plans preprared by Ar-
itects Starks and Flanders, Forum
g., Sacramento.

ONTRACTS AWARDED

PALO ALTO, Santa Clara Co., Cal.
lo Alto Board of Education award-
following contracts for steam and
s heating in the Lytton School and
lo Alto High School:

eam Heating System, Lytton School
O'Mara & Stewart, 218 Clara St.,
San Francisco, $3,084.00.

adiators for Palo Alto High School—
O'Mara & Sewart, $432.00.

s Heating for Palo Alto High School
—Walter S. Sterling, 1125 King
St., Redwood City, $1,359.00.

adiators in Palo Alto High School—
Walter S. Sterling, $60.70.

Complete bids follow:
) steam heating in Lytton School.
) gas heating in Palo Alto High
School.
) radiators in Palo Alto High School
) Do.

Mara & Stewart, S. F.	(1)	$3,084.00
	(2)	1,544.90
	(3)	85.00
	(4)	432.00
S. Sterling, Redwood City		
	(1)	3,085.00
	(2)	1,359.00
	(3)	60.70
	(4)	506.70
cific Heating & Ventilating Co., San Francisco	(1)	3,195.00
	(2)	1,775.00
	(3)	102.00
	(4)	469.00
ott Co., San Francisco	(1)	$3,230.00
	(2)	1,647.00
	(3)	119.00
	(4)	567.00
ishel Bros., Palo Alto	(1)	3,325.00
	(2)	1,787.00
	(3)	145.00
	(4)	500.00
huster & Hudson, Oakland		
	(1)	3,330.00
	(2)	1,357.00
	(3)	93.00
	(4)	517.00
B. Hansen, Palo Alto	(1)	3,337.00
	(2)	1,674.00
	(3)	182.00
	(4)	596.00
nittle Bros., S. F.	(1)	3,433.00
	(2)	1,797.00
	(3)	115.00
	(4)	591.00
owd & Welch, S. F.	(1)	3,439.00
	(2)	1,970.00
	(3)	94.00
	(4)	580.00
A. Nelson, Inc., S. F.	(1)	3,636.00
	(2)	1,777.00
	(3)	107.00
	(4)	541.00
tanford Plumbing Co., Palo Alto	(1)	4,141.06
	(2)	1,846.10
	(3)	115.90
	(4)	567.36

onstruction To Start Aug. 15.

SCHOOL Cost, $75,000
HAYWARD, Alameda Co., Calif.
ne-story frame and stucco grammar building (216x190 ft.) (to replace structure destroyed by fire) to contain 8 classrooms and kindergarten, auditorium to seat 600, cafeteria, etc
wner — Hayward Elementary School Dist. (Judge Jacob Harder, Clerk) Hayward.
rchitect—E. P. Whitmao, 54 Cleland Ave., Los Gatos.
Labor will be furnished by SERA.

CONTRACTS AWARDED

SAN FRANCISCO.—Skelly & Kohler, 1344 Ninth Ave., at $2,285 awarded contract for plumbing and gas fitting, and Hotchner Bros., 544 Golden Gate Ave., at $4,234 awarded contract for electrical work by Department of Public Works for plumbing, gas fitting, and electrical work at the Lowell High School, Grove, Ashbury, Hayes and Masonic Ave.

BIDS WANTED

RENO, Nevada.—Until Aug. 15, 2:30 P. M., bids will be received by J. D. Cameron, Clerk, Reno School District, for remodeling the heating plants of the Mary S. Doten and the Mount Rose elementary schools in Reno.

Plans and specifications may be obtained from George Townshend, 24 W Douglas Ave., Reno, upon deposit of $15.00.

BIDS WANTED

COALINGA, Fresno Co., Cal.—Until August 14, 7:30 P. M., bids will be received by F. J. McCollum, Secretary, Coalinga Union High School District, for furnishing and installing (1) new electrical service lines from the switchboard in the power vault of the science building, to the mechanical shops in underground conduit, and (2) from the switchboard in the power vault of the science building in underground conduit to the power pole serving the tennis courts and swimming plunge.

Plans and specifications may be obtained from the secretary, 144 West Elm St., Coalinga.

BIDS WANTED

BAKERSFIELD, Kern Co., Cal.—Until August 14, 7 P. M., bids will be received by W. H. Clendenen, Clerk Mountain View School District, for addition to the Mountain View School. Plans and specifications may be obtained from Architect Chas H. Biggar, Haberfelde Bldg., Bakersfield.

Preliminary Plans Prepared

SCHOOL Cost, $77,000
LEMOORE, Kings Co., Calif.
One-story elementary school (eleven classrooms).
Owner— Lemoore Elementary School District
Architect—E. J Kump, 534 Rowell Bldg., Fresno.

Application filed with the PWA for a loan and grant to finance the project. If accepted a bond election will be called.

PLANNED

PALO ALTO, Santa Clara Co., Cal. —Palo Alto Board of Education is considering filing an application with the PWA for a loan and grant to assist the financing of a proposal of $30,000 Junior College in Palo Alto.

LOW BIDDER

FLAGSTAFF, Arizona.—P. W. Womack, Phoenix, submitted low bid to Arizona State Teachers' College at Flagstaff at $39,765, for remodeling a training school building on the college campus in Flagstaff, a PWA project. Recommendation was made by the school board that the low bid be accepted. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, architects.

BIDS WANTED

LONG BEACH, Cal.—Until August 16, 4 P. M., bids will be received by Long Beach board of education for the construction of the library and men's physical education buildings at the Long Beach junior college. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25

Architect K. Cutter, 707 Farmers & Merchants Bank Bldg.

CONTRACT APPROVED

LOS ANGELES, Cal.—PWA has approved a contract between the Los Angeles board of education and the Theo A. Beyer Corp., 135 Chamber of Commerce Bldg., for the construction of a reinforced concrete administration building at Lafayette junior high school, 1240 Naomi Ave. Contract price is $118,646. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects.

Contract Awarded

RECON. SCHOOL Cont. Price $53,191
OAKLAND, Alameda Co., Calif. 81st Avenue and Olive Street.
Reconstruction and rehabilitation of Webster School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — George Swanstrom, 1615 78th St., Oakland.

CONTRACT AWARDED

LOS ANGELES, Cal.—Harold Hansen, 1186 N. Flores St., awarded contract by Los Angeles Board of Education at $68,987 for two one-story, frame and stucco school buildings to be built at the Santa Barbara Avenue School site, 3990 So. Western Avenue. Walker & Eisen, 437 South Hill St., architects.

CONTRACT AWARDED

LOS ANGELES, Cal.—Jones Bros., 9430 Santa Monica Blvd., Beverly Hills, awarded contract by Los Angeles Board of Education August 1, at $78,581 (using frame construction and accepting alternate bids "A", "B" and "C"), for the construction of two new one-story classroom buildings at the Florence Avenue School site, 1901 E. Florence Ave. Theodore R. Jacobs, Homer Laughlin Bldg., Architect.

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Cal.—H. B. Nicholson, 443 E First St., Long Beach, awarded contract by Los Angeles Zoard of Education at $88,622, for reconstruction, rehabilitation and strengthening of the main brick building at the Micheltorena Street School, 1511 Micheltorena Street. A. S. Nibecker, Jr., architect, and Murray Erick, 811 W. 7th St., Structural Engineer.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. W. Odell, 6417 Drexel Ave., awarded contract by Los Angeles board of education at $28,803, for reconstruction, rehabilitation and strengthening of the annex building (classroom section) at the Woodcrest school, 1021 W 109th St. Heth Wharton, 6233 Wilshire Blvd., architect and J. J. Rees Engineering Co., Byrne Bldg., structural engineer.

CONTRACT AWARDED

LOS ANGELES, Calif.—Contracting Engineers, Inc., 2310½ West Vernon Ave., awarded contract by Los Angeles board of education at $82,500 (based on bid No. 3) for reconstruction of units Nos. 1, 2 "B", "D", "A", and "C" at the Eastman Street school, 1200 S. Eastman St. E. L. Taylor, 1128 Citizens' National Bank Bldg., architect, and L. A. Parker, 804 Architects' Bldg., structural engineer.

Plans Being Figured—Bids Close Aug. 27, 4:00 P. M.

RECON. SCHOOL Cost, $125,000
OAKLAND, Alameda Co., Cal. No. 1926 19th Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of

America Bldg., Oakland, and Oakland Board of Education.

Plans and specifications may be obtained from the Department of Architecture and Engineering, Board of Education, 1025 Second Ave., Oakland, upon deposit of $25.

BIDS OPENED

SAN FRANCISCO. — M. J. Reeves Heating Co., 959 Natoma St., at $26,870 submitted low bid to the Department of Public Works, City Hall, for mechanical equipment for the Lowell High School, Hayes and Ashbury Sts.

Complete bids follow:

M. J. Reeves Heating Co.	$26,870
James A. Nelson, Inc.	31,816
Fred. W. Snook	32,559
Anderson & Rowe	32,722
Knittle Brothers	34,350

Bids held under advisement.

16— BANKS, STORES AND OFFICES

Contract Awarded.

ALTERATIONS Cost, $5000
SAN FRANCISCO. SE Haight and Scott Streets.
Alterations to store building.
Owner—Lewis M. Norton, Russ Bldg., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

Sub-Contracts Awarded.

ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 1526 Fillmore Street.
Alterations to store building for branch bank.
Owner — Lurie Co., 333 Montgomery St., San Francisco.
Architect—W. I. Peugh, 333 Montgomery St., San Francisco.
Lessee—San Francisco Bank.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Plumbing and Heating — James H. Pinkerton, 927 Howard St.
Electric—Alta Electric & Mechanical Co., 467 O'Farrell St.
Ornamental Iron—Monarch Iron Wks. 262 Seventh St.

Contract Awarded

ALTERATIONS Cost, $2,850
SAN FRANCISCO. 140 New Montgomery Street.
Alterations to cafeteria.
Owner—Pacific Telephone & Telegraph Co., 444 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, Inc., 225 Bush Street.

Contract Awarded

OFFICES Cost, $5,000
BERKELEY, Alameda Co., Calif. 740 Ashby Avenue.
One-story frame office building.
Owner—American Forge Co., Fourth and Ashby Ave., Berkeley.
Engineer—K. Theill, 580 Market St., San Francisco.
Contractor—Schnoor Bros. 6016 Claremont Ave., Berkeley.

PREPARING PLANS

COOLIDGE, Ariz.—Architects Wallingford & Bell, Heard Bldg., Phoenix, are preparing working drawings for a new school building to be built in Coolidge for the Coolidge Union High School District. It will be a two-story, masonry structure, containing ten classrooms, auditorium, gymnasium and shower and locker rooms. Cost $104,325.

Plumbing, Heating and Ventilating Contracts Awarded.

ALTERATIONS Cost, $15,000
SAN FRANCISCO. No. 111 Sutter St.
Alterations to ground floor of Tunter-Dulin Bldg. (Interior alterations, electrical work, plumbing, painting, plastering and floor covering)
Owner—Dean Witter & Co., 486 California Street.
Architect—Kent & Hass, 525 Market Street.
Plumbing, Heating and Ventilating—O'Mara & Stewart, Ltd., 218 Clara Street.
Other awards previously reported.

Contract Awarded.

ALTERATIONS, ETC. Cost, $35,000
STOCKTON, San Joaquin Co., Calif. Weber Ave. and San Joaquin St.
Alterations and additions to five-story store and office building; stors on ground floor (work involves painting, decorating, install new elevators, law new linoleum, venetian blindts, terra cotta entrance, etc.
Owner—Belding Estate.
Architect—Not Given.
Contractor — Dinwiddie Conser. Co., Crocker Bldg., San Francisco.

Contract Awarded

STORE Cost, $2,000
DUNSMUIR, Siskiyou Co., Cal. 715 Florence Avenue.
One - story reinforced concrete store building.
Owner—W. G. Hume, Dunsmuir.
Plans by W. E. Rushing ,Dunsmuir.
Contractor—L. Cosentino, Dunsmuir.

Plans Being Prepared.

ALTERATIONS, ETC. Cost, $100,000
STOCKTON, San Joaquin Co., Calif NW California and Weber Sts.
Alterations and additions to store.
Owner—Katten & Marengo, 535 East Main St., Stockton.
Plans by O. H. Chain, 41 S. Sutter St., Stockton.

Bids Opened.

ACOUSTICAL WORK Cost, $——
SACRAMENTO, Sacramento Co., Cal. State Capitol Building.
Acoustical treatment in Senate Chamber of State Capitol.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Western Asbestos Co., 675 Townsend St., San Francisco, at $2750 submitted only bid.

Bids Opened.

BUILDING Cost, $15,000
SAN JOSE, Santa Clara Co., Calif San Fernando and The Alameda.
One - story Class C brick railway express bulding (composition roofing, concrete floors, steel sash).
Owner — American Railway Express Co., 85 Second St., San Francisco
Plans by Supt. of Buikling, Railway Express Agency, 85 Second St., San Francisco.
Low Bidder—Karl S. Koller, Box 607, Crockett.

Complete bids follow:

Karl S. Koller, Crockett	$17,310
M. E. Vukicevich, S. F.	17,431
J. D. Carlsen, San Jose	18,691
N. J. Nielsen, San Jose	19,400
Carl N. Swenson, San Jose	19,600
Megna & Newell, San Jose	21,739

Bids held under advisement.

Plastering and Cast Cement Contract Awarded.

ALTERATIONS Cont. Price, $53,152
SAN JOSE, Santa Clara Co., Calif. North First and Santa Clara Sts.
Alterations to present 3-story structure (third floor to be removed; new store front; new floors, plaster walls, wiring, plumbing, modernize elevator, etc.)
Owner—Estate of James D. Phelan, 603 Phelan Bldg., San Francisco.
Architect — Wm. I. Garren, 233 P St., San Francisco.
Contractor—Wm. M. Caldwell, 1 Hedding St., San Jose.
Plastering and Cast Cement — W. Newman, 1423 Glen Una Way, S Jose, $4833.

As previously reported, plumbi and heating awarded to I. D. Ch bourne, 424 Dewey Blvd., San Fr cisco.

Bids In.

ALTERATIONS Cost, $25,
SAN FRANCISCO. Kearny Street a Maiden Lane.
Alterations to department store bl
Owner—Weinstein Co. (Isadore We stein, President).
Architect — Hyman & Appleton, Post St., San Francisco.

Announcement will be made wit a few days.

Contract Awarded

ALTERATIONS Cost, $5,
SAN FRANCISCO NW Powell O'Farrell Streets.
Alterations to restaurant.
Owner—J. J. Haviside, Olympic Cl
Architect—Not Given.
Contractor—Fink & Schindler 552 Brannan Street.

Contract Awarded

ALTERATIONS Cost, $15,
SAN FRANCISCO. SE Market Annie Streets.
Alterations for offices.
Owner—Palace Hotel Company.
Architect—Bliss & Fairweather, B boa Building.
Lessee — International Mercantile rine.
Contractor—H. S. Meinberger, 956 F som Street.

To Be Done By Day's Work.

ALTERATIONS Cost, $8
SAN FRANCISCO. W Tenth St. Jessie Street.
Alterations to Class C building.
Owner—E. D. Swift, 65 10th Stre San Francisco.
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $3
SAN FRANCISCO. No. 26 Califor Street.
Alterations to restaurant.
Owner—Lee Eckles, 22 California S San Francisco.
Architect—Not Given.
Contractor—John Oshanna, 231 Ste ens St., San Francisco.

Contract Awarded.

STORE Cost, $14,
SELMA, Fresno Co., Cal.
One-story store building.
Owner—George Khatchadourian, 2 C St., Selma.
Architect—W. D. Coates, Row Bldg., Fresno.
Contractor—L. C. Nelson, Selma.

Contracts Awarded.

ALTERATIONS Cost, $18,
SAN FRANCISCO. 576 Mission St.
Alterations and reconstruction of fi story reinforced concrete build (The Pond Building).
Owner—Samuel Pond.
Engineer—W. Adrian, 417 Market
Contractor—L. A. Hinson, 756 Fou Avenue.
Steel—Schrader Iron Works, 1247 H rison Street.

Contract Awarded

STORE Cost, $10
STOCKTON, San Joaquin Co., C 1336 E. Miner Avenue.
One-story brick store building.
Owner—A. R. Devincenzi, 2014 Pac Ave., Stockton.
Architect—Not Given.

Contractor—E. Merlo, Moering's Lane Stockton.

PREPARING PLANS

LOS ANGELES, Cal.—John Victor Mackay, Architect, and Hiram J. Hamer, 713 S. Fairfax Ave., are preparing plans for a two-story reinforced concrete and brick French Provincial type building to be built on Wilshire Blvd. near Fairfax Ave. for F. Hughes. The structure will contain ten apartments, four stores, tavern and offices. Cost, $75,000

17— THEATRES

Plans Being Completed.

ALTERATIONS Cost, $14,000
ROSEVILLE, Placer Co., Cal. Main Street.
Alterations and additions to theatre (work involves interior and exterior alterations; new stage equipment, drapes, curtains, electrical equipment, new carpets, seats, projection room and projection equipment, new wiring, etc.)
Owner—Harvey W. Smith, Roseville.
Architect—Harry Devine, California State Life Bldg., Sacramento.
Bids will be asked in about two weeks.

PLANS BEING FIGURED — BIDS CLOSE AUGUST 12

COMPTON, Los Angeles Co., Cal.—Architect S. Charles Lee, 2404 W. 7th St., Los Angeles, is taking bids for a theatre and store building to be built on Long Beach Blvd., north of Compton Blvd., Compton, for Albert Hansen. It will have a seating capacity of 1000 and will be of reinforced concrete construction, composition roofing, plate glass, structural steel, concrete floors, washed air system of ventilating, steel sash, metal doors, acoustical treatment, terrazzo entrance, toilets, etc.

Plans Being Prepared.

THEATRE Cost, $——
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Memorial Theatre for Stanford University.
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown, Jr., 251 Kearny St., San Francisco.

Preparing Preliminary Plans.

THEATRE Cost, $25,000
BRENTWOOD, Contra Costa Co., Cal. New theatre building (to seat 600).
Owner — Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Further details will be announced shortly.

18—WHARVES & DOCKS

BIDS REJECTED

SAN FRANCISCO—State Board of Harbor Commissioners rejected all bids for re-roofing Piers 17, 33 and 26, August 1. Due to an error in the given areas all bids were rejected and new bids will be asked shortly.

NEW BIDS WANTED

SAN FRANCISCO.—Until August 15 2 P. M., new bids will be received by State Board of Harbor Commissioners, Ferry Bldg., for reroofing the following piers. Frank G. White, Ferry Bldg., Engineer:
(1) 840 squares mineral surface roofing on Pier 17;
(2) 930 squares asphalt gravel roofing on Pier 33;
(3) 212 squares do on Pier 26.

Plans and specifications may be obtained from above office upon deposit of $10.00.

19—MISC. CONSTRUCTION

Bids Opened.

NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Low bids follow:
General Work—Frank J. Reilly, San Francisco, $76,231.
Mechanical Work—Scott Company, S. F., $22,170.
Electrical Work—Spencer Electric Co. Oakland, $2,709.00.
Equipment—Trask & Squires, S. F., $1,642.70.
Alternate proposals included in the bids were as follows:
(1) Deduct for omitting balcony;
(2) Add for underwater lighting;
(3) Add for laundry equipment;
(4) Add for neon lighting;
(5) Add for front terrace and fence;
(6) Deduct for omitting membrane on inner shell;
(7) Add for center tier of lockers in men's dressing room;
(8) Deduct for substituting bromination in place of chlorinator;
(9) Deduct for gas burner instead of oil;
(10) Deduct for wood frame dressing rooms;
(11) Add for tile scum gutter;
(12) Deduct for omitting glass brick.

Complete bids follow:

General Work

(A) Frank J. Reilly, San Francisco, $76,231.
(1) $2,400;
(2) 255;
(5) 1,595;
(6) 2,150;
(7) 125;
(10) 1,000;
(11) 500;
(12) 600.

(B) F. C. Amoroso & Sons, San Francisco, $77,740:
(1) $1,700;
(2) .....;
(5) 1,600;
(6) 2,300;
(7) .....;
(10) 1,800;
(11) .....;
(12) 800;

(C) DeLucca & Son, Inc, San Francisco, $79,706:
(1) $2,700;
(2) 250;
(5) 1,800;
(6) 2,400;
(7) 165;
(10) 1,050;
(11) 230;
(12) 825.

(D) Geo. Petersen, San Leandro, $80,000:
(1) $2,800;
(2) .....;
(5) .....;
(6) 2,500;
(7) .....;
(10) 1,700;
(11) .....;
(12) 600.

(E) Fredrickson & Watson, Oakland, $90,000:
(1) $2,700;
(2) 560,
(5) 1,156,
(6) 3,539,
(7) 1,029,
(10) 904,
(11) ,
(12) 898.

Mechanical Work
(Plumbing, Heating and Filtration)

(A) Scott Co., San Francisco $22,170
.....(8) 1,487
.....(9) 894
(B) Schuster & Hudson, Oakland 22,950
.....(8) 1,500
.....(9) 350
(C) F. W. Snook, S. F. 24,370
.....(8) 1,600
.....(9) 600
(D) W. A. Escher 25,395
.....(8) 1,500
.....(9) 200
(E) O'Mara & Stewart, S. F... 25,474
.....(8) 1,300
.....(9) 420
(F) M. J. Reeves Heating Co., San Francisco 26,770
.....(8) 450
.....(9) 1,450
(G) C. T. Doell, Oakland 29,829
.....(8) 1,519
.....(9) 371

Electrical Work

(A) Spencer Elec. Co., Oakland. $2,709
.....(1) 60
.....(2) 910
.....(4) 600
(B) Central Elec. Co., S. F. 2,760
.....(1) 40
.....(2) 750
.....(4) 250
(C) Matson-Seabrooke, Oakland 2,833
.....(1) 65
.....(2) 1,233
.....(4) 300
(D) Scott-Buttner Co., S. F. 2,853
.....(1) 61
.....(2) 1,162
.....(4) 265
(E) NePage-McKenny, S F. 2,990
.....(1) 45
.....(2) 880
.....(4) 620
(F) Paragon Elec. Co., S. F. 3,220
.....(1) 60
.....(2) 1,153
.....(3) 250

Equipment

(A) Trask & Squires, S F. $1,642.70
.....(3) 1,406.00
.....(7) 879.21

Bids taken under advisement until August 14.

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until August 19, 11 A. M., bids will be received by F. E. Smith, Clerk, Kern County Board of Supervisors, for construction of bleachers for the Junior diamond at the Fair Grounds, Bakersfield.

BIDS OPENED

SAN FRANCISCO. — San Francisco Elevator Co., 860 Folsom Street, at $544.90 submitted low bid to Department of Public Works for repairing two automatic passenger elevators at the Juvenile Detention Home. Work includes installation of a new 6x9 governor rope to replace present obsolete tiller, a new type "O" releasing carrier, new bronze channel gate, together with necessary gate track and dismantling elevator machine and rebabbiting with copper hard bearing metal the outboard drum bearing and gear case bearings.
Complete bids follow:
San Francisco Elevator Co. $544.90
Otis Elevator Co. 604.88
Westinghouse Electric Elev. Co. 611.20
Bids held under advisement.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until August 13, 2 P. M. bids will be re-

Engineer, Department of Public W'ks ceived by John H. Skeggs, District Division of Highways, 500 Sansome Street, San Francisco, for the sale of various buildings located in Oakland and Berkeley. Following structures to be sold:

Item Moss 37A: Southeast corner of 38th and Grove Sts., Oakland. Service station building and canopy covering 300 square feet. Available Aug 20, 1935.

Item Moss 37B: Southeast corner of 38th and Grove Sts., Oakland. Three Tokheim Visible Hand Pumps, three Wayne Visible Pumps, one Big Bear Auto Lift, six buried gasoline tanks 550 gals. each. Available Aug. 20.

Item Moss 30: 443 Moss Ave., Oakland. Eight room two story frame dwelling with 2300 sq. ft. floor space. Available Aug. 15.

Item A-276: 926 Cypress St., Oakland. Six room and basement frame dwelling with 1620 sq. ft. floor space. Available August 15.

Item B-176: 3732 Linden St., Oakland. Five room and basement frame dwelling with 1150 sq. ft. floor space. Garage 470 sq. ft. Available Aug. 15.

Item C-22: 732 Murray St., Berkeley. Five room frame dwelling with 700 sq. ft. floor space. Garage 150 sq. ft. Shed 460 sq. ft. Available Aug. 20.

Item C-25: 812 Murray St., Berkeley. Five room frame dwelling with 880 sq. ft. floor space. Barn 240 sq. ft. Available Aug. 20.

Item C-32: 879 Murray St., Berkeley. Six room, two-story frame dwelling with 1200 sq. ft. floor space. Shed 420 sq. ft. Available Aug. 25.

Bidders may make offers for one or more complete items, as is, and where is, but must state the price offered for each using the above item and street numbers to identify each bid.

Bids should be addressed to Jno. H. Skeggs, District Engineer, Division of Highways, 500 Sansome St., San Francisco, Calif., in sealed envelopes plainly marked "Bids for Buildings to be Opened 2:00 P. M., on Aug. 13th, 1935." *

Plans Being Figured—Bids Close Aug. 16th.

MORTUARY Cost, $——
MODESTO, Stanislaus Co., Cal. Sixteenth and I Streets.
Two-story and basement wood frame, concrete and tile mortuary (sixteen rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley. *

BIDS OPENED

BOULDER CITY, Nev. — Bids received by U. S. Bureau of Reclamation, Denver, August 2, under Spec. No. 634 for furnishing structural steel transmission towers and switchyard structures for circuits Nos. 2, 4 and 5 at the Boulder Power Plant, as follows:

Worden-Allen Co., Milwaukee, Wis., (fob point) Boulder City; (weight) $1,381,939; (bid) $76,583.

American Bridge Co., Pittsburgh, Pa.: Boulder City; 1,270,000 lbs.; $69,218.00.

Mississippi Valley Structural Steel Co., Melrose Park, Ill.: Melrose Park; 1,483,900 lbs.; $60,438.00.

International Stacey Corp., Columbus, Ohio: Torrance, Cal.; 1,297,250 lbs.; $62,735.00.

McClintic - Marshall Corp., Bethlehem, Pa.: Leetsdale, Pa.; 1,300,500 lbs.; $57,250.00.

Blaw - Knox Co., Pittsburgh, Pa.: Blaw Knox, Pa.: 1,274,000; $62,100.00.

Blaw - Knox Co., Pittsburgh, Pa.: Boulder City; 1,274,000; $75,040.00.

Emsco Derrick & Equipment Co., Los Angeles: Boulder City; 1,284,868 lbs.; $77,347.13.

Consolidated Steel Corp., Los Angeles; Los Angeles; 1,290,844 pounds; $74,321.00.

LOW BIDDERS

RIVERSIDE COUNTY, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $7469.25 submitted low bid to the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing and erecting steel structures for the Berdoo aggregate plant, Spec. No. 117. The site of the work is near Berdoo camp, and approximately 10 miles northwest of Indio, Riverside County. The work to be contracted for comprises the furnishing and erecting of steel structures, steel bins, chutes, etc., for the Berdoo concrete aggregate plant.

Pacific Iron & Steel Co., Ltd., Los Angeles, at $8494, and the A. J. Bayer Co., Los Angeles, at $8771 submitted second and third low bids, respectively. *

CONTRACTS AWARDED

FRESNO, Cal.—Contracts for furnishing lumber, millwork, roofing and felt for construction of CCC Camp buildings under Bid No. W-5905-36-5, have been awarded by Lieutenant G. T. Stump, Purchasing and Contracting Officer, Fresno District CCC, as follows:

Lumber—Swastika Lumber Co., 100 O St., Fresno, $513.57.
Millwork—Valley Lumber Co., P. O. Box 1341, Fresno, $99.53.
Roofing—Zellerbach Paper Co., H and Kern Sts., Fresno, $436.53.

Bids were opened August 1. *

Plans Being Completed.

LIVESTOCK BLDG. $699,000 1st unit
SAN MATEO COUNTY, Cal. Visitacian Valley. South McLaren Park (54 acre tract).
One-story reinforced concrete livestock building (steel trusses) 1st unit consists of main horse show stalls to accommodate animals, etc.
Owner — San Francisco - San Mateo Agricultural District.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

The total cost of the proposed building is $1,500,000. The second unit will consist of the grand stand to seat 15,000 etc.

Bids will be asked about October 1 or 15.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until August 13, 10 A. M., bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for furnishing and erecting steel structures for the Fan Hill batching plant, in accordance with Specifications No. 118, copies of which may be obtained at the office of the district, Room 1007, 306 W. 3rd St., Los Angeles, upon payment of $2.00 per set, not returnable. The site of the work is at Fan Hill, approximately 20 miles northwest of Indio, Riverside County. The work to be contracted for comprises the furnishing and erecting of steel batching plant structures, steel bins, chutes, etc., for the Fan Hill concrete aggregate plant. No proposal will be considered for less than the whole of the work. Each proposal must be accompanied by a certified or cashier's check for $500, said check to be made payable to the Metropolitan Water District of Southern California.

F. E. Weymouth, General Manager and Chief Engineer.

BIDS OPENED

PORTLAND, Ore.—Lake Washington Shipyards, Houghton, Wash., at $177,000 submitted low bid to the U. S. Engineer Office, 1st Portland District, 306 Customhouse, Portland, July 30, under Bid No. 698-36-17, for constructing and delivering afloat at Government Moorings, No. 8010 NW St. Helens Road, Portland, one single screw Diesel electric - driven survey boat.

Complete bids follow:

Lake Washington Shipyards, Houghton	$177,000
Moore Dry Dock Co., Oakland	179,943
General Eng. & Dry Dock Co., Oakland	186,564
Lake Union Dry Dock & Machine Works, Seattle	198,838
Los Angeles Shipbuilding and Drydock Corp., San Pedro	201,400
Commercial Iron Works, Portland	267,644
Engineer's estimate	195,000

To Be Done By Day's Work.

LAVATORIES Cost, $2500
SAN FRANCISCO. E Great Highway 260 S Balboa Street.
Frame lavatories.
Owner—Whitney Bros., 4800 Cabrillo St., San Francisco.
Architect—Not Given.

CONTRACT AWARDED

BAKERSFIELD, Kern Co., Cal.—Rexroth & Rexroth, Bakersfield, at $1480 awarded contract by Kern County Board of Supervisors for constructing concession stand at Kern County Fair Grounds.

Planned.

ALTERATIONS Cost, $20,000
MADERA, Madera Co., Calif. East Yosemite Avenue.
Alterations for mortuary (chapel to seat 200, display room, tiled embalming room, etc.)
Owner—Mrs. Anna E. Bentley, Madera.
Architect—Not Given.

CONTRACT AWARDED

SAN DIEGO, Calif.—V. R. Dennis Const. Co., 3911 Fifth Ave., San Diego, at $11,590 awarded contract by Public Works Officer, 11th Naval District, San Diego, for constructing a concrete wall for runway at the Naval Operating Base (Air Station) under Spec. No. 8036.

Sub-Contracts Awarded.

MAUSOLUEM Cost, $35,000
SAN JOSE, Santa Clara Co., Calif. Monterey Road.
Reinforced concrete mausoleum (marble & bronze interior) 250 crypts.
Owner—Oak Hill Mausoleum Assn., Monterey Road, San Jose.
Architect—Binder and Curtis, 35 W San Carlos St., San Jose.
Contractor—H. A. Bridges, 1398 Lincoln Ave., San Jose.
Roofing—Bush Roofing So., 750 Stockton Avenue.
Plumbing—Mark Cox, Alviso Road.
Sheet Metal—Henry Eitzert, 748 Th Alameda.
Concrete—H. A. Bridges, 1398 Lincoln Avenue.
Reinforcing Steel—San Jose Steel Co. 1010 N 13th Street.
Hollow Tile—Frank Filben, 1140 Martin Street.
Structural Steel — R. Helwig's Iron Works, 407 Vine Street.
Glass—Le Deit Glass Co., 762 Lenzen Avenue.
Lumber—Southern Lumber Co., 140 South First Street.
Iron Grille Work—Axford Art Bronze Mfg. Co., University Avenue and Chestnut.
Painting—R. H. Peterson, 1374 Everett Avenue.
Grading—E. Kebel.
All of San Jose. *

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION BUREAU

OGDEN, Utah.—Until August 26, 2 P. M., bids will be received by U. S. Bureau of Reclamation, Customhouse, Denver, under Spec. No. 712-D for furnishing three 17-foot by 17-foot radial gates; and miscellaneous metalwork, consisting of one spiral stairway, three sets of angle post mountings and two roof ventilators for installation in the spillway and outlet works of the Pine View Dam, Ogden River project, Utah.

No charge for specifications to prospective bona fide bidders; to others, $1.50, not returnable. Address requests to S. O. Harper, Acting Chief Engineer, Denver.

OGDEN, Utah.—Until August 29, 2 P. M., bids will be received by U. S. Bureau of Reclamation, Customhouse, Denver, under Spec. No. 714-D for furnishing three motor-driven, double drum, radial gate hoists; two 4x5-ft. and one 5x6-ft. high pressure gates, together with hydraulic hoists, gate hangers, conduit lining sections and conduit lining transitions; and two remote gate-position indicators for installation in the spillway and outlet works at the Pine View Dam, Ogden River project, Utah.

No charge for specifications to prospective bona fide bidders; to others, $5.00, not returnable. Address requests to Chief Engineer R. F. Walter, Denver

RYE PATCH, Nev.—Until Aug. 28, 2 P. M., bids will be received by U. S. Bureau of Reclamation, Customhouse, Denver, under Spec. No. 713-D for furnishing five power-driven, double-drum, radial-gate hoists with one portable gasoline engine drive unit; and four 3-ft. 6-in. by 3-ft. 6-in. high-pressure gates, together with frames, hoists and semi-automatic gate hangers, hydraulic gate hangers, conduit linings, and conduit lining transitions for installation in spillway and outlet works of the Rye Patch Dam, Humboldt Project, Nevada.

No charge for specifications to prospective bona fide bidders; to others, $3.50, not returnable. Address requests to Chief Engineer R. F. Walter, Denver

BOULDER CITY, Nev.—Until Aug. 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 711-D, for furnishing and delivering fob cars at the shipping point or at Boulder City, two bulkhead gate lifting frames, one trash-rack lifting frame and installation equipment for installing cylinder gate hoist stems and stem guides for operation in the intake towers at Boulder Dam, Boulder Canyon Project. All materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.50, not returnable.

RICHMOND SCHOOL DIST.

RICHMOND, Contra Costa Co., Cal.—Until August 17, 10 A. M., bids will be received by the Richmond Union School District for furnishing rock, sand and gravel for the reconstruction of the Roosevelt School auditorium. Previous bids received were rejected, identical prices being submitted by the local companies

SAN FRANCISCO CITY

SAN FRANCISCO—Until August 12, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1426, for furnishing 4000 ft. 1½-in. cotton, rubber lined, fire hose for the S. F. Fire Department.

Specifications obtainable from the above office.

SAN FRANCISCO—Until August 12, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1423, for furnishing one motorized street sweeper.

Specifications obtainable from the above office.

SAN FRANCISCO—Until August 16, 3 P. M., bids will be received by T. A. Brooks, Purchasing Agent, Room 270, City Hall, under Bid No. 1420, for furnishing paint, painters' supplies and glass for the term: September 7, 1935 to Desember 31, 1935.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until August 12, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, Panama Canal, Washington, D. C., under Schedule No. 3077 for furnishing miscellaneous supplies and equipment, including:

Copper-covered steel tubing, dredge chain, tie plates, switch stands, asbestos pipe covering, motor truck, band saw, hack saw, upright drill, disc sander, pipe fittings, clay sewer pipe, asbestos roofing and felt, corkboard, fire brick, pig lead, ferrotitanium, quicksand, foundry nails, sash fasteners, barrel and chain bolts, hinges, door hooks, hooks and eyes, tool handles, paint brushes, sash tool brushes, dauber brushers, wire brushes, gloves (horsehide, canvas and asbestos), water coolers, lumber (pine, cypress and maple), and creosoted timbers.

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

WAR DEPARTMENT

FORT MASON, Cal.—Until August 15, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-23, Req. 25, Memo 7231, for furnishing miscellaneous hardware, including socket wrench handles, cross bars, carbon scrapers, box wrenches, adjustable wrenches, socket wrenches, files, pipe wrenches, pliers, punches, screw drivers, clothes lockers, etc.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Cal.—Until August 12, 2 P. M., bids will be received by H. R. Marsh, assistant supply officer, U. S. Forest Service, Government Island, for furnishing one 30-foot steel lookout tower, complete with all structural steel, bolts and miscellaneous steel portions fob King City.

Specifications obtainable from Regional Engineer, U. S. Forest Service, 760 Market St., San Francisco.

TULARE COUNTY

VISALIA, Tulare Co., Cal.—Until August 19, 5 P. M., (to be opened at 7:30), bids will be received by Visalia City Council, Kathleen H. Sim, City Clerk, for furnishing:

(1) 300 lin. ft. 2½-in. double jacket fire hose, coupled;
(2) 100 lin. ft. 1½-in. double jacket fire hose, coupled.

TRAVER, Tulare Co., Calif.—Until August 16, 8 P. M., bids will be received by J. P. Lilly, Clerk of the Traver Joint School District of Tulare and Kings Counties, for furnishing one school bus, steel body, dual rear wheels, 30- to 36-passenger capacity.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by Bureau of Supplies and Accounts, Navy Dept., Washington, D. C., for supplies for Mare Island Navy Yard as follows:

CHAIN HOISTS, ten ½-ton and ten 2-ton; Schedule 5681. Bids Aug. 20.
ELECTRIC DRILLS, portable, 7; Schedule 5680. Bids August 16.
STORAGE BATTERIES, 100 & spare parts; Schedule 5699. Bids Aug. 23.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Aug. 21, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing and fabricating steel water stops for construction and dummy joints in 16-ft. cut-and-cover conduit and modified conduit, in accordance with Spec. No. 119. Copies of the specifications may be obtained at Room 1007, 306 W. 3rd St., Los Angeles, upon payment of $2 per set, not returnable. Certified or cashier's check, 10%. F. E. Weymouth, General Manager and Chief Engineer.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until August 22, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing miscellaneous items of iron and steel, including galvanized steel ladder rungs, cast iron and fabricated steel manhole frames and covers, valve assemblies, cast iron pipe, casings, and fittings, and wrought iron pipe, in accordance with specifications No. 120 copies of which may be obtained at Room 1007, 306 W 3rd St., Los Angeles, upon payment of $2 per set. F. E. Weymouth, general manager and chief engineer.

KERN COUNTY

BAKERSFIELD, Kern Co., Cal.—Until August 16, 6 P. M. (to be opened at 7 P. M.), bids will be received by the Board of Trustees of the Fairfax School District, F. M. Sterling, Clerk, Route 5, Box 350, Bakersfield, for furnishing one school bus.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

DOUGLAS COUNTY, Ore.—Averill & Philpott, Route 10, Portland, at $23,778.65 awarded contract by Bureau of Public Roads, 316 New Post Office Bldg., Portland, for construction of a continuous steel beam bridge over Elk Creek and grading approaches. Work is located in Umpqua National Forest, on the Tiller Trail Highway, Project 16-E3.

PLANS ORDERED

SAN BENITO COUNTY, Cal.—Bd. of Supervisors has directed County Surveyor to submit plans and specifications for the construction of three bridges to the board at its regular meeting August 5, 2:00 P. M., in Hollister. The bridges are to be located over Dos Picachos Creek, one near the Dooling Ranch and one near the Jarvis place and over Los Viboras Creek on the Comstock road.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until August 13, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for painting 3 bridges over the Mattole River in Road District No. 1, Humboldt Co.

Specifications obtainable from County Surveyor Frank Kelly.

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until August 13, 2 P. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for furnishing Court House, Eureka, for the construction of new bridge at Cummings Rancho, and rebuilding approach and reflooring steel bridge over the Mattole River near Petrolia in Road District No. 1. Est. cost, $3,800.

Plans and specifications obtainable from County Surveyor Frank Kelly.

BIDS WANTED

HUMBOLDT CO., Cal.—Until Aug. 13, 2 P. M., bids will be received by Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for constructing a suspension cable bridge 1016-ft. in length across the Eel River at Fort Seward in Road District No. 2.

The work involves:
(1) 8 2-in. cables, 570-ft.;
(2) 103 M.ft.B.M. timber;
(3) 60 tons steel trusses.

Plans and specifications obtainable from County Surveyor Frank Kelly, Eureka.

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until August 15, 5 P. M., bids will be received by Stanley Kelly, Purchasing Agent of San Mateo County, Redwood City, for construction of the Lobitos Creek crossing on Lobitos Road, 7.2 miles south of Half Moon Bay.

Alternate proposal will be received as follows:
(1) Furnishing materials and constructing timber trestle bridge on concrete piles.
(2) Constructing a reinforced concrete box culvert and constructing on earthfill embankment in lieu of the timber trestle.

Plans and specifications on file at the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

WILLAMETTE RIVER, Ore.—Kern & Kibbe, 42 SE Salmon St., Portland at $80,993 awarded contract by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, under Bid No. 698-36-20, for bank clearing, bar clearing, grading of river bank, and constructing approximately 22,635 l.f. of protective gravel fill, all along the Willamette River, between Eugene and Harrisburg.

COMPLETE BID LISTING

OREGON-WASHINGTON — F. J. Kernan, Portland, and the Brookfield Co., Astoria, bidding jointly, at $395,178, as previously reported, submitted low bid to the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, Major C. F. Williams, District Engineer, July 30, under Bid No. 694-36-22, for channel improvements in the Columbia River, Oregon and Washington, from Celilo Falls to Wallula. The work consists of excavating a channel at least 7 feet deep and 150 feet wide at low water through the shoals and rapids mentioned herein, except through the stretch of Devil Bend Rapids between 84.4 and mile 84.8 where the channel shall be excavated to a depth of 5 feet and disposal of excavated material involving:
(1) 31,600 cu. yds. place measurement rock excavation;
(2) 73,000 cu. yds. do gravel excavation.

Complete bids follow:
F. J. Kernan, Portland, and Brookfield Co., Astoria, $395,178.
Siems-Helmers, Inc., St. Paul Minn., $424,720.
Puget Sound Bridge & Dredging Co., Seattle,$452,200.
Malcom & Bell, Portland, $598,100.
Engineer's Estimate, $359,425.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SAN DIEGO, Cal.—Chas. and F. V. Steffgen, 2015 Bay Front St., San Diego, at $11,840, or 37c per c.y., submitted low bid to the Public Work Officer, 11th Naval District, San Dieg July 30, for dredging continuous runway to final assembly shop at th Naval Operating Base (Air Statio San Diego; Spec. No. 8037. The wor consists of the dredging of an are continuous to runway to final a sembly shop. Amount to be dredge including allowable overdepth is 32 000 cu. yds., more or less, within 25 Frank Doran, San Diego, submitte the only other bid at 43c c.y.

AWARD RECOMMENDED

LOS ANGELES, Cal.—Award of contract to Rohl-Connolly Co., 43 Alhambra Ave., Los Angeles, at $82 564 for constructing a composite typ breakwater approximately 2000 fe long in Los Angeles-Long Beach ou er harbors has been recommended b Capt. Theodore Wyman, Jr., U. Engineer, Los Angeles

BIDS OPENED

SAN DIEGO, Cal.—Hydraulic Dredging Co., Ltd., Central Bank Buildin Oakland, at $1,216,934 submitted lo bid to U. S. Engineer, 751 S. Figuer St., Los Angeles, for dredging abo 13,910,000 cubic yards of material San Diego bay; constructing a retaining dike and making a fill of th dredged material; and for excavatio of about 6,000 cubic yards of materi to provide for an outlet ditch fro Whaler's Bight to the Pacific Ocea

Complete bids follow:
(A) Hydraulic Dredging Co., Ltd., Oakland $1,216,9
(B) Standard Dredging Co., Los Angeles 1,237,2
(C) San Francsico Bridge Co. San Francisco 1,260,0
(D) Puget Sound Bridge and Dredging Co., Seattle 1,427,2
Engineer's estimate 1,040,5

BIDS OPENED

ASH ISLAND BAR, Ore. — Paci Building Materials Co., 200 N. Thomson St., Portland, Ore., at $0.19 a c yd., total $13,870, submitted low b to the U. S. Engineer, First Portla District, 306 Customhouse, Portlan Major Milo P. Fox, District Engine for dredging a channel about 4200 long 150 ft. wide and 3½ ft. deep low water in the Willamette River Ash Island Bar, about 52 miles abo the mouth of the river.

The work involves about 73,000 c yds. dredging and disposing of mat rial.

Following bids were received:
Pacific Building Materials Co., Por land (unit price) $0.19; (total) $13,8
Saxton & Looney, Portland. $0.2 $18,177.
Tacoma Dredging Co., Tacoma. $. $21,900.
Engineer's estimate: $.29375; $2 443.75.

BIDS WANTED

SAN DIEGO, Cal.—Until Aug. 11 A. M., bids will be received by t Public Works Officer, 11th Na District, San Diego, for extension Quay Wall at the Naval Operati Base (Destroyer Base), San Die Spec. 8059. The quay wall extensi will be approximately 170 feet lo and includes reinforced concrete pi

sheet piles, reinforced concrete untreated timber bearing piles timber platform, creosoted fender stem, cast iron bollard, cast iron lights and miscellaneous steel and ob work. If bidding data is desired contractors should forward to Public Works Officer, headquarters, 11th Naval District, foot of Broadway, San Diego, a check or postal money order for $10 payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications. Data will also be mailed for bidding purposes. Capt.-Comdr. J. C. Gebhard, Public Works Officer.

BIDS WANTED

OREGON-WASHINGTON. — Until August 13, 3 P. M., new bids will be received by U. S. Engineer, Second Portland District, Major C. F. Williams, 627 Pittock Block, Portland, for channel improvements in Columbia River from Celilo Falls to Wallula. The work involves:

31,000 c.y. rock excavation;
73,000 c.y. gravel excavation.

Bids received July 30 for the same work have been rejected. Low bid was submitted by F. J. Kernan, Portland, and the Brookfield Co., Astoria, bidding jointly at $395,178.

LOW BIDDERS

COCO SOLO, C. Z.—Tucker McClure Co., P. O. Box 5035, Cristobal, C. Z., for $32,980 submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 8013 for constructing an extension to earth-filled steel sheet pile pier with timber fender system, including concrete curbs, service piping and fittings at the Naval Submarine Base, Coco Solo.

Second low bid submitted by Centner Const. Co., New York City, $39,-[illegible]

2—MACHINERY AND EQUIPMENT

BIDS WANTED

SACRAMENTO, Cal.—Until August 23 3 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Sacramento, Capt. A. S. Ackerman, District Engineer, under Proposal No. 1105-36-19, for furnishing & operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers, and tributary channels.

Estimated time requirements are:
Schedule I, 1250 hours.
Schedule II, 139 hours.
Specifications obtainable from the above office.

ESCALON, San Joaquin Co., Cal.—Jensen's, 609 Tenth St., Modesto, at $8[illegible] awarded contract by Escalon Sanitary District for furnishing one vertical motor and sewage pump of the non-clogging type.

Following bids received July 19:

Jensen's, Modesto	$506
Sterling Pump Co., Stockton	725
Aurora Pump Co., Modesto	746
Imball Krogh Pump Co., L. A.	838

BIDS OPENED

STOCKTON, San Joaquin Co., Cal. Identical bids received at $4,000 by State Purchasing Agent, Sacramento, under Quotation 3089, Req. 8963, for furnishing one 10-ft. dual drive, power control motor-grader for delivery to Division of Highways, Shop 10, Stockton, from the following:

Denison Machinery Co., San Francisco, Galion; Weaver Rye Co., Sacramento, Caterpillar Auto Patrol No. 1; Edward R. Bacon, San Francisco, Vohr Q4; Austin Western Road Machinery Co., San Francisco, Model 72 Junior Austin, for wide front axle, add $70, for wide front axle with leaning front wheels and 36/6 tires add $186, J. D. Adams Co., San Francisco Adams No. 301. Terms 2% 10 days.

BIDS OPENED

LOS ANGELES, Cal. Bids for furnishing one or two 1½-cu yd. capacity power shovels with Caterpillar Diesel D-11,000 or D-13,000 engines under Specifications No. 9581 were opened by H. E. Russell, Los Angeles Spring St., July 10. The bids follow:

Harnischfeger Sales Corp. (Model 700-B); D-13,000 engine, $20,402 each. For D-11,000 engine deduct $90. Discount $370.80 each machine 30 days. 14 day delivery.

Osgood Company (Victor No. 5) with D-13000 engine, $18,125; with D-11,000 engine, $17,625. Terms net 30 days. Deliveries: 1 machine in 28 days; second machine in 42 days.

Crook Company (Thew-Loraine No 77), with D-11,000 engine, $21,503. Terms net 30 days, 2% 15 days, 12 day delivery.

Northwestern Engineering Company (Northwest Model 5) with D-11,000 engine, $19,935 for net cash 35 day delivery or $19,569.70 for net casn 15 day delivery. Alternate: Model 5 with D-13,000 engine, $20,435 for net cash 35 day delivery or $20,059.70 for net cash 15 day delivery. Alternate II: Model 6 with D-11,000 engine, $21,435 for net cash 35 days delivery or $21,-041.80 for net cash 15 day delivery. Alternate III: Model 6 with D-13,000 engine, $21,935 for net cash 35 day delivery or $21,531.80 for net cash 15 day delivery. Shipments from factory at Green Bay, Wis., as follows: First machine in 1 week; 2nd machine in 2 weeks from date or receipt of order.

Harron, Rickard & McCone (Dimensions of boom, track, pads, etc., different from those called for in specifications) with D-13,000 engine complete, f.o.b. Los Angeles, $19,129 for Esseo standard dipper stick, add $371. Terms 2% 10 days. Deliveries: First machine in 5 days; 2nd machine in 8 to 10 days.

Smith Booth Usher Co. (Lima No. 601) with either D-11,000 engine or D-13,000 engine, $19,041.25. Delivery 15 days to Los Angeles. Alternate (Lima No. 502 with D-11,000 engine), $17,001.25. Delivery 3 to 4 weeks to Los Angeles. Terms net, 35 days.

Marion Steam Shovel Co. (Marion Type 351) with D-11,000 engine, $18,-735 net, f.o.b. Marion, Ohio; for D-13,000 engine, add $300 net, f.o.b. Marion, Ohio. Shipping weight 104,-500 lbs. Freight rate from shipping point $1.75 per cwt. Total freight $1830. Shipments: D-11,000 equipment in 10 days; D-13,000 equipment in 4 weeks. Terms, 2%, 15 days.

Harry C. Collins Machinery Co. (Link-Belt Model K-45) with D-11,-000 engine, $21,434. Add $350 for D-13,000 engine; add $642 for optional chain crowd shovel. Terms net, 35 days, 2%, 15 days, f.o.b. Chicago. Alternate; (Link-Belt Model K-44, a discontinued model offered subject to prior sale) with D-11,000 engine, $18,-300. Add $350 for D-13,000 engine. Discount $294, 15 days. Delivery 15 days.

BIDS OPENED

SANTA CRUZ, Santa Cruz Co., Cal.—Cornell Tractor Co., 10 Abbott St., Salinas, at $3724.48, less $624.48 trade-in allowance for used tractor, submitted low bid to Santa Cruz City Council for furnishing one new diesel tractor for the Street Department.

26—— RAILROADS

LOW BIDDER

FORT PECK, Mont. — Morrison-Knudsen Co., Boise, Idaho, at $198,-672.60 submitted low bid to U. S. Engineer, 797 Postal Telegraph Bldg., Kansas City, Mo., for construction of standard gauge railways and trestles on spillway to Fort Peck Dam, about 25 miles southwest of Glasgow.

28 — FIRE EQUIPMENT

BIDS OPENED

SANTA CRUZ, Santa Cruz Co., Cal.—Bids received by Santa Cruz City Council for furnishing pumping engine for Fire Department, including 1000 ft. hose, ladders, flood lights, water tank, etc., as follows:

Ford (A. D. Sgarlato)	$4211.67
Reo-Seagrave	4825.00
White Co. (centrifugal)	5750.00
White Co. (rotary type)	5850.00
Kleiber Motor Co.	5861.00
Pacific Fire Extinguisher	5900.00
General Fire Truck Corp.	6000.00
Reo (Seidlinger-Welborn)	6547.00
La France (Chris Thompson)	6575.00
Mack	6650.00
Ahrens-Fox Co.	9000.00

Bids held under advisement

BIDS WANTED

VISALIA, Tulare Co., Cal.—Until August 19, 5 P. M., (to be opened at 7:30) bids will be received by Visalia City Council, Kathleen H. Sim, City Clerk, for furnishing one 500-gallon pumping engine and hose truck with 200-gallon booster tank for the Fire Department.

29—STREETS AND HIGHWAYS

BIDS OPENED

CHELAN COUNTY, Wash.—Myers & Goulter, 3227 First St., Seattle, at $99,027.75 (metal pipe alternate) submitted low bid to U. S. Bureau of Public Roads, W. H. Lyncr, district engineer, Portland, for grading 1.6 miles of Stevens Pass National Forest Highway, about 3 miles east of Berne, Chelan County, Washington.

Complete bids follow:

Myers & Goulter, Seattle, metal $99,027.75, and concrete, $99,176.25.

C. L. Creelman, Seattle, $103,326.75, and $103,604.75.

Lucich Co., Seattle, $105,947.30, and $106,383.30.

McNutt Bros., Eugene, $106,184.70, and $106,315.70.

James Coyle, Seattle, $109,172.20 and $109,457.20.

Goodfellow Bros., Inc., Coulee Dam, $113,115.35, and $113,171.35.

L. Romano Engr. Corp., Seattle, $114,485.05, and $114,627.55.

Elliott & Co., Inc., Seattle, $114,-736.80, and $115,146.80.

C. E. O'Neal Co., Inc., Stevenson, $115,163.30, and $115,304.80.

Siems-Spokane Co., Spokane, $115,-427.50, and $115,890.

Colonial Constr. Co., Spokane, $116,721.95, and $116,971.95.

A. C. Greenwood Co., Inc., Portland, $117,372.25, and $117,837.25.

Tony Marrazzo, Spokane, $120,223.30 and $120,525.80.

Northwest Constr. Co., Seattle, $121,010.50, and $121,083.

Wilder & Montford, Blaine, $124,-702.30, and $125,001.30.

Guy F. Atkinson, San Francisco, $128,520.80, and $128,950.80.

Geo. F. Price, Dayton, $129,236.40, and $129,586.90.

Alex Besoloff Co., Seattle, $130,-228.23, and $130,117.43.

P. L. Crooks & Co., Inc., Portland, $133,920.40, and $134,275.40.

Halleran Bros., Seattle, $131,436.60, and $135,094.10.

Rumsey & Co., Seattle, $136,411.40, and $136,558.90.

L. Coluccio & Co., Seattle, $137,404, and $137,505.50.

N. A. Degerstram, Spokane, $139,206, and $139,540.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until August 19, 2 P. M., bids will be received by State Division of Highways, S. V. Courtelyou, district engineer, 808 State Bldg., Los Angeles, for about 4.6 miles treating shoulders with liquid asphalt (road-mix) and applying seal coat, between Cerritos Avenue and Mercantile Place, and Ramona Blvd. and Aliso St. and Fickett Street.

The work involves:

(1) 50 tons liquid asphalt, SC-2 (prime coat);
(2) 570 tons liquid asphalt, SC-2;
(3) 47,000 sq .yds. preparing, mixing and shaping shoulders;
(4) 50 tons liquid asphalt, 90-95 (seal coat);
(5) 600 tons screenings (seal coat).

Specifications and proposal forms obtainable from above.

FUNDS ALLOTTED

BENTON FIELD, Alameda Co., Cal.—Allottment of $70,754 in work-relief funds has been made for constructing paved aprons at Benton Field. Work will be done under supervision of Capt. Leander Larsen, constructing quartermaster, Fort Mason, with day-labor.

BID OPENING POSTPONED

TRINITY COUNTY, Calif.—Until August 20, 2 P. M. (date postponed from August 15) bids will be received by State Division of Highways, F. W. Haselwood, district engineer, Redding, for treating with liquid asphalt about 7.9 miles between Manzanita Creek and Helena in Trinity County.

The work involves:

(1) 176 tons liquid asphalt, SC-2;
(2) 25 tons liquid asphalt, SC-4.

Specifications obtainable from above office and on file at the office of the DAILY PACIFIC BUILDER.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal.—C. O. Sparks, 2309 E. Ninth St., Los Angeles, at $14,025 submitted the low bid to the State Division of Highways, District Engineer, San Bernardino, for applying seal coat on about 30.8 miles bet. Barstow and Mountain Pass, San Bernardino County.

The work involves:

(1) 300 tons asphaltic emulsion, 90-95;
(2) 2175 c.y. sand.

The bids were:

	(1)	(2)	(Total)
C. O. Sparks	$25.00	$3.00	$14,025.00
G. Herz & Co.	27.70	2.99	14,813.25
Matich Bros.	24.90	3.49	15,060.75
E. L. Yeager	24.00	4.00	15,900.00
A. S. Vinnell Co.	27.00	4.00	16,800.00
R. E. Hazard	28.00	3.90	16,882.50

CONTRACT AWARDED

LOS ANGELES, Cal.—Osborn Co., 1570 San Pasqual Ave., Pasadena, at $22,074.77 awarded contract by the Los Angeles county board of supervisors for improvement of Santa Anita road in the cities of San Marino and San Gabriel from Longden Ave. to Huntington Drive, about 0.71 mile under Cash Contract No. 478.

BIDS WANTED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal.—Until August 20, 2 P. M., bids will be received by State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for applying about 560 miles of traffic stripe to existing pavement at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

Specifications and proposal forms obtainable at above office.

BIDS WANTED

TULARE COUNTY, Cal.—Until August 23, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, district engineer, 807 Sheldon Bldg., 461 Market Street, San Francisco, for placing a bituminous treated crushed rock base course on Sections D3 and D4 of Route 1, the Generals Highway, Sequoia National Park, and on Section A, General Grant-Sequoia Park Approach Road, Sequoia National Forest, Tulare Co., length of 13.323 miles.

The principal items of work are:

(1) 8,300 c.y. unclass. excav.;
(2) 10,000 c.y. mi. hauling do;
(3) 1,400 c.y. do for structures;
(4) 13.323 mi. fine grading subgrade and shoulders;
(5) 1,600 M. gals. watering;
(6) 25,800 tons crushed rock for bottom layer of base course;
(7) 21,200 tons crushed rock for top layer of base course;
(8) 800 tons of supplemental crushed rock;
(9) 1,237 tons liquid asphaltic road material, Types SC-1A, MC-4 or MC-5 and RC-1;
(10) 5,478 l.f. underdrain in place;
(11) 1,200 c.y. crushed rock or gravel for backfill;
(12) 1,220 sq. yds. backfill seal.

Specifications and proposal forms obtainable at the above office on deposit of $10 per set.

BIDS OPENED

SAN FRANCISCO. — Following bids received by the Department of Public Works under Spec. No. 18,860 for the improvement of Newhall Street between Carroll Ave. and the southerly line of Williams Avenue, where not already improved:

(A) Fay Improvement Co.;
(B) Chas. L. Harney;
(C) MacDonald & Kahn Co., Ltd.;
(D) Eaton & Smith.

Bids were taken as follows:

(1) 732 l.f. armored concrete curb;
(2) 288 l.f. 12-in. VCP sewer in place;
(3) 3 ea. 12x8-in. Y branches in place
(4) 175 l.f. 8-inch VCP side sewers in place;
(5) 2 each brick manholes, complete;
(6) 2 ea. brick catchbasins, complete;
(7) 86 l.f. 10-in. VCP culvert in place
(8) 71 sq. ft. 1-course concrete sidewalk;
(9) 20,536 sq. ft. asph. concrete pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphalt concrete wearing surf.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .75	$ .90	$ .60	$ .73
(2)	2.00	2.00	2.00	2.00
(3)	1.50	1.00	2.00	2.00
(4)	1.15	1.00	1.50	1.00
(5)	95.00	100.00	120.00	100.00
(6)	95.00	76.50	90.00	100.00
(7)	1.48	1.00	1.50	1.00
(8)	.19	.20	.20	.20
(9)	.262	.25	.27	.214

Bids were referred to the city engineer.

August 2, 1935

COMPLETE BID LISTING

SAN BENITO COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $3696, as previously reported, submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, July 30, for about 13.7 miles of liquid asphalt treatment in San Benito County, bet. San Benito and Willow Creek, and between Route 119 and Pinnacles National Monument.

The work involves 280 tons liquid asphalt, Type SC-3, in place.

Complete bids follow:

L. A. Brisco, Arroyo Grande, (1) $13.20 per ton; (2) total, $369[illegible]
Gilmore Oil Co., Los Angeles, (1) $14.89; (2) $4169.20.
Pacific Truck Service, Inc., San [illegible] (1) $16.87; (2) $4723.60.
Oilfields Trucking Co., Bakersfield (1) $18.40; (2) $5152.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—[illegible] August 23, 2 P. M., bids will be received by State Division of Highways, E. E. Wallace, District Engineer, [illegible] Harbor St., San Diego, for treating with liquid asphalt about 25.1 [illegible] between Julian and a point 25 [illegible] easterly in San Diego County.

The work involves 610 tons of liquid asphalt, Type SC-2 in place.

Specifications obtainable from above.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—E. [illegible] Haddock, Ltd., 357 N. Chester [illegible], Pasadena, at $203,683.40 awarded contract by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, Sheldon Bldg., San Francisco, for grading and placing subgrade [illegible] forcement on 10.985 miles of Sections C and D of Route 73, the Laguna National Forest Highway, Cleveland National Forest, San Diego.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until August 19, 11 A. M., bids will be received by Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for improvement of [illegible] of Railroad and Dillon Avenues in Supervisor District No. 4, involving [illegible],000 sq. ft. oil macadam.

Specifications obtainable at the office of County Surveyor Robert D. Chandler upon payment of $1 per set.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until August 19, 11 A. M., bids will be received by Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for improvement of [illegible] of Junipero Serra boulevard in Supervisor District No. 5, involving [illegible]000 sq. ft. oil macadam.

Specifications obtainable at the office of County Surveyor Robert D. Chandler upon payment of $1 per set.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until August 19, 11 A. M., bids will be received by Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for improvement of [illegible] Road from Berryessa Road to [illegible] Rock Ave. in Supervisor District No. 3, involving 179,000 sq. ft. of asphaltic concrete pavement.

Specifications obtainable at the office of County Surveyor Robert D. Chandler upon payment of $1 per set.

CONTRACT AWARDED

SAN FRANCISCO — Fay Improvement Co., Phelan Bldg., awarded contract by the Francisco Heights [illegible] % Henry Monroe, 275 Bush St., for improvements at the old Odd Fellows Cemetery, located between Turk St. and Parker Ave., Geary and Arguello Blvds., which is to be subdivided for residences.

The contract includes improvements of roadways, grading, paving, curbs, sidewalks, sewers, etc.

Further details will be announced shortly.

HOOVER LIBRARY

BDS WANTED

ONNEVILLE, Ore.—Until August 23 P. M., bids will be received by U.S. Engineer, Second Portland District, Major C. F. Williams, 627 Pittock Block, Portland, for asphaltic concrete paving at Bonneville.

The work involves:

( ) 5,000 sq. yds. preparation of subgrade;
( ) 80 c.y. crushed rock in place;
( ) 600 tons asphaltic concrete base course in place;
( ) 400 tons asphaltic concrete wearing surface in place;
( ) 50 tons asphaltic concrete non-skid surface in place;
( ) 4,500 l.f. wooden headers in place.

Drawings and specifications obtainable on request to above office.

OMPLETE BIDS

AN DIEGO COUNTY, Cal.—Paul & March, 8275 Compton Ave., Los Angeles, at $12,318.75 (as previously reported) submitted low bid to State Division of Highways, E. E. Wallace, district engineer, San Diego, for about 4 miles applying liquid asphalt between Jamul and White Star, San Diego County, involving:

( ) 1125 tons liquid asphalt, SC-3, in place.

The bids were:

	(1)	Total
Nilsen & March	$10.95	$12,318.75
Argan Bros.	11.88	13,365.00
Gmore Oil Co.	12.26	13,792.50
E. Hazard Co.	12.70	14,287.50
Share Oil Co.	14.00	15,750.00

EDS WANTED

APACHE & NAVAJO COUNTIES, Ariz.—Until August 22, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, Dist. Engineer, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing (1) 300 tons asphaltic road material Type MC-2; (2) 205 tons asphaltic road material Type RC-2; (3) 10 tons asphaltic road material Type MC-5; OR (1) 1400 tons asphaltic cement and (2) 760 tons laykold temering fluid. Material to be used on Sections A, B1, B2 of Route 1 and all on Route 2, Petrified Forest National Monument, Apache and Navajo Counties, Arizona.

Specifications and proposal form obtainable from above.

CONTRACT AWARDED

CLAMATH COUNTY, Oregon—A. Mne, 7253 N. Broadway, Portland, $131,061 awarded contract by U. S. Bureau of Public Roads, W. H. Tinch, District Engineer, Portland, for surfacing 12.308 miles on Crater Lake National Park Rim Road, in Crater Lake National Park, Klamath County, Oregon.

IDS OPENED

MARIN COUNTY, Cal. — Pacific Truck Service, Inc., 646 Park Ave., San Jose, at $12,559.50 submitted low bid to State Division of Highways, Geo. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying a seal coat on about 48.9 miles in Marin County, between Manzanita and the northerly boundary.

The work involves:

( ) 430 tons liquid asphalt, Type MC-3;
( ) 3100 cu. yds. sand.

Complete bids follow:

(A) Pacific Truck Service, Inc., San Jose, $12,559.50.
(B) Hayward Building Materials Co., Hayward, $14,025.
(C) E. A. Forde, San Anselmo, $14,800.
(D) Lee J. Immel, Berkeley, $16,783.

Unit prices follow:

	(A)	(B)	(C)	(D)
( )	$18.25	$20.00	$20.00	$21.00
( )	1.52	1.75	2.00	2.50

NAVAJO COUNTY, ARIZ.—8.125 Mi. Grading—(Govt.)

NAVAJO COUNTY, Ariz.—Skousen Bros., Albuquerque, N. M., at $47,240.35, as previously reported, submitted low bid to the U. S. Bureau of Public Roads, 414 Title & Trust Bldg. Phoenix, July 30, for grading Section B and placing selected material subgrade reinforcement on Sections A and B of Route 30, the Globe-Show-low National Forest Highway, Sitgreaves National Forest, Navajo Co., Ariz., 8.125 miles in length.

The work involves:

(1) 14.5 acres clearing;
(2) 7(020 c.y. unclass. excavation;
(3) 500 c.y. do for structures;
(4) 51,000 c.y. do for borrow;
(5) 20,500 c.y. mi. borrow haul;
(6) 21,000 c.y. subgrade reinf.;
(7) 128 c.y. Class A concrete;
(8) 13,300 lbs. reinforcing steel;
(9) 128 c.y. cement rubble masonry;
(10) 582 l.f. 24-in. CGMP;
(11) 76 l.f. 30-in. CGMP;
(12) 146 l.f. 36-in. CGMP;
(13) 15,525 l.f. type 1 protection ditch;
(14) 2 each cattle guards in place;
(15) 3,930 l.f. remove existing fence;
(16) 350 l.f. remove and reset existing fence;
(17) 19,750 l.f. fence in place;
(18) 12 each type 1 gates,
(19) 21 each right-of-way monument
(20) extra work (barricades, etc.),
(21) extra work (temporary bridge).

The total bids were:

(A) Skousen Bros., Albuquerque, N. M., $47,240.35.
(B) Henry Thygesen, Albuqerque, N. M., $50,270.15.
(C) O. E. Fisher Const. Co., Phoenix, $51,829.35.
(D) Lee Moor Contracting Co., El Paso, Texas, $52,234.65.
(E) All-Arizona Engr. & Const. Co., Clifton, Ariz., $53,606.20.
(F) Milan O. Packard, Jr., General Contractors, Inc., Phoenix, $55,705.90.
(G) Heuser & Garnett, Glendale, Cal., $58,773.45.
(H) Ken Hodgman, Pasadena, Calif., $72,665.70.
(I) Engineer's estimate, $56,239.08.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$10.00	$40.00	$10.00	$13.00	$25.00	$20.00	$50.00	$250.00	$40.00
(2)	.80	.39	.60	.80	.65	.90	.77	1.00	.45
(3)	1.00	1.00	1.25	1.60	1.50	1.50	2.00	2.00	1.10
(4)	.24	.23	.25	.26	.30	.30	.25	.40	.27
(5)	.24	.32	.30	.38	.20	.32	.34	.35	.25
(6)	.50	.62	.65	.56	.70	.60	.76	.90	.90
(7)	22.00	27.00	25.00	23.50	26.00	25.00	30.00	25.00	28.00
(8)	.07	.07	.07	.07	.08	.07	.075	.08	.07
(9)	16.00	19.50	20.00	15.50	16.00	18.00	19.00	18.00	17.50
(10)	3.00	2.75	2.75	3.00	3.00	2.80	3.00	3.00	2.90
(11)	4.00	3.50	3.60	4.00	4.00	3.40	3.80	4.00	3.75
(12)	6.00	5.50	6.00	5.75	6.00	5.00	6.00	6.00	5.75
(13)	.09	.15	.05	.10	.06	.08	.13	.10	.075
(14)	650.00	800.00	750.00	700.00	700.00	700.00	700.00	750.00	725.00
(15)	.02	.02	.05	.03	.04	.03	.05	.04	.03
(16)	.05	.05	.07	.10	.06	.10	.08	.08	.05
(17)	.08	.08	.10	.085	.08	.09	.10	.08	.08
(18)	20.00	15.00	25.00	25.00	25.00	25.00	25.00	25.00	22.50
(19)	5.00	5.00	4.00	3.50	5.00	2.50	5.00	4.00	3.00
(20)	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
(21)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

SAN FRANCISCO — Army Street Improvement — City

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $33,726.10 submitted low bid to Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,805 for improvement of Army St. between Potrero Ave. and Bryant St.

The work involves:

(1) 62,400 sq. ft. Class E asph. concrete pavement;
(2) 16,700 sq. ft. asph. concrete pavement (4 sacks per c.y.);
(3) 5,000 sq. ft. Class F asph. concrete pavement;
(4) 30 tons asphaltic concrete wearing surface;
(5) 30 tons asphaltic concrete binder course;
(6) 1,500 l.f. armored concrete curb;
(7) 100 l.f. reset concrete curb;
(8) 12,000 sq. ft. one-course concrete sidewalk;
(9) 3 each brick manholes;
(10) one brick catchbasin;
(11) 9 each reset do;
(12) 200 l.f. 10-in. VCP sewer;
(13) 570 l.f. 12-in. VCP sewer;
(14) 110 l.f. 6-in. VCP side sewer;
(15) 19 each 12x6-in. Y or T branches
(16) 1 reflector type traffic sign;
(17) lighting system installed, complete.

Complete bids follow:

(A) Eaton & Smith	$33,726.10
(B) Chas. L. Harney	34,426.25
(C) Theodore Cohn	34,998.20
(D) Fay Improvement Co.	35,075.30
(E) Union Paving Co.	35,885.50
(F) Pacific States Const. Co.	36,346.20
(G) A. G. Ralsch	36,637.00
(H) Pacific Pavements Co.	39,039.90
(I) M. J. Lynch	40,405.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .304	$ .32	$ .308	$ .337	$ .34	$ .36	$ .34	$ .375	$ .40
(2)	.35	.30	.30	.29	.33	.27	.34	.28	.35
(3)	.20	.23	.25	.26	.30	.21	.26	.26	.25
(4)	5.00	6.00	5.00	4.15	6.00	4.50	5.00	5.00	6.00
(5)	4.00	6.00	5.00	4.15	6.00	4.50	5.00	5.00	6.00
(6)	.75	.60	1.00	.84	.80	.65	.70	1.30	.85
(7)	.30	.40	.25	.25	.40	.25	.50	1.00	.60
(8)	.14	.12	.13	.123	.13	.14	.12	.14	.12
(9)	87.00	100.00	85.00	79.00	80.00	100.00	70.00	85.00	90.00
(10)	87.00	100.00	85.00	70.00	80.00	90.00	70.00	85.00	90.00
(11)	65.00	55.00	65.00	50.00	40.00	55.00	50.00	60.00	65.00
(12)	1.10	1.15	1.00	1.32	1.75	1.10	1.50	1.00	1.20
(13)	1.10	2.20	2.00	1.38	2.00	1.45	2.50	2.50	1.70
(14)	.75	2.00	5.00	.84	1.25	2.40	2.00	.80	1.00
(15)	1.00	1.25	1.00	1.50	4.00	3.30	1.00	1.10	1.50
(16)	15.00	25.00	40.00	16.00	15.00	15.00	9.00	20.00	35.00
(17)	3000.00	2946.50	3260.00	2950.00	2000.00	3100.00	2900.00	3000.00	2888.00

Bids referred to City Engineer John J. Casey.

BIDS OPENED

EL DORADO COUNTY, Cal.—M. J. B. Construction Co., Stockton, at $13,-915.25 submitted low bid to State Division of Highways, C. H. Whitmore, district engineer, 703 B St., Marysville, for placing untreated crushed gravel or stone base and road-mix surfacing on about 1 mile in El Dorado County at Oglesby Canyon.

The work involves:
(1) 150 M. gals. water;
(2) 51 stations finishing roadway;
(3) 2100 cu. yds. untreated crushed gravel or stone (base);
(4) 1550 cu. yds. mineral aggregate (road-mix surfacing);
(5) 98 tons liquid asphalt, ROMC-3, 3 or 4 (road-mix surfacing);
(6) 18 tons liquid asphalt, SC-1A (prime coat);
(7) 850 cu. yds. salvaged surfacing (shoulders);
(8) 17 each, guide posts.

Complete bids follow:
(A) M. J. B. Constr. Co., Stockton, $13,915.25.
(B) A. Teichert & Son, Inc., Sacramento, $17,878.25.

Unit prices follow:

	(A)	(B)
(1)	$ 1.70	$ 2.00
(2)	6.75	7.50
(3)	2.60	3.65
(4)	2.35	3.90
(5)	28.50	25.00
(6)	19.70	20.00
(7)	1.20	.75
(8)	2.70	2.25

BIDS WANTED

LANE COUNTY, Ore.—Until Aug. 14, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, W. H. Lynch, District Engineer, for constructing the Willamette Highway Grading, Advance Clearing and Improving Existing Road, Project 21-H1, I, National Forest Road Project, located within the Willamette National Forest, Lane County, Oregon.

The length of the project is 1.256 miles grading and 0.657 miles advance clearing and the work involves:
(1) 16 acres clearing;
(2) 14 acres grubbing;
(3) 271,900 c.y. unclass. excav.;
(4) 291,000 sta. yds. overhaul;
(5) 12,000 c.y. mi. overhaul;
(6) 10 MFBM untreated timber, in place;
(7) 200 c.y. Class A concrete;
(8) 5,500 l.f. rounding cut slopes;
(9) 23,300 lbs. reinforcing steel;
(10) 220 l.f. 18-in. reinf. concrete pipe in place;
(11) 620 l.f. culverts (Alternate);
(12) 170 l.f. 18-in. reinf. concrete pipe, extra strength, in place;
(13) 670 l.f. 30-in. do;
(14) lump sum, clearing and grubbing old road;
(15) 14.17 miles grading and shaping existing road;
(16) 2,000 c.y. subgrade reinforcement
(17) lump sum, maintenance of sections.

Specifications obtainable from the above office upon deposit of $10.

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—Albany Cement Contractors, Inc., 1035 Murray Street, Albany, at $832.77 submitted low bid to Contra Costa Board of Supervisors, Hall of Records, Martonez, for constructing 1100 ft., more or less, of cement sidewalk on Stockton street, San Pablo.

Complete bids follow:
(A) Albany Cement Contractors, Inc., Albany, ... $832.77
(B) T. E. Clinch, Richmond, $925.66.
(C) Peres & Gatto, Richmond, $1,-074.97.

Bids were referred to County Surveyor R. R. Arnold. Award will be made at the next meeting of the supervisors, August 19.

CONTRACT AWARDED

SAN LUIS OBISPO, Cal. — John Fessler, Santa Maria, submitted low bid and awarded contract at $637 by Trustees of the San Luis Obispo School District for grading of the Fremont School grounds.

Followng bids received:
John Fessler, Santa Maria.....$637
W. B. Roselip, San Luis Obispo.. 688
Henry Dolessi, San Luis Obispo.... 710

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until August 29, 2 P. M., bids will be received by State Division of Highways C. H. Purcell, chief engineer, 898 State Bldg., Los Angeles, for about 2.4 miles placing plant-mix surfacing, medium curing type, constructing shoulders and applying road-mix surfact treatment thereon, at various locations between 4 miles east of Rostonia and 2 miles east of Alpine, San Diego County, involving:
(1) 100 M. gals. water;
(2) 2,900 c.y. imported borrow;
(3) 125 stations finishing rdwy.;
(4) 3,700 tons mineral aggregate plant-mixed surfacing;
(5) 185 tons liquid asphalt MC-5 or MC - extra heavy plant m'd surfacing;
(6) 27,700 sq. yds. asph. paint bin.;
(7) 65 tons liquid asphalt, SC-2;
(8) 9,750 sq. yds. preparing, mix'g and shaping shoulders.

Specifications and proposal fo's obtainable from office of the S e Highway Engineer, Public W s Bldg., Sacramento, and may be 'n at the office of the district engi r in San Diego.

BIDS OPENED

LINN COUNTY, Oregon—E. . Gates, McCredie Springs, Oregon, $95,861.47 submitted low bid to Bureau of Public Roads, 316 Post Office Bldg., Portland, July for constructing 3.279 miles of North Santiam Grading Project 24 Forest Road Project, located wi the Willamette National Forest, L County, Oregon.

The other bidders were:
J. A. Lyons, Portland.....$ 99
Parker Schram Co., Portland 107
Colonial Constr. Co., Spokane.. 107
Slate Constr. Co., Albany..... 109
A. C. Greenwood Co., Inc. Portland 111
Fisher Bros., Oregon City..... 11
Chas. H. Leonard, Albany..... 11
McNutt Bros., Eugene..... 122

ELKO COUNTY, NEV.—11.37 mi. Grade & Surface—St

ELKO COUNTY, Nev. — Peninsula Paving Co., Fallon, Nevada (9 Main St., San Franisco) at $135,262.16, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for approximately 11.37 mi. grading and surfacing in Elko County, Route 11, Section B1, between Elko and 11.14 miles north.

The work involves:
(1) 81 acres clear and grub;
(2) 1 each remove buildings;
(3) 3,945 l.f. remove fence;
(4) 167,000 c.y. rdwy. excavation;
(5) 183,012 sta. yds. overhaul;
(6) 45,019 c.y. select borrow;
(7) 1,270 c.y. structure excavation;
(8) 11.37 miles subgrade;
(9) 11.37 miles finish roadway;
(10) 43,700 tons crush. gravel or stone surface;
(11) 148 c.y. Class A conocrete;
(12) 114 c.y. Class B concrete;
(13) 16,850 lbs. reinforcing steel;
(14) 6,727 lbs. structural steel;
(15) 0.20 MFBM untreated Douglas fir
(16) 2,236 l.f. 18-in. CMP;
(17) 860 l.f. 24-in. CMP;
(18) 392 l.f. 30-in. CMP;
(19) 378 l.f. 36-in. CMP;
(20) 492 l.f. 8-in. perforated un drain;
(21) 190 c.y. gravel backfill;
(22) 160 each monuments;
(23) 1,414 l.f. construct fence;
(24) 3,659 l.f. reconstruct fence;
(25) 1,200 lbs. castings;
(26) 146 each culvert markers.

Total bids follow
(A) Peninsula Paving Co., Fal. $135,262.16.
(B) Pacific Const. Co., San Franc. $141,556.26.
(C) Nevada Rock & Sand Co., R. $144,506.19.
(D) Fredrickson & Watson Const. Fredrickson Bros. and Jones King, Oakland, $147,273.20.
(E) Utah Const. Co., Ogden, $ 988.93.
(F) Hoops Const. Co., Twin F Idaho, $159,988.93.
(G) Isbell Const. Co., Reno, $166,8
(H) Gibbons & Reed, Salt Lake $187,198.22.
(I) Engineer's estimate, $145,316

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I
(1)	$14.00	$15.00	$20.00	$12.00	$30.00	$25.00	$25.00	$23.00	$10.0
(2)	100.00	50.00	100.00	50.00	75.00	150.00	50.00	190.00	25.0
(3)	.02	.05	.03	.05	.02	.02	.03	.03	.0
(4)	.32	.35	.35	.34	.40	.44	.45	.59	.
(5)	.01	.01	.02	.01	.03	.03	.02	.02	.
(6)	.55	.50	.60	.61	.55	.42	.55	.49	.
(7)	1.30	1.50	1.50	1.50	1.50	1.00	1.50	2.00	1.
(8)	75.00	150.00	100.00	131.00	75.00	30.00	100.00	100.00	100.
(9)	125.00	150.00	100.00	131.00	100.00	50.00	150.00	200.00	100.
(10)	.70	.70	.58	.74	.80	.85	.75	.76	.
(11)	25.00	25.00	30.00	34.00	28.00	27.50	30.00	25.00	30.
(12)	24.00	25.00	30.00	33.00	28.00	27.50	30.00	24.00	28.
(13)	.07	.07	.07	.07	.06	.07	.07	.07	.
(14)	.07	.07	.10	.08	.15	.12	.15	.23	.
(15)	90.00	200.00	100.00	105.00	200.00	90.00	100.00	50.00	100.
(16)	1.70	2.00	2.50	1.80	1.75	1.75	2.00	1.80	1.
(17)	2.70	3.00	3.00	2.65	2.75	2.50	3.00	2.75	2.
(18)	3.30	4.00	3.50	3.55	3.50	3.25	3.70	4.15	3.
(19)	4.75	5.00	5.20	5.20	5.50	4.50	5.25	5.90	5.
(20)	1.00	1.50	2.00	.72	1.50	1.25	1.50	1.00	.
(21)	1.50	2.00	1.00	3.50	1.00	1.00	3.00	1.50	.
(22)	2.00	3.00	3.00	3.00	3.00	3.00	3.50	2.50	3.
(23)	.15	.15	.15	.12	.20	.175	.20	.12	.
(24)	.10	.10	.10	.08	.06	.10	.05	.07	.
(25)	.10	.15	.12	.20	.20	.20	.15	25.00	.
(26)	2.00	2.00	2.00	2.50	1.50	1.00	3.50	2.00	2.

BIDS OPENED

EL DORADO AND YOLO COS., Cal.—E. F. Hilliard, 1355 Forty-third St., Sacramento, at $6325 submitted low bid to State Division of Highways, C. H. Whitmore, district engineer, 703 B St., Marysville, for about 2 miles treating with liquid asphalt in El Dorado and Yolo Counties, bet. Auburn Junction (mile 7.89) and Cool, and between 4 miles north of Solano-Yolo County line and Irrigation Canal.

The work involves:

(1) 200 tons liquid asphalt, SC-3 (location A);

(2) 190 tons liquid asphalt, SC-3 (location B).

Complete bids follow:

(1) E. F. Hilliard, Sacramento, $6325

(2) Hayward Building Materials Co., Hayward, $6473.50.

(3) A. Teichert & Son, Inc., Sacramento, $7082.50.

Unit prices follow:

	(A)	(B)	(C)
(1)	$17.85	$17.60	$19.50
(2)	14.50	15.55	16.75

COMPLETE BID LISTING

CHURCHILL COUNTY, Nevada.—Dodge Construction, Inc., Fallon, at $5,585, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Churchill County, Rte. 1, Section E1, at Eastgate, a length approximately .19 mile.

The work involves:

(1) 163 l.f. remove culvert pipe;
(2) 2 each remove culvert headwalls
(3) 3,660 c.y. rdwy. excavation;
(4) 530 c.y. structure excavation;
(5) 0.18 mile subgrade;
(6) 0.19 mile finishing roadway;
(7) 405 tons crushed stone or gravel surface;
(8) 172 c.y. Class A concrete;
(9) 2 c.y. Class B concrete;
(10) 91 c.y. Class D concrete;
(11) 39,500 lbs. reinforcing steel;
(12) 1,950 lbs. structural steel;
(13) 18 l.f. relay culvert pipe;
(14) lump sum, raise gas pump;
(15) lump sum, remove & relay water pipe;
(16) 190 l.f. remove fence;
(17) 190 l.f. reconstruct fence;
(18) 160 c.y. handlaid riprap (grouted)
(19) 6 each remove trees;
(20) 216 c.y. salvage and relay crushed gravel or stone surface;
(21) lump sum, reconstruct flume.

Total bids follow

(A) Dodge Construction, Inc., Fallon, $15,585.50.

(B) Geo. French, Jr., Stockton, $16,454.50.

(C) Isbell Construction Co., Reno, $17,992.44.

(D) Engineer's estimate, $14,704.75.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 1.25	$ .83	$ .75
(2)	10.00	10.00	3.30	5.00
(3)	.75	.60	.82	.40
(4)	1.00	1.25	1.10	1.50
(5)	200.00	300.00	500.00	150.00
(6)	500.00	300.00	500.00	100.00
(7)	1.00	.75	.85	.40
(8)	25.00	30.00	3.30	30.00
(9)	25.00	30.00	30.30	30.00
(10)	25.00	35.00	33.60	32.00
(11)	.07	.07	.08	.06
(12)	.20	.12	.17	.12
(13)	1.50	1.50	.55	1.00
(14)	100.00	100.00	50.00	25.00
(15)	100.00	50.00	25.00	100.00
(16)	.10	.05	.03	.05
(17)	.20	.10	.04	.10
(18)	6.00	6.00	9.00	5.00
(19)	20.00	30.00	11.00	15.00
(20)	1.00	.50	1.10	.50
(21)	150.00	100.00	75.00	200.00

BIDS OPENED

SAN FRANCISCO. — E. J. Treacy, Call Bldg., submitted the only bid received by the Department of Public Works under Spec. No. 18,826 for the improvement of Orizaba Avenue between Randolph and Sargent Streets, and Minerva Street between Capitol and Orizaba Avenues.

Bids were taken as follows:

(1) 150 l.f. armored concrete curb;
(2) 60 l.f. 6-in. VCP side sewer;
(3) 1,875 sq. ft. 6-in. Class E concrete pavement;
(4) 375 sq. ft. asphalt concrete pavement, consisting of a 6-in. Class F concrete base and a 2-in. asphaltic concrete wearing surf.

Unit prices follow:

(1)	$0.50	(3)	$0.475
(2)	1.50	(4)	.35

Bids referred to the City Engineer.

BIDS WANTED

SHASTA COUNTY, Cal.—Until Aug. 15, 2 P. m., bids will be received by the Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 0.1 mile grading and surfacing with road mix surfacing on crusher run base in the City of Redding, Shasta County, between Court St and California St.

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

CLARK COUNTY, Nevada—Central States Contracting Co., 344 High St., Oakland, at $24,506 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for placing bituminous treated surfacing (road-mix) on 3.661 miles of Section A of Route 11, the Mt. Charleston National Forest Highway, Dixie National Forest, Clark County.

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Ernest W. Everly, Albuquerque, N. M., at $18,562.84 awarded contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for grading and placing selected material subgrade reinforcement on Sections C of Route 3, the Flagstaff-Clints Well National Forest Highway, Coconino National Forest, Coconino County, Arizona, a length of 3.906 miles.

CONTRACT AWARDED

SHASTA COUNTY, Cal.—J. G. Chigris, 2316 31st Ave., San Francisco, at $49,771.55 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for grading 1.859 miles of Section G of Route 77, the Mount Shasta and Lassen National Forests, Shasta County.

SAN BERNARDINO Co.—1.3 Mi. Grading & Paving—State

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $90,420.60, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles for grading and paving with asphalt concrete about 1.3 miles and conconstructing a reinforced concrete bridge on steel piles on I street, in the City of Colton.

The work involves:

(1) 23,300 sq. yds. roadway grading;
(2) 1700 cu. yds. rdwy. embankment;
(3) 1860 cu. yds. struct. excav.;
(4) 59 cu. yds. exist. conc. to be removed and disposed of;
(5) 20,000 sq. yds. subgrade for pavement;
(6) 33,100 sq. yds. asphaltic paint binder;
(7) 12,600 tons asphalt concrete;
(8) 105,300 lbs. bar reinforcing steel structures;
(9) 850 cu. yds. Class A Portland cement concrete structures;
(10) 8.5 cu. yds. Class F Portland cement concrete railing;
(11) 1720 lin. ft. furnishing steel piles including test piles;
(12) 68 each driving steel piles including test piles;
(13) 40 lin. ft. 12-in. CMP;
(14) 456 lin. ft. 18-in. CMP;
(15) 198 lin. ft. 24-in. CMP;
(16) 50 lin. ft. 24-in.x6⅝-in. part circle CM culvert;
(17) 136 lin. ft. 30-in.x3⅝-in. part circle CM culvert;
(18) 28 lin. ft. 30-in.x8½-in. part circle CM culvert;
(19) 614 lin. ft. 36-in.x7⅛-in. part circle CM culvert;
(20) 240 cu. yds. Class A Portland cement concrete curbs and steps;
(21) 720 cu. yds. Class A Portland cement concrete walks, gutters & driveways;
(22) 5 each cast steel frames and covers for drop inlets;
(23) 1 lot moving and installing light standards;
(24) 1 only exist. timber footbridge to be removed and disposed of

Total bids follow:

(A) Griffith Co., Los Angeles, $90,420.60.

(B) Geo. R. Curtis Paving Co., Los Angeles, $93,726.90.

(C) Basich Bros., Torrance, $94,072.41.

(D) Oswald Bros., Los Angeles, $96,650.60.

(E) Mundo Engineering Co., Los Angeles, $98,763.80.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .25	$ .216	$ .26	$ .36	$ .205
(2)	.34	.42	.20	.36	.30
(3)	1.00	1.58	.90	1.10	.90
(4)	1.40	2.40	2.00	2.00	2.50
(5)	.10	.10	.08	.10	.12
(6)	.03	.02	.02	.02	.02
(7)	3.13	3.22	3.30	3.25	3.90
(8)	.04	.047	.0425	.045	.05
(9)	15.00	18.10	16.25	18.00	15.00
(10)	60.00	48.00	62.00	60.00	60.00
(11)	1.20	1.35	1.50	1.30	1.40
(12)	9.00	13.75	15.00	17.00	7.00
(13)	1.00	1.00	1.25	1.20	1.20
(14)	1.50	1.45	1.65	1.65	1.80
(15)	2.50	2.25	2.65	2.50	2.00
(16)	1.50	1.75	1.72	1.85	1.70
(17)	2.00	1.85	1.94	2.10	2.10
(18)	2.00	2.35	2.15	2.55	2.60
(19)	3.00	2.50	2.68	2.80	2.70
(20)	12.00	14.30	14.25	13.00	11.00
(21)	13.00	9.90	12.65	10.50	11.00
(22)	35.00	36.00	33.00	35.00	40.00
(23)	3500.00	3720.00	3500.00	3500.00	3700.00
(24)	100.00	120.00	50.00	115.00	100.00

COMPLETE BID LISTING

WHITE PINE COUNTY, Nevada—George French, Jr., P. O. Box 107, Stockton, Calif., at $58,134.40, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for 0.58 mi. grading and surfacing (plant mix) in White Pine County, Route 2, Section D1, in the City of Ely.

The work involves:
(1) 160 l.f. remove culvert pipe;
(2) 2,700 sq. yds. remove paving and sidewalk;
(3) 69 c.y. remove concrete struc.;
(4) 4,650 l.f. remove curb and gutter
(5) 4,818 c.y. roadway excavation;
(6) 2,814 c.y. select borrow;
(7) 1,670 c.y. structure excavation;
(8) 15,200 sq. yds. subgrade for pavement;
(9) 2,325 tons plant - mix crushed gravel or stone base;
(10) 76 M. gals. water;
(11) 1,825 tons crushed rock;
(12) 125 tons emulsified asphalt penetration;
(13) 1,200 c.y. cement concrete surface;
(14) 250 c.y. concrete for curb and gutter;
(15) 100 c.y. Class A concrete;
(16) 25,300 lbs. reinforcing steel;
(17) 4,506 l.f. 18-in. CMP;
(18) 6,350 lbs. castings;
(19) 1 each move fire hydrants;
(20) 5 each adjust valve boxes;
(21) 530 l.f. remove and reset pipe.

Total bids follow:
(A) Geo. French, Jr., Stockton, $58,-134.40.
(B) Pacific Constr. Co., San Francisco $58,439.80.
(C) Dodge Constr. Co., Fallon, $63,-696.40.
(D) Peninsula Paving Co., Fallon, $64,310.35.
(E) Engineer's Estimate, $60,025.25.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ 1.25	$ .60	$ 1.00	$ 1.25	$ .75
(2)..	.50	.30	.50	.50	.50
(3)....	6.00	4.00	5.00	6.00	3.00
(4)....	.12	.20	.20	.20	.15
(5)....	1.00	1.00	1.50	1.20	1.25
(6)....	.75	.70	.60	.90	.90
(7)....	1.25	1.00	1.50	1.75	1.10
(8)....	.10	.10	.10	.10	.10
(9)....	1.00	1.70	1.50	1.70	1.70
(10)....	1.50	2.00	1.50	2.00	1.50
(11)....	3.70	2.50	4.00	3.75	3.25
(12)....	30.00	25.00	30.00	34.50	29.00
(13)....	12.90	12.00	12.00	13.00	12.00
(14)....	16.23	16.00	15.00	15.00	15.00
(15)....	25.00	20.00	30.00	25.00	25.00
(16)....	.07	.08	.08	.07	.07
(17)....	1.65	2.50	2.00	1.90	1.90
(18)....	.12	.10	.15	.15	.15
(19)..	25.00	25.00	25.00	30.00	25.00
(20)....	5.00	10.00	10.00	15.00	10.00
(21) .	.15	.30	.20	.30	.20
		*			29

CONTRACT AWARDED

TEHAMA COUNTY, Cal. — Tiffany Constr. Co., 535 N. Seventh St., San Jose, at $4198 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for 4.911 miles of bituminous treatment (light surface application) of Section B, the Southwest Approach to Lassen Volcanic National Park, Lassen National Forest, Tehama County.

CONTRACT AWARDED

AMADOR AND ALPINE COS., Cal. —Lamb's Transfer Co., 828 Cowles St., Long Beach, at $2960.70 awarded contract by the State Highway Commission, Sacramento, for spreading liquid asphalt between Cook's Station and Pickett's Junction, on Route 34.

Informal bids were received by the District Engineer.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until August 27, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 4.103 miles grading on Sections A and B of Route 61, the Angeles Crest Natoinal Forest Highway, Angeles National Forest, Los Angeles County.

The work involves:
(1) 54 acres clearing;
(2) 614,000 cu. yds. unclassified excavation;
(3) 2700 cu. yds. do for structures;
(4) 744,000 sta. yds. overhaul;
(5) 4.103 mi. finishing earth graded road;
(6) 4036 lin. ft. CMP.
(7) 7 each CMP elbows;
(8) 7 each spillway inlets;
(9) 438 lin. ft. remove and stockpile or relay existing CMP;
(10) 38 cu. yds. concrete;
(11) 1600 lbs. reinforcing steel;
(12) 15 each steel grates;
(13) 43 each culvert markers.

Plans and specifications obtainable from the above office upon deposit of $10.

*

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until August 9, 2 P. M., bids will be received by Ohm & Raab, Civil Engineers, 109 E. Weber Ave., Stockton, for leveling, ditching, and checking about 143.5 acres of land in Potter Valley, Mendocino County. The work is divided into three jobs consisting of 501, 71.9 and 21.5 acres each.

Specifications obtainable from the above office without charge.

CONTRACT AWARDED

TUOLUMNE COUNTY, Calif. Lamb's Transfer Co., 828 Cowles St Long Beach, at $2511.60 awarded contract by the State Highway Commission, Sacramento, for spreading liquid asphalt between Hump Sidi and "S-curve" on Route 13.

Informal bids were received by t District Engineer.

COMPLETE BID LISTING

RIVERSIDE COUNTY, Cal.—Squa Oil Co., Inc., 916 Adobe St., Los A geles, at $21,644, as previously reported, submitted low bid to the Sta Highway Engineer, Los Angeles, applying seal coat on about 50.1 mi in Riverside County, bet. Valle Vis and Route 187.

The work involves:
(1) 480 tons asphaltic emulsion 90-9
(2) 3530 cu. yds. sand.

Square Oil Co., Los Angeles—($2400, (2) $2.80; total, $21,644.

E. L. Yeager, San Bernardino—($28.00, (2) $4.00; total, $27,840.

A. S. Vinnell Co., Los Angeles—($27.50, (2) $5.00; total, $31,125.

AWARD RECOMMENDED

MONO COUNTY, Cal.—Award of contract to Morrison - Knudsen C 1121 Title Guarantee Bldg., Los A geles, at $147,390.20 for 6.28 mi grading on Section A, Route 81, t Mammonth Lake National Forest Highway, Inyo National Forest, Mo County, has been recommended District Engineer C. H. Sweetser, S. Bureau of Public Roads, San Fra cisco.

*

SAN BERNARDINO Co.—1 Mi. Grade & Surface—(State

SAN BERNARDINO COUNTY, Cal. B. G. Carroll, 4396 Maryland St., San Diego, at $29,877, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, for grading and applying roadmix surface treat. on about 1 mi. and constructing concrete abutments for an undergrade crossing in the City of Colton, bet. the Santa Ana River and M Street.

The work involves:
(1) 1600 M. gals water;
(2) 290 cu. yds. removing concrete;
(3) 41,000 cu. yds. roadway excavation without class.;
(4) 714,000 sta. yds. overhaul;
(5) 650 cu. yds. struct. excav.;
(6) 45 sta. finishing roadway;
(7) 14 tons liquid asphalt SC-2 prime coat;
(8) 138 tons liquid asphalt SC-2 road mix surface treatment;
(9) 13,300 sq. yds. preparing, mixing, and shaping roadbed road mix surface treatment;
(10) 14 tons liquid asphalt 90-95 seal coat;
(11) 170 tons screenings seal coat;
(12) 63,900 lbs. bar reinf. steel structi
(13) 693 cu. yds. Class A Portland ce ment concrete structures;
(14) 190 lin. ft. 18-in. CMP;
(15) 81 cu. yds. Class A Portland ce ment concrete curbs and side walks;
16) 147 lin. ft. laminated timber guar rail;

Total bids follow:

(A) B. G. Carroll, San Diego, $29,87
(B) Basich Bros., Torrance, $33,069.7
(C) Geo. Herz & Co., San Bernardin $36,152.50.
(D) Mundo Engineering Co., Los An geles, $33,184.
(E) Oscar Oberg, Los Angeles, $34,84
(F) L. C. Seidel, Oakland, $35,462.2
(G) Matich Bros., Elsinore, $38,650.3
(H) Griffith Co., Los Angeles, $41,17
(I) Geo. R. Curtis Paving Co., L Angeles, $42,228.
(J) E. R. Bishop, Long Beach, $43, 809.60.

	(A)	(B)	(C)	(E)	(F)	(G)	(H)	(I)	(J)
(1).....	$ .34	$ .80	$ .53	$ .60	$ .65	$ .75	$ 1.00	$ 1.00	$ 1.00	$ 1.50
(2).....	1.00	2.50	1.50	2.00	1.00	1.50	2.50	1.50	1.20	2.00
(3).....	.23	.21	.26	.22	.34	.24	.24	.42	.336	.30
(4).....	.033	.005	.005	.005	.002	.005	.005	.003	.0024	.01
(5).....	1.00	.85	.50	.90	1.20	1.00	1.50	1.00	1.08	1.00
(6).....	9.00	8.00	6.00	4.00	5.00	6.00	2.00	10.00	5.00	8.00
(7).....	11.60	7.75	7.80	9.00	11.[illegible]	11.00	10.00	7.00	8.11	7.30
(8).....	6.90	7.75	7.80	9.00	8.[illegible]	11.00	8.90	7.00	8.11	7.30
(9).....	.06	.05	.046	.06	.065	.08	.06	.05	.06	.06
(10).....	19.00	18.75	20.50	20.00	20.00	18.00	20.00	20.00	21.30	17.50
(11).....	3.00	2.25	2.60	2 50	5.00	4.00	3.00	2.00	3.00	3.50
(12).....	.035	.0425	.05	.05	.039	.04	.06	.04	.046	.04
(13).....	13.80	15.85	12.90	15.00	13.00	16.00	18.00	17.05	23.15	17.50
(14).....	1.60	1.65	2.00	1.70	1.80	2.00	1.65	1.60	1.47	2.00
(15).....	10.70	13.00	15.00	11.00	15.50	14.00	13.80	12.00	12.00	15.00
(16).....	1.00	.90	1.20	1.00	1.30	1.00	1.40	1.00	1.20	2.00
(17).....	500.00	400.00	600.00	500.00	470.00	500.00	500.00	400.00	500.00	450.00
(18).....	20.00	14.00	18.00	25.00	15.00	15.00	17.50	15.00	18.00	15.00
(19).....	1.10	.20	1.00	1.00	1.35	.90	3.00	1.50	1.40	2.50
(20).....	2.50	2.00	2.60	3.00	2.50	3.00	2.50	2.50	3.00	2.50

EDS WANTED

HUMBOLDT COUNTY, Cal.—Un'll ugust 13, 2 P. M., bids will be re-ived by the Humboldt County Board Supervisors, Fred M. Kay, Clerk, ourt House, Eureka, for furnishing nd delivering 2500 or more cu. yds. ncrushed rock on the Boynton Prai-r Road in Road District No. 4, in umboldt County.

pecifications obtainable from Coun-Surveyor Frank Kelly.

EDS OPENED

AN BERNARDINO COUNTY, Cal. -E. L. Yeager, Box 470, San Bernar-do, at $10,320.75 submitted the low to the Department of Public orks, Division of Highways, E. Q. ullivan, District Engineer, 247 Third S, San Bernardino, July 29, for road cing in San Bernardino County be-een Adelanto and Route 58, about 8 miles in length, seal coat to be plied, involving:

165 tons asphaltic emulsion;

1135 c.y. sand.

he complete bids were:

E. L. Yeager, San Bernardino: (1) $.50 per ton; (2) $4.95 per ton; total $,320.75.

eo. Herz & Co., San Bernardino: $28.50; (2) $5.33; total $10,752.05.

EDS WANTED

APACHE & NAVAJO COUNTIES, riz.—Until August 22, 10 A. M., bids l be received by the Bureau of blic Roads, 414 Title & Trust Bldg., hoenix, Ariz., for placing a bitumin-s treated surfacing on 25.303 miles Sections A, B1 and B2 of Route 1, nd all of Route 2 of the Petrified rest National Monument, Apache nd Navajo Counties.

he work involves:

6000 tons crushed gravel for shoulders;

42,800 tons bituminous treated crushed gravel, or;

Alternate, 35,300 tons Laykold asphalt concrete;

625 tons supplemental crushed gravel;

310 tons applying Government furnished asphaltic material prime coat;

205 tons applying Government furnished asphaltic material for seal coat;

3000 tons screenings for seal coat;

1200 M. gals. watering;

4 Type A spillway inlets;

76 lin. ft. 8-in. CMP;

2 cattle guards.

lans and specifications obtainable om the Bureau of Public Roads, 414 itle & Trust Bldg., Phoenix, or 807 eldon Bldg., 461 Market St., San rancisco, upon deposit of $10.

IDS WANTED

BERKELEY, Alameda Co., Cal.—ntil August 13, 10 A. M., bids will e received by the Berkeley City Coun-, Florence Turner, City Clerk, for surfacing approximately 900 ft. of ddway on The Alameda from Solano ve. southerly to Marin Ave.

The work involves:

2500 cu. yds. grading;

25 cu. yds. grading below sub-grade;

68,900 su. ft. crusher run base;

68,900 sq. ft. bituminous surfacing

Plans and specifications obtainable om City Engineer Harry Goodridge on deposit of $10.

OMPLETE BID LISTING

INYO COUNTY, Cal.—Paulsen and arch, Inc., 8275 Compton Ave., Los ngeles, at $4459.85, as previously re-rted, submitted low bid to the Di-sion of Highways, S. W. Lowden, strict Engineer, Bishop, for road ling in Inyo County, between Big ne and the east end of Cedar Flat, about 13.5 miles in length, to be treated with liquid asphalt, involving:

(1) 85 tons liquid asphalt, SC-2;

(2) 235 tons do., SC-3.

Complete bids follow:

Paulsen & March, Inc., Los Angeles, (1) $12.74; (2) $11.37; total, $4,459.85.

Square Oil Co., Los Angeles, (1) $15; (2) $15.25; total, $4858.75.

Oilfields Trucking Co., Bakersfield, (1) $17.10; (2) $20.40; total, $6,217.50.

CONTRACT AWARDED

KING & Kittitas Cos., Wash.—Norris Brothers, Burlington, $198,607.45 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, July 30, for paving with Portland cement concrete about 4.7 miles of State Road No. 2, Section 1, Summit (Snoqualmie Pass) to Upper Crossing South Fork Snoqualmie River, Federal Aid Project No. 142-E, in King County, and Section 2, Hyak, Paving Gap, Federal Aid Project No. 114-B, in Kittitas Co.

The other bids were:

Florito Bros., Seattle	$208,825
Northwest Const. Co., Seattle	209,245
J. B. Covello, Seattle	213,720
Goetz & Brannan, Seattle	215,707
Erickson Paving Co., Seattle	224,984

BIDS WANTED

MODOC COUNTY, Cal.—Until Aug. 19, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for production of 12,000 cu. yds. of crushed gravel for use in Modoc County between Rush Creek and Adin.

Specifications obtainable from the above.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

MARICOPA COUNTY, Ariz.—H. T. Johnson Co., 501 Merritt Bldg., Los Angeles, awarded contract by Verde River Irrigation and Power District, Phoenix, for the construction of four dams, 130 miles of canal, and appurtenant works on the Verde River, near Phoenix. The total estimated cost will be about $19,000,000. The project is being financed by New York capitalists who have agreed to take the bonds of the district voted in 1923. At that time an issue of $23,000,000 was voted but circumstances prevented the sale of the bonds and in 1930 the district successfully prosecuted a suit to validate the bonds. By a decision of the Arizona supreme court the validity of the bonds was upheld and the uncertainties created by the lapse of time since the bonds were voted were removed. Efforts to procure Federal financing failed due to certain requirements of the Public Works Administration and a contract previously tentatively awarded to Foley Bros. contingent upon approval of the Reconstruction Finance Corp. The contract was finally ruled out by the Arizona courts. Later a Bureau of Reclamation allotment of $4,000,000 was withdrawn due to a disagreement over estimates as to the cost of construction

The contractor plans to sublet various specialized portions of the work, taking bids on segregated contracts for the dams, tunnel work, ditches, canals, power plants, etc.

Engineering work will be done under the supervision of Chas. W. Landis; Robert Young, consulting engineer, 501 Merritt Bldg., Los Angeles.

Plans for the project include the Verde dam, on the Verde river, between Boa Canyon and Cottonwood Creek, a multiple arch type concrete dam 800 ft. in length, 263 ft. high, with a storage reservoir capacity of 950,000 acre feet Bids will probably be taken on the earthwork and hard rock excavation and on the concrete work. The cost of constructing this dam had been $3,190 5?!, of which $1-657,000 was allotted to labor

The Horseshoe dam, located near the Maricopa-Yavapai county line, also a concrete structure, of semi-circular design, previously estimated to cost $1,623,775.

The New River dam, also a concrete structure, details of which are not available, but previously estimated at $1,171,810.

The Bartlett Diversion dam, of concrete construction, estimated to cost $310,350.

Canals to be constructed include:

Harris Canal, $1,479,339

McDowell-Paradise Canal, $3,102,930.

Distribution system and laterals, $1-400,000.

Development includes the construction of several power plants, substations, etc.:

Camp Verde power plant, $634,200.

Horseshoe power plant, $225,745.

Power lines, $960,000.

Substations, $249,750.

The project will supply water and power to approximately 102,000 acres and will require about 300,000 ac. ft. of water annually. The completed project will involve in addition various miscellaneous buildings and hospitals.

An estimate made last year for the Public Works Administration placed the amount of materials required for the proposed works at $7,773,572.

The plans of the present group of financiers propose to expend the money over a period of four to five years at the rate of $5,000,000 a year. The Verde dam will require about 2 years. Construction will start about October 1.

CONTRACT AWARDED

HANFORD, Kings Co., Cal. — Case Constr. Co., 905 Westminster Ave., Alhambra, at $62,900 awarded contract by the Board of Directors of the Peoples Ditch Co., Hanford, for constructing a reinforced concrete weir in Kings River at the head of the company's main canal. The weir will replace a timber structure completed in 1910. It will be 435 feet in length and designed to retain water at a depth of 15 feet if necessary.

CONTRACT AWARDED

BONNEVILLE, Ore.—Pacific Coast Steel Corp., 20th and Illinois Streets, San Francisco, at $398,298 awarded contract by U. S. Engineer, Second Portland District, 627 Pittock Block, Portland, for furnishing lock operating machinery for Bonneville navigation lock, including upper and lower miter gates, four tainter valves, four complete machines for operating the mitre gates, four complete machines for operating tainter valves, six floating mooring bitts, floor plates and grating.

EXTRA WORK AUTHORIZED

EUREKA, Humboldt Co., Cal.—City Council has authorized T. E. Connolly-Hanrahan Co. to excavate 20,000 cubic yards (estimated) additional material at site of the Mad River dam for the municipal water supply project. The contractor will be paid 20 cents a yard. Additional excavation over the 27,000 cubic yards originally estimated is required because of surface slides.

BIDS OPENED

BOULDER CITY, Nev.—U. S. Bureau of Reclamation, Denver, received the following bids August 1 under Spec. No. 629 for furnishing (1) two 168-in. diameter butterfly valves and (2) two butterfly valve bulkheads for

installation in Boulder Power Plant:

Babcock & Wilcox Co., Denver, fob Barberton, Ohio: (1) $160,651, weight 160,651 lbs.; (2) $9,704, weight 84,000 lbs.

Hardie-Tynes Mfg. Co., Birmingham, Ala., fob Birmingham, (1) $144-000, weight 790,000 lbs.; (2) $10,000, weight, 75,000 lbs.; (3) combination of (1) and (2) $152,000.

Baldwin-Southwark Corp., Philadelphia, fob Boulder City, (1) $170,500, weight 880,000 lbs.; (2) $9,500, weight 98,000 lbs.

Erie Forge Co., Erie, Pa., fob Boulder City, (2) $8,900, weight 86,290 lbs.

COMPLETE BIDS

ASHTON, Idaho. — Max J. Kuney, Hutton Bldg., Spokane, at $478,838.20 submitted low bid to U. S. Bureau of Reclamation, H. A. Parker construction engineer, for constructing the Island Park Dam, Upper Snake River Project, under Spec. No. 632. The work is located near Island Park, Ida.

Principal items of work are:

(1) 112,000 c.y. open cut excavation, common;
(2) 472,000 c.y. excavation from borrow pits, commonffi
(3) 9,700 c.y. open cut excavation, rock;
(4) 45,100 c.y. excavation from borrow pits, rock;
(5) 7,950 c.y. tunnel and shaft excavation, all classes;
(6) 1,000 c.y. backfill about struc.;
(7) 474,000 c.y. earth fill in embankments;
(8) 33,000 c.y. rock fill on the downstream slope of dam embankment;
(9) 50,800 c.y. riprap on embankments;
(10) 150 c.y. gravel surfacing on road
(11) 25 c.y. porous concrete;
(12) 2,920 c.y. concrete in tunnels, shaft and gate chamber;
(13) 3,510 c.y. concrete in other struc.
(14) 1,500 sq. yds. special finish of concrete surfaces;
(15) 2,500 cu. ft. pressure grouting;
(16) 350,000 lbs. placing reinf. bars;
(17) 5,360 l.f. grout, drainage & weep holes;
(18) 2,090 l.f. constructing clay pipe drains;
(19) 1,500 l.f. installing metal pipe drains;
(20) 70,000 lbs. furnishing and installing steel tunnel liner plates;
(21) 343,200 lbs. installing metal work
(22) 714 l.f. installing electrical metal conduit.

Complete bids follow:

(A) Max J. Kuney Co., Spokane, Wash., $478,838.20.
(B) Morrison-Knudsen Co., Boise, Ida. $483,738.30.
(C) S. J. Groves & Sons Co., Wesley Temple Building, Minneapolis, Minn., $525,990.70.
(D) Utah Const. Co., Ogden, Utah. $531,869.70.
(E) Edward Peterson, 707 WOW Bldg. Omaha, Neb., $563,522.00.
(F) Myers & Goulter, 3227 1st Ave. South, Seattle, $568,290.80.
(G) Bechtel Co., 155 Sansome Street, San Francisco, $574,452.80.
(H) S. S. Magoffin and Co., Adrian, Oregon, $583,409.05.
(I) Malcom & Bell, Sherlock Building, Portland, $586,914.05.
(J) J. A. Terteling & Sons, Boise, Idaho, $594,336.80.
(K) S. Birch and Sons Const. Co., J. C. McGuire Const. Co., The Lawler Corp., 407 Lewisohn Building, Butte, Mont., $616,493.35.
(L) P. L. Crooks & Co., Inc., Henry Bldg., Portland, $646,853.80.
(M) Guthrie - McDougall, Sherlock Bldg., Portland, $686,387.10.
(N) Jos. T. Cargo, Dunbar, W. Va., $783,025.92 (incomplete).

CONTRACT AWARDED

BONNEVILLE, Ore.—Worden-Allen Co., P. O. Box 2057, Milwaukee, at $130,280 awarded contract by U. S. Engineer, Second Portland District, 627 Pittock Block, Portland, for furnishing two gantry cranes for Bonneville powerhouse.

CONTRACT AWARDED

BONNEVILLE, Oregon.—Columbia Steel Corp., 2345 NW Nicolai, Portland, at $1,109,447 awarded contract by U. S. Engineer, Second Portland District, 627 Pittock Block, Portland, for furnishing two gantry cranes and twenty steel gates for main spillway dam at Bonneville.

---

31 — PIPE LINES & WELLS

BIDS OPENED

SAN BERNARDINO COUNTY, Cal. —Jesse Burkhart, Adelanto, at $1,-607.25 submitted the low bid to the Division of Highways at the office of the District Engineer, 247 Third St., San Bernardino August 5 for drilling a water supply well in San Bernardino County, at Mountain Pass maintenance station site, involving:

(1) 1 lot furnishing drilling equipment (lump sum);
(2) 125 l.f. well complete in place (ground level to 125 ft. depth);
(3) 25 l.f. well complete in place (below 125 ft. depth);
(4) 1 lot capacity and alignment tests complete (lump sum).

The total bids were:

(A) Jesse Burkhart, Adelanto, $1007.25
(B) D. A. Beck & Sons, Alta Loma, $1095.05.
(C) Lyon Bros., Los Angeles, $1350.
(D) W. D. Anderson, San Bernardino $1995.00.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$75.00	$5.80	$5.29	$75.00
(B)	205.30	5.18	4.69	125.00
(C)	250.00	6.00	6.00	200.00
(D)	300.00	10.00	10.00	175.00

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

ESCALON, San Joaquin Co., Cal.—Gladding Bros. Mfg. Co., Third and Keyes Sts., San Jose, at $3312.90 was awarded contract by Escalon Sanitary District for furnishing: (1) 500 l.f. 10-in. B&S vitrified, salt glazed city sewer pipe; (2) 4 100 l.f. 8-in. do; (3) 10,482 l.f. 6-in. do

Identical bids were received July 19 from Gladding Bros. Mfg. Co., San Jose; Gladding, McBean & Co., San Francisco; California Pottery Co., Niles, and N. Clark & Sons, San Francisco. 32

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal. —W. J. Tobin, 3701 Balfour Avenue, Oakland, at $71,630 awarded contract by San Mateo City Council for constructing Unit B of the municipal sewage disposal plant, including the pumping station and treatment works.

BIDS OPENED

SAN FRANCISCO. — Following bids received by the Department of Public Works under Spec. No. 18,826 for construction of sewers and appurtenances in LaGrande Avenue between Mansfield and Felton Sts.; in Burrows St. between Mansfield and Knox Sts.; in Mansfield St. between Burrows St. and LaGrande Ave.; and in Felton St. between LaGrande Ave. and Knox Street:

(A) Eaton & Smith;
(B) Fay Improvement Co.;
(C) Charles L. Harney.

Bids were taken as follows:

(1) 365 l.f. 8-in. VCP sewer in plac
(2) 465 l.f. 12-in. VCP sewer in plac
(3) 10 8x6-in. wye branches in plac
(4) 25 12x6-in. wye branches in plac
(5) 5 brick manholes, complete;
(6) 1 lamp hole, complete.

Unit bids follow:

	(A)	(B)	(C
(1)	$ 3.00	$ 2.84	$ 3
(2)	3.00	3.50	4
(3)	1.00	1.50	1
(4)	1.00	1.50	1
(5)	100.00	120.00	100
(6)	30.00	35.00	25

Bids were referred to the city e gineer

BIDS REJECTED

ROSEVILLE, Placer Co., Cal.—Cl Council rejected all bids received f furnishing and installing a pump the sewage disposal plant and w purchase in the open market and u day labor for installation.

Following submitted bids:

Byron Jackson Co., Berkeley, $8 (plus tax); Victor Equipment C $938.88 (including tax); Richar Pump Service, $914.62; Munz Brother $938.88; Fairbanks-Morse Co., $914.6 Scofield-Marshall Co., $914.62; Su mersible Pump Co., $914.62; L. E. M Nie, $903; Frank Cornell, $914.62.

33— WATER WORKS

CONTRACT AWARDED

SAN FRANCISCO—A. Paulsen, 8 Folsom St., at $1.45 per lin. ft., tot $456.75 awarded contract by the D partment of Public Works, City Ha under Spec. No. 18,776, for makin test borings for fire cisterns on V Ness Ave. at Grove, Ellis, Post, Pi Broadway, Union, Greenwich, Lor bard and Bay Streets.

CONTRACT AWARDED

PHOENIX, Ariz. — Contracts f furnishing water meters have be awarded by the Phoenix City Co mission to three firms as follows: Crane Co., Palace Hardware & Arr Co. (Pittsburgh) and Jules L. Ve meesch (Badger) each, at $6.84 p meter on the basis of 1000 meters more.

Installation will be done by t WPA at a cost of about $20,000.

There were eight bids, six bein identical at $6.84, the bidders belo besides the above, Pittsburgh Meth Co., Standard Sanitary Mfg. Co. a Worthington Meter Co.

Momsen, Dunnegan & Ryan, C submitted a bid of $9.00 per meter f lot of 1000 and $7.60 for a lot of 600

O. S. Stapley Co. bid $7.20 each.

August 7, 1935

ALLOTMENT RESCINDED

NORTH SACRAMENTO, Cal.—A ministrator Harold L. Ickes has r scinded loan and grant of $132,0 allotted to North Sacramento f waterworks construction. The allo ment was cancelled at the request applicant.

CONTRACT AWARDED

SAN FRANCISCO. — W. C. Aka 225 Cervantes Blvd., at $11,647.40 w awarded contract by the Departme of Public Works for installing Secti B of the Embarcadero District Exte sion to the Auxiliary Water Supp System for Fire Protection.

CONTRACT AWARDED

SAN FRANCISCO. — Pacific Stat Construction Co., 708 Call Bldg., $55,840.25 awarded contract by t Department of Public Works for i stalling the Hayes Valley Extensi to the Auxiliary Water Supply S tem for Fire Protection.

IDS WANTED

LOS ANGELES, Cal.—Until December 3, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. Third St., Los Angeles, for furnishing centrifugal pumps for the main pumping plants of the Colorado River Aqueduct, Specification No. 116. The items are:

1) 3 single stage centrifugal pumps, with parts, for intake pumping plant;
2) 3 single stage centrifugal pumps, with spare parts, for Gene pumping plant;
3) 3 single stage centrifugal pumps, with spare parts, for Iron Mountain pumping plant;
4) 3 single stage centrifugal pumps, for Eagle Mountain pumping plant;
5) 3 single stage centrifugal pumps for Hayfield pumping plant.

The total pumping heads, in feet, including pipe losses, are:

	Average	Maximum	Minimum
1) Intake	294	303	272
2) Gene	310	324	286
3) Iron Mtn.	146	156	133
4) Eagle Mtn.	440	452	427
5) Hayfield	444	476	432

Inlet pressure heads in feet corresponding to the average, maximum and minimum total pumping heads are:

	At aver. Head	At max. Head	At min. Head
1) Intake	11	9	19
2) Gene	17	5	23
3) Iron Mtn.	15	5	16
4) Eagle Mtn.	20	10	22
5) Hayfield	37	5	37

The synchronous 60-cycle speeds at which the motors will drive the pumps will be as follows:

1) Intake Plant ..... 400 R. P. M.
2) Gene Plant ..... 400 R. P. M.
3) Iron Mtn. Plant ..... 300 R. P. M.
4) Eagle Mt. Plant ..... 450 R. P. M.
5) Hayfield Plant ..... 450 R. P. M.

The discharge capacity of each pump at the specified average total pumping head and at the specified speed shall not be less than 200 nor more than 215 cu. ft. per second.

Certified or cashier's check in the sum of $10,000 for each of the five items must be submitted with the bid. Specifications may be obtained at Room 1007, 306 W. Third St., Los Angeles, upon deposit of $5, not returnable.

F. E. Weymouth, general manager and chief engineer.

CONTRACT AWARDED

ROSEVILLE, Placer Co., Cal.—M. R. Carpenter, 907 Front St., Sacramento, at $18,284 awarded contract by Roseville City Council for trenching, installation of pipe and backfilling Unit No. 2 of the Roseville water system. Pipe and fittings will be furnished by the city.

Charles L. Harney, San Francisco, bid $55,748.32 for furnishing and laying pipe, complete.

BIDS OPENED

RIVERSIDE COUNTY, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $7469.25 submitted low bid to Metropolitan Water Dist., L. A., Aug. 1, for furnishing and erecting steel structures for the Berdoo aggregate plant, Spec. No. 117. The site of the work is near Berdoo Camp, and approximately ten miles northwest of Indio, Riverside County. The work to be contracted for comprises the furnishing and erecting of steel structures, steel bins, chutes, etc., for the Berdoo concrete aggregate plant. No proposal will be considered for less than the whole of the work.

The items were:

(1) Batching building as shown on drawings B-2630 and A-1315, having an estimated weight of 40,000 lbs.;
(2) One circular cement bin as per drawing B-2631, having an estimated weight of 6800 lbs.;
(3) One aggregate bin (4 - compartment) as per drawing B-2631, having an estimated weight of 17,500 lbs.;
(4) Three gravel chutes and two sand hoppers as shown on drawing B-2632, having an estimated weight of 2600 lbs.;
(5) One steel structure for conveyor "S" as shown on drawing B-2633, having an estimated weight of 34,000 lbs.;
(6) One steel frame for conveyor "B" as shown on drawing B-2634, having an estimated weight of 3200 lbs.

The bids were:

(A) Western Pipe & Steel Co.,* $7,469.25.
(B) Pacific Iron & Steel Co., $8494.00.
(C) A. J. Bayer & Co., $8,771.00.
(D) Consolidated Steel Corp., $8,815.40
(E) Pacific Coast Steel Corp.† $9,393.00.

*California sales tax, if applicable.
†Including California sales tax.

CONTRACT AWARDED

ROSEVILLE, Placer Co., Cal.—United States Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $37,992.53 awarded contract by Roseville City Council for furnishing steel and cast iron pipe and fittings, valves and valve boxes for Unit 2 of the Roseville water system.

Following bids received:

United States Pipe & Foundry Co., San Francisco, $37,992.53.
Southern Pipe & Casing Co., Azusa, $33,607.09.
American Cast Iron Pipe Co., San Francisco, $39,760.53.

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SACRAMENTO, Cal.—Identical low bids at $492.75 were received by the U. S. Engineer Office, Sacramento, under Proposal No. 1105-36-16, for the erection of approximately 1095 lin. ft. of continental chain link fence, 8-feet high, with extension arms and barbed wire, including the furnishing of cement and aggregates, along the Sacramento Weir, near Lovdale, from the following:

Anchor Post Fence Co., S. F.; Kamlan Fence Co., S. F.; Western Steel & Wire Co., S. F.; Wayne Iron Works, S. F.; Michel & Pfeffer Iron Works, S. F. and Wickwire-Spencer Co., S. F.

The other bids were:

Standard Fence Co., Oakland, $493.
Markwart Co., Sacramento, $536.55.
Pacific Fence Constr. Co., Los Angeles, $2109.

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $1,340 awarded contract by the Redwood City Elementary School District for constructing, repairing and resurfacing with an emulsified asphalt wearing surface, the existing paved portion of the playgrounds immediately adjoining the McKinley Elementary School located on Duane and James Sts., Redwood City.

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto	$1,340.00
Ed Padger, Redwood City	1,673.20
M. A. Grant, Redwood City	1,870.60
Garcia Const. Co., Irvington	2,350.00
H. E. Casey Co., San Mateo	2,702.50

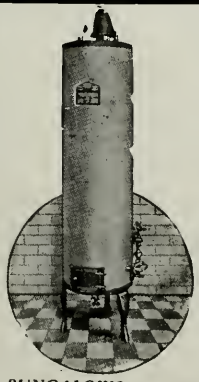
CONTRACT AWARDED

BERKELEY, Cal.—Berkeley Hardware Co., 2154 University Ave., Berkeley, at $876.53 awarded contract by Berkeley City Council for furnishing materials only for fences around two tennis courts in Codornices Park

Complete bids follow:

Berkeley Hardware Co.	$ 876.53
Standard Fence Co., S. F.	876.53
West Coast Wire & Iron W'ks San Francisco	1,166.00

Identical bids at $1,170.08 were submitted by following: Western Steel & Wire Co., Kamlan Fence Co., C. J. Waterhouse, Pacific Coast Fence Co., Wickwire Spencer Co., and Dwight Way Hardware Co.



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

Section 1364½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Cal
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

Ask PWA Funds For 1031 Western Projects

Advertise $1,850,000 Navy Dep't Work

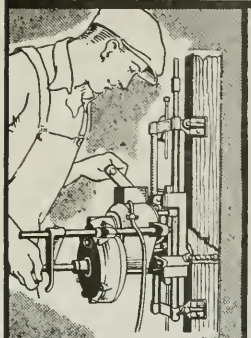
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ST 17, 1935

Vol. XVIII—No. 33

WAPPAT Electric TOOLS



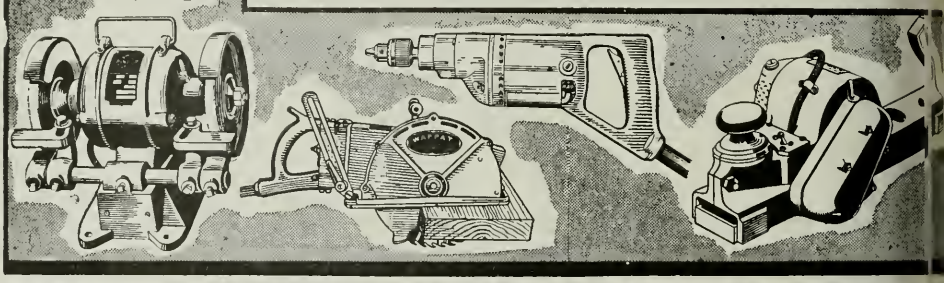
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

'ol. XVIII SAN FRANCISCO, CALIF., AUGUST 17, 1935 No. 33

ARMS. BROS. LOW BIDDER ON TWO JOBS

Sacramento Firm Wins State Highway Drainage Contracts

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, Aug. 14.—Harms os., 5220 Twenty-first Ave., Sacmento, today submitted low bids gregating approximately $54,500 the State Highway Commission two contracts for installing culrts and underdrains in El Dora County and in Nevada and Plac Counties.

For installing perforated metal be underdrains and corrugated etal pipe culverts on about 3.7 iles in Nevada and Placer Coun s Harms Bros.' low proposal was 5,981. Total bids were as fol ws:

rms Bros., Sacramento	$35,981
o. Pollock Co., Sacramento	38,995
bert H. Siemer and John J. Carcano, San Anselmo	39,144
mstreet & Bell, Marysville	43,062
M. Ball, Berkeley	52,710

The low bid of Harms Bros. for stalling culverts, underdrains and illway assemblies on about 7.9 iles in El Dorado County was $18-6. Total bids on this contract ere:

rms Brothers	$18,626
J.B. Const. Co., Stockton	20,306
mstreet & Bell	25,298
bert H. Siemer and John J. Carcano	27,723
M. Ball	27,864
orge Pollock Co.	30,005
C. Seidel, Oakland	38,350

(Complete unit bids on both ojects appear in Advance Report ction.)

RCHITECTURAL CLUB HOLDS INITIATION

Nine new members were initiat d into the San Francisco Archi ctural Club at its meeting Tues ay night. The new members are: Opie, A. Granish, J. Hunter, m. Carter, Chas. Schultz, Theo. ehr, L. F. Nielsen, Edwin Lang art and A. Lindgren.

Initiation ceremonies were con ucted by a delegation from the acific Rod and Gun Club headed y President Joe Springer.

FRESNO JOB GETS FIRST PWA FUNDS

Application of Fresno County Waterworks District No. 2 for a $29,090 loan and grant to rehabilitate its water distribution system has been approved by the Federal Public Works Administration, according to word received from Washington. Although the district's application was filed under the old PWA program a grant of 45 per cent of the project's total cost has been approved.

"So far as we know here, this is the first California PWA project to receive an allotment under the new work-relief program," Acting State Director A D. Wilder said yesterday.

State WPA Offers $2,197,000 Jobs For Capital Okeh

Applications for projects to be operated under the new $4,000,000,000 federal work program are being moved to Washington for fina approval at a rapidly increasing rate, it was announced yester from California Works Progress Administration headquarters he Within the past week projects estimated to cost $2,197,018 have been forwarded to the national capital. These include work enterprises planned for every part of the state and will provide employment for skilled, semi-skilled and unskilled and professional and technical workers, including numbers of women, Works Progress Administrator Frank Y. McLaughlin announced.

Projects submitted to Washington to date are from all of the 12 WPA districts of the state with the exception of Dist. No. 1 for which headquarters are maintained at Redding. Applications from this district will be forwarded for approval within a few days.

Domestic shipments of white lead and oil for the first 6 months of 1935 were 26 per cent greater than during the corresponding period of 1934, according to a statement of the Lead Industries Association.

NAVY ADVERTISES $1,850,000 WORK AT PACIFIC BASES

Panama and Pearl Harbor Improvements to Be Contracted

Bids on three Hawaii and Panama Canal Zone building projects, total cost of which is estimated at approximately $1,850,000, are scheduled to be opened by the Navy Department in Washington October 9. The projects are located as follows:

Pearl Harbor, T. H.: Construction of barracks, mess hall and 25 quarters at the Naval Fleet Air Base, to cost about $900,000. In addition to construction of the buildings, which are to be concrete, the contract includes plumbing and electrical work, a refrigerating and ice cream plant, cold rooms and refrigerated drinking fountains.

Balboa, C. Z.: Construction of facilities at the Naval Ammunition Depot to cost approximately $750,000. Work includes administrative building, shops, storage building, barracks, mine assembly and storage buildings, surface and sub-surface magazines, a beacon tower, highway bridge, water tank and tower, distributing systems, roads and walks.

Coco Solo, C. Z.: Construction of buildings, roads and services at the Naval Ammunition Depot and Submarine Base. Estimated cost of the work is $200,000. The project includes construction of quarters, an office and inert storehouse, smokeless powder magazines, six house shelters, a bridge, and water, electrical, plumbing and telephone systems.

REGISTERING NEVADA CIVIL ENGINEERS

A. R. Thompson, secretary of the Nevada state board for registration of civil engineers, has opened offices in Reno and is receiving applications for registration in accordance with the act passed by the last state legislature. Applicants will be registered prior to October 1 upon showing of competency without examination.

PWA Administrator Finds 1031 Applications For PWA Projects In Western State Offices

Nearly 3,000 applications for loans and grants totalling $667,648,000 for local public works projects have been submitted to PWA state directors since opening of the new works program.

Engineering, legal and financial examiners sent out from Washington in the decentralization of PWA to assist state directors in expediting the new program have passed on and forwarded to Washington for final action 563 applications for loans and grants totalling $107,468,000.

The 563 applications received in Washington call for grants totalling $78,600,000 and loans of only $37,168,000, showing a widespread ability of local communities to finance their share of the cost of their projects without help from the government, due to the increasing demand among private investors for municipal bonds. The grants applied for are to cover 45 percent of the cost of the projects.

From Salt Lake City, Col. Horatio B. Hackett, Assistant PWA Administrator, yesterday reported to Administrator Harold L. Ickes that the West has prepared a balanced program of useful, permanent public works projects which it prizes sufficiently to meet 55 percent of the cost locally to match the Federal grant of 45 percent. In sixteen western states covered by Col. Hackett and a party of PWA officials in a personal inspection survey, 1,031 project applications were on file last week. A heavy daily influx of new applications warrants the expectation that from two to four times as many more applications will be filed in the western states within the next six weeks, Colonel Hackett reported.

Colonel Hackett, with heads of his examining divisions, is completing a flying trip visiting all the states west of the Mississippi to gauge the progress of the new program as the filing of applications approaches its peak. In the sixteen states were Colonel Hackett has held conferences with the P W A state directors and their forces each state has reported progress on the new program advanced beyond that at a similar period when the first PWA program was launched two years ago. The desire of communities to match the Government's offer in financing employment giving works of a permanent character has been reinforced by experiences of the various communities with the PWA in its first program. Many of the communities now seeking new projects are the same which came to PWA two years ago and as a result now have completed projects or have projects under construction which will be completed this autumn.

Colonel Hackett reported to Administrator Ickes that a number of communities were so desirous of paying the prevailing wage that they made financial sacrifices in coming to PWA which permits the prevailing wage on construction projects rather than seeking to qualify projects as relief work with the government bearing a larger percentage of the financial burden.

The West's cry for more water was heard in a number of the arid states where communities consulted with Colonel Hackett and his party on ways and means of qualifying water conservation projects. During the conferences with the state forces, Colonel Hackett and his assistants managed to solve a number of problems which were delaying procedure in state offices and he was also consulted by many officials of public bodies as to the best method of presentation of large projects.

In Los Angeles local officials after receiving specific information decided to go ahead with a large school building program required because of earthquake damage. San Francisco will attempt to qualify its first subway as a PWA project, and Portland, Oregon, is presenting a comprehensive sanitary and storm sewer building program.

With an increasing number of applications being filed in state offices daily the report on filings under the new program at the state headquarters at the time Colonel Hackett visited them during the past week was as follows: Ohio 93; Indiana 60; Missouri 52; Kansas 35; Oklahoma 40; Texas, 178; New Mexico 26; Arizona 32; California 116; Oregon 35; Nevada 35; Washington 195; Montana 40; Idaho 36; Utah 23. The assistant administrator's report to Washington was sent from Utah. Before returning to Washington the field survey party will visit PWA state headquarters in Colorado, Nebraska, Iowa, Minnesota, Wisconsin, Illinois and Michigan.

ANNOUNCES NEW TYPE LIGHTING ANALYZER

An illumination analyzer designed for illumination engineers who wish to analyze volt and current consumed in addition to foot candle intensities and light distribution is announced by Westinghouse Electric and Manufacturing Company. The instrument consists of a light meter and combination voltmeter-ammeter with all necessary cable extensions, switches and plugs in a compact case.

Complete illumination analysis requires measurement of input as well as output to obtain efficiency, according to the manufacturer. The watts input to the lighting circuit is measured with the analyzer by taking a reading of current and voltage. Light output is measured with the Photox cell foot candle meter supplied as part of the unit.

OILING JOBS ADVERTISED ON STATE ROAD

District Offices Taking Bi For Traffic Striping Contracts

Three oiling contracts were a thorized for advertising this wee by the State Highway Commissio bids to be opened September 4 a 5 in Sacramento and Los Angele The projects are located as f lows:

San Luis Obispo County. Appl ing seal coat on about 21.2 mil between Estrella River and t easterly boundary. The work w require 232 tons liquid asphalt a 2,250 tons screenings. Bids op September 4 in Sacramento

Inyo County: Road mix surfach on about 54 miles between Pan mint Sink and the county line. B ding items are 2,675 tons of liqu asphalt and 550,000 square yar preparing, mixing and shaping roa bed. Bids will be opened in Sac mento September 4.

San Bernardino County: Roa mix surfacing and applying se coat on about 42.6 miles betwe the northerly boundary and Bake The work will require approximat ly 3,550 tons liquid asphalt, amo other items. Bids open Septemb 5 in Los Angeles.

The district engineer in Mary ville will open bids August 26 f three state contracts, for applyin seal coat on about 18.8 miles at v rious points in Nevada, Placer a Butte Counties; for application traffic stripe on some 402 miles Sacramento, Placer, Yuba, Sutte Butte, Yolo, Colusa, Glenn, El D rado and Nevada Counties; and f 27.1 miles of asphalt treatment Butte, Yolo, Colusa and El Dora Counties.

Bids for asphalt treatment about 24.6 miles in Calaveras a Alpine Counties will be opened the district engineer in Stockt August 26.

On August 20 the district en neer in San Luis Obispo will op bids for application of traffic stri over about 560 miles in San B nito, Monterey, San Luis Obis and Santa Barbara Counties.

MARKED INCREASE IN RECORDED CONTRACT

Builders' contracts and bonds r corded in San Francisco during t fiscal year 1934-35 totaled 212, compared with 177 during the p ceding fiscal year, according the annual report of City Record Edmond Godchaux issued Satu day.

Liens and releases of liens d creased sharply, with 322 filed du ing the year ended June 30 as co pared with 502 during the previo year. A total of 515 acceptanc were recorded during the past ye Mr. Godchaux reported, as compa ed with 656 during the 1933-34 p riod.

IRST DAM OF WATER DISTRICT IS COMPLETED

ontractors Adding Equipment To Speed Finish Of Conservation Structures

asona Dam has been completed, ed H. Tibbetts, chief engineer of h Santa Clara Valley Water Conservation District, reported to the ard of directors at their August eting. The dam is first of six ns being constructed to conserve n-off waters for irrigation of the rthern Santa Clara valley.

Already 1,041,013 cubic yards of dt have been moved in the consuction of the six dams.

arl N. Swenson, contractor for the Vasona dam, moved 60,016 cu. s. Contractors F. O. Bohnett and MacDonald in completing 44 per cnt of the Calero dam have already moved 476,843 cubic yards.

The Macco Construction Co. has npleted 26 per cent of the huge Coyote dam, which is rolled earth al rock filled. The firm has move 320,153 cubic yards of dirt. A. Tichert & Sons of Sacramento in npleting 25 per cent of the work o the Guadalupe dam have moved 19,315 cubic yards.

Stevens Creek dam, which is now 2 per cent complete, is being consucted by Bohnett & MacDonald, wo have moved 25,686 cubic yards. Actual construction work of the Anaden dam, also being built by Bonett & MacDonald, is just starting, but 28,000 cubic yards have already been moved in stripping fundations. Tibbett's report was f activities completed by Aug. 1. Bohnett & MacDonald have been authorized by the district to sub-let portions of the Stevens Creek project to Crow Brothers of Beaumont, who will bring in nineteen pieces of equipment and portions of the Anaden Dam to J. F. Collins of Chico who is bringing 12 pieces of earth-moving equipment to the site.

EPORT ON BRIDGE LABORATORY TESTS

A report of a series of laboratory tests of three-span reinforced concrete arch bridges with decks of slender piers is contained in Bulletin No. 270 of the University of Illinois Engineering Experiment Station. Objects of the investigation, as outlined by Authors Wilbur M. Wilson and Ralph W. Kluge were to determine the magnitude and position of the thrust due to the design load; the maximum carrying capacity of the three-span structure; and the effect of intermediate expansion joints in the deck on the load carrying capacity of the structure.

Copies of the bulletin may be obtained without charge from Engineering Experiment Station, Urbana, Illinois.

STATE BUILDING FUND $3,750,000

State officials in charge of the institutional building program yesterday were preparing to stretch the $3,750,000 special appropriation voted by the last legislature to cover aa many hospital additions as possible with the aid of supplemental P W A grants. Defeat of the proposed $13,950,000 building bond issue at Tuesday's special election means curtailment of the projected institutional building program and abandonment of the $3,500,000 Southern California prison, $1,000,000 addition to the Los Angeles State Building and $950,000 addition to the State Capitol. However, urgently demanded additions to the state hospital system will be completed with the funds available from the current appropriation and this work is being rushed to the contract stage as rapidly as plans can be completed by the State Division of Architecture. It was reported yesterday that an effort to obtain money for more of the state building program, particularly the additional prison facilities, will be made when the legislature reconvenes in special session about the first of the year.

San Jose Clinic Nets $172,000 Loan Applications

San Jose property owners applied for government-insured loans aggregating $172,860 during the three-day mortgage clinic conducted in that city last week by the Federal Housing Administration, according to Frank McVeigh, field representative in charge. It is estimated that in addition to the amount actually signed up during the clinic applications for additional loans totaling more than $250,000 will be filed during the next month.

Applications filed last week numbered 47, Mr. McVeigh said, making an average expenditure of $3,676 per job. He estimated 70 per cent of the total was for new construction and the balance to finance modernization of existing structures.

MINIATURE CATALOGUE ISSUED BY WING CO

A calling-card containing a miniature catalogue of the firm's line of heating, ventilating, blower and turbine equipment has been issued to salesmen and representatives of the L. J. Wing Manufacturing Co., 154 West 14th Street, New York City. Copies of the catalogue-card may be obtained without charge from the Wing company.

GRIFFITH CO. LOW BIDDER ON CAJALCO DAM

Six Contracting Groups Offer Proposals To Construct Aqueduct Reservoir

LOS ANGELES, Aug. 12.—The Griffith Co., Los Angeles, today submitted the low total bid for construction of the Cajalco Reservoir, terminal of the Colorado River Aqueduct. The bid was $4,646,856.

The Metropolitan Water District directors received six proposals for the contract, the total bids being:

Griffith Company	$4,646,856
L. E. Dixon, Bent Bros. and Johnson, Inc.	4,742,319
Columbia Construction Co.	4,769,986
Macco Const. Co., Emsco Derrick & Equip. Co. and Broderick & Gordon	4,837,777
Walsh Const. Co. and Guy F. Atkinson	4,873,252
W. E. Callahan Const. Co.	5,230,973

Site of the Cajalco reservoir is about ten miles southwesterly from the city of Riverside and due east of Corona.

The main structure is to be an earthfill dam 194 feet in height and there is also to be constructed an auxiliary earthfill 72 feet in height. The main dam will be 2584 feet long at the crest and the dike fill will be 7574 feet in length. The fill to be placed in bith structures exceeds 7,500,000 cubic yards.

The contract includes also construction of a 2000-foot diversion tunnel, concrete lined to 9-ft. diameter and outlet tunnel 2565 feet long and 14-foot diameter. The latter will be steel cylinder lined with concrete backing and gunite facing

$137,000 LOANED FOR RICHMOND REPAIRS

Loans aggregating $137,524 have been made to Richmond property owners for modernization and repairs since the start of the housing campaign last year, results of a recently concluded Federal Housing Administration survey show.

To April 29 this year some $64,000 had been loaned, during the three months following an intensive drive was conducted under the direction of Campaign Manager Charles Park, resulting in additional loans totaling $72,075 being closed, it is reported.

REDDING CAMPAIGN NETS $400,000 WORK

Since the start of the Redding better housing campaign expenditures aggregating over $400,000 have been pledged for new construction and modernization, according to reports from canvassers. A total of 96 new buildings to cost $271,600 and 269 modernization jobs costing $138,506 have been reported.

MORE CABLES LAID ACROSS GOLDEN GATE

Contractors Speed Catwalk Raising to Eliminate Interference With Ships

With nine of the foot bridge cables of the Golden Gate Bridge in place the work of laying the remaining 16 wire ropes and hoisting them to the tops of the 746-foot towers will be speeded up this week, according to the progress report of Chief Engineer Joseph B Strauss.

Laying the cables across the Golden Gate has resulted in numerous delays to shipping and the chief engineer declared that every effort will be made to get this part of the work over with as soon as possible.

Meanwhile the floor structure for the two foot bridges is being assembled on the site, together with cable spinning material and, it is anticipated, the actual spinning operations will commence before the 1st of September, or, at least, soon after that date.

Work is being continued on the concreting of Pylon S-2, just south of Fort Winfield Scott on the San Francisco side of the Gate and pile driving at the eastern end of the low viaduct is to be resumed following the removal of army structures, which were on the bridge approach right of way.

On the Marin side of the Golden Gate the concrete foundations for the steel approach viaduct that will extend from the anchorage to the abutment, now completed, is under way.

In excess of 5,000,000 pounds of steel cable wire has arrived here to date and is stored at the California City plant of the John A. Roeblings Sons Co. in readiness for the spinning to commence.

During the past week an average of 300 men were employed on the bridge proper, 160 of these being employees of the cable contractors.

PARK EXPENDITURES CONTROLLED BY U. S.

Construction work in state parks which is financed entirely by federal funds does not come under jurisdiction of the State Department of Public Works, Attorney-General U. S. Webb has ruled. The work is supervised from offices of the National Park Service, Underwood Building, San Francisco, and includes work done by some thirty CCC camps in California.

The attorney-general's ruling confirms an opinion expressed by State Architect George B. McDougall.

Deep well water systems valued at $605,978 were shipped during the first six months this year, as compared with $454,578 during the same period last year, according to Bureau of the Census statistics.

69% OF CITIES SHORT DWELLINGS

Higher real estate prices and improving rents are reported generally throughout the country, the National Association of Real Estate Boards finds in its twenty-fifth semi-annual survey, just completed. A shortage of single-family homes is reported in 69 percent of cities studied.

The supply-demand situation for apartment space is little changed from that of six months ago. Of cities reporting, 29 per cent show a shortage. Some further absorption is shown in business property.

Real estate boards in 81 per cent of the cities state it is possible to obtain loans for new home building, but that loans actually negotiated are few and extremely conservative. The tendency is toward 50 per cent loans, 60 per cent for new home construction. Few communities show loans on practicable terms for operative builders

$340,000 Approved For Completion of Vale Project Canals

An allotment of $340,000 to the Bureau of Reclamation for the completion of Vale Reclamation Project in Oregon has been approved by the President.

The Vale project, the total cost of which is $5,000,000, when completed will provide a stable water supply for 30,000 acres of land near Vale, Oregon. It was started with reclamation funds, and continued since 1933 by Public Works allocations.

Half the area now has water delivered to it. Complete use of the irrigation works will be made possible by the completion with this allotment of the canals and distribution system.

This project will provide 208,000 man-hours of employment. It will be wholly self-liquidating, since water users will contract for repayment of the expenditures.

The project is in line with the President's established policy to buy and take ten acres of land out of production for each acre that is put into cultivation through reclamation and irrigation projects.

PRIVATE BUILDING GAINS IN SAN JOSE

The largest month of private building in San Jose in 22 months is reported by Building Inspector Robert V. Lotz with 69 permits issued for work to cost $184,885. This is the highest monthly figure exclusive of public building reported in San Jose since September, 1933, when a $214,735 total was recorded. Largest permit issued last month was for the $88,000 Southern Pacific depot.

CATWALK CABLE JOINS CITY TO YERBA BUEN

Work Progressing On Mar Sectors of San Francisco-Oakland Crossing

Yerba Buena Island has no been tied to San Francisco wi ropes of steel.

The eight twisted-wire 2¼-inc catwalk ropes were all suspend between the concrete center a chorage (Pier W-4) and the isla last week, and the placing of mes flooring was started, Chief Eng neer C. H. Purcell reports.

San Francisco

Paving of the main approach the bridge has been continued we of Fourth Street by the Healy-Ti bitts Construction Company, as h the filling in of the Fifth Stre Plaza.

Harrison Street is being lowe ed on Rincon Hill.

Construction of concrete girde for the "on" ramp has been co tinued.

West Bay Superstructure

The Columbia Steel Company h completed the spinning of the thi set-up of four strands in the sou cable and the third set of fo strands is fifty per cent comple in the north cable, thus makl the suspension cables between S Francisco and the center anchc age now thirty per cent complet

Yerba Buena Island

Clinton Construction Compan last week placed thirty-nine feet concrete roofing in the vehicul tunnel piercing Yerba Buena I land, which completes the linl for half the length of the tunne or a total of 274 feet.

The excavation of the rock co within the tunnel lining has bee started by steam shovel crev working in from the east porte

East Bay Superstructure

The third 55-foot panel of t west cantilever arm has been co pleted by the Columbia Steel Co pany, and paving operations ha continued on the 508-ft. spans.

Administration Building

Contract for the construction the Administration Building w awarded to the low bidder, Cli ton Construction Company, on bid of $360,857, and the contract is already moving in equipme preparatory to building operatio

Distribution Structure

The East Bay Distribution Stru ture in Emeryville is now we along in the foundation stage, wi the first concrete girder spa poured last week by Barrett a Hilp, contractors.

Berkeley

Exavation for the Folger Aven subway has been continued by F. Knapp, contractor, and the pla ing of foundation slabs has co tinued.

nsured Housing Loans Over $50,000,000 In July; Officials Predict Steady Gain

Dealers in building supplies, who have been benefited by the not-ple revival of building activity in the first six months of the year, can ok ahead with gratifying anticipation for good business during the tter six months of the year, according to officials of the Federal Hous-ıg Administration.

Estimates made at the beginning of the year as to the extent of uilding recovery for 1935 have been revised upward as increases are ecorded for residential building.

rogress has been uninterrupted nce the first of the year. Along ith the new building under way ıs been added a steadily increas-g volume of modernization work ade possible by the extension of edit by financial institutions ap-roved by the Federal Housing Ad-inistration.

Throughout the month of July ıe greatest progress yet recorded y financial institutions in moder-ization credit extended and mort-ıges insured under the mutual ortgage insurance plan of the ederal Housing Administration is nnounced by Acting Administra-or Stewart McDonald. The last ay of July showed the largest ily volume of business by these rivate lending institutions.

Insured modernization and repair otes for the day of July 31 amount-d to $2,144,710. For the month of ily they totalled $21,084,565. For ıe entire period of operation since ıe modernization credit plan was egun in Aug., 1934, they amounted) $113,071,642. Notes for amounts f more than $2,000 insured under ıe amended provisions of the Na-onal Housing Act, are not includ-d in these totals.

That new residence building will o on apace during the latter six ıonths of the year is indicated by ıe increased number of home uilders who are financing their perations under the mutual mort-age insurance plan of the Federal ousing Administration.

Mortgages selected for appraisal vith fees paid for the day of July 1 amounted to $1,242,355. They to-alled $32,712,769 for the month of uly and for the entire period of peration since the mutual mort-age insurance plan began to func-ion last December they totalled 122,518,711.

All the money advanced under oth the modernization credit plan nd the mutual mortgage insurance lan is private capital released by private financial institutions to individuals and business concerns through the insurance provided by the Federal Housing Administration. In addition the general program has directly stimulated cash modernization work estimated by field directors of the Federal Housing Administration at more than $670,000,000.

These figures bring the grand total of insured modernization and repair notes and mortgages selected for appraisal to $3,387,420 for the largest day, to $53,797,325 for the largest month, and to a grand total of $235,590,353 for both parts of the Federal Housing Administration program.

The progress in thawing out of private capital under both plans of the Federal Housing Administration program is shown in the following monthly figures:

	Modernization & repair notes insured	Home Mortg'ges Selected for Appraisal with Fees Paid	Insured Notes & Mortgages Selected
1934			
August	$ 251,595	Not in operation	$ 251,595
September	3,274,425	"	3,274,425
October	8,834,565	"	8,834,565
November	9,852,992	Offices not reporting	9,852,992
December	8,237,006	129,150	8,366,156
1935			
January	$ 6,582,034	$ 2,418,390	$ 9,000,424
February	5,269,524	4,645,684	9,915,208
March	7,814,722	8,991,872	16,806,594
April	11,300,416	14,925,478	26,225,894
May	14,415,746	28,362,676	42,778,422
June	16,154,042	30,332,692	46,486,744
July	21,084,565	32,712,769	53,797,334
Grand Totals To Date	$113,071,842	$122,518,711	$235,590,353

CITY PLANNING $649,000 WORK

Two PWA grants to aid in financing building projects estimated to cost approximately $649,000 will be requested by San Francisco immediately, authority to apply for the funds having been given Mayor Rossi by the Board of Supervisors this week. The city will seek grants for construction of machine shops at George Washington High School and Marina Junior High School, an auditorium at Daniel Webster School, and 8 classrooms at Aptos Junior High School; and for restoration of the Palace of Fine Arts. Cost of the school work is estimated at $585,973 and the Palace of Fine Arts restoration at $63,700.

MATERIAL PRICE AVERAGE STEADY IN JUNE-JULY

Minor Changes In Some Items Balance Index For 60-Day Period

Building material prices in June and July fluctuated slightly due to changes in various items, but the average for the group on July 27 was within two-tenths of one per cent of the June monthly average according to figures of the U. S. Bureau of Labor Statistics.

The June index rose six-tenth of one per cent over the May index due to advancing prices of lumber and miscellaneous items. The rise was partially balanced by fractionally lower prices reported in brick and tile and paint and paint materials. Average prices of cement and structural steel was steady. The index for the month was 85.3

The fourth week of July index was 85.1. This was an increase from the index of 84.9 for the week previous. A 4.7 per cent rise in market prices of plumbing and heating materials was largely responsible for the increase recorded. Other subgroups showing fractional increases were lumber, paint and paint materials and miscellaneous building materials. The subgroups of brick and tile, cement and structural steel remained at former levels.

Following are the comparative index figures for June of the past three years:

	June 1935	June 1934	June 1933
Building materials	85.3	87.8	74.7
Brick and tile	89.2	91.1	77.0
Cement	94.9	93.9	81.8
Lumber	81.6	86.3	67.4
Paint and paint mtls.	79.8	80.3	71.9
Plumbing and heating	66.2	75.1	67.4
Structural steel	92.0	94.5	81.7
Other bldg. matls.	90.0	92.0	80.6

NEVADANS APPLY FOR $800,000 FHA LOANS

Applications for federal insured loans aggregating $805,793 have been received by Nevada headquarters of the Federal Housing Administration, it is reported. New building and refinancing of mortgages account for $430,793 of the total figure, the balance of applications being for modernization and repairs.

FHA officials reported a marked increase in the number of applications received during the first few days of the current month.

INSULITE FOLDER

A folder, "Living Comfort in Spite of Hot Weather," demonstrating the use of Insulite in reclaiming waste attic space by converting it into livable rooms, is a recent publication of the Insulite Co. Copies may be obtained from the Insulite Company, Builders' Exchange, Minneapolis, Minn.

OGDEN PROJECT GIVEN $500,000 OF NEW FUND

Appropriation To Complete Dam, Construct Pipe Line And Canals

Allotment of $500,000 to the Bureau of Reclamation for completion of the Ogden River Project, Ogden, Utah, has been approved by the President.

This allotment will carry to completion construction of Pine View Dam, seven miles north of Ogden, construction of a 75-in. wood stave pipe line and 25 miles of canals to Brigham City, and it also will provide for reconstruction of the Ogden city water supply system.

Ogden now gets its water from an artesian basin located a few hundred yards above the Pine View Dam. This basin will be submerged. At present the flow of the wells is collected in a main which delivers the water to Ogden

It now becomes necessary to reconstruct the pipe lines which collect the water and the main leading to Ogden.

In the original estimates of the Pine View project, it was expected that the city of Ogden would be able to finance this work. It has been unable to do so. A contract has been executed through which the United States, through the Bureau of Reclamation, will do the work, the cost to be repaid by Ogden with four percent interest in ten annual installments.

The project will provide 291,200 man-hours of employment

Nevada Engineer Reports $1,467,000 Requests on File

Seven applications have been filed with the Nevada office of P W A for financing of non-federal projects under the new program, J. L. Vandiver, acting state director, announces. The total sought is $1,467,948.

The applications under the new program are as follows:

Las Vegas school fire escape only	$ 2,317
Nevada state highway dept., materials & research lab., grant only	17,181
Washoe county, court house and jail; loan & grant	285,000
Austin, school gym., grant	8,100
Fernley, sewer	600
Pioche, Boulder dam power line	1,120,000
North Las Vegas, water system	34,750
Total	$1,467,948

California Erosion Control Projects Given U. S. Money

An allotment of $809,122 has been set aside for the state of California from funds granted the Soil Conservation Service to establish three new demonstration erosion control projects and to continue three existing projects, according to H. H. Bennett, chief of the service.

The new projects will be located in Orange, El Dorado and Solano counties. The existing projects are in Ventura, San Luis Obispo and Santa Cruz counties.

The new project in Orange county will cover approximately 25,000 acres along Allso Creek, near the town of Santa Ana, in the central section of the county. The El Dorado project will comprise approximately 10,000 acres in the west central portion of the county near the town of Placerville. The third new project will cover approximately 8,000 acres in the west central portion of Solano county near the town of Fairfield.

For the present, work in the state will be under the direction of Harry E. Reddick, Regional Director in charge of the existing Soil Conservation Service projects in the state. Each of the new projects will be placed in charge of a project manager as soon of reorganization of the Service field staff can be completed.

In accordance with the provisions of the Works Relief Act, 90 percent of the labor to be employed under the expanded state program will be taken from local relief rolls wherever possible.

Actual work in each area will include terracing, construction of inexpensive check-dams for gully control, sloping and revegetation of gully banks, construction of diversion ditches and waterways and other mechanical devices for controlling excessive runoff of rain water.

TWO ELECTED TO CENTRAL A. G. C.

Election of two new members of the Central California Chapter, Associated General Contractors, is reported by W. E. Hague, secretary-manager. William C. Keating, Sacramento building contractor, a former member of the Alameda County Chapter, A.G.C., has joined the new chapter as a representative of the Sacramento Master Builders Association.

Central Supply Co., San Mateo, has been elected to associate membership.

OPENS EXHIBIT

Wm. O'Keeffe, local representative of the Watertite Hardware Company, has installed a complete exhibit of the company's products at 557 Market Street where contractors and architects may inspect them at their convenience.

CONTRACTORS' REGISTRATION GAIN REPORTED

1934-35 Licenses 13% Above Previous Year's Figure, Bonelli Says

Registration of California contractors gained 13 percent during the fiscal year ended June 30 over the previous year, according to the report of Registrar of Contractors Wm. G. Bonelli to the governor. The total of 23,952 contractors were registered during the 1934-35 period, as compared with 22,470 in the previous fiscal year.

"Coincident with the increase in construction operations throughout the State, as evidenced by reports from our inspectors in the field and by the greater number of original applications for licenses, the number of formal complaints filed with the registrar charging contractors with derelictions has dropped somewhat," the report states. "This situation, however, is probably to a large degree seasonal, as the Bureau's complaint work has usually been at a low peak during the summer months.

"With the induction into service of several new inspectors under the recently enacted strict Civil Service laws, the territories of the field force of the department have been altered somewhat in the interests of both economy and quicker service to the public. With the exception of the office forces of the Bureau, it is a matter of interest to not that the entire personnel of this Department has now had considerable experience either in actual construction work or construction law enforcement work."

State Architect Re-hires Employes Dropped in 1933

Seventeen architects and draftsmen laid-off by the State Division of Architecture in 1933 have been returned to their jobs and three additional appointments made due to the rush of work on the new state building program, according to Director of Public Works Earl Lee Kelly.

Mr. Kelly said it was the intention to do all designing of buildings in the state division office under State Architect George I. MacDougall. This policy will apply both to the $3,750,000 work authorized by the last legislature under special appropriation and the $13,950,000 program contingent upon passage of the state bond issue August 13.

Sales of residential mechanical stokers during the first six months this year totaled 8,479, as compared with 4,667 during the first half of 1934, the Bureau of Census reports.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

N	Owner	Contractor	Amt.
78	Tufts	Masarie	4000
79	Hunt	Wagner	3000
79	Crocker	Taylor	5000
79	Commercial	Owner	2000
79	Crocker	Wilbe	4000
80	Usher	Stoneson	5000
80	Seaside	Michel	1250
80	McGilvray	DuPuy	9000
80	Crocker	Wilbe	4000
80	Brennan	Owner	2000
80	Gump	Mullen	3800
80	Seaside	Michel	1250
80	Lindsay	Owner	3000
80	Greenbrae	Owner	1800
80	Struthers	Owner	3000
80	Locke	Owner	1000
80	Permento	Owner	3500
80	Doelger	Owner	4000
80	Blue	Lindsay	4000
80	Sullivan	Unit	1000
80	Doelger	Owner	4000
80	Doelger	Owner	4000
80	Geisel	Faggioni	4000
80	Garibaldi	Barsotti	5000
80	Garibaldi	Barsotti	5000
80	Doelger	Owner	4000
80	DeLuca	DeLuca	6000
80	Associated	—	1600
80	Orikav	Hansen	1000
80	Galli	Owner	3000
80	McKeown	Galli	4000
80	Schmidt	Schmidt	3000

ALTERATIONS
(65) NO. 16 SEVENTEENTH AVE Alter dwelling.
Owner—G. B. and Dr. John Tufts, 136 27th Ave., San Francisco.
Architect—Not Given.
Contractor — V. Masarie, 2550 19th St., San Francisco. $4000

ALTERATIONS
(96) NO. 825 PACIFIC AVE. Alter basement for restaurant.
Owner — Lilian Wray Hunt, 183 San Benito Ave., San Francisco.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $3000

ALTERATIONS
(97) NW POST AND GRANT AVE. Alter store and offices.
Owner — Templeton Crocker, Shreve Bldg., San Francisco.
Architect—Not Given.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco. $5000

ALTERATIONS
(98) 315 MONTGOMERY ST.; alter offices.
Owner—Commercial Union Ocean Group, premises.
Engineer—J. V. Jervis, 315 Montgomery Street. $2,000

DWELLING
(799) W MONCADA WAY 242 S Paloma; two-story frame dwelling.
Owner—George Crocker, % contractor.
Architect—Martin Rist, Phelan Bldg.
Contractor—A. J. Wilbe, Phelan Bldg. $4000

DWELLING
(800) S MONTEREY 110 E San Aleso; two-story frame dwelling.
Owner — Wm. H. E. Usher, Matson Building.
Architect—Chas. F. Strothoff, % contractor.
Contractor—Stoneson Brothers, 1630 Ocean Ave. $5,000

AUTO SUPPLY BLDG.
(801) NE 22nd AVE. and Taraval; auto supply building.
Owner—Seaside Oil Co., 2121 3rd St
Architect—Not Given.
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison St. $1250

ALTERATIONS
(802) 665-668 TOWNSEND ST.; alter warehouse.
Owner—The McGilvray Co., % contractor.
Engineer—Jas. Smith, 251 Kearny St.
Contractor—Fred DuPuy, 110 Sutter Street. $9,000

DWELLING
(803) W MONCADA WAY 182 S Paloma; two-story frame dwelling.
Owner—George Crocker, % contractor.
Architect—Martin Rist, Phelan Bldg.
Contractor—A. J. Wilbe, Phelan Bldg. $4000

ALTERATIONS
(804) 2423 26th AVE.; alter dwelling
Owner—W. J. Brennan, premises.
Architect—Not Given. $2,000

ALTERATIONS
(805) SE VAN NESS AVENUE and Geary St.; alter hotel.
Owner—S. & G. Gump Realty Co., 250 Post Street.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $3,800

SERVICE STATION
(806) NE SAN JOSE and Colonial; service station.
Owner—Seaside Oil Co., 2121 3rd St.
Architect—Not Given.
Contractor — Michel and Pfeffer Iron Works, 1415 Harrison St. $1,250

DWELLING
(807) W ALEMANY 25 N Theresa; one-story frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—Not Given. $3,000

ALTERATIONS
(808) 314 VAN NESS AVE. SOUTH; alterations for dairy.
Owner—Greenbrae Dairy, 320 Van Ness Ave. South.
Architect—Not Given. $1,800

DWELLING
(809) S NEY 75 E Craut; one-story frame dwelling.
Owner—Marshall T. Struthers, 4250 Mission Street.
Architect—Not Given. $3,000

ALTERATIONS
(810) 232 PT. LOBOS; alter dwelling.
Owner—Frank S. Locke, 2930 Lawton.
Architect—Not Given. $1,000

DWELLING
(811) N ARMY 110 W Sanchez; one-story frame dwelling.
Owner—Jos. E. Permento, 424 Duboce Avenue.
Architect—Not Given. $3,500

DWELLING
(812) E TWENTY-SIXTH AVE. 25 S Lawton St. One-story and basement frome dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(813) NW CAYUGA 225 NE Santa Ynez. One-story and basement frame dwelling.
Owner—Chas. Blue, 1727 Felton St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., S. F. $1400

ALTERATIONS
(814) NO. 220 KEARNY ST. Alter store.
Owner—Sullivan Pet Shop, Premises.
Architect—Not Given.
Contractor — Unit Built Fixture Co., 2663 Jones St., S. F. $1000

DWELLING
(815) E TWENTY-SIXTH AVE. 50 S Lawton St. One-story and basement frome dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(816) E TWENTY-SIXTH AVE. 75 S S Lawton St. One-story and basement frome dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(817) E KEITH ST. 65 S Oakdale St. One-story frame dwelling.
Owner — Mr. and Mrs. Geisel, 1458 Palou St., San Francisco.
Architect—Not Given.
Contractor — C. A. Faggioni and J Barsotti, 1567 Revere St. $4000

FLATS
(818) E PARKER AVE. 150 N Gearv St. Two-story and basement frame flats.
Owner—G. B. Garibaldi, 83 Boyce St., San Francisco.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $5000

FLATS
(819) E PARKER AVE. 12 N Geary St. Two-story and basement frame flats.
Owner—G. B. Garibaldi, 83 Boyce St. San Francisco.
Architect—Not Given
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $5000

DWELLING
(820) W THIRTIETH AVE. 150 S Lawton St. One-story and basement frome dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco
Architect—Not Given. $4000

FLATS
(821) SW PIERCE AND FILBERT Sts. Two-story and basement frame flats.
Owner—Arthur DeLuca, 2256 Jones St., San Francisco.
Architect—Not Given.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., S. F. $6000

ALTERATIONS
(822) SE OCEAN AVE AND JUNIpero Serra Blvd. Alter service staton.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco
Architect—Not Given
Contractor—Not Given. $1600

ALTERATIONS
(823) NO. 746 KANSAS ST. Alter dwelling.
Owner—Mrs. B. Orikav, Premises.

Architect—Not Given
Contractor—A. L. Hansen, 2083 19th Ave., San Francisco. $1000

OFFICES
(824) S WEST PORTAL 100 E 15th Ave. One-story frame offices.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(825) N MARKET ST. 400 W Hattie St. One-story frame dwelling.
Owner—J. H. McKeown, 624-A Guerrero St., San Francisco.
Architect—Not Given.
Contractor—R. F. Galli, 1574 28th Ave. San Francisco. $4000

DWELLING
(826) N CLIPPER ST. 178 E Sanchez St. One-story frame dwelling.
Owner—Adolph Schmidt, 3158 24th St., San Francisco.
Architect—Not Given.
Contractor — Schmidt Bros., 405-A Precita Ave., S. F. $3000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
595	Kelley	Owner	4300
596	Oakland	Owner	3750
597	Prfang	Owner	6000
598	Levison	Tarman	1000
599	Schroeder	Jones	2000
600	Hibernia	Christensen	5000
601	Oakland	Branagh	8267
602	Medis	Dooley	6000
603	Walker	Owner	5000
604	McKenzie	Walker	3000
605	Seaside	Michel	3000
606	Pacific	Herrick	1000
607	Capdevielle	Read	2500
608	Downey	Rich	1000

DWELLING
(595) NO. 7158 CHABOT ROAD, **OAKLAND.** One-story five-room dwelling.
Owner—James H. Kelley, 5874 Birch Court, Oakland.
Architect—Not Given. $4300

ALTERATIONS
(596) MOSSWOOD PARK., **OAKLAND.** Alterations and repairs
Owner—City of Oakland.
Architect—Not Given. $3750

DWELLING
(597) NO. 6197 OCEAN VIEW DR., **OAKLAND.** Two-story six-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—Not Given. $6000

SERVICE STATION
(598) 8001 E 14th St., **OAKLAND;** one-story brick service station.
Owner—Sam Levison, 1227 Russell St Berkeley.
Architect—Not Given.
Contractor—J. H. Tarman, 500 Broadway, Oakland. $1000

ALTERATIONS
(599) 1020 KEELER AVE., **BERKELEY;** alterations.
Owner—L. F. Schroeder, 1020 Keeler, Berkeley.
Architect—Not Given.
Contractor—C. Jones, 1211 Bonita St., Berkeley. $2,000

ALTERATIONS
(600) NO. 2049 BROADWAY, **OAKLAND.** Alterations.
Owner — Hibernia Savings & Loan Association, Jones and McAllister St., San Francisco.
Architect—Alleen Frahery, 1955 Webster St., Oakland.
Contractor — H. J. Christensen, 1955 Webster St., Oakland. $5000

CLASSROOMS
(601) HOPKINS ST. AND PARK Blvd. **OAKLAND.** Seven one-story classrooms.
Owner—Oakland Board of Education, 1025 2nd Ave., Oakland.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — John E. Branagh, 116 Monticello Ave., Oakland. $1181 ea

DWELLING
(602) NO. 3894 LYMAN ROAD, **OAKLAND.** Two-story 7-room dwelling.
Owner—Wm. I. Medis, % Contractor.
Architect—Not Given.
Contractor — Fred T. Dooley, 3936 Vale Ave., Oakland. $6000

DWELLING
(603) NO. 461 GRIZZLY PEAK Blvd., **BERKELEY.** Two-story six-room frame dwelling.
Owner——J. M. Walker, 1709 Grove St., San Francisco.
Architect—F. L. Confer, 2812 Russell St., Berkeley. $5000

DWELLING
(604) NO. 50 FOREST LANE, **BERKELEY.** One-story 5-room frame dwelling.
Owner—Hall McKenzie, 1729 Arch St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St, Berkeley. $3000

STATION
(605) NO. 4100 FOOTHILL BLVD., **OAKLAND.** One-story steel service station.
Owner—Seaside Oil Co., 2121 Third St., San Francisco.
Architect—Not Given.
Contractor — Michel & Pfeffer, 1415 Harrison St., S. F. $3000

ALTERATIONS
(606) NO. 3224 WOOD ST., **OAKLAND.** Alterations.
Owner—Pacific Graphite Works, 3224 Wood St., Oakland.
Architect—Not Given.
Contractor—Herrick Iron Works, 18th & Campbell Sts., Oakland. $1000

DWELLING
(607) NO. 5356 BOND ST., **OAKLAND** One-story 5-room dwelling.
Owner—E. V. Capedvielle, 3335 68th Ave., Oakland.
Architect—Not Given.
Contractor—Ernest Read, 4834 Foothill Blvd., Oakland. $2500

ADDITION
(608) NO. 4455 PIEDMONT AVE., **OAKLAND.** Addition.
Owner—Albert S. Downey, Premises.
Architect—Not Given.
Contractor—James L. Rich, 556 37th St., Oakland. $1000

BUILDING CONTRACTS
SAN FRANCISCO UNDER $1000

No.	Owner	Contractor	Amt.
168	Meyer	Oslund	150
169	Thornton	Tipton	168
170	O'Connor	Powers	122
171	Wright	Hanson	205
172	Geneva	Rolandelli	7340

ALTERATIONS
(168) NO. 1040 HURON AVE. All work for exterior painting and miscellaneous repairs to dwelling.
Owner—Florence Meyer, Premises.
Architect—Not Given.
Contractor—Rudolph Oslund, 3320 22nd St., San Francsico.
Filed Aug. 8, '35. Dated July 8, '35.
HOLC Contract .....
TOTAL COST, $150
Bond, $150. Surety, United St
Fidelity & Quaranty Co. Limit,
feit, plans and specifications, non

ALTERATIONS
(169) NO. 36 DEWOLFE STRE
All work for exterior paintin
dwelling.
Owner—John C. and Elizabeth
Thornton, Premises.
Architect—Not Given.
Contractor—Tipton & Soanes.
Filed Aug. 7, '35. Dated July 31,
HOLC Contract .....
TOTAL COST, $
Bond, $168. Surety, The Fideli
Casualty Co. of New York. Li
forfeit, plans and specifications, n

PAINTING
(170) 132 SEVILLE; miscellan
interior and exterior paintin
dwelling.
Owner—Frank and Frieda E. O
nor, 132 Seville.
Architect—Not Given.
Contractor—Frank Powers.
Filed, Aug. 10, '35. Dated, Aug. 3,
HOLC Contract.
TOTAL COST, $1
Bond, $122,50. Sureties, Central S
ty & Insurance Corp.

PAINTING AND REPAIRS
(171) 445 11th AVE.; interior pa
ing and miscellaneous repair
dwelling.
Owner—Walter & Frances L. Wri
445 11th Avenue.
Architect—Not Given.
Contractor—John E. Hanson.
Filed Aug. 10, '35. Dated, Oct. 27,
HOLC Contract.
TOTAL COST, $20
Bond, $205.25. Sureties, Hartford
cident & Indemnity Co.

BUILDING
(172) W SCHWERIN ST. 300 S S
nydale St. S 200xW 100. All wo
except grading, building offi
and electrical work for one-st
frame building.
Owner—Genevt & Sunnydale Nurs
ies, 798 Geneva Ave., San Fra
cisco.
Architect—Not Given.
Contractor—A. Rolandelli, 317 Gr
St., San Francisco.
Filed Aug. 12, '35. Dated Aug. 10,
Trusses in place.....$1
Building and roof sheathed..... 1
Exterior plastered 1
When completed 1
Usual 35 days..... 1
TOTAL COST, $7
Bond, none. Limit, 50 working da
Forfeit, plans and specifications, no

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	A
58	Brown	Armstrong	7

(58) ON 45 FOOT LOT ADJOINI
6040 Ocean View Drive, Oakla
All work for residence.
Owner—Mrs. Julia E. Brown.
Architect—Chester H. Trelchel,
58th St., Oakland.
Contractor—J. R. Armstrong, 1
Fleet Road, Oakland.
Filed Aug. 15, '35. Dated Aug. 8,
Framing completed $1
Brown coat plaster on..... 1
When completed 1
Usual 35 days..... 1
TOTAL COST, $7
Bond, $7172. Surety, Fidelity
Casualty Co. of New York. Limit,
days. Forfeit, none. Plans and spe
fications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded
APARTMENTS Cost, $41,000
SACRAMENTO, Sacramento Co., Cal. Twenty-first and Second Ave.
Two-story garden type apartments (16 apartments) whitewashed stucco and brick exterior, central steam heating plant, automatic hot water system, laundry and storage facilities, etc.
Owner—P. H. Visser.
Architect—F. S. Harrison, 1005 Tenth St., Sacramento.
Contractor—Frank P. Williams, 1005 Tenth St., Sacramento.

3— CHURCHES

Contract Awarded.
CHURCH Cost, $——
BAKERSFIELD, Kern Co., Cal. Truxton Ave. and E Street.
One-story church building (auditorium to seat 400; Sunday school rooms, etc.) adobe walls, tile roof, linoleum covered cement floors, loud speaker system, etc.
Owner — Seventh Day Adventist Church, Bakersfield.
Architect—Clinton Nourse, 1406 Bond St., Los Angeles.
Contractor—Ralph Franklin, 6627 Valjean Ave., Van Nuys, Calif.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. Sutter and Lyon Streets.
Alterations to two 1-story frame cottages for church of St. Cyprian Mission (Colored) new front, plaster exterior, auditorium to seat 100.
Owner—Episcopal Bishop of California.
Architect—Arnold Constable, 580 Market Street.
Contractor—Leroy Lehman, 782 Elizabeth Street.

Preparing Sketches.
ALTERATIONS Cost, $2,500
HUGHSON, Stanislaus Co., Calif.
Alterations to church.
Owner — Hughson Methodist Church (Reverend John Winkley, Pastor) Hughson.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Financing arrangements are being completed.
C. L. Galt, Hughson, is chairman of the building committee.

Preparing Plans.
ALTERATIONS Cost, $6000
JUNEAU, Alaska.
Alterations to two-story church (stucco exterior, plaster interior partitions, air conditioning system, oil furnace, etc.)
Owner—Methodist Episcopal Church, Juneau.
Architect—N. Lester Troast, Juneau.

Plans Being Prepared.
ALTERATIONS Cost, $4500
JUNEAU, Alaska.
Alterations to church (stucco exterior, plaster interior partitions, composition roofing, steam heating system, etc.)
Owner—Seventh Day Adventists, Juneau, Alaska.
Architect—N. Lester Troast and Associates, Juneau.
Work will be done by force account

4— FACTORIES & WAREHOUSES

Plans Being Prepared.
BOTTLING PLANT Cost, $——
SACRAMENTO, Sacramento Co., Cal.
One-story brick bottling plant.
Owner—Coco Cola Company.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Additional Contracts Awarded.
FORGE Cost, $——
BERKELEY, Alameda Co., Cal. Ashby Avenue.
One-story mill type steel forge building (150x150 feet) corrugated iron roofing, etc.)
Owner—American Forge Co., 25 Tehama St., San Francisco.
Engineer—K. Theill, 580 Market St., San Francisco.
Steel Sash and Doors—Soule Steel Co., 1750 Army St., San Francisco.
Electric—Pacific Electric Motor Co., Tenth and Oak Sts., Oakland.
Sheet Metal—Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
As previously reported, concrete awarded to Schnoor Bros., 6016 Claremont Ave., Oakland; steel to Moore Dry Dock Co., foot of Adeline Street, Oakland.

Contract Awarded.
WAREHOUSE Cost, $——
SAN FRANCISCO—No. 656-668 Townsend Street.
One-story Class C warehouse (100x 165 feet), stucco over brick front, flat roof, terra cotta partitions, concrete floors, etc.
Owner—McGilvray Company.
Engineer—James M. Smith, 251 Kearny St., San Francisco.
Contractor — Fred DuPuy, 110 Sutter St., San Francisco.

CONTRACT AWARDED
SAN FRANCISCO—Meyer Constr. Co., 735 Portola Drive, San Francisco, at $7715 awarded contract by War Department for the construction of one frame warehouse at the Presidio of San Francisco.

Contract Awarded.
SHOP Cost, $6300
SAN JOSE, Santa Clara Co., Calif. South First St. near Almaden.
One-story reinforced concrete printing shop (built-up 15-year guarantee roof; concrete floors, steel sash, etc.)
Owner — B. Flice, 1435 S-First St., San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Jos. Santi, 545 Madera St., San Jose.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 314 Van Ness Avenue South.
Alterations to dairy.
Owner — Greenbrae Dairy, 320 Van Ness Ave. South, San Francisco.

August 13, 1935
To Be Done By Day's Work.
WAREHOUSE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 570 Cinnabar Street.
One-story frame warehouse.
Owner—California Prune & Apricot Growers Assn., San Jose.
Architect—Ralph Wyckoff, Anglo Bk. Bldg., San Jose.

Lumber Contract Awarded.
WINERY Cost, $50,000
DELANO, Kern Co., Cal. (Trocha).
One-story reinforced concrete winery.
Owner—Earl Fruit Co., Delano.
Plans by Engineering Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Lumber—Hayward Lumber & Investment Co., Delano.

Construction Postponed Indefinitely.
ALTERATIONS Cost, $5000
SAN FRANCISCO. N Folsom St. 125 E Sixth Street.
Alterations to sheet metal shop.
Owner—H. D. Stirm & H. R. Klenck, 980 Folsom St., San Francisco.
Architect—William Henry Rowe, 2041 Bryant St., San Francisco.
Low Bidder—Clinton Constr. Co., 923 Folsom St., San Francisco.

Preliminary Plans Prepared.
WAREHOUSE Cost, $198,937
STOCKTON, San Joaquin Co., Calif. Stockton waterfront.
Six one-story brick warehouses.
Owner—City of Stockton (Port Commission).
Plans by Engineering Dept. of Port Commission.
Application has been filed with the PWA for a loan and grant to finance construction.

Sub-Contracts Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. 625 Third Street.
Alterations to warehouse (work involves steel rolling doors structural steel, new doors for truck entrances, toilet rooms, etc.)
Owner—San Francisco Warehouse Co.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
House Moving — D. J. & T. Sullivan, 1942 Folsom St.
Brick—Harry Drake, 666 Mission St.
Concrete—Emsco Co., 260 Clementina Street.
Mill Work—Brannan Street Planing Mill, 560 Brannan St.
Plastering—Leonard Bosch, 621 Minna Street.
Lumber — Loop Lumber Co., Central Basin.
Plumbing—Fischer & Wolfe, 205 Tehama St.
Electric—Twin Peaks Electric Co., 1121 Mission Street.

5— FLATS

Contract Awarded.
SERVICE STATION Cost, $7000
SAN FRANCISCO. Pacific Ave. and Polk Street.
Steel service station.

Owner—General Petroleum Co., 519 19th St., Oakland.
Architect—Not Given.
Contractor—Grant-Martinelli Constr. Co., 44 Mary St., San Francisco.

Sub-Contracts Awarded.
FLATS Cost, $5,000
OAKLAND, Alameda Co., Cal. 2646-2648 Ivy Drive.
Two-story frame and stucco flats (8 rooms).
Owner—Agnes I. McCarthy, 900 Excelsior Ave., Oakland.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Plumbing—Ambrose Bros., 56 California St., Oakland.
Lumber—Humphrey Farrar Lbr. Co., 1314 Rose St., Berkeley.
Excavation—Ariss-Knapp Co., 961 41st St., Oakland.

5— FLATS

Contracts Awarded.
ALTERATIONS Cost, $1,500
SAN FRANCISCO. Oak and Laguna Streets.
Alter front of 3-story frame flat building (stucco exterior, etc.)
Owner—Withheld.
Architect—Fabre and Hildebrand, 110 Sutter Street.
Terrazzo—San Francisco Terrazzo Co. 3730 Third Street.
Plastering—Peter Bradley, 639 Brannan Street.

6—GARAGES & SERVICE STATIONS

Bids Rejected.
CENTERVILLE, Alameda Co., Cal.
One-story auto sales building and garage (wood frame construction).
Owner—Frank McGruga.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Plans are being revised and new bids will be asked at a later date.

Contract Awarded.
GARAGE Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. Oakland Highway.
One-story wood frame garage (60x300 feet) corrugated iron siding, cement floors, rolling doors, wood trusses, etc.
Owner — Giacamazzi Bros., Milpitas Road, San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Contractor — Ernest A. Hathaway, 1102 South Sixth St., San Jose.

CONTRACT AWARDED
SERVICE STATION Cost, $18,366
STOCKTON, San Joaquin Co., Calif. No. 140 No. Eldorado Street.
One-story brick service station.
Owner—Eldorado Investment Co.
Architect—Not Given.
Contractor — Lewis & Green, Bank of America Bldg., Stockton.

Planned.
SERVICE STATION Cost, $——
CARMEL, Monterey Co., Cal. Sixth and San Carlos Streets.
New service station.
Owner—Abbie L. McCreavy, Carmel.
Lessee—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Lessee.
Application has been filed for a building permit.

To Be Done By Day's Work.
SERVICE STATION Cost, $2000
SAN JOSE, Santa Clara Co., Calif. No. 379 Park Avenue.
One-story steel service station.
Owner—Milda D. Bloemer, 252 Spencer Ave., San Jose.
Architect—Not Given.

Low Bidder.
SERVICE STATION Cost, $5000
SAN FRANCISCO. NW 24th Avenue and Geary Street.
Class A service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Concrete and Miscellaneous Work—Grant & Martinelli, 44 Mary Street (Low bidder).
Steel bids held under advisement.

Low Bidder.
SERVICE STATION Cost, $7000
SAN FRANCISCO. NE Sloat Blvd. and Great Highway.
Class A service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Low Bidder — Grant & Martinelli, 44 Mary St., San Francisco.
Steel bids held under advisement.

Contract Awarded.
SERVICE STATION Cost, $5000
SAN FRANCISCO. NW Pine Street and Van Ness Avenue.
Class A service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. Harold Johnson, Hearst Bldg., San Francisco.
Steel — Independent Iron Works, 821 Pine St., Oakland.

Contract Awarded
SERVICE STATION Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 181 Lytton Avenue.
Service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
SERVICE STATION Cost, $10,000
PALO ALTO, Santa Clara Co., Calif Emerson and Lytton Avenue
Super service station.
Owner—C. A. and Estelle F. Stone, 181 Lytton Ave., Palo Alto.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN FRANCISCO — R. P. Poali, 3159 Fillmore St., at $780 awarded contract by Treasury Department for dampproofing basement walls of buildings Nos. 11, 12, 13, 14, 15 at the U. S. Marine Hospital, San Francisco.

Bids Rejected.
POST OFFICE Cost, $45,159
MONTEBELLO, Los Angeles Co. Cal.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Lowest bid was submitted by V. O. Brunzell, Gardena, at $37,400.
Plans will probably be revised and new bids asked at a later date.

Low Bidders.
POST OFFICE Cost, $150,000
GRANTS PASS, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder — Consolidated Engineering Corp., Tacoma.
The three low bids follow:
Consolidated Engr. Corp., Tacoma $86,990
Jos. A. Bass Co., Minneapolis 89,900
Dougan-Hammond Const. Co., Portland 92,700
Complete bids will be given shortly

BIDS WANTED
FORT SAM HOUSTON, Texas—Until August 26, 10 A. M., bids will be received by Corps Area Quartermaster, Fort Sam Housten, Texas, for the construction of parts for fabricated, demountable buildings for approximately twenty CCC camps, each camp unit to consist of the following buildings:
Four barracks, 20x130 ft., 1¼-in.
One mess hall and kitchen, 20x160 ft. 7¼-in.
One Forestry Agents' Quarters, 20x80 ft., 7¼-in.
One Officers' Quarters, 20x40 ft., 7¼ inches.
One Headquarters building, 20x30-ft. 7¼-in.
One storehouse, 20x40-ft., 7¼-in.
One Welfare Building, 20x100-ft., 7¼-in.
One Dispensary, 20x30-ft., 7¼-in.
One Lavatory and Bath House, 20x35-ft., 7¼-in.
One Latrine, 10-ft. x 71¼-in. x 25-ft. x 7 ¼-in.
Plans and specifications may be obtained from above office upon deposit of $5.

CONTRACT AWARDED
SAN FRANCISCO.—Shepherd Elevator Co. at $30,000 awarded contract by Treasury Department for furnishing and installing elevators in the U. S. Mint to be erected in San Francisco.

COMPLETE BID LISTING
SAN PEDRO, Los Angeles Co., Cal. As previously reported, Pacific Coast Elevator Co., 1978 S. Los Angeles St., Los Angeles, at $24,840 submitted the low bid to the Treasury Dept. ,Washington, D. C., for furnishing and installing elevators in the U. S. Federal Bldg. to be erected at San Pedro .
Complete bids follow:
Pacific Coast Elevator Co., Los Angeles $24,84
Shepard Elevator Co., Cincinnati, Ohio 28,50
Westinghouse Electric Elevator Co., Chicago 28,55
Otis Elevator Co., Washington, D. C. 29,40
Haughton Elevator & Machine Co., Washington, D. C..... 29,50
Bids held under advisement.

Bids Wanted—To Close August 30th 1 P. M.
POST OFFICE Cost, $83,00
SALINAS, Monterey Co., Cal. West Alisal, Howard, Church and Lincoln Streets.
One-story reinforced concrete post office (140x60 ft.) tile floors in lobby, ornamental wainscoating.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C
Plans and specifications may be obtained from above office.

CONTRACTS AWARDED
SAN DIEGO, Calif.—Navy Department awarded contract to Otis Elevator Co., 1 Beach St., San Francisco at $450 for recabling elevators, and California Sheet Metal Works, San Diego, at $296 awarded contract for improvements to blower exhaust at the Naval Hospital, San Diego. Spec No. 8034.
Work includes removel of present hoisting cables and furnishing and placing new hoisting cables for each of the three existing passenger elevators, one each in buildings Nos. 5, 8 and 15; and removall of an existing exhaust duct from laundry machine in building No. 11 and furnishing and installing new exhaust duct; making connections to present exhaust from the laundry machine.

PUBLIC LIBRARY

BUILDING MATERIALS APPROVED

PITTSBURG, Contra Costa Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Pittsburg, Oliver S. Almile, 135 W Tenth St., Pittsburg, general contractor.

Plumbing fixtures, Crane Co.; electric water cooler and drinking fountain, Halsey-Taylor Co.; indirect water heater, Bell & Gossett; water supply pipe, National Tube Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; water softener, Crane Co.; oil burner, Ray Burner Co.; oil heater, Taco Heaters, Inc.; tube and wall radiators, U. S. Radiators Corp.; non-conducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators and air valves for ends of steam mains, American Radiator Co.; pipe hangers and concrete inserts, Grinnell Company.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 13, 10 A. M., bids will be received by the Treasury Dept., Procurement Division Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Quarantine Station at San Francisco.

Specifications may be obtained from the above office and from the Custodian of the building, San Francisco.

BUILDING MATERIALS APPROVED

SEBASTOPOL, Sonoma Co., Cal.—Treasury Department has approved the following building materials and equipment awards for the construction of the U. S. Post Office at Sebastopol. Robt. McCarthy, 1363 14th Ave. San Francisco, general contractor:

Sump pump, Chicago Pump Co.; boiler, Fitzgibbons boiler Co.; air valves for radiators, Hoffman Specialty Co.

PLANNED

EUREKA, Humboldt Co., Cal.—Civilian Conservation Corps plans erecting four buildings at Third and A Sts., Eureka, to house district headquarters. Plans are prepared for barracks building with accommodations for 100 men, mess hall, detachment headquarters building and detachment infirmary. All to be one-story wood frame construction. Est. cost, $18,200.

BUILDING MATERIALS APPROVED

SAN MATEO, San Mateo Co., Cal.—Treasury Department has approved the award to Chas. M. Bailey Co. for pressure reducing valve for the U. S. Post Office being erected in San Mateo. Frank J. Reilly, 6350 Fulton St., San Francisco, general contractor.

BUILDING MATERIALS APPROVED

HONOLULU, T. H.—Treasury Department has approved the following equipment and building material awards for the construction of the U. S. Quarantine Station, etc., at Honolulu: Hawaiian Contracting Co., Honolulu, general contractors: glassware to Moe-Bridges Corp., and lighting fixtures to Perfeclite Company.

Bids Wanted—To Close Sept. 19th, 1 P. M.

POST OFFICE Cost, $71,500
WHITTIER, Los Angeles Co., Calif.
Washington Ave. and Bailey St.
U. S. Post Office Building.
Owner—United States Government.
Architect—R. L. Warren, Emporium Bldg., Whittier.

Plans and specifications may be obtained from the Treasury Department Washington, D. C.

COMPLETE BIDS

SAN FRANCISCO — As previously reported, Patterson Bros., 2059 Webster St., Oakland, at $1138 submitted low bid to Treasury Department Washington, D. C., for painting the plaster, etc., in the U. S. Post Office, San Francisco.

Complete bids follow:

Patterson Bros., Oakland	$ 4,438
D. Zelinsky & Sons, Inc., S. F.	4,687
Raphael Co., San Francisco	4,862
Cramer Bros., San Francisco	5,460
W. G. Thompson, S. F.	6,900
A. B. C. Painting Co., S. F.	11,977

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—John C. Exley, 1563 Quesada Ave., San Francisco, at $385 submitted low bid to Treasury Department for painting the plaster, etc., in the single attendants' quarters and mess hall at the U. S. Quarantine Station, San Francisco. Complete bids follow:

John C. Exley, San Francisco	$385
Raphael Co., San Francisco	480
Patterson Bros., Oakland	487
Erling Anderson, San Francisco	565
Cramer Bros., San Francisco	640
W. G. Thompson, San Francisco	800

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $4200 awarded contract by War Department, for asphalt tile floors in the Ninth Corps Area Headquarters Building No. 220 at the Presidio, San Francisco.

PLANNED

REDDING, Shasta Co., Cal.—Civilian Conservation Corps plans erecting eight buildings at Redding to house district headquarters. Plans are prepared for combination warehouse and administration bldg.; recreation bldg., infirmary, kitchen and mess hall, four barracks. Estimated cost, $40,000.

BID CALL CANCELLED

ELKO, Nevada—Treasury Department cancelled call for bids for the construction of a retaining wall and coping at the U. S. Post Office at Elko, Nevada.

BIDS WANTED

PEARL HARBOR, T. H.—Until October 9, 11 A. M., bids will be received by Bureau of Yards & Docks, Navy Department, Washington, D. C. for barracks, mess hall and 25 quarters on the Naval Fleet Air Base, Pearl Harbor, T. H.; Spec. No. 7474. Estimated cost, $900,000.

The work includes concrete construction, hollow tile and frit-glazed tile, asbestos and built-up roofing, waterproofing and sheet metal work, carpentry and joinery, metal studding, furring and lathing, metal covered doors, marble or slate, tile work, plastering, asphalt tile flooring, linoleum flooring, screens, plumbing systems, water heaters and miscellaneous piping, refrigerating and ice cream making plant, cold rooms, refrigerated drinking fountains, and electrical work.

Plans and specifications may be obtained from above office, from the Commandant, 14th Naval Dist., Navy Yard, Pearl Harbor and from Commandant, 12th Naval Dist., 100 Harrison St., San Francisco, upon deposit of $100.

BIDS WANTED

BALBOA, C. Z.—Until October 9, 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of administrative building, shops, storage building, barracks building, quarters, mine assembly and storage buildings, surface and subsurface magazines, beacon tower, highway bridge, water tank and tower, distributing systems, water tank and tower, distributing systems, roads and walks at the Naval Ammunition Depot, Balboa, Canal Zone; Spec. No 7819. Estimated cost, $750,000.

The work includes concrete construction, hollow tile work, steel, iron bronze and aluminum work roofing, waterproofing, sheet metal work, steel windows, steel and metal covered doors, lathing and plastering, carpentry and joinery, plumbing, electrical work, sprinkler and fire alarm systems, and macadam roads.

Plans and specifications may be obtained from above office and from the Commandant 15th Naval Dist., Balboa C. Z., upon deposit of $100.,

BIDS WANTED

COCO SOLO, C. Z.—As previously reported, until October 9, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for buildings, roads and services at the Naval Ammunition Depot and Naval Submarine Base, Coco Solo, C. Z.; Spec. No. 7821. Estimated cost, $200,000.

Work involves construction of quarters, one office and inert storehouse, smokeless powder magazines, 6 house shelters, bridge and macadam paving; also concrete construction; hollow tile work, steel, iron, bronze, roofing, waterproofing, sheet metal work, metal windows, pressed steel and metal covered doors, metal lath, plaster work, stucco, marble, slate, tile work carpentry, joinery, metal and wood screens, sewage system, water, plumbing, electrical and telephone systems.

Plans and specifications may be obtained from above office and from the Commandant 15th Naval Dist., Balboa upon deposit of $50.

Bids Rejected.

POST OFFICE Cost, $67,000
TRACY, San Joaquin Co., Calif.
United States Post Office.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans will probably be revised and new bids asked.

On bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park, San Francisco, at $52,800 .

Bilds Rejected.

POST OFFICE Cost, $137,000
FLAGSTAFF, Arizona.
Three-story and basement post office building (80x83 feet).
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Plans will probably be revised and new bids asked.

On bid opening lowest bid was submitted by E. L. Martin, Dallas, Tex., at $137,000 (item 1) and $138,000 (item 2).

8— CLUB BUILDINGS

Preparing Working Drawings.

LODGE Cost, $15,000
PITTSBURG, Contra Costa Co., Cal.
Cumberland St. bet. 9th and 10th.
One - story and basement frame and stucco lodge building (tile and composition roofing, gas hot air heating system, hardwood floors in clubrooms and lodge rooms; gymnasium, locker rooms, kitchen in basement, etc.
Owner—Pittsburg Lodge of Elks.
Architect—Dragon & Schmidts, 2068 Alston Way, Berkeley.
Bids will be asked in about 30 days.

9— HOSPITALS

Preliminary Plans Completed
HOSPITAL Cost, $70,000
OROVILLE, Butte Co., Calif.
One- and two - story reinforced concrete hospital unit (40 beds).
Owner—County of Butte.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Upon approval of preliminary plans by the Board of Supervisors working drawings will be started.
29, 1935. 9

BIDS WANTED
FORT YUMA, Ariz.—Until Sept. 10 bids will be received by the Department of Interior, Indian Agency, Washington, D. C., for the construction of a hospital building at the Fort Yuma Indian Agency.
The work includes excavation, concrete and cement work, brick work, concrete block work, cast-stone work, mortar, stone work, gypsum partitions, interior dampproofing, structural steel, steel joist, miscellaneous metal work, steel stairs, steel windows, metal-covered doors and trim, metal toilet stall partitions, sheet metal work and roofing, floor and wall tile, linoleum, interior marble and slate work, metal lath for interior plastering, metal lath for top of steel joist, plastering carpentry and mill work, glass and glazing, painting and finishing, hardware, insect screens, light-proof shades, insulation, metal weatherstripping, roads, walks, grading, etc., outside sewer and water services, electrical work, heating, gas piping, plumbing, water - softening equipment, cold - storage equipment, dumbwaiter and refuse destructor.

Bids Opened.
AUDITORIUM Cose, $——
OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.
One-story frame and stucco auditorium (to seat 300).
Owner—West Oakland Home.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Low Bidder—F. C. Stolte, 3455 Laguna Ave., Oakland.
Complete bids follow:

F. C. Stolte, Oakland	$17,972
S. G. Johnson, Oakland	17,986
W. G. Thornally, Oakland	17,990
Fred J. Early Jr., S. F.	18,400
H. L. Paige, Oakland	18,495
George Maurer, Oakland	19,989
E. W. Larmer, Piedmont	21,313

Bids held under advisement.

Preparing Working Drawings.
CLUB HOUSE, ETC. Cost, $15,000
SACRAMENTO, Sacramento Co., Cal. McKinley Park.
Construct new swimming pool and club house at McKinley Park.
Owner—City of Sacramento.
Architect — Harry Devine, California State Life Building, and Starks & Flanders, Bank of America Bldg., Sacramento.
Bids will be asked in about 60 days.

12— POWER PLANTS

BIDS WANTED
NAVAJO CAPITAL, New Mexico.—Until Sept. 5 bids will be received by Interior Department, Purchasing Officer, Washington, D. C., for furnishing and installing Diesel electric generating equipment and auxiliaries in the Navajo Capital power plant, New Mexico.
The specifications include two Diesel engine-driven alternators having direct connected exciters; one gasoline engine-driven air compressor; 1 motor-driven air compressor, two air storage tanks; one 275-ga. fuel oil storage tank; one hand operated fuel transfer pump; two heat exchangers; two raw water circulating pumps; two soft water circulating pumps; one switchboard; three 25-kva. transformers; one exhaust silencer for each unit. Work includes furnishing and installing of all piping, air, water, oil, exhaust, etc., between the units and the auxiliary equipment, including the cooling pond, necessary to put the plant into operation; also the furnishing and installation of all necessary electrical wiring and equipment shall be furnished and installed; oil tanks shall be installed in excavations made by others.
Deposit of $25 required for each set of plans and specifications not to ex-

CONTEMPLATED
SHASTA COUNTY, Cal.—Board of Supervisors has established a special tax fund to finance a Veterans' Memorial Hall at Redding. Estimated cost, $50,000, of which taxes will raise $8260 annually.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PLANNED
LOS ANGELES, Cal.—Los Angeles county supervisors have under consideration a proposal to revive the application for PWA funds to finance construction of a county office building at Sunset Blvd. and N. Spring St. at a cost of $1,215,000. An application for this project was approved by the PWA in 1933 but it was permitted to lapse after the question of whether the loan would be secured by a lease agreement or bonds remained undetermined. In December, 1933, the supervisors selected Architects Albert C. Martin, Albert R. Walker, Earl T. Heitschmidt, Edgar W. Maybury and Aleck Curlett to prepare plans for the proposed building, which was to be an 11-story, Class A structure, to house all branches of the county government now in rented quarters.

Plans Being Completed.
VENT. SYSTEM Cost, $——
SAN FRANCISCO. City Hall.
Ventilating system in Supervisors' Chambers, City Hall.
Owner—City and County of San Francisco.
Architect — Wm. Mooser, Monadnock Building.
Plans will be completed in about one week.

August 12, 1935
Preliminary Plans Prepared.
LIBRARY Cost. $30,000
CHICO, Butte Co., Calif.
New library building.
Owner—City of Chico.
Architect—Not Given.
Application filed with PWA for funds to finance construction.

CONTRACT AWARDED
SAN FRANCISCO—W. E. Anderson, 1379 27th Ave., at $480 awarded contract by Department of Public Works, for tearing up approximately 80 square feet of cork tile and relaying new cork tile in its place at the Public Library, McAllister and Larkin Streets.
Complete bids follow:

W. E. Anderson	$480
McNelly Lacquer Co.	520
Van Fleet Freear Co.	560
L. S. Case, Inc.	629

Commissioned To Prepare Plans.
ALTERATIONS Cost, $20,000
MILL VALLEY, Marin Co., Cal.
Alterations to present town hall.
Owner—Town of Mill Valley.
Architect—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco

New Bids Wanted — To Close August 19, 8:00 P. M.
ALTERATIONS Cont. Price, $2680
SAN RAFAEL, Marin Co., Calif.
Remodel main sheet metal cornice and parapet of the public library.
Owner—City of San Rafael.
Architect—Carl F. Grommer, Masonic Bldg., San Rafael.
On previous bid opening lowest bid was submitted by Leibert & Trobock, Albert Bldg., San Rafael, at $2680.
Plans and specifications may be obtained from the architect.

Plans Being Prepared.
FIREHOUSE Cost, $6000
FAIRFIELD, Solano Co., Cal.
One-story frame and stucco firehouse (40x40 feet).
Owner—City of Fairfield.
Plans by W. S. Bickford, Fairfield.
Application will probably be filed with the WPA to furnish labor.

SEEK FUNDS
PHOENIX, Ariz.—State of Arizona has applied to the PWA for a grant of $184,500 to be used in financing an addition to the state capitol and additions to the state hospital for the insane in Phoenix. Total cost of the two projects estimated at $410,000.

Preparing Preliminary Plans.
COURTHOUSE Cost, $400,000
SALINAS, Monterey Co., Cal. Site of Old County Courthouse).
New County Courthouse.
Owner—County of Monterey.
Architect — Chas. Butner, 51 Maple St., Salinas, and Robert Stanton, Carmel.

August 15, 1935
Seek Funds.
LIBRARY Cost, $29,776
ALAMEDA, Alameda Co., Cal.
New branch library building.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Application has been filed with the PWA for a grant of $13,399 to assist financing the project.

BIDS OPENED
SAN FRANCISCO.—Robert L. Cramer Co., at $3.696 submitted low bid to Department of Public Works for furnishing and installing acoustical material in the Controller's Office, City Hall. Only other bid was submitted by the Western Asbestos Co. at $3,875.
Bids held under advisement.

14— RESIDENCES

Low Bidders.
RESIDENCE Cost, $4,000
HAYWARD, Alameda Co., Calif.
One-story frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. Palton Simonds, 192 Main Street, Hayward.
Low Bidder—H. W. Suttle, 1701 D St., Hayward.
Three low bids follow:

H. W. Suttle	$3,500
George Lund	3,555
Larwence Sullivan	3,625

Bids held under advisement.

Bdis In—Held Under Advisement.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County, Calif.
Two-story brick residence (12 rooms,

baths) wood exterior, slate roof. eel and wood sash, gas heating ystem, air conditioning system. r—Mr. and Mrs. Lloyd Liebes. tect — Gardner Dailey, 210 Post reet, San Francisco. nouncement will be made within days.

ract Awarded
DENCE Cost, $6,500
DESTO, Stanislaus Co., Cal. Magbilla Avenue.
story frame and stucco residence rooms, 2 baths) heavy shingle oof, oil heating system, steel ish, hardwood floors, tile baths r—W. M. Pugh.
tect—G. N. Hilburn, 1213 I St., odesto.
ractor—Ira Cotner, Route 4, Box 09, Modesto.

Contracts Awarded.
DENCE Cost, $8,000
ALTO, Santa Clara Co., Calif. E Alvarado and Coronado Sts., mpus of Stanford University. story frame and stucco residence r—Prof. David Harris, 434 Columbia St., Palo Alto.
tect—Chas. K. Sumner, Deckerk Bldg., Palo Alto.
ractor—Ralph Knight, 595 Bailey ve., Mountain View.
bing—Lee & Sharp, 737 Webster t., Palo Alto.
ric Wiring—Acme Electric Co. 56 Hamilton Ave., Palo Alto.
ing—Wallace & Stump, 455 Hope t., Mountain View. w
Work—Art Tile & Mantel Co., 21 Oak St., San Francisco.
Sash—Truscon Steel Company.
a—Acme Glass Co., 851 Alma St., alo Alto.
ner—McElroy and Cheim, Vista ve. and El Camino Real, Palo lto.
ing—Otto Freeborn, 901 Mercy t., Mt. View.
ing & Plastering—Ira T. Bridges 54 Oberlin St., Palo Alto.
and Stone Work—C. E. Mills, 40 College Ave., Palo Alto.

e Done By Day's Work.
DENCE Cost, $3,000
WOOD CITY, San Mateo Co. Cal 037 Jefferson Street.
story frame and stucco residence five rooms).
r and Builder—John E. McCarhy, premises.
tect—Not Given.

e Done By Day's Work.
DENCE Cost, $7,000
WOOD CITY, San Mateo Co. Cal. 5 Myrtle Street.
story frame and stucco residence er & Builder—Fred Carlisle, Box 7, San Carlos.
tect—Not Given.

ract Awarded
ERATIONS Cost, $4,000
MATEO CO., Cal. 727 Cherry St Faher Subdivision).
ations to residence.
er—J. J. Gontenhein.
tect—Not Given
ractor—Phillip Darr, 131 Park Blvd., Palo Alto.

egated Bids Being Taken.
IDENCE Cost, $——
LAND, Alameda Co., Cal. Watrhouse Road.
story wood frame residence (six rooms) wood shingle and clapboard exterior, cedar shingle roof, ot air heating system, wood sash hardwood floors, etc.
er—Withheld.
tect—Fabre and Hildebrand, 110 Sutter St., San Francisco

Plans Being Completed.
RESIDENCE Cost, $5,550
RICHMOND, Contra Costa Co., Cal Mira Vista Highlands
Two-story frame and stucco residence (7 rooms, 2 baths and 2 lavatories; double garage) shingle roof gas heating system, steel sash, hardwood floors, tile baths, etc
Owner—Albert S. Adcock.
Architect—J. H. Thomas, 31 Norwood Avenue, Berkeley.
Bids will be taken in about 1 week.

Sub-Bids Being Taken.
ADDITION Cost, $18,000
PALO ALTO, Santa Clara Co., Calif. Stanford University Campus.
Alterations and additions to fraternity house (add bedrooms, new plumbing, stucco work, tile roof, redecorate interior, partition work, etc.)
Owner — Delta Chi Fraternity, 586 Lasuen St., Stanford University, Palo Alto.
Architect—Chas. Sumner, Deckeroak Bldg., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Prospective Bidders.
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Forty-sixth and J Streets.
Two-story and basement frame and concrete residence (10 rooms and 4 baths); Tudor style; stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash, etc.
Owner—Very Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Following will submit bids. Bids open August 23, 4:00 P. M.:
John H. Schnieder, 5621 Shafter Ave., Oakland.
Fred DuPuy, 110 Sutter St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
C. C. Ruby, 4800 T St., Sacramento.
F. R. Siegrist, 604 Mission St., San Francisco.
N. H. Lund, 2549 6th Ave., Sacramento.
E. A. Corum, 2665 Donner Way, Sacramento.
H. W. Robertson, 3004 F St., Sacramento.
William Murcell, 200 V St., Sacramento.
Date was previouely set for August 22.

Plans Being Figured—Bids Close August 20, 2 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO, Sherwood Forest.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—B. L. Lechens.
Architect—Harold Stoner, 698 Portola Drive.
Following will submit bids:
Moore & Roberts, 693 Mission Street.
G. P. W. Jensen, 320 Market Street.
A. F. Mattock, 212 Clara Street.
R. S. Silverberg, 405 Montgomery Street

Contract Awarded
RESIDENCE Cost, $7,500
ATHERTON, San Mateo Co., Calif.
One-story rustic residence (7 rooms, 2 baths; 3-car garage) shake roof, oil heating system, tile baths, hardwood floors, wood sash.
Owner—W. H. Moebus.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Emil Steinegger, 371 Alameda de las Pulgas, Redwood City.

Contract Awarded.
RESIDENCE Cont. Price, $7172
OAKLAND, Alameda Co., Cal. Ocean View Avenue.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas hot air heating system, etc.
Owner—J. E. Brown.
Architect — Chester H. Treichel, 696 Cleveland Ave., Oakland.
Contractor — J. K. Armstrong, 1131 Fleet Road, Oakland.

Preparing Plans.
RESIDENCE Cost, $5,500
BERKELEY, Alameda Co., Cal. Cedar Street near Euclid.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

Preparing Plans.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Euclid Ave. near Marin.
Two-story frame and stucco residence (6 rooms, 2 baths) Spanish style; tile roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

Owner Taking Bids.
RESIDENCE Cost, $7,500
BERKELEY, Alameda Co., Cal. Cragmont Avenue.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas hot air heating system, wood sash, hardwood floors, tile baths.
Owner—M. Gillespie, 2901 Garber St., Berkeley.
Architect—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Completed.
RESIDENCE Cost, $15,000
NORTH BERKELEY, Alameda Co., Calif. The Arlington.
Two - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, gas hot air heating system, oak floors, tile baths.
Owner—Withheld.
Architect—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

Owner Taking Bids.
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Cal. Rockridge District.
Two-story frame and stucco residence (7 rooms and 2 baths) shake roof, gas hot air heating system, steel sash hardwood floors, tile baths.
Owner—C. J. Struhle, Financial Center Bldg., Oakland.
Architect—Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SACRAMENTO, Sacramento Co., Cal. 2783 Marty Way.
One - story and basement frame and stucco residence.
Owner & Builder—Leonard Lund, 3241 I St., Sacramento.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $1015
SAN MATEO, San Mateo Co., Calif. No. 137 West Belleview Ave.
Alterations and additions to residence
Owner—H. A. Magnusson, Premises.
Architect—Francis E. Lloyd, 360 Pine St., San Francisco.
Contractor — O. C. Moroney, 1437 Drake Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 993 Cinnabar Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—H. A. Steiner, 997 Cinnabar St., San Jose.
Architect—Not Given.
Contractor — George L. Honore, 136 Race St., San Jose.

Contracts Awarded.
RESIDENCE Cost, $8,100
OAKLAND, Alameda Co., Cal. Sunnyhills Road and Hillwood Place.
Two-story frame and stucco residence (7 rooms, 2 baths) double garage, tiled baths, shingle roof, gas fired furnace, hardwood floors, etc.
Owner—Mrs. Hazel Culin.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Heating—J. C. Owens, 1616 Carlton St., Berkeley, $275.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
SAN FRANCISCO. N Army St. 110 W Sanchez St.
One-story and basement frame and stucco residence.
Owner and Builder—Joseph E. Permento, 424 Duboce Ave., S. F.
Architect—Not Given.

Additional Sub-Contracts Awarded.
RESIDENCE Cont. Price, $13,600
SANTA ROSA, Sonoma County, Cal. Rincon Heights Subdivision.
Two-story frame and stucco residence (10 rooms and 4 baths) Mediterranean type; tile roof, wrought iron rails and balusters, etc.
Owner — Mr. and Mrs. Tom Proctor, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—E. Ahlstrom, 411 Short Seventh St., Santa Rosa.
Roofing—C. L. Frost, 717 C St., Santa Rosa.
Tile Work—C. L. Frost, 717 C Street, Santa Rosa.
Concrete—Galiazzi & Sodini, Sonoma Road, Santa Rosa.
Hollow Tile—Dickinson Bldg. Materials Co., Santa Rosa.
Lumber—Henry Laws, Santa Rosa.

Sub-Contracts Awarded.
RESIDENCE Cost, $8,000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (7 rooms and 3 baths).
Owner and Builder — Henry Papenhausen, 595 Victoria Street.
Architect—Masten & Hurd, 233 Post.
Concrete—J. Donnelly, 802 23rd Ave.
Grading—L. Devincenzi and Co., 148 Blake Street.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Lumber — Spring Valley Lbr. Yard, 2401 San Jose Ave.
Mill Work—Warden Bros., 2501 Army Street.
Tile Roofing—Alta Roofing Co., 976 Indiana Street.
Painting—Reliable Painting Co., 3247 19th Street.
Tile Work—Richmond Tile Co., 1024 Clement Street.
Electric Wiring—Galvin Bros., 1578 29th Avenue
Plastering—H. Campbell, 110 Ashton Avenue.
Sheet Metal and Heating—Atlas Heating Co., 557 4th St.
Plumbing—Higgins & Kraus, 741 Tehama Street.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Ney St. 75 E Craut Street.
One-story and basement frame and stucco residence.
Owner and Builder — Marshall T. Struthers, 4250 Mission Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 1355 Fremont Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Ormal W. Dodd, 1107 Glen Ave., San Jose.
Architect—Not Given.

Sub-Contracts Awarded.
ALTERATIONS Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Stanford Campus.
Alterations to Fraternity House.
Owner—Phi Delta Gamma.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor — George B. Moore, 531 Stanford Ave., Palo Alto.
Roofing—California Roofing Co., Palo Alto.
Plumbing—R. W. Riley, Palo Alto.
Electric—Fred H. Pohl, Palo Alto.
Heating — Walter Sterling, Rewdood City.
Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Concrete — Joe Ernma & Co., Palo Alta.
Wood Sash — Progress Lumber Co., Redwood City.
Reinforcing Steel—San Jose Steel Co San Jose.
Structural Steel—Engfer Iron Works. San Jose.
Lumber—McElroy-Chelm Lumber Co., Palo Alto.
Painting — Anton Anderson & Son, Palo Alto.
Lathing and Plastering — R. W. Alberson, Palo Alto.
Grading—E. Strain, Palo Alto.

Contract Awarded
RESIDENCE Cost, $5,000
LOS ALTOS, Santa Clara Co., Calif.
One-story frame and stucco residence
Owner—Brunia Ertola.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—J. Fracchia & E. Bongio, 1996 21st Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $6,500
WALNUT CREEK, Contra Costa Co., Calif.
Two-story frame residence (5 rooms) Colonial style.
Owner—Withheld.
Architect—Earl MacDonald, 194 Johns St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost $5,000
BURLINGAME, San Mateo Co, Calif. Cabrillo Avenue.
One - story and basement frame and stucco residence.
Owner—C H. Haizer, 415 East Santa Inez, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co, Calif. Cortez Avenue.
One-story frame and stucco residence
Owner—Mary E. Bennetts.
Architect—Not Given.
Contractor—G. C. Hess, 1446 Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co. Calif. Howard Avenue.
Two-story frame and stucco residence
Owner—C. Connolly.
Architect—Not Given.
Contractor — Burlingame Realty 1090 Burlingame Square, Burlingame.

Contract Awarded
RESIDENCE Cost, $[illegible]
BURLINGAME, San Mateo Co, C[illegible] Humboldt Avenue.
Owner—C. H. Tegner.
One - story and basement frame [illegible] stucco residence.
Contractor—G. W. Williams Co., [illegible] Primrose Road, Burlingame.

Construction Postponed Indefinitel[illegible]
RESIDENCE Cost, $[illegible]
OAKLAND, Alameda Co., Cal. Cl[illegible]mont Pines; Margarido Drive.
Two - story and basement frame [illegible] stucco residence (10 rooms a[illegible] baths) shingle roof, gas furn[illegible] hardwood floors, tile baths, e[illegible]
Owner—C. S. Morse.
Architect—E. G. Bangs, 411 30th [illegible] Oakland.

Contract Awarded
ALTERATIONS Cost, $[illegible]
SAN FRANCISCO. 16 17th Ave [illegible]
Alterations to residence.
Owner—G. B. and Dr. John Tufts [illegible] 27th Avenue.
Architect—Not Given.
Contractor—V. Masarie, 2550 19th [illegible]

To Be Done By Day's Work.
RESIDENCE Cost, $[illegible]
OAKLAND, Alameda Co., Cal. [illegible] 6197 Ocean View Drive.
Two-story frame and stucco residence (6 rooms).
Owner and Builder — H. C. Pf[illegible] 5659 Ocean View Drive, Oakla[illegible]
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $[illegible]
OAKLAND, Alameda Co., Cal. [illegible] Chabot Road.
One-story frame and stucco residence (5 rooms).
Owner & Builder—James H. Ke[illegible] 5874 Birch Court, Oakland.
Architect—Not Given.

Being Done By Day's Work.
RESIDENCE Cost, $1[illegible]
PALO ALTO, Santo Clara Co., C[illegible] No. 171 Dana Avenue.
Two-story frame and stucco residence (Monterey type) shingle tile [illegible]
Owner and Builder—William St[illegible] % Architect.
Architect—Harold Stoner, West [illegible]tal and Portal Drive, San F[illegible]cisco.
Construction under way.

Contract Awarded
RESIDENCE Cost, $[illegible]
LAFAYETTE, Contra Costa Co., [illegible]
Two-story frame residence (7 rooms, 2 baths) shingle roof, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Emily Palmer.
Architect—E. G. Bangs, 411 30th [illegible] Oakland.
Contractor—David Nordstrom, 15 [illegible] St., Oakland.

Contract Awarded
RESIDENCE $[illegible]
BERKELEY, Alameda Co., Cal. [illegible]zly Peak Blvd.
One - story and basement frame residence (5 rooms, 2 baths) [illegible] exterior, shingle roof, gas heating system, oak floors, tile baths, double garage, etc.
Owner—John Imrie.
Architect—Not Given.
Contractor—J. M. Walker, 1709 [illegible] St., Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, Price, $13,600
SANTA ROSA, Sonoma County, Cal. Rincon Heights Subdivision.
Two-story frame and stucco residence (10 rooms and 4 baths) Mediterranean type; tile roof, wrought iron rails and balusters, etc.
Owner—Mr. and Mrs. Tom Proctor, Santa Rosa.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—E. Ahlstrom, 411 Short Seventh St., Santa Rosa.
Plumbing—George Mitchell.
Ornamental Iron—Tony Brick.
Plastering—Keehn Brothers.
Mill Work—Roberts Mill.
Sheet Metal—Ed. S. Holtz.
Hardwood Floors—James McCanse.
Painting—B Sani
Electric—L. A. Drake.
Brick Work—David Jordan.
All of Santa Rosa.

Plans Being Figured.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif. Outside the City Limits.
Two-story residence (18 rooms) special brick exterior walls, shake roofing, oak, cement and pine floors, pine interior trim, steel casement windows, structural steel, six bathrooms with tile and rubber tile floors, mill work, air conditioning system, swimming pool, guest cottage.
Owner—M. Menukin.
Architect—Paul R. Williams, 3839 Wilshire Blvd., Los Angeles.
Bids are being received from selected list of contractors.

Plans Being Figured—Bids Close Aug. 20th, 2 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Sherwood Forest.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—B. L. Lechens.
Architect—Harold Stoner, 698 Portola Drive.
Following will submit bids:
Moore & Roberts, 693 Mission St.
Adams Bros., 20 Castro Street.
R. S. Silverberg, 405 Montgomery.

Preparing Sketches.
RESIDENCE Cost, $——
MILL VALLEY, Marin Co., Calif.
One-story residence.
Owner—Withheld.
Architect—Miller & Wernecke, Financial Center Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $7000
PEBBLE BEACH, Monterey Co., Cal.
One-story frame and stucco residence (5 rooms) tile roof, hot air heating system, wood floors, etc.
Owner—Withheld.
Architect—A. A. Cantin, 557 Market St., San Francisco.

Being Done By Day's Work
RESIDENCES Cost, $10,000
WOODLAND, Yolo Co., Cal. Cleveland and Elliott Streets.
Three one-story frame and stucco residence.
Owner and Builder—J. G. Motroni, Woodland.
Architect—Not Given.

Construction to Start Immediately.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co, Cal. Forest Lane.
One - story and basement frame residence (5 rooms, 2 baths) rustic exterior, shingle roof, gas heating system, oak floors, tile baths, double garage, etc.
Owner—H. McKenzie.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Construction To Start Immediately.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd. and Spruce St
Cape Cod, Early California residence (two-story frame and stucco construction; 6 rooms, 2 baths) plank floors, composition shingle roof, gas hot air heating system, etc.
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—E. L. Confer, 2812 Russell Street, Berkeley.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Parnassus Road.
Two-story frame and stucco residence (6 rooms and 2 baths) flat deck roof, shake roof on portion, oil burning heating system, hardwood floors tile roof, etc. (General Electric Model Home).
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect—John Dinwiddie, 360 Pine St., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $6500
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence (6 rooms).
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Bids will be asked within one week.

Low Bidder.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal. Piedmont Estates.
Two-story frame and stucco residence
Owner—Mr. Mitchell.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Jensen & Pedersen, 3443 Adeline St., Oakland.

Contract Awarded.
ADDITIONS Cost, $——
NEAR WATSONVILLE, Santa Cruz Co., Calif.
Alterations and additions to residence.
Owner—Edward Pfingst, Watsonville.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—Chas. Pratt, Watsonville.

Plans Being Completed.
RESIDENCES Cost, $8500
BERKELEY, Alameda Co., Cal. Keith Avenue.
One-story wood frame residence (6 rooms) and one-story wood frame guest house (3 rooms) wood exterior, copper clad roof, gas heaters, wood floors, etc.
Owner—Prof. Dryon.
Architect — Michael Goodman, 2163 Center St., Berkeley.
Bids will be taken from a selected list of contractors in about one week.

Plans Being Figured—Bids Close Aug. 22nd.
RESIDENCE Cost, $——
SACRAMENTO, Sacramento Co., Cal. Forty-sixth and J Streets.
Two-story and basement frame and concrete residence (10 rooms and 4 baths): Tudor style; stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash, etc.
Owner—Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 3894 Lyman Road.
Two-story frame and stucco residence (7 rooms).
Owner—Wm. I. Medis.
Architect—Not Given.
Contractor—Fred T. Dooley, 3936 Vale Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. Cayuga and Santa Ynez Avenue.
One-story and basement frame and stucco residence.
Owner—Chas. Blue, 1727 Felton St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Twenty-sixth Ave. S Lawton Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, Inc., 320 Judah St., San Francisco
Architect—Not Given.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif. No. 2224 Lakeside Street.
Two-story frame and stucco residence (6 rooms).
Owner—State Realty Co., 966 Oxford Way, Stockton.
Architect—Joseph Losekann, 1218 W. Harding St., Stockton.
Contractor—C. E. Totten, 706 Yale Ave., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. Shasta Ave. near Dana Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner—Rollie Williams, 1497 Shasta Ave., San Jose.

15— SCHOOLS

CONTRACT AWARDED
SANTA ROSA, Sonoma Co., Cal.—C. D. Roberts, Santa Rosa, at $475 awarded contract for roofing the cafeteria building at the High School. Bids on roofing of the main building at the Fremont School were rejected. Work will not be done at this time.

Seek Funds.
LIBRARY Cost, $56,892
SUNNYVALE, Santa Clara Co., Cal.
One-story reinforced concrete library swimming pool, etc.
Owner—Fremont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application has been filed with the PWA for a grant of $25,602 to assist financing the project.

Preparing Plans.
GYMNASIUM Cost, $145,000
SAN FRANCISCO. Frederick and Willard Streets.
One-story steel frame, brick and terra cotta gymnasium (concrete side walls and floors etc.) locker rooms on first floor, gymnasium on second, sunrooms, offices ,etc.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer — H. C. Vesano, 251 Kearny Street.

Sub-Contracts Awarded.
SCHOOL Cont. Price, $32,494
PORTOLA, Plumas Co., Calif.
One-story frame and stucco grammar school (5 classrooms and recreation room).
Owner—Portola Grammar School Dist.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Plumbing—J. J. McDermott, 2401 U St., Sacramento.
Electric Wiring—George C. Foss, 1720 Eighth St., Sacramento.
Heating—Scott Co., 113 Tenth Street, Oakland.
Glass—Diamond Match Co., Chico.
Painting — Jos. J. Burdon, 587 Athol Ave., Oakland.
Lathing and Plastering—Thomas F. Scollan, 2919 T St., Sacramento.
Finish Materials—Sierra Mill & Lumber Co., 201 V St., Sacramento.
Blackboards and Cork Carpet—J. W. Fricke, 420 Market St., San Francisco.
Construction will start August 19.

Preparing Preliminary Plans.
SCHOOL Cost, $15,000
SALINAS, Monterey Co., Calif.
One-story frame grammar school (3 classrooms) wood siding.
Owner — Prunedale Grammar School District.
Architect—Charles Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Preliminary plans forwarded to the State Educational Department, Sacramento, for approval.

Preparing Preliminary Plans.
SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms; auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Charles Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Application filed with PWA for a loan and grant to finance the construction.

Preparing Working Drawings.
IMPROVE SCHOOL Cost, $——
KING CITY, Monterey Co., Calif.
Structural change and improvements to grammar school.
Architect—Charles Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Preparing Working Drawings.
ADDITION Cost, $——
PAJARO, Monterey Co., Calif.
Addition to grammar school (add one classroom and two toilets).
Owner—Pajaro Union School District.
Architect—Charles Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Application has been filed with the PWA for a loan and grant to finance construction.

CONTRACTS AWARDED
ANAHEIM, Orange Co., Cal.—Wm. C. Crowell, 495 S. Broadway, Pasadena, awarded general contract by Anaheim Union High School District, at $302,915, for construction of a new main building at the Anaheim High School. Other contracts awarded were: R. R. Jones Electric Co., 1124 Fair Oaks Ave., South Pasadena, electric wiring, $34,105; J. B. Welsh, 513 S. Granada Ave., Alhambra, heating and ventilating, $20,443; Earl O. Stice Co., 2102 Colorado Blvd., plumbing, $8948.50; School Equipment Co., 759 N. Spring St., stage equipment, $3795; Royal Metal Mfg. Co., chairs, $13,815.06. T. C. Kistner, 814 Architects' Bldg., Los Angeles, Architect.

LOW BIDDER
LOS ANGELES, Cal.—W. J. Shirley, 1724 S. Vermont Ave., submitted low bid to Los Angeles Board of Education at $96,838, for reconstruction rehabilitation and strengthening of the main building, classroom annex, cafeteria and domestic science building and mechanical arts building at the John Muir Junior High School, 5929 S. Vermont Ave.

LOW BIDDER
VAN NUYS, Los Angeles Co., Cal.—N. A. Anderson, 414 Rowan Bldg., Los Angeles, submitted low bid to Los Angeles Board of Education at $148,484, for constructing a two-story 38-room Class A reinforced concrete administration building to be built at the Van Nuys High School, 6535 Cedros Avenue, Van Nuys. The building will have concrete roof slab, composition roofing, metal lath and plaster, metal windows, reinforced concrete stairs and corridors, tile and marble toiltes, showers, structural steel, heating and ventilating system, automatic storage water heater, steel lockers, etc. Allison & Allison, 1014 Edison Bldg., Architects.

Preparing Preliminary Plans.
SCHOOL Cost, $36,000
SACRAMENTO COUNTY, Cal. (Junior Pacific) 21st St and Franklin Blvd.
One-story frame and stucco grammar school (6 classrooms, gymnasium and cafeteria).
Owner—Junior Pacific School Dist.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application will be filed with the PWA for a loan and grant to assist financing the proposed work.

Preparing Preliminary Plans.
SCHOOL Cost, $12,000
SACRAMENTO COUNTY, Cal. (Upper Pacific) Franklin Blvd. and 47th Avenue.
Ones-story frame and stucco grammar school (1 classroom and auditorium to seat 300).
Owner—Upper Pacific School Dist.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application will be filed with the PWA for a loan and grant to assist financing proposed work.

Preparing Working Drawings.
ADDITION Cost, $75,000
ELK GROVE, Sacramento Co., Cal.
Brick and steel addition to high School.
Owner—Elk Grove High School Dist.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application will be filed with the PWA for a loan and grant to finance proposed work.

Low Bidders.
SCHOOL Cost, $——
NEWPORT, Oregon.
Two-story frame school (eight classrooms, gymnasium & auditorium, stage and dressing rooms, cafeteria and kitchen to accommodate 200).
Owner—Newport School District.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Low Bidder—Malarkey & Kallander, McKay Bldg., Portland, $29,166.
Plumbing—Northwestern Plumbing & Heating Co., 1812 NE 40th St., Portland, $2,073.
Heating—Hastorf, Inc., 735 SE Morrison, Portland, $4,307.
Electric—Ace Electric Co., 2924 NE 27th St., Portland, $1,508.

Preparing Working Drawings.
SCHOOL Cost, $17,000
ELK GROVE, Sacramento Co., Cal.
One-story grammar School)one classroom and auditorium) brick and steel construction.
Owner—Elk Grove Grammar School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application will be filed with the PWA for a loan and grant to assist financing the proposed work.

Sub-Contracts Awarded.
HIGH SCHOOL Cost, $33,000
COVELO, Mendocino County, Calif.
One-story frame and stucco academic building.
Owner — Round Valley High School District (Vierling Kersey, Supt. of Public Instruction).
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Roth Bros., Woodland.
Academic building only will be constructed at this time.
Roofing—C. L. Frost, San Rafael.
Plumbing—H. W. Salls, Ukiah.
Electric Wiring—Norman Russell, San Jose.
Heating—H. W. Salls, Ukiah.
Reinforcing Steel—Palm Iron Works, Sacramento.
Lumber—Willits Lumber Co., Willits.
Painting—Sullberg & Sons, Santa Rosa.

BIDS WANTED
BURBANK, Los Angeles Co., Cal.—Until August 23, 4 P. M., bids will be received by the Long Beach board of education for construction of the Luther Burbank elementary school, located on Fourth St. at Junipero Ave. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25. Kenneth S. Wing, 501 Termino Ave., Long Beach, architect.
Cost, $150,000.

Preparing Plans.
HIGH SCHOOL Cost, $60,000
CEDARVILLE, Modoc Co., Calif.
One - story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St. Sacramento.
Application has been filed with the PWA for a loan and grant to assist in financing the project.

TO SEEK FUNDS
PALO ALTO, Santa Clara Co., Cal.—Palo Alto Board of Education will file an application with the PWA for a loan and grant in the amount of $350,000, to finance construction of a junior high school in Palo Alto.
Preliminary plans prepared by Architect Birge M. Clark, 310 University Ave., Palo Alto, provide for 15 classrooms, an auditorium, administration suite, two science rooms, two vocal rooms, band and orchestra room, mechanical drawing room, gymnasium, cafeteria and library, dental clinic, etc.

Plans Being Completed
GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Cal.
One-story steel concrete gymnasium.
Owner—Auburn School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Application filed with PWA for funds to finance construction.

ocations Being Written.
DI'IONS Cost, $20,000
RING, Tehama Co., Calif.
ll room, band, room and student
f mers building (reinforced con-
ete construction) new central
eam heating plant.
n—Corning Union High School
strict.
hect — W. E. Coffman, Forum
ldg., Sacramento.
plication filed with the PWA for
nd to finance construction.

N ELECTION
LE COUNTY, Cal.—Burns Val-
hool District will vote on Aug.
o a proposal to issue bonds in the
nt of $16,500, proceeds to finance
nstruction of a one-story frame and
ne grammar school to contain 8
ssrooms.
eliminary plans prepared by Ar-
ts Herbert & Caulkins, Rosen-
ldg., Santa Rosa.

August 12, 1935

a Being Prepared.
NASIUM Cost, $90,000
ARE, Tulare Co., Cal.
new classroom buildings and re-
irs to gymnasium.
er—Tulare High School District
V. B. Knokeyn, Supt. of Schools)
ect—W. D. Coates, Rowell Bldg.
resno.
Bids in the amount of $90,000 were
ctly voted.

WANTED
N PEDRO, Los Angeles Co., Cal.
ill August 29, 11:30 A. M., bids
be received by Los Angeles board
ucation purchasing bureau, 1425
n Pedro St., for an administra-
building, home economics build-
and industrial arts building (63x
0.) to be built at 1010 15th St.,
Pedro district. G. B. Kaufmann,
Union Bank Bldg., Los Angeles,
ect. Cost, $333,532.

oring Working Drawings.
OOL Cost, $181,102
FRANCISCO. Bartlett and 22nd
treets.
grammar school building (twelve
lassrooms) Agassiz School.
er—City and County of San Fran-
isco.
itect—Masten & Hurd, 233 Post
St., San Francisco.
ctural Engineer—Walter Huber,
Crocker First Nat'l. Bank Bldg.,
San Francisco.
trical Engineers—Leland & Haley,
8 Sutter St., San Francisco.
ans will be completed in about
y days.

S WANTED
EMPE, Ariz. — Until August 27,
0 A. M., bids will be received by
Arizona State Teachers' College,
pe, for the construction of an ad-
on to Matthews library building
he college in Tempe, a PWA proj-
Plans and specifications may be
ained from the architects, Lescher
Mahoney, 1100 Title & Trust Bldg.,
enix, upon deposit of $20. Cer-
ed check for 5 per cent must ac-
pany each bid. The library ad-
on will be two-story and basement
s A structure, 51x90 feet and 25x
feet in area, with brick walls,
sed brick facing, asbestos shingle
f, hollow tile partitions, metal lath,
e and mahogany trim, concrete
rs with rubber tile and linoleum
ering, steam heat, art stone trim,
lation materials, marble work, or-
ental iron, steel windows, steel
sses, tile work, etc. Estimated
t, $100,000. The following contrac-
s have procured plans: E. W. Du-
ne, 1218 E. Harvard St., Phoenix;
Del E. Webb Constr. Co., 1633 W. Jefferson St., Phoenix; M. M. Sundt Construction Co., Box 2244, Tucson. Two more buildings at the college, each costing approximately $100,000, will follow in about 30 and 60 days, respectively.

CONTRACT AWARDED
KENTFIELD, Marin Co., Cal.—De Luca & Son, 1745 Filbert St., San Francisco, at $1896 awarded contract by Marin Junior College for finishing the one-story reinforced concrete shop building at Kentfield for the Marin Junior College. Work involves plumbing, painting, steel sash, roofing, etc. A. A. Cantin, 557 Market St., San Francisco, Architect.

As previously reported, DeLucca & Son awarded contract for carpentry and concrete work, at $6937.

Plans Being Prepared.
SCHOOL Cost, $50,000
CHICO, Butte Co., Calif.
One-story elementary school (concrete exterior, tile roof, steam heating system, steel sash finish).
Owner—City of Chico.
Architect—Chester Cole, 4418 Second St., Chico.
Application filed with PWA for funds to finance construction.

BOND ELECTION
DEL REY, Fresno Co., Cal.—Prairie School District will vote on August 30 on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a six classroom school building with an auditorium to seat 500. Frame and stucco construction, tile roof, gas heating system, wood floors, etc.

Preliminary plans prepared by Architects Swartz & Ryland, Brix Bldg., Fresno.

Application has been filed with the PWA for a loan and grant to assist financing the project.

Plans Being Figured — Bids Close August 27, 8:00 P. M.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Cal. Two miles East of Sacramento.
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect. Bids will be opened in the Assembly Room of the Arden Elementary School, Adren and Watt Aves.
(6127) 1st report Feb. 15; 6th July 19, 1935. * 15

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $6000
OAKLAND, Alameda Co., Cal. No. 2049 Broadway.
Alterations to building.
Owner—Hibernia Savings & Loan Association.
Architect—Aileen Frahery, 1955 Webster St., Oakland.
Contractor — H. J. Christensen, 1955 Webster St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 220 Kearny Street.
Alterations to store building.
Owner—Sullivan Pet Shop, Premises.
Architect—Not Given.
Contractor — Unit Bilt Fixture Co., 2663 Jones St., San Francisco.

Contract Awarded.
OFFICES Cost, $7340
SAN FRANCISCO. W Schwerin 300 S Sunnydale Ave.
One-story frame office building (shipping building, etc.)
Owner—Geneva and Sunnydale Nursery, 798 Geneva Ave., S. F.
Architect—Not Given.
Contractor—A. Bolandelli, 317 Green St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $3,000
PALO ALTO, Santa Clara Co., Calif 403 Alma Street.
Alterations to store building.
Owner - George E. Graft Estate.
Architect—Not Given.
Contractor—J. G. Causey, 2338 Ramona St., Palo Alto.

Plans Being Completed.
STORE Cost, $——
PACIFIC GROVE, Monterey Co., Cal. No. 561 Lighthouse Avenue.
Two-story store building, fireproof structure.
Owner—Fred Cope, Pacific Grove.
Architect—Robert Stanton, Carmel.
Bids will be asked in about 1 week.

Plans Being Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 134 Maiden Lane.
Alterations to building (Girard's Restaurant).
Owner — Mrs. McRacken and Mrs. O'Neil.
Architect—Robert Stanton, Carmel.
Bids will be asked in about 1 week.

Plans To Be Revised.
ALTERATIONS Cost, $25,000
SAN FRANCISCO. Kearny Street and Maiden Lane.
Alterations to department store bldg.
Owner—Weinstein Co. (Isadore Weinstein, President).
Architect — Hyman and Appleton, 68 Post Street.
Bids ran high.

Contract Awarded
BUILDING Contract Price, $17,310
SAN JOSE, Santa Clara Co., Calif San Fernando and The Alameda.
One - story Class C brick railway express bldg. (composition roofing, concrete floors, steel sash).
Owner — American Railway Express Co., 85 Second St., San Francisco.
Plans by Supt. of Building, Railway Express Agency, 85 Second Street, San Francisco.
Contractor—Karl S. Koller, Box 607, Crockett.
Complete bids published August 7.

Contract Awarded.
STORE BLDG. Cost, $50,000
SEATTLE, Wash. Fourth- Pine and Westlake Streets.
Two-story fireproof store building to house restaurant and drug store, reinforced concrete and steel construction, marble and non-rusting metal trim, etc.)
Owner—Plaze Hotel Building.
Architect — R. C. Reamer, Stimson Bldg., Seattle, Wash.
Contractor—Teufel & Carlson, Skinner Bldg., Seattle. 16

Planned.
MARKET & STORES Cost, $18,000
SUNNYVALE, Santa Clara Co., Cal. SE South Murphy Ave. and McKinley Ave.
Drive-in market, service station and stores (two-story structure with apartments above).
Owner—Mrs. Jane Ryerson, 404 Maple St., San Francisco.
Architect—Not Given.
Building permit has been applied for.

Sub-Contracts Awarded.
ALTERATIONS, ETC. Cost, $35,000
STOCKTON, San Joaquin Co., Calif. Weber Ave. and San Jonquin St.
Alterations and additions to 5-story store and office bldg.; stores on ground floor (work involves painting, decorating, installing new elevators, new linoleum, venetian blinds, terra cotta entrance, etc.)
Owner—Belding Estate.
Architect—Not Given.
Contractor — Dinwiddie Const. Co., Crocker Bldg., San Francisco.
Mill Work—Union Planing Mill, 735 South Sutter St. ,Stockton.
Painting—D. Zelinsky, 165 Grove St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 825 Pacific Street.
Alterations to basement for restaurant.
Owner—Lillian W. Hunt, 183 San Benito.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park.

Contract Awarded.
ALTERATIONS Cost. $6000
SAN FRANCISCO. NW Post St. and Grant Avenue.
Alterations to store and offices.
Owner — Templeton Crocker, Shreve Bldg., San Francisco.
Architect—Not Given.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco.

Plans Being Figured—Bids Close Aug. 22nd, 2 P. M.
RESTAURANT Cost, $——
SAN FRANCISCO. Taylor Street bet. Jefferson and Pier 45.
Two-story frame and stucco restaurant (27x31-feet) tile roof, wood floors, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—F. G. White, Ferry Bldg.

Plans Being Prepared.
ANNEX Cost, $40,000
OAKLAND, Alameda Co., Cal.
Two-story reinforced concrete office annex.
Owner—Withheld.
Architect—Hugh White, 915 Hillcroft Circle, Oakland.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Bids will be asked in about 10 days.

Plans Being Figured.
OFFICES, ETC. Cost, $——
FAIRFIELD, Solano Co., Cal. Texas Street (200x150 feet).
One-story frame and stucco office and storeroom building (corrugated iron roof, tile drop front, plate glass front).
Owner—Diamond Match Co., Suisun.
Plans by Engineering Dept. of Owner.

Plans Being Figured—Bids Close Aug. 22nd, 2 P. M.
RESTAURANT Cost, $——
SAN FRANCISCO. Taylor Street bet. Jefferson St. and Pier 45.
Two - story frame and stucco restaurant (27x31-feet) tile roof, wood floors, etc.
Owner—State of California (Board of Harbor Commissioners).
Engineer—F. G. White, Ferry Bldg.
Plans and specifications may be obtained from above office upon deposit of $10.00.

Planned.
STORE Cost, $——
ANTIOCH, Contra Costa Co., Calif. Eye and Second Streets.
One - story, basement and mezzanine floor store building (brick construction).
Owner—Garrow Home Furnishers, Antioch (Elston R. Garrow, Pres.)
Architect—Not Given.

Contract Awarded
NEWSPAPER PLANT Cost ,$10,000
TULARE, Tulare Co., Calif. 233-239 North K Street.
One-story reinforced concrete newspaper plant (50x100-ft.)
Owner—Tulare Times & Advance Register. Tulare.
Architect—Not Given.
Contractor—H. J. O. Reed, Tulare.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $500,000
SAN FRANCISCO. No. 417 Montgomery Street.
Ten-story reinforced concrete office building (tar and gravel roof, steel sash, two elevators, steam heating system, terra cotta facing, plaster throughout, etc.)
Owner—Louis Lurie, 333 Montgomery St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.
Grading — Sibley Grading & Teaming Co., 165 Landers St.
Reinforcing Steel—Truscon Steel Co., 604 Mission Street.
Lumber—J. H. McCallum, Bryant and Oak Grove Sts.
Elevator bids are now being received by the architect.
As previously reported, underpinning awarded to Harry Drake, 666 Mission St.; shoring, D. J. & T. Sullivan, 1940 Folsom St.

Contracts Awarded.
ALTERATIONS Cost, $——
HANFORD, Kings Co., Calif. 212 W Seventh Street.
Alterations to building (add new floor, new front, install partitions, decorating, painting, plastering, etc.)
Owner—F. V. Dewey.
Architect—Not Given.
Carpentry—Wm. Roughton, Hanford.
Painting—Andrew Nelson, Hanford.
Plastering—Joe Costa, Hanford.

17— THEATRES

Plans Being Prepared.
THEATRE Cost, $——
QUINCY, Plumas Co., Calif.
New theatre building (to seat 500) two stores on ground floor.
Owner—Town Hall Association.
Architect—S. Chas. Lee, 2404 W 7th St., Los Angeles.
Application will be filed with the PWA for funds to finance construction.

Plans Being Completed.
ALTERATIONS Cost, $——
NAPA, Napa Co., Cal. Main Street, between First and Pearl Sts.
Alterations to old Opera House for theatre.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Bids will be asked in about 10 days.

BIDS WANTED
SAN FRANCISCO—Architect A. A. Cantin, 557 Market St., is receiving bids until today, August 12, for a new marquee for the following theatres in San Francisco for Nassar Bros. Costs estimated at $3000 each:
(1) Royal Theatre; Polk St. at California Street.
(2) Alhambra Theatre, Polk & Green Streets.
(3) Castro Theatre, Castro St. at Street.

FIRE LOSS
MODESTO, Stanislaus Co., Cal. Fire destroyed the Modesto Theatre located on Tenth St. between I and J. August 12. Damage estimated at $65,000. W. R. Messinger, McKay St., Modesto, owner of the building.

PREPARING PLANS
NEAR SAN FRANCISCO—Architect S. Charles Lee, 2404 W. 7th St., Los Angeles, is preparing working drawings for a theatre building to be built in the San Francisco area for a client. It will have a seating capacity of 800 and will be of reinforced concrete construction.

19—MISC. CONSTRUCTION

PLANNED
BURLINGAME, San Mateo Co., Cal.—City of Burlingame is considering filing an application with the PWA for a loan and grant in the amount of $50,000 to finance construction of a salt water municipal plunge on the Burlingame bay beach frontage.
Preliminary plans prepared by City Engineer C. M. Thomas call for a pool 225x75 feet.

CONTRACT AWARDED
COWELL, Contra Costa Co., Calif.—Western Precipitation Co., 1016 W. 9th St., Los Angeles, awarded contract by Henry Cowell Lime & Cement Company, for dust arrestor at Cowell, Calif.

BIDS OPENED
GOVERNMENT ISLAND, Calif.—Golden Gate Iron Works, 1541 Howard St., San Francisco, at $600 submitted low bid to U. S. Forest Service, H. L. Marsh, Assistant Supply Officer, Government Island, for furnishing 30-foot steel lookout tower for King City.
Following bids received:
(A) Golden Gate Iron Works, San Francisco, $600.
(B) Schrader Iron Works, San Francisco, $720.
(C) Independent Iron Works, Oakland, $725.
(D) Moore Dry Dock Co., Oakland, $848.
Aero Motor Co., bid catalogue price.

CONTRACT AWARDED
SAN FRANCISCO. — San Francisco Elevator Co., 860 Folsom Street, $544.90 awarded contract by Department of Public Works for repairing two automatic passenger elevators in Juvenile Detention Home.
Work includes installation of a new 6x9 governor rope to replace present obsolete tiller, a new type "O" releasing carrier, new bronze chain gate, together with necessary new track and dismantling elevator machine and rebabbiting with copper hard bearing metal the outboard thrust bearing and gear case bearings.
Complete bids published Aug. 8

Preparing Preliminary Studies.
EXPOSITION BLDGS. Cost, $——
YERBA BUENA SHOALS, San Francisco Bay.
Group of Exposition Buildings.
Owner—San Francisco Bay Exposition, 818 Financial Center Bldg., San Francisco (Leland W. Cutler, President).
Architect — Architectural Commission of San Francisco Bay Exposition, composed of George Kelham, Arthur Brown, Jr., Timothy Pflueger, W. G. Merchant, L. P. Hobart and E. Welhe.
Engineer—W. P. Day, Financial Center Building.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

ECLAMATION SERVICE

GDEN, Utah—Until September 3, . M., bids will be received by U. ureau of Reclamation, R. F. Walter Chief Engineer, Customhouse, der, Colo., under Spec. No. 716- r furnishing precast reinforced rete pipe for use in construction ructures on canals in the Ogden r Project.

charge for specifications to bona prospective bidders; to others 50c, returnable.

CANAL ZONE

NAL ZONE.—Until Aug. 28, 10:30 A., bids will be received by Gen- Purchasing Officer, The Panama al, Washington, D. C., under dule No. 3082 for furnishing 35,- barrels of Diesel oil to be deliver- lt Balboa, C. Z.

ecifications and proposal forms inable from above and from As- tant Purchasing Agent, The Pana- Canal, Fort Mason, San Francisco

NAVY DEPARTMENT

ASHINGTON, D. C.—Bids will be eived by the Bureau of Supplies Accounts, Navy Department, Washon, D. C., for miscellaneous supls for Mare Island, as follows:

EUMATIC HAMMERS, 300 pneumatic scaling hammers; Sch. 5729. Bids August 27;

LDING OUTFITS, 8 oxy-acetylene cutting and welding outfits; Sch 5714. Bids Aug. 20.

lounging chairs; Sch. 5704. Bids Aug. 23;

NERATORS, 10 motor generators and 10 control panels and spares for Mare Island and Portsmouth; Sch. 5727. Bids Aug. 27;

ANSFORMERS, 14 transformers for Mare Island and other stations; Sch. 5726. Bids Aug. 27.

LVES, rubber pump valves for Mare Island and eastern yards; Sch. 5679. Bids Aug. 27.

or bid information apply to above to Purchasing Officer, 12th Naval District, 100 Harrison St., San Fran-

BUTTE COUNTY

ARYSVILLE, Sutter Co., Calif.—til August 19, 8 P. M., bids will be eived by the Common Council, City Marysville, Chester O. Gates, Clerk furnishing police signal radio ipment, consisting of transmitter, ra-high frequency police mobile nsmitter, ultra-high frequency po- automobile receiver, conventional quency police station house receiv- for the police department of the y of Marysville.

ecifications on file with the city rk and available on request.

SAN FRANCISCO CITY

AN FRANCISCO.—Until August 23 P. M., bids will be received by T. Brooks, Purchaser of Supplies, Rm. City Hall, for furnishing redwood d Oregon pine lumber for San Franco Water Department, under Invition No. 1431.

Specifications and proposal blanks application to above.

AN FRANCISCO.—Until August 30, P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, for furnishing 45 8-in. air valves for the San Francisco Water Department, under Invitation No. 1428.

Specifications and proposal blanks on application to above.

U. S. POST OFFICE DEPT.

SAN FRANCISCO.—Until Aug. 19, bids will be received by the Purchasing Agent, Post Office Dept., Washington, D. C., for furnishing twelve Venetian Blinds for the post office at San Francisco. Proposal No. 597.

WAR DEPARTMENT

SAN FRANCISCO.—Until August 27 10 A. M., bids will be received by the Quartermaster Supply Officer, Fort Mason, for furnishing one electric truck (less battery) platform type, not less than 2,000-lb. capacity.

Proposal No. 928-36-35. Misc.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until August 19, 2:00 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing one only portable rock crushing and screening plant under Specification No. 1758, as follows:

(1) for one only portable rock crushing and screening plant complete with belt conveyors, bins and necessary attachments:
  (a) f.o.b. cars Lone Pine;
  (b) f.o.b. cars bidder's factory;
(1a) for furnishing one alt. slightly used portable rock crushing and screening plant complete with belt conveyers, bins and necessary attachments:
  (a) f.o.b. cars Lone Pine;
  (b) f.o.b. cars bidder's factory.

The plant is for use on the Mono Basin project and delivery is required within six weeks from date of award of contract.

LOS ANGELES, Cal.—Until August 23, 2:00 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing cement for use in connection with department's Mono Basin Project to be furnished to the Department during a period of approximately two years under Specification No. 1752:

(1) Grade No. 1 cement delivered in bulk for a price per bbl., net of sacks and discount of.
(2) Grade No. 2 cement delivered in bulk for a price per bbl., net of sacks and discount of.
(3) Grade No. 3 cement delivered in bulk for a price per bbl., net of sacks and discount of.
  (a) less than 500 bbls.
  (b) 5000 to 9999 bbls.
  (c) 10,000 to 19,999 bbls.
  (d) 20,000 to 29,999 bbls.
  (e) 30,000 to 50,000 bbls.
  (f) 40,000 to 50,000 bbls.
  (g) Over 50,000 bbls.

The department estimates its total requirements at 204,000 bbls. The estimates for various branches of the work is as follows:

Mono Craters Tunnel, west portal, 57,000.

Mono Craters Tunnel, east portal, 52,000.

Long Valley Dam, 18,000.

Grant Lake Dam, 2000.

Leevining Tunnel, 4000.

Concrete conduits in Mono Basin, 54,000.

Lining open canal Los Angeles Aqueduct, 17,000.

Of the three grades of cement to be furnished it is estimated that from 5000 to 50,000 bbls. of Grade No. 3 cement is required; the amount of Grade No. 2 cement will depend on the difference in price of Grade No. 1 and Grade No. 2.

LOS ANGELES, Cal.—Until August 30, 2:00 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, for furnishing one only 150-ton traveling gantry crane under Specification No. 1738, as follows:

(1) (a) crane to be erected by the department on a track furnished and installed by the department's f.o.b. cars or trucks bidder's shipping point

(b) same as (a) f.o.b. department's receiving station "B" 9615 Central Avenue.

(c) crane to be erected by contractor on track furnished by the department for an additional price of.

(d) crane to be furnished with the last four gear pairs of the gantry bridge drive with spiral bevel gears and balance of crane to be completely equipped with herringbone gears for additional lump sum price of.

1-alt.) (a) same as 1-a) except motor control to be manually operated, A. C. drum type controls.

(b) same as 1-b) except motor control to be manually operated A. C. drum type control.

(c) same as (1-c).

(d) same and (1-c).

195

LOANS
that help sell
HOMES

A home covered by an American Trust Company 10-year home loan is easier to sell, because:
(1) Down payment is not large.
(2) Interest is at low bank rate.
(3) Buyer can complete payment (with principal and interest) in 120 uniform monthly installments, like rent.

Ask at our nearest office.

AMERICAN TRUST COMPANY
Since 1854
Commercial Banking: Savings: Trust

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

HUMBOLDT COUNTY, Cal.—A. J. Anderson, Rio Del, at $1428 submitted low bid to Humboldt County Board of Supervisors, Eureka, for painting 3 bridges over Mattole River in Road District No. 1.

Complete bids follow:

A. J. Anderson, Rio Del	$1428.00
Frank Gordet, Eureka	1567.16
A. Carmilli, Eureka	2950.00

contract awarded to low bidder in recommendation of County Engineer

BIDS OPENED

HUMBOLDT COUNTY, Cal.—W. S. Selvage, 1305 L Street, Eureka, at $3765.25 submitted low bid to Humboldt County Board of Supervisors, Eureka, for constructing a new bridge at Cummings Rancho and rebuilding approach and reflooring steel bridge over the Mattole River, near Petrolia in Road District No. 1.

Complete bids follow:

W. S. Selvage, Eureka	$3765.25
W. F. Roscoe, Mattole	4598.00
A. J. Anderson, Rio Del	4682.00
Fred J. Maurer & Son, Inc. Eureka	5320.00

Contract awarded to low bidder on recommendation of County Engineer Frank Kelly.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—F. J. Maurer & Son, Inc., Eureka, at $32,000 submitted low bid to Humboldt County Board of Supervisors, Eureka, for constructing a suspension cable bridge 1016 feet in length across the Eel River at Fort Seward in Road District No. 2.

The work involves:
(1) 8 2-in. cables, 570-ft.;
(2) 103 M. ft. B.M. timber;
(3) 60 tons steel trusses.

Complete bids follow:
F. J. Maurer & Son, Inc., Eureka, $32,000.
Mercer-Fraser Co., Eureka, $41,909.

Bids referred to County Engineer Frank Kelly. Because they exceed available funds the work probably will be readvertised under revised specifications.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

COCO SOLO, Canal Zone—Tucker-McClure Co., P. O. Box 5035, Cristobal, C. Z., awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for constructing an extension to earth-filled steel sheet pile pier with timber fender system, inc. concrete curbs, service piping and fittings at the Naval Submarine Base, Coco Solo. Spec. No. 8013.

BIDS WANTED

OREGON.—Until August 16, 3 P. M. bids will be received by U. S. Engineer, First Portland District, 306 Customhouse, Portland, Ore., for bank clearing, bar clearing, grading of river bank and constructing approximately 8,630 l.f. of protective gravel fill, all along the Willamette River between Eugene and Harrisburg.

The work involves:
(1) 6.1 acres bank clearing;
(2) 28 acres bar clearing;
(3) 1,500 c.y. grading;
(4) 111,000 c.y. protective gravel fill.

Specifications and Proposal Form No. 698-36-48 obtainable on application to above.

CONTRACT AWARDED

LOS ANGELES, Cal. — Rohl-Connolly Co., 4351 Alhambra Ave., Los Angeles, at $827,564 awarded contract by U. S. Engineer, Los Angeles, for constructing a composite type breakwater approximately 2000 ft. long in Los Angeles-Long Beach outer harbors.

BIDS WANTED

OREGON.—Until August 20, 3 P. M., bids will be received by U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, for furnishing plant, labor and materials for probing and drilling in the bed of the Columbia River between Vancouver, Wash., and Bonneville Dam for the purpose of completing a subaqueous survey in contemplation of constructing a channel 30 ft. deep from the mouth of the Willamette River to The Dalles.

Following are the estimated items of work:
(1) 1,635 l.f. overburden probing;
(2) 275 l.f. overburden drilling;
(3) 835 l.f. core drilling.

Specifications and proposal form on application to above.

23—IRRIGATION PROJ.

BIDS OPENED

ONTARIO, Oregon — Until August 30, 10:00 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, under Spec. No. 715-D for construction of structures, North Canal laterals N. C. 28.7 to 31.8 Mitchell Butte Division, Owyhee Project, Oregon-Idaho, involving:
(1) 3290 cu. yds. all classes excavation for structures;
(2) 2400 cu. yds. backfill;
(3) 820 cu. ydsfl conc. in structures;
(4) 1800 sq. yds. dry-rock paving
(5) 46,500 lbs. placing reinf. bar
(6) 1770 lin. ft. laying 15-inch t 10-inch concrete pipe;
(7) 7200 lbs. installing gates and t. hoists;
(8) 2 M. ft. B.M. erecting timb in structures.

Materials are to be furnished by the Government.

No charge to prospective bidder or plans and specifications; to others, $2.50, not returnable. Copies available from the office of the Bureau at Ontario and at Denver.

CONTRACT AWARDED

YUMA, Arizona.—Triangle Rock & Gravel Co. and Chas. Holmes, est Highland Ave., San Bernardino at $149,900 awarded contract by U. S. Bureau of Reclamation for preparation of concrete aggregates at Station 90 of the All-American Canal, Boulder Canyon Project, in accordance with Spec. No. 633.

BIDS WANTED

SOUTH SAN FRANCISCO, Cal.—Until August 19, 8 P. M., bids will be received by South San Francisco City Council, Daniel McSweeney, City Clerk, City Hall, for furnishing equipment and labor required to strengthen and confine portion of Colma Creek and Baden Creek.

The equipment to be used consists of (1) two one-yard drag lines; (2) two 45-h.p. bulldozers; (3) two 4-ton trucks.

Specifications prepared by City Engineer Robt. A. Klassen.

BIDS OPENED

MENDOCINO COUNTY, Cal.—Bids received by Ohm & Raab, Civil Engineers, 109 E. Weber Ave., Stockton, for leveling, ditching and checking about 143.5 acres of land in Potter Valley, Mendocino County, as follows:
(1) 50.1 acres;
(2) 21.5 acres;
(3) 71.9 acres.

Lee Beauchamp, Williams: (1) $[illegible] (2) $23.50; (3) $23.40.

George E. Murry and G. I. Murry, Route 1, Box 770, Modesto: (1) $[illegible]; (2) $33; (3) $29.

Proctor & Co., 2490 47th Ave., San Francisco: (1) $30; (2) $32.50; (3) $40.

C. Heaney, Durham: (1) $37.50 (2) $37.50; (3) $37.50.

C. R. Merrill, Williams: (1) $54 (2) $55; (3) $40.

B. Mankel, 2924½ 35th St., Sacramento: (1) $56; (2) $76; (3) $59.25

Three low bids held under advisement.

BIDS OPENED

FAIRFIELD, Mont.—Martin Wunderlich Co., Jefferson City, Mo. at $211,085 submitted low bid to the U. S. Reclamation Service, A. W. Walker, Project Superintendent, Fairfield, Mont., for constructing earthwork and canal lining for the Pishkun Canal and the Sun River Slope Canal, Greenfields Division, Sun River Project, Spec. No. 637. The work is located near Augusta and Fairfield, Mont.

Following bids received:

Martin Wunderlich, Jefferson City, Mo.	$21 85
Morrison-Knudsen Co., Boise, Idaho	24 31
J. A. Terteling & Sons, Boise	31 30
Winston Brothers Co., Minneapolis, Minn.	34 46
T. G. Rowland, Salt Lake City	37 65
Tomlinson - Arkwright Const.	

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

Co., Great Falls, Mont. 165,266 (Schedule 2 only).
Barnard Curtiss Co., Minneapolis, Minn. ... 166,151 (Schedule 2 only).

August 9, 1935

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources during July, 1935:

8376 (Santa Barbara Co.) Harry F. Black, Pattiway, for .1 cfs and 10 ac. ft. from unnamed springs tributary to Cuyama River to be diverted for irrigation and domestic purposes on 20 acres. Est. cost, $20.

8377 (Los Angeles Co.) County of Los Angeles, for .025 cfs form Gilpatrick Creek, tributary to Mojave Desert via Grandview Creek, to be diverted for domestic purposes. Estimated cost, $2366.36.

8378 (Mono Co.) Mutual Gold Corp., Spokane, Wash., for 2.5 cfs from unnamed spring and Vanee Tunnel tributary to Mona Lake to be diverted for power purposes; 57-thp. Estimated cost $1600.

8379 (Mono Co.) Mrs. W. M. Babcock, Ontario, for 200 gals. per day from an unnamed stream tributary to Owens River via Lake George, to be diverted for domestic purposes. Est. cost $25.

8380 (Plumas Co.) J. M. McKillen and Homer O. Erdman, Oroville, for 3 cfs from Coquette Creek tributary to Little North Fork Feather River, to be diverted for mining purposes. Estimated cost, $2,000.

8381 (Alpine Co.) County of Alpine, Markleeville, for 10 cfs from Horse Thief Creek, Water Spout Creek and unnamed stream tributary to west fork Carson River, to be diverted for power purposes; 455-thp to be developed.

8382 (El Dorado County) Dr. A. S. Almeida, Dixon, for 4 cfs from south fork American River, tributary to the American River, to be diverted for power and domestic purposes; 6-thp. Est. cost, $150.

8383 (Plumas Co.) D. H. Skemp, Sloat, for 3 cfs and 1 ac. ft. from a spring tributary to Middle Fork of the Feather River, to be diverted for domestic and irrigation of 3 acres Est. cost, $50.

8384 (Monterey Co.) State Division of Highways, Sacramento, for 550 g. p. d. from an unnamed spring tributary to Pacific Ocean to be diverted, for recreational purposes.

8385 (Nevada Co.) W. P. Clerkin, French Corral, for 75 cfs and 20,000 ac. ft. from (1) South Fork of Yuba River; (2) North Fork Poorman Creek (3) Bloody Run Creek and (4) Shady Creek tributary to (1 and 3) Middle Fork Yuba River tributary to (2 and 4) South Fork Yuba River, to be diverted, for mining and domestic purposes.

8386 (Nevada County) San Juan Ridge Mutual Water Users' Association, Marysville, for 75 cfs and 30,000 ac. ft. from (1) South Fork Middle Fork Yuba River; (2) North Fork Poorman creek; (3) Bloody Run creek and (4) Shady Creek, tributary to (1 and 3) Middle Fork Yuba River, tributary to (2 and 4) South Fork Yuba River, to be diverted, for domestic purposes and irrigation of 22,000 acres.

8387 (Santa Clara Co.) Santa Clara Valley Water Conservation District, San Jose, for 4,000 ac. ft. from Los Gatos Creek, tributay to Guadalupe Creek, to be diverted for irrigation and domestic purposes on 133,000 ac. Est. cost, $100,000.

8388 (Santa Clara County) Santa Clara Valley Water Conservation Dist. San Jose, for 30,000 ac. ft. from Coyote river, tributary to San Francisco Bay, to be diverted for irrigation and domestic purposes. Est. cost, $16,000.

8389 (Tuolumne Co.) L. L. Coffer and M. J. Preshaw, Sonora, for .75 cft from Mormon Creek, tributary to Stanislaus River, to be diverted for irrigation purposes on 38 acres. Est. cost, $1,000.

8390 (Sonoma Co.) J. J. Sassenrath, Eldridge, for 1000 gals. per day from Sonoma Creek, tributary to San Pablo Bay, to be diverted for domestic purposes. Est. cost $15.

8391 (Humboldt Co.) Division of Fish and Game, San Francisco, for 3 cfs from Lost Man Creek, tributary to Prairie Creek, to be diverted for recreational and domestic purposes. Est. cost, $1800.

8392 (Ventura Co.) C. W. Churchill, Frazier Mountain Park, for 2 cfs from Mutau Creek, tributary to Piru Creek to be diverted for mining purposes. Est. cost, $750.

8393 (Plumas Co.) Etta M. NcNeil and Augustine Palu, Quincy, for .2 cfs from west branch of Eagle Creek tributary to Spanish Creek to be diverted for mining and domestic purposes. Est. cost, $150.

8394 (San Mateo Co.) Humphrey Estates, Inc., 315 Montgomery St., San Francisco, for 2,000 ac. ft. from White House Creek tributary to the Pacific Ocean, to be diverted for irrigation purposes on 1,000 acres. Est. cost, $15,000.

8395 (Inyo County) F. I. Perry and L. J. Kerwin, Darwin, for 5 cfs from a spring tributary to Darwin Wash to be diverted for mining purposes.

8396 (Humboldt Co.) F. G. Steward Berkeley, for 50 cfs from Ferguson Creek and an unnamed creek tributary to Hoss Linto Creek to be diverted for mining and domestic purposes.

8397 (Nevada Co.) Jim Consolidated Mining Co., care J. E. Columbus, Graniteville, for 1.25 cfs from Little Canyon Creek tributary to Yuba River to be diverted for mining and domestic purposes. Est. cost, $150.

8398 (Trinity Co.) Joe O. Mandell, Junction City, for 3 cfs from Johnsons Creek, tributary to the Trinity River, to be diverted for mining purposes. Est. cost, $10,000.

8399 (Los Angeles Co.) Division of Highways, Sacramento, for 30,000 gallons per day from Read Spring tributary to Piru Creek to be diverted for irrigation and domestic purposes on 5 acres. Est. cost, $6,000.

8400 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. from Cosumnes River tributary to Mokelumne river, to be diverted for power purposes; 13360-thp to be developed. Est. cost, $5,700,000.

8401 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. from Cosumnes River tributary to Mokelumne river to be diverted for municipal purposes in Sacramento Municipal Utility Distrct.

8402 (Sierra Co.) Mrs. Ray Siedletz, Los Angeles, for 3 cfs from East Fork of North Fork of Yuba River ,tributary to Yuba River, to be diverted for mining and domestic purposes. Est. cost, $500.

8403 (Plumas Co.) Fall River Mining Co., Santa Rosa, for 3 cfs from Fall River, tributary to Middle Fork of Feather River, to be diverted for power purposes, 30 - h.p. Est. cost, $300.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water isssued by the Department of Public Works, Division of Water Resources during the month of July, 1935:

4575, Application 8191 (Tuolumne County) issued to J. B. De Martini for town of Groveland, July 8, for 1.0 cu. ft. per second from two springs, for domestic and fire protection purposes. Est. cost, $17,000.

4576, App. 8271 (El Dorado Co.) issued to U. S. National Forest, Placerville, July 8, for 600 gals. per day from an unnamed spring for domestic purposes. Est. cost, $120.

4577, App. 8287 (Humboldt Co.) issued to Hammond & Little River Lbr Co., Samoa, July 8, for .025 cu. ft. per second from Fish's Mill Creek, for industrial purposes.

4578, App. 8334 (Inyo Co.) issued to C. L. Beatty, Los Angeles, July 8, for 1 cu. ft. per second from Jail Canyon stream, for mining, milling and domestic purposes. Est. cost, $575.

4579, App. 8339 (Calaveras Co.) issued to Comanche Placers, Ltd., San Francisco, July 12, for 2 cu. ft. per second from Mokelumne River, for mining purposes. Est. cost, $1,000.

4580, App. 8062 (San Bernardino Co.) issued to Department of Playground and Recration, City of Los Angeles, July 16, for .04 cu. ft. per second from an unnamed spring for recreational purposes. Est. cost, $400.

4581, App. 8281 (Mono Co.) issued to U. S. Inyo National Forest, Bishop, July 16, for .0092 cu. ft. per second from McLeod Lake, for domestic and recreational purposes. Est. cost $1,-727.67.

4582, App. 8270 (Mono Co.) issued to Rock Creek Lodge, Los Angeles, July 16, for 3250 gals. per day from an unnamed spring for domestic purposes. Est. cost, $750.00.

4583, App. 7153 (Alameda Co.) issued to Sisters of the Sacred Names of Jesus and Mary, Inc., San Francisco, July 17, for 40 ac ft. per annum from Agua Caliente and Laurel creeks, for irrigation of 112 acres. Est. cost, $2500.00.

4584, App. 7154 (Alameda Co.) issued to Sisters of the Sacred Names of Jesus and Mary, Inc., San Francisco, July 17, for 0.24 cu. ft. per sec. from Laurel Spring and Sulphur Springs for domestic purposes. Estimated cost, $8000.00.

4585, App. 8344 (Humboldt Co.) issued to U. S. Trinity National Forest, Weaverville, July 19, for 0.011 cu. ft. per second from Boise Creek for recreational purposes. Est. cost, $150.00.

4586, Ap. 8227 (Del Norte Co.) issued to U. S. Siskiyou National Forest, Grants Pass, Oregon, July 19, for .01 cu. ft. per second from an unnamed stream, for domestic purposes.

4587, App. 7864 (Butte Co.) issued to J. G. Land, et al, Feather Falls, July 20, for 3 cu. ft. per second from Sucker Run and Big Winters Creek, for domestic purposes and irrigation of 180 acres.

4588, App. 4582 (Los Angeles Co.), issued to Harrison R. Ward, Los Angeles, July 22, for .5 cu. ft. per second direct diversion and 3 ac. ft. per annum for storage from Sawpit Canyon, for domestic purposes and irrigation of 60 acres. Est. cost, $6,000.

4589, App. 8272 (Inyo Co.) issued to J. C. Baxter of Independence ,for .25 cu. ft. per second from Paiute Spring for mining and domestic purposes. Est. cost, $2500.

4590, App. 8149 (Siskiyou Co.) issued to R. L. Younger, Forks of Salmon, July 23 for 20 cu. ft. per second from Somes Creek, for mining and domestic purposes. Est. cost, $4500.

4591, App. 8195 (Siskiyou Co.) issued to Chas. E. and Florence Brewer, Orleans, July 26, for 1 cu. ft. per second from Fork of China Creek, for mining and domestic purposes. Est. cost, $1,000.

4592, App. 1483 (Los Angeles Co.) issued to San Dimas Water Co., San Dimas, July 26, for 4000 ac. ft. per annum for storage from San Dimas Canyon, for domestic purposes and

irrigation of 1998.41 acres. Est. cost, $150,000.

4593. App. 2418 (Los Angeles Co.) issued to San Dimas Land & Water Co., La Verne, July 26, for 3 cu. ft. per second from San Dimas Canyon, for irrigation of 600.88 acres.

4594. App. 2433 (Los Angeles Co.) issued to A. L. Sonderegger, La Verne July 26, for .1 cu. ft. per second from San Dimas Creek, for domestic purposes and irrigation of 1 acres. Est. cost, $3,000.

4595. App. 2887(Los Angeles Co.) issued to A. L. Sonderegger, La Verne July 26 for 0.4 cu. ft. per second from San Dimas Creek, for domestic purposes and irrigation of 70 acres. Est. cost, $5,000.

4596. App. 7973 (San Bernardino Co.) issued to Sierra Talc Co., Los Angeles, July 27, for 1 cu. ft. per second from two unnamed springs for mining and domestic purposes. Est. cost $50.

4597. App. 8041 (Siskiyou Co.) issued to Carl R. McConnell, Clear Creek, July 29, for 30 cu. ft. per second from Clear Creek, for power purposes. Estimated cost, $3,000.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

TRINITY COUNTY, Cal.—Bettencourt & Warren, Box 116, Hayward, at $185 submitted low bid to U. S. Bureau of Public Roads,, C. H. Sweetser, District Engineer, San Francisco, for transporting government owned equipment from Douglas City, Trinity County, to Government Island, Alameda. Equipment to be moved includes one 50-hp. caterpillar tractor, one blade grader, one trail builder and miscellaneous small tools.

Complete bids follow:

(A) Bettencourt & Warren, Hayward $185.
(B) Bigge Drayage Co., Oakland, $195
(C) Thompson Bros., San Francisco, $215.
(D) Converse Direct Delivery, San Francisco, $220.
(E) C. A. Baker, Sacramento, $225.
(F) Geo. Grifall, Mountain View, $323
(G) Hemstreet & Bell, Marysville, $250.
(H) J. P. Breen, Sacramento, $255.
(I) C. Mankel, Sacramento, $264.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, August 9, for furnishing carryall scrapers under Spec. No. 1747, as follows:

(1) For furnishing two carryall scrapers of 12 c.y. capacity, water level measure, cable-operated, complete for tandem operation, including one only 4-drum power control unit, power takeoff, cable and necessary equipment for tandem operation and one extra 2-drum power control unit complete with power takeoff and necessary equipment for operating a single carryall scraper. (a) fob department's construtcion equipment section, 410 Ducommun Street; (b) fob department's construction equipment section, Grant Lake Reservoir site, Mono Basin.

(1-alt.) Same equipment as that under item (1) except hydraulically-operated, including one extra pump, etc.

The bids were:

Kay-Brunner Steel Products Co.: (1) (a) $8435; (b) $8685; Kay-Brunner 12-CA; point of manufacture, Los Angeles; shipping weight 36,000 lbs.

Austin-Western Road Machinery Co. (1-alt.) (a) $11,256; (b) $11,322; 1935 12-yd. hydraulic Western-Austin Co.: point of manufacture, Aurora, Ill.; shipping weight, 30,000 lbs.

Shepherd Tractor & Equipment Co.: (1) (a) $11,875; (b) $11,875; Le Tourneau type J; point of manufacture, Stockton, Calif.; shipping wt., 36,625 pounds.

Southwest Welding & Mfg. Co.: (1-alt. (a) $10,600; (b) $10,900.

Southwest Welding & Mfg. Co.: (alternate bid) (1-alt.) (a) $10,825; (b) $11,125.

Southwest Welding & Mfg. Co. (alternate bid) (one only) (1-alt.) (a) $10,097.57; (b) $10,397.50; Wooldridge R-3; Southwest Welding & Mfg. Co., manufacturer, Alhambra; shipping wt. 20,500 lbs.

All firms offered discounts of 2% 20 days.

BIDS RECEIVED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, Room 740, 207 S. Broadway, Aug. 8, for furnishing storage battery locomotives and additional battery boxes and batteries under Specification No. 1701. The items were:

(1) for furnishing three only storage battery locomotives:
(a) f.o.b. cars bidder's shipping point;
(b) f.o.b. care Lone Pine, Calif.;
(2) for furnishing three additional batteries and battery boxes;
(a) f.o.b. cars bidder's shipping point;
(3) total bids:
(a) f.o.b. cars bidder's shipping point;
(b) fo.b. cars Lone Pine, Calif.

The locomotives are for use in hauling muck, materials and men during the construction of Mono Craters tunnel. The bidders were:

General Electric Co.—f.o.b. shipping point, (a) freight allowed to point crossing Mississippi River; shipping point, Erie, Pa.; terms net.

General Electric Co.—Alternate bid, for parts only.

Atlas Car & Mfg Co.—Shipping point, Cleveland, Ohio; terms net.

Manacha Storage Battery Locomotive Co.,Add $1700 to item (1) if Goodman moters and controllers are desired; shipping points, Chicago and Philadelphia; terms net.

Whitcomb Locomotive Co. — With Westinghouse equipment, 2 sets of batteries; shipping point, Philadelphia, Pa.; locomotives, battery boxes and one set of batteries, shipping point, Rochelle, Illinois; terms net.

Whitcomb Locomotive Co.—Alternate bid with General Electric equipment; terms net.

General Electric Co. (1) (a) $16,224, (b) $16,926; (2) (a) $4998, (b) $5247 (3) (a) $21,222, (b) $22,173.

General Electric Co. Alt. (1) (a) $982, (b) $995; (2) (a) no bid, (b) no bid; (3) (a) $982, (b) $995.

Atlas Car & Mfg. Co. (1) (a) $16,540, (b) $17,500; (2) (a) $4275, (b) $4510; (3) (a) $20,815, (b) $20,010.

Mancha Storage Battery Locomotive Co. (1) (a) $14,138,(b) $14,840; (2) (a) $4998, (b) $5244; (3) (a) $19,136, b) $20,084.

Whitcomb Locomotive Co. (1) (a) $18,090, (b) $19,040; (2 (a) $4610, (b) $4935; (3) (a) $21,700, (b) $23,975.

Whitcomb Locomotive Co. (Alt.) (1) (a) $18,160, (b) $19,110; (2) (a) $4610, (b) $4935; (3) (a) $22,770, (b) $24,045.

BIDS OPENED

SAN FRANCISCO. — Bids received by National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing one 400-ampere electric welding generator with an auxiliary power supply gas-driven and mounted on trailer for shipment to Lyons, Colo., as follows:

Robert Equipment Co., San Francisco: (1) $1404; (2) (alternate, without auxiliary power supply) $132[illegible] Hobart, fob Troy, Ohio.

Herberts-Moore Machinery Co., San Francisco: (1) $1515.64; (2) $1440.64 Westinghouse, fob San Francisco.

Lincoln Electric Co., San Francisco (1) $1745; (2) $1495; Lincoln, fob Lyons.

Harnischfeger Sales Corp., San Francisco: (1) $1438.60; (2) $1378.6[illegible] P & H Hansen, fob Milwaukee.

Weber & Co., San Francisco: (1 $1623; Universal, fob Cleveland.

Air Reduction Sales Co., Emeryville: (1) $1520.24; Wilson, fob Nort Bergen, N. J.

M. L. Foss, Inc., Denver: (1) $182[illegible] General Electric, fob Lyons.

Victor Welding Equipment Co., (1 $1902.85; (2) $1827.85; General Electric, fob Lyons.

Mine and Smelter Supply Co., Denver: (1) $1867.89; Westinghouse, fo Lyons.

General Electric Co., San Francisc (1) $1902.85; (2) $1827.85; General Electric, fob Lyons.

Hendrie & Bolthoff, Denver: (1) $1 866.45; Westinghouse, fob Lyons.

Westinghouse Electric & Mfg. Co San Francisco: (1) $1954.54; (2) $1, 879.54; Westinghouse, fob Lyons.

U.S.L. Battery Sales Corp., Oakland: (1) $1702; U.S.L., fob Oakland.

BIDS OPENED

SAN FRANCISCO. — Bids receive by National Park Service, D. R. Hul State Procurement Officer for Stat Park Conservation Work, for furnishing one 40-hp. double drum hoist, fo Mill Valley, as follows:

Young Machinery Co., San Francisco: (1) $1279; (2) $1728 (alternate)

Ed. R. Bacon, San Francisco :(1 $1840; alternates; (2) $1960; (3) $1629 (4) $1775; (5) $1330 (used).

Jenison Machinery Co., San Francisco: (1) $1500.

Harron, Rickard & McCone, S. F (1) $2330; $2463 (alternate.)

Kratz & McClelland, San Francisco (1) $2260.

J. S. Mundy, San Francisco: (1) $1 725; (2) $1585 (alternate).

Bids have been referred to Washington for award.

CONTRACT AWARDED

YUMA, Arizona — Dorr Co., Inc 247 Park Ave., New York City, s $564,800, f.o.b. Yuma, awarded contract by U. S. Bureau of Reclamation, under Spec. No. 635 for furnishing mechanical apparatus for desilting basin at the Imperial Dam an Desilting Works, All-American Cana System, Boulder Canyon Project.

CONTRACT AWARDED

MADERA COUNTY, Cal.—Peerless Bean Sales & Service, 1755 Broadway Fresno, submitted low bid and awarded contract at $3010. less $200 trade in allowance by Madera Count Board of Supervisors for furnishin one 48-hp. crawler type tractor. Th bid was for an Allis-Chalmers.

J. D. Adams Co., San Francisco, bi $3,086, less trade-in allowance of $28[illegible]

BIDS OPENED

SAN FRANCISCO — King-Knigh Co., Sharon Bldg., at $7047.80 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bi No. 1432 for furnishing one motorized street sweeper. Bids were as follows

(A) King-Knight, $7047.80.
(B) Associated Equipment Co., Ltd. $7105.
(C) Austin Western Road Machiner Co., 7250.

BIDS OPENED

OULDER CITY, Nev.—Bids received by U. S. Bureau of Reclamation, Custom House, Denver, under Spec. No. 701-D as follows:

(1) General Electric Co., Schnectady, New York.

(2) Westinghouse Electrical & Mfg. Co., Denver, Colo.

(3) Allis-Chalmers Mfg. Co., Milwaukee, Wis.

(4) Graybar Electric Co., Inc., Denver, Colo.

Schedule I Item No. 1, for 23,000-volt oil circuit breaker, (1) $24,595; (2) $24,630; (3) $23,940; (4) ....

Schedule I Item No. 2, for 23,000-volt oil circuit breaker, (1) $42,945; (2) $42,990; (3) $41,133; (4) ....

Schedule II for current limiting reactors, (1) $6,870; (2) $6,990; (3) (4) no bids.

Schedule III for lightning arresters and capacitors, (1) $5,561.68; (2) $5.-[illegible]; (3) ; (4) $5,561.68.

Schedule IV for 138,000-volt lightning arresters, (1) $3,050; (2) $3,333; (3) and (4) no bids.

CONTRACT AWARDED

HURCHILL COUNTY, Nevada—Atkinson Motor Co., Fallon Nev., at $34.56 awarded contract by Board of Trustees of Consolidated "B" School District, for furnishing one 1-C school bus.

8—RAILROADS

CONTRACT AWARDED

FORT PECK, Montana.—Morrison-Hudsen Co., P. O. Box 1518, Boise, Idaho, at $198,672.60 awarded contract by U. S. Engineer, 707 Postal Telegraph Bldg., Kansas City, Mo., for constructing standard gauge railways and trestles on spillway to Fort Peck Dam, about 25 miles southwest of Glasgow.

9—STREETS AND HIGHWAYS

BIDS OPENED

LAWNDALE, San Mateo Co., Calif. H. S. Baker, 740 Farrington Avenue, Burlingame, at $0.35 a cubic yard submitted low bid to the Lawndale City Council for grading a portion of F St., between the easterly line of El Camino Real and the easterly line of the subdivision known as the City Extension Homestead Association. The work involves 1200 c.y. unclassified excavation.

Complete bids follow:

H. S. Baker, Burlingame	$0.35
J. C. Smith, San Francisco	0.38
Max Rosenberg, San Francisco	0.49
Merin Bros., San Francisco	0.74

Bids were referred to City Engineer George A. Kneese, 2352 Broadway, Redwood City.

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Ransome Co., 4030 Hollis St., Emeryville, at $7118.40 submitted low bid to Berkeley City Council for resurfacing approximately 900 feet of roadway on the Alameda from Solano Ave. southerly to Marin Ave.

The work involves:

(1) 25,00 c.y. grading;
(2) 25 c.y. grading below subgrade;
(3) 68,900 sq. ft. crusher run base;
(4) 68,900 sq. ft. bituminous surfacing

Complete bids follow:

(A) Ransome Co., Emeryville, $7,-118.40.
(B) N. M. Ball & Sons, Berkeley, $7-273.00.
(C) Independent Const. Co., Oakland, $7,419.60.
(D) Lee J. Immel, Berkeley, $8,087.
(E) W. H. Larson, Berkeley, $8,151.
(F) L. L. Page, Richmond, $10,104

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$.60	$.55	$.50	$1.00	$.65	$1.00
(2)	1.50	1.50	1.50	3.00	2.00	1.90
(3)	.028	.03	.029	.03	.04	.04
(4)	.053	.055	.06	.05	.054	.07

Contract was awarded to Ransome Co. on recommendation of City Engineer Harry Goodridge.

BIDS OPENED

HUMBOLDT COUNTY, Cal.—W. S. Selvage, 1305 L Street, Eureka, at $1.59 a cubic yard submitted low bid to Humboldt County Board of Supervisors, Eureka, for furnishing and spreading 2500 or more cubic yards of crushed rock on the Boynton Prairie Road in Road District No. 4.

Complete bids follow:

W. S. Selvage, Eureka	$1.59
Kjer Bros., Arcata	1.84

Contract awarded to low bidder on recommendation of County Engineer Frank Kelly.

BIDS WANTED

CALAVERAS & ALPINE COS., Cal.—Until August 26, 3 P. M., bids will be received by State Division of Highways, R. E. Pierce, District Engineer, 1200 North Center St., Stockton, for furnishing and applying liquid asphalt on about 24.6 miles bet. Dorrington and Hermit Valley in Calaveras and Alpine counties, involving:

(1) 120 tons liquid asphalt SC-2
(2) 140 tons liquid asphalt SC-4
(3) 130 tons liquid asphalt SC-2
(4) 30 tons liquid asphalt SC-4

Specifications and proposal forms obtainable from above.

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until September 3, 2 P. M., bids will be received by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing crushed gravel base course on Section C of Route 39, Sonora Pass National Forest Highway, and placing a crushed gravel bituminous treated surfacing on Section A of Route 83, Pine Crest National Forest Highway, Stanislaus National Forest, Tuolumne County.

The length of the project is 7.206 miles.

The principal items of work are:

(1) 1,000 c.y. unclass. excav.;
(2) 650 c.y. subgrade excavation;
(3) 1,900 s.y. unclass. for borrow;
(4) 1,450 c.y. miles borrow haul;
(5) 680 c.y. unclass. excav. for struc.
(6) 9,500 c.y. gravel subgrade reinf.;
(7) 26,850 tons crushed gravel base course;
(8) 1,500 tons crushed gravel surface course;
(9) 875 tons supp. crushed gravel;
(10) 1,870 M. gals. watering;
(11) 150 tons liquid asphaltic road material, Type SC-2;
(12) 102 tons do. Type MC-2;
(13) 0.969 mile mixing and rolling bituminous treated surfacing;
(14) 2,328 l.f. corrugated galv. metal pipe;
(15) 725 c.y. subgrade backfill;
(16) 1,200 c.y. gravel backfill;
(17) 480 sq. yds. mortar backfill seal;
(18) 75 culvert markers.

Specifications and proposal forms may be obtained at the above office on deposit of $10.00.

BIDS OPENED

JACKSON COUNTY, Oregon—F. C. Dillard, Medford, at $57,576.80 (metal pipe alternate) submitted low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 1.234 miles grading and 0.947 miles advance clearing on the Tiller-Trail Project 16-G1 H. National Forest Road in Rogue River National Forest, Jackson County, Oregon.

Complete bids follow:

(A) F. C. Dillard, Medford, metal $57,576.80 and concrete $57,676.80.
(B) McNutt Bros., Eugene, $57,732, and $57,772.
(C) E. C. Hall, Eugene, $62,993.50 and $63,003.50.
(D) E. L. Gates, McCredie Springs, Ore., $65,313.60 and $65,388.60.
(E) Berke Bros., Inc., Portland, $67,-008 and $67,027.
(F) J. C. Papin, Carson, Wash., $68,-621 and $68,676.
(G) Fred H. Slate, Multnomah, $70,-745.20 and $70,795.20.
(H) Parker - Schram Co., Portland, $72,489.50 and $72,534.50.
(I) Edward F. Webber, Medford, $73,-320.30 and $73,395.30.
(J) J. A. Lyons, Portland, $73,721.50 and $73,749.50.
(K) A. C. Greenwood, Inc., Portland, $74,920.20 and $75,020.20.
(L) P. L. Crooks Co., Inc., Portland, $82,745.20 and $82,795.20.

BIDS OPENED

NEVADA AND PLACER COS., Cal.—Harms Bros., 5220 Twenty-first Ave. Sacramento, at $35,981.10 submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for installing perforated metal pipe underdrains and corrugated metal pipe culverts on about 3.7 miles in Nevada and Placer Counties, between ½ mile west of Soda Springs and Donner Summit.

The work involves:

(1) 5,000 c.y. struc. excavation;
(2) 3 c.y. concrete removed and disposed of;
(3) 39 c.y. Class A Portland cement concrete (structures);
(4) 4,350 lbs. bar reinf. steel;
(5) 696 l.f. 18-in. CMP;
(6) 38 l.f. 30-in. CMP;
(7) 14,600 l.f. 8-in. perforated metal pipe underdrains;
(8) 3,600 c.y. rockfilling material (underdrains);
(9) 62 l.f. CMP culverts, removed & cleaned and salvaged;
(10) 32 each culvert markers.

Complete bids follow:

(A) Harms Bros., Sacramento, $35,-981.10.
(B) Geo. Pollock & Son, Sacramento, $38,995.10.
(C) Albert H. Siemer and John J. Carcano, San Anselma, $39,-144.30.
(D) Hemstreet & Bell, Marysville, $43,062.
(E) N. M. Ball, Berkeley, $52,710.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 3.50	$ 3.10	$ 4.50	$ 4.00	$ 6.00
(2)	20.00	5.00	5.00	10.00	7.00
(3)	35.00	45.00	28.00	40.00	30.00
(4)	.07	.08	.06	.08	.07
(5)	.50	.85	.10	.50	.40
(6)	.70	1.25	.35	1.00	.75
(7)	.25	.30	.08	.30	.25
(8)	3.50	4.50	3.85	4.50	4.75
(9)	.50	1.00	.50	1.00	1.00
(10)	3.00	3.00	4.20	3.00	3.00

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until August 26, 11 A. M., bids will be received by Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for improvement of Hill Road from Main Ave. to Dunne Ave in Supervisor Dist. No. 1. The work involves 109,150 sq. ft. oil macadam surfacing.

Plans and specifications on file at the above office and available from County Surveyor Robt. Chandler on payment of $1 per set.

PLANS APPROVED

SACRAMENTO COUNTY, Cal. — Board of Supervisors has approved projects for repair of about eight miles of county roads to cost $75,000, as recommended by County Engineer J. J. Rooney.

BIDS OPENED

LINCOLN and Tillamook Counties, Ore.—E. L. Gates, McCredie Springs, Ore., at $136,630 submitted low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 13.5305 miles grading on the Salmon River Highway Project 2-A3,B4, C3, National Forest Road located within the Siuslaw National Forest, Lincoln and Tillamook Cos., Ore

Complete bids follow:

(A) E. L. Gates, McCredie Springs, $136,630.35.

(B) McNutt Bros., Eugene, $137,-696.90.

(C) C. H. Leonard, Albany, $154,-634.45.

(D) J. A. Lyons, Portland, $159,-218.45.

(E) P. L. Crooks & Co., Portland, $159,739.15.

(F) A. C. Greenwood Co., Portland, $163,155.10.

(G) E. C. Hall, Eugene, $168,763.15

(H) Edlefsen - Weygandt, Portland, $174,447.49.

(I) F. C .Dillard, Medford, $173,-709.60.

(J) Joplin & Eldon, Portland, $189-716.95.

(K) L. Romano Engr. Corp., Seattle, $198,908.75.

CONTRACT AWARDED

SAN BENITO COUNTY, Calif.—L. A. Brisce, Arroyo Grande, at $3,696 awarded contract by State Highway Commission for about 13.7 miles of liquid asphalt treatment in San Benito County between San Benito and Willow Creek and between Route 119 and Pinnacles National Monument.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $90,420.60 awarded contract by the State Highway Commission, for grading and paving with asphalt concrete about 1.3 miles and constructing a reinforced concrete bridge on steel piles on I St., Colton

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —R. G. Carroll, 4496 Maryland St., San Diego, at $29,877 awarded contract by State Highway Commission for grading and applying readmix surface treatment on about one mile and constructing reinforced concrete abutments for an undergrade cressing in the City of Colton between the Santa Ana River and M Street.

CONTRACT AWARDED

LAKE COUNTY, Cal.—Basalt Rock Co., Inc., 900 8th St., Napa, at $2,537 awarded contract by State Highway Commission, for about 20.1 miles of liquid asphalt treatment in Lake Co., between Middletown and Lower Lake Road.

CONTRACT AWARDED

RIVERSIDE CO., Cal.—Square Oil Co., Inc., 916 Adobe St., Los Angeles, at $21,644 awarded contract by State Highway Commission for applying seal coat on about 50.1 miles in Riverside County between Valle Vista and Route 187.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal. — Albert Hellwig, 15 S. Main St., Sebastopol, at $12,405 awarded contract by State Highway Commission for about 67.5 miles of liquid asphalt treatment in Mendocino County ,bet. Gualalla and eight miles north of Fort Bragg.

CONTRACT AWARDED

INYO COUNTY, Cal.—Paulsen and March, Inc., 8275 Compton Avenue, Los Angeles, at $4459.85 awarded contract by State Highway Commission for road oiling in Inyo County, bet. Big Pine and the east end of Cedar Flat, about 13.5 miles in length te be treated with liquid asphalt.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until August 26, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for applying traffic stripe at various locations on about 402 miles of existing pavement in Sacramento, Placer, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada counties.

Bids will be taken as follows:

(1) 402 miles traffic stripe painting;

(2) 108 miles traffic stripe spotting.

Specifications and prepesal forms obtainable from above

BIDS WANTED

NEVADA, Placer and Butte Counties, Cal.—Until August 26, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for treating about 18.8 mi. with Class A and B seal coats at various points in Nevada, Placer and Butte Counties.

The work involves:

(1) 65 tons liquid asphalt, 90-90, in place (Location A);

(2) 740 tons screenings in place (Location A);

(3) 65 tons liquid asphalt, 90-95, in place (Location B);

(4) 770 tons screenings in place (Location B);

(5) 67 tons liquid asphalt, MC-3, in place (Location C);

(6) 600 tons sand in place (Location C).

Specifications and prepesal forms obtainable from above

CONTRACT AWARDED

INYO COUNTY, Cal.—Paulsen and March, Inc., 8275 Compton Avenue, Los Angeles, at $4806 awarded contract by State Highway Commission for treating with liquid asphalt about 20 miles in Inyo County, between 0.5 mile west of Lone Pine and Darwin, involving 360 tons liquid asphalt, Type SC-3.

CONTRACT AWARDED

GRAYS HARBOR CO., Wash.—Coluccle & Co., 2019 Third Ave., attle, at $160,623 awarded contract L. V. Murrow, Director of Highwa Olympia, for grading, surfacing w crushed stone and constructing tre ed timber trestles on about 11 m of State Road No. 9, Humptulips Quinault. P. W. Project 8030.

Fellewing bids received:

L. Coluccle & Co., Seattle.....$160,
Lidral Const. Co., Seattle..... 179,
R. O. Dail & Warren Bros., Aberdeen 181,
Grays Harber Const. Co., Aberdeen 195,
Halleran Bros., Seattle..... 197,
L. J. Dowell, Inc., Seattle..... 199,

BIDS OPENED

LINN COUNTY, Ore.—McNutt Br Eugene, Ore., at $107,086.40 (me pipe alternate) submitted low hid U. S. Bureau of Public Roads, W. Lynch, District Engineer, Portla for 2.272 miles grading and 6.726 mi subgrade reinforcement on the Sa tiam Highway, Project 23-G2,H2,I National Forest Road located with the Willamette National Forest. L County, Oregon.

Complete bids follow:

(A) McNutt Bros., Eugene, $10 086.40 (metal pipe); $107,450.40 (co crete pipe).

(B) Lucich & Co., Seattle, $11 101.10; $110,374.10.

(C) A. C. Greenweed Co., In Portland, $116,587.80; $117,042.80

(D) P. L. Crooks & Co., Portla $117,971.60; $117,789.60.

(E) Parker-Schram Co., Portla $118,942.80; $119,170.30.

(F) Colonial Const. Co., Spoka $121,602.40; $121,784.40.

(G) Fred H. Slate, Multnomah, $1 484.20; $131,166.70.

(H) L. Romano Engr. Corp., Sea tle, $135,597; $135,688.

BIDS WANTED

LOS ANGELES, Cal.—Griffith C 502 Los Angeles Railway Bldg., L Angeles, at $39,913 submitted low b to State Division of Highways, C. Purcell, Chief Engineer, 808 St Bldg., Los Angeles, for paving wi asphalt concrete about 1.4 miles Los Angeles county on Sunset Bl between La Veta Terrace and San Monica Blvd.

Complete total bids follew:

Griffith Co., Los Angeles..... $39,
George Curtis, Los Angeles..... 44,
Southwest Paving Co., L. A..... 52,

EL DORADO CO. — Drainage Structures — (State)

EL DORADO CO., Calif.—Harms Bros., 5220 Twenty-first Ave., Sacramento, at $18,626.40 submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for installing corrugated metal pipe culverts, perforated metal pipe underdrains and spillway assemblies on about 7.9 miles in El Dorade Co., between Kyburz and Strawberry.

The work involves:

(1) 2,500 c.y. structure excavation;

(2) 2,000 c.y. rock filling material (underdrains);

(3) 3 c.y. rubble masonry;

(4) 898 l.f. 8-in. CMP;

(5) 136 l.f. 18-in. CMP;

(6) 9,764 l.f. 8-in. perf. metal pipe;

(7) 18 spillway assemblies.

Complete bids follew:

(A) Harms Bres., Sacramento, $1 626.40.

(B) M.J.B. Const. Co., Stockton, $2 306.90.

(C) Hemstreet and Bell, Marysvil $25,298.20.

(D) A. H. Siemer and John J. Ca cane, San Anselme, $27,723.68.

(E) N. M. Ball & Son, Berkeley, $2 864.06.

(F) Geo. Pollock Co., Sacrament $30,005.60.

(G) L. C. Seidel, Oakland, $38,350.

Unit bids fellew:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$3.50	$ 2.20	$ 4.00	$ 6.00	$ 6.00	$ 3.60	$11.0
(2)	3.00	5.50	5.50	5.50	4.75	7.50	4.0
(3)	25.00	23.50	20.00	15.00	15.00	25.00	20.0
(4)	.40	.40	.40	.10	.27	.50	.2
(5)	.50	.50	.60	.20	.37	1.10	.4
(6)	.30	.30	.35	.12	.27	.50	.2
(7)	15.00	15.00	10.00	5.00	5.00	15.00	3.0

CNTRACT AWARDED

AKIMA and Kittitas Cos., Wash. Sher & Sons, 12039 Greenwood, Seatle, at $31,035, awarded contract by LV. Murrow, Director of Highways, Ompia, for constructing about 13,598 L of cable guard rail or 28,205 l.f. ometal guard rail on about 11.2 miles oState Road No. 5, Oak Flat to Chinok Pass, P. W. Project 7715.

Following bids received:

Sher & Sons, Seattle	$31,035
Ritiger & Moore, Bellingham	31,589
Nerl & Steffensen, Seattle	32,853
F C. Moss Const. Co., Zenith	32,971
Jim Arrington, Seattle	32,989
F J. Adler Co., Tacoma	32,931
Tomas Dingle, Yakima	35,205
McRae Bros., Seattle	47,494

EDS OPENED

MODOC COUNTY, Cal.—J. A. Cassi, 319 Warren St., Hayward, at $,698.80 submitted low bid to U. S. Ireau of Public Roads, C. H. Seetser, District Engineer, San Iancisco, for 20.699 miles bituminous tatment on Section A of Federal Ends Highway Project No. 6, Lava Ids, Modoc County, and on Sections Iand C of Route 11, the Lava Beds Ctional Forest Highway, Modoc County.

The work involves:

(110 tons liquid asphaltic road material, Type SC-2;
(247 tons do, Type MC-2;
(620 tons do, Type MC-3;
(8623 miles mixing and rolling;
(Extra work sanding bituminus treated surface;
(Extra work maintaining one-way traffic control.

Compitte bids follow:

) J. A. Casson, Hayward, $29,-698.80.
) Dunn & Baker, Klamath Falls, $32,117.
) Harms Bros., Sacramento, $32,-229.40.
) M. J. B. Constr. Co., Stockton, $36,547.67.
) Engineer's Estimate, $29,698.80.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
) ...	$ 20.00	$20.00	$20.00	$27.10	$20.00
)...	25.00	25.80	26.00	39.25	25.00
)...	25.00	25.80	26.00	30.00	25.00
)...	600.00	800.00	800.00	536.00	600.00
)...	350.00	350.00	350.00	350.00	350.00
)...	300.00	300.00	300.00	300.00	300.00

OMPLETE BIDS

WHITE PINE COUNTY, Nevada—. B. Lee, 1059 Carpentier St., San eandro, at $42,404.85 awarded conact (as previously reported) by Neada State Highway Directors, Robt. . Allen, State Highway Engineer, arson City, for 22.86 miles asphaltic ad-mix surfacing on a portion of e state highway system in White ine County, Route 4, Sections A2, 3, A4 and B1, between 34 miles uthwest of Ely and 11 miles southest of Ely.

The work involves:

) 1527 tons asphaltic road material, Type SC-2;
2) 136 tons do, Type MC-2;
4) 22.86 miles roadmix;
1) 22.86 miles finish roadway;
5) 196 each culvert markers.

Complete bids follow:

A) U. B. Lee, San Leandro, $42,-404.85.
B) W. W. Clyde & Co., Springville, Utah, $43,036.
C) Dodge Constr. Co., Inc., Fallon, $43,839.75.
D) J. A. Casson, Hayward, $45,-530.70.

Unit prices follow:

	(A)	(B)	(C)	(D)
).....	$ 18.55	$ 18.50	$ 19.25	$ 19.10
).....	25.00	26.00	26.26	25.00
).....	425.00	450.00	400.00	500.00
).....	25.00	25.00	50.00	50.00
).....	2.00	2.00	3.00	2.00

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—Union Paving Company, 624 Call Bldg., San Francisco, at $97,437.50 awarded contract by State Highway Commission for 3.6 miles grading, surfacing with crusher run base and applying bituminous surface treatment in San Mateo County, between Edgemar and Thornton.

CONTRACT AWARDED

KERN COUNTY, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $94,994.60 (Alternate B) awarded contract by State Highway Commission for grading and paving with Portland cement concrete about one mile and constructing underpass abutment between one mile south of Delano and Delano, Kern County.

CONTRACT AWARDED

SANTA CLARA & SANTA CRUZ COUNTIES, Cal.—Forsythe-Werden & Co., 264 Sybil Ave., San Leandro, at $4480 awarded contract by State Highway Commission for side removal on about 1.3 miles in Santa Clara and Santa Cruz Counties, bet. Saratoge Gap and Black Road, involving 16,000 cu. ydsfl roadway excavation, unclassified.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at $103,850 awarded contract by State Highway Commission for constructing an undergrade crossing under the tracks of the Southern Pacific Railroad and one and one-half miles south of Agnew, consisting of two concrete abutments with wing walls and approximately 0.29 mile roadway to be graded and paved with Portland cement concrete.

CONTRACT AWARDED

WHITE PINE COUNTY, Nevada—U. B. Lee, 1059 Carpentier St., San Leandro, at $42,404.85 awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for surfacing 22.86 miles with asphaltic road mix comprising Sections A2, A3, A4 and B1 of Route 4, between 34 miles southwest of Ely and 11 miles southwest of Ely, White Pine County.

Second low bid submitted by W. W. Clyde Co., Springville, Utah, at $43,-036.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. George Herz & Company, 311 Platt Bldg., San Bernardino, at $74,578.40 awarded contract by State Highway Commission for grading and paving with Portland cement concrete about 1.9 mile in the City of Redlands, bet. Alabama and State Streets.

CONTRACT AWARDED

EL DORADO COUNTY, Cal.—M. J. B. Construction Co., Stockton, at $13,-915.25 awarded contract by the State Highway Commission for placing untreated crushed gravel or stone base and roadmix surfacing on about one mile in Eldorado County at Oglesby Canyon.

CONTRACT AWARDED

ELDORADO and Yolo Cos., Calif.—E. F. Hilliard, 1355 43rd St., Sacramento at $6,325 awarded contract by State Highway Commission for about 28 miles treating with liquid asphalt in Eldorado and Yolo Counties, between Auburn Junction (Mile 7.89) and Cool and between 4 miles north of Solano, Yolo County line and Irrigation Canal.

COMPLETE BIDS

LOS ANGELES, Cal.—Griffth Co., 602 Los Angeles Railway Bldg., Los Angeles, at $39,913 (as previously reported) submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, 808 State Bldg., Los Angeles, for paving with asphalt concrete about 1.4 miles in Los Angeles County on Sunset Blvd., between La Veta Terrace and Santa Monica Blvd.

The work involves:

(1) 400 c.y. struc. excavation;
(2) 170 tons mineral aggregate (plant mixed surfacing);
(3) 9 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing);
(4) 1 ton liquid asphalt MC-2 (prime coat);
(5) 1,150 tons asphalt concrete (base and leveling course);
(6) 4,000 tons asphalt concrete, type B (surface course);
(7) 46,100 sq. yds. asphaltic paint binder;
(8) 500 lbs. bar reinf. steel (struc.);
(9) 30 c.y. Class A Portland cement concrete (struc.);
(10) 200 l.f. 12-in. standard reinforced concrete pipe;
(11) 30 l.f. 18-in. do;
(12) 520 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks, and driveways);
(13) 50 l.f. curb armor;
(14) 60 each manholes adjusted to grade;
(15) 1,020 l.f. roof drains adjusted;
(16) 1,350 c.y. existing asphalt concrete surface removed and disposed of;
(17) 1,000 c.y. Portland cement concrete removed and disposed of;
(18) 3,500 lbs. misc. iron and steel;
(19) 1 lot misc. items of work.

The total bids were:

(A) Griffith Co., $39,913.
(B) George R. Curtis Paving Co., Los Angeles, $44,343.55.
(C) Southwest Paving Co., Roscoe, $52,632.50.

The unit bids were:

	(A)	(B)	(C)
(1).....	$ 1.00	$ 1.20	$ 3.00
(2).....	2.00	1.95	3.00
(3).....	15.00	16.95	15.00
(4).....	35.00	39.00	32.60
(5).....	2.50	2.75	3.00
(6).....	3.09	3.36	3.20
(7).....	.02	.02	.02
(8).....	.06	.06	.25
(9).....	18.00	20.00	91.00
(10).....	1.40	1.65	1.35
(11).....	2.50	2.75	1.35
(12).....	11.00	9.00	17.20
(13).....	1.25	1.10	1.25
(14).....	6.00	12.00	10.00
(15).....	.80	.25	.55
(16).....	5.75	8.91	4.40
(17).....	2.25	2.80	7.25
(18).....	.10	.11	.03
(19).....	200.00	250.00	75.00

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Avenue, at $6,186.26 awarded contract by Department of Public Works under Spec. No. 18,860 for the improvement of Newhall Street between Carroll Ave. and the southerly line of Williams Ave., where not already improved.

BIDS REJECTED

COCONINO COUNTY, Arizona—Arizona Sand & Rock Co., Box 1522, Phoenix, bid at $7080 for placing a seal coat on 15.448 miles of Section B and C, Route 4, the Ashfork-Flagstaff-Angell National Forest Highway, Coconino County, has been rejected by U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $1,186.88 awarded contract by Department of Public Works under Spec. No. 18,826 for the improvement of Orizaba Avenue between Randolph and Sargent Streets and Minerva Street between Capitol and Orizaba Avenues.

COMPLETE BIDS

RIVERSIDE COUNTY, Cal.—Matich Bros., Elsinore, at $15,993 (as previously reported) submitted low bid to State Division of Highways, 808 State Bldg., Los Angeles, for applying seal coat to existing shoulders on about 66.7 miles in Riverside County between Corona and the southerly boundary and between Riverside and Elsinore.

The work involves:

(1) 395 tons asphaltic emulsion 90-50;
(2) 2,820 c.y. sand.

The bids were:

Matich Bros., Elsinore: (1) $22; (2) $3.37; (total) $15,993.40.
C. A. Sparks, Los Angeles: (1) $23; (2) $2.50; (total) $16,135.00.
R. E. Hazard Const. Co., San Diego, (1) $22; (2) $3.45; (total) $18,-350.00.
E. L. Yeager, San Bernardino, (1) $21; (2) $3.75; (total) $18,870.00.
A. S. Vinnell Co., Los Angeles, (1) $22; (2) $3.90; (total) $19,688.
Martin Brothers Trucking Co., Long Beach, (1) $26; (2) $5.20; (total) $25,171.00.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until Sept. 5, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, 808 State Bldg., Los Angeles, for road-mix surface treatment and applying seal coat on about 42.6 miles in San Bernardino county, between northerly boundary and Baker, involving:

(1) 3,550 tons liquid asphalt, SC-2;
(2) 500 000 sq. yds. preparing, mixing, and shaping roadbed;
(3) 180 tons asphaltic emulsion, 9095 (seal coat);
(4) 1,250 c.y. sand (seal coat).

Specifications and proposal forms may be obtained at the office of the State Highway Engineer, Public Works Bldg., Sacramento, and are on file at the offices of the District Engineer in San Francisco, Los Angeles and San Bernardino. •

NOTICE TO BIDDERS

SAN DIEGO COUNTY, Cal.—Representative of the State Division of Highways, District Engineer's office at San Diego, will accompany prospective bidders over the proposed project in San Diego County, at various locations between four miles east of Bostonia and two miles east of Alpine, road XI-S.D-12-C.D, for which bids are to be received in Los Angeles on August 29.

Said representative will meet prospective bidders in front of El Cajon Post Office on Monday, August 19 and Monday, August 26, at 11 A. M.

Prospective biders are urged to cooperate with the District Office and arrange to make their field inspection on the above dates.

August 13, 1935

BIDS WANTED

BUTTE, Yolo, Colusa and El Dorado Counties, Cal.—Until August 26, 10:30 A. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for treating about 27.1 miles with Class A, B and C seal coats at various points in Butte, Yolo, Colusa and El Dorado Counties.

The work involves:

(1) 42 tons asphaltic emulsion, 90-95, in place (Location A);
(2) 360 tons sand in place (Loc. A);
(3) 40 tons asphaltic emulsion, 90-95 in place (Location B);
(4) 335 tons sand in place (Loc. B);
(5) 55 tons liquid asphalt, MC-3 (Location C);
(6) 485 tons sand in place (Loc. C);
(7) 23 tons liquid asphalt, 90-95, in place (Location D);
(8) 255 tons screenings in place (Location D);
(9) 95 tons liquid asphalt, MC-3, in place (Location E);
(10) 825 tons sand in place (Loc. E);
(11) 27 tons liquid asphalt, MC-3, in place (Location F);
(12) 240 tons sand in place (Loc. F).

Specifications and prposal forms obtainable from above and on file at the office of DAILY PACIFIC BUILDER. • 29

BIDS OPENED

FERRY COUNTY, Wash.—C. E. Oneal, Stevenson, Wash., at $72,-757.78 (metal pipe alternate) submittel low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Building, Portland, for grading 3.3078 miles of the Republic-Kettle Falls Highway, Project NR-20C, located within the Colville National Forest, Ferry Co., Wash.

Complete bids follow:

(A) C. E. Oneal, Stevenson, metal, $72,757.78, and $73,362.78.
(B) Goodfellow Bros., Inc., Coulee Dam, $74,545.36 and $75,026.56.
(C) Clifton & Applegate, Spokane, $75,507.56 and $75,903.56.
(D) Colonial Constr. Co., Spokane, $75,838.56 and $76,335.56.
(E) Elliott & Co., Inc., Seattle, $79,-521.95 and $79,763.95.
(F) James Crick, Spokane, $84,374.34 and $84,712.34.
(G) Lucich & Co., Seattle, $87,548.95 and $87,810.95.
(H) A. Besoloff Co., Seattle, $88,316.66 and $88,656.34.
(I) Tony Marrozzo, Spokane, $95,786.-25, and $9,302.05.
(J) March Constr. Co., Spokane, $98,-948.67, and $99,322.67.
(K) Triangle Constr. Co., Spokane, $99,712.34 and $100,260.34.
(L) L. Romano Engr. Corp., Seattle, $100,563.90 and $100,737.90.
(M) Siems - Spokane Co., Spokane, $100,853.83 and $101,664.84.
(N) Herman&Pearson, Seattle, $101,-537.68 and $101,780.68.
(O) Myers & Goulter, Seattle, $103,-175.70 and $103.544.50.

BIDS WANTED

INYO COUNTY, Cal.—Until Sept. 4, 2 P. M., bids will be received by State Division of Highways, C H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for road-mix surface treatment of about 54 miles in Inyo County between Panamint Sink and the county line, involving:

(1) 2,675 tons liquid asphalt, SC-2;
(2) 550,000 sq. yds. preparing, mixing and shaping roadbed.

Specifications and proposal forms may be obtained at the office of the State Highway Engineer, Public Works Bldg., Sacramento, and are on file at the offices of the District Engineer in San Francisco, Los Angeles and Bishop. • 3

BIDS WANTED

SAN LUIS OBISPO COUNTY, Cal.—Until Sept. 4, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for applying seal coat to about 21.2 miles in San Luis Obispo county, between Estrella River and easterly boundary, involving:

(1) 232 tons liquid asphalt, ROMC-
(2) 2,250 tons screening.

Specifications and proposal form may be obtained at the office of the State Highway Engineer, Public Works Bldg., Sacramento, and are on file at the offices of the District Engineer in San Francisco, Los Angeles and San Luis Obispo. •

BIDS WANTED

STATE OF WASHINGTON.—Until August 27, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway improvement contracts as follows:

1. Paving with Portland cement concrete and resurfacing existing concrete pavement with asphaltic concrete on about 0.6 mile of State Road No. 1, Sales Road to South Corporate Limits of Tacoma, Federal Aid Project No. 171-H, in Pierce County involving about 852 c.y. of cement concrete pavement, 2030 tons asphaltic concrete, 810 l.f. of pipe culvert and other items.

2. Grading and paving with Portland cement concrete about 1.2 miles of State Road No. 2, Austin Revision Public Works Proj. No. 7714, in Chelan County, involving about 19,820 c.y. of excavation, 13,468 square yards of cement concrete pavement, 5,860 l.f. of irrigation pipe, 711 l.f. of pipe culverts and other items.

3. Surfacing and constructing a bituminous macadam surface on about 12.9 miles of State Road No. 5, Oak Flat to Nelson Bridge, Federal Aid Project No. 161-F in Yakima County involving about 18,820 c.y. of crushed stone surfacing, 16,570 c.y. of mineral aggregate (oil rock), 1,063 tons of bituminous cement, 13,498 l.f. of cable guard rail design No. 6 and other items.

4. Paving with Portland cement concrete about 1 mile of State Road No. 12, Meskill Hill, Doty Hill and Skidmore Dike—paving gaps, Federal Aid Projects Nos. 131-B, 131-D and 178-E, in Lewis and Pacific Counties.

5. Surfacing with crushed stone on about 9.5 miles of State Road No. 15, Summit to Crescent City, Unit 3 of Federal Aid Project No. 190-A, in Chelan County, involving about 11,490 c.y. of ballast, 27,360 c.y. of crushed stone surfacing and other items.

6. Grading and surfacing with crushed stone about 5.5 miles of State Road No. 22, Cedonia North, Section 2, Public Works Project No. 4648, in Stevens County, involving about five acres of clearing, 188,900 c.y. of excavation, 14,710 c.y. of crushed stone surfacing, 2949 l.f. of pipe culverts and other items.

Plans and specifications obtainable on deposit of $2 for each set.

30—RESERVOIRS & DAMS

SUB-CONTRACTS AWARDED

SANTA CLARA COUNTY, Cal.—F. O. Bohnett and D. MacDonald, Campbell, have awarded sub-contracts for placing a portion of the earth-fill embankment on the Stevens Creek and Almaden dams being constructed for the Santa Clara Valley Water Conservation District. A contract has been let to Crow Brothers, Beaumont, for work at the Stevens Creek Dam and to J. F. Collins, Chico, for the Almaden Dam.

RIVERSIDE CO., Calif.—Cajalco Dam and Dike—(Dist.)

IVERSIDE COUNTY, Calif.—Griffi Co., 502 Los Angeles Railway Bldg., Los Angeles, (as previously reported) submitted the low bid to the Metropolitan Water District, Los Angeles, August 12 at $4,646,856.50, for constructing the Cajalco Dam, dyke, diversion and outlet tunnels, and outlet tower, in accordance with Spec. No. 112.

The total bids were:

(A) Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, total $4,646,856.50; Schedule 1, $200,790; Sched. 2, $390,933; Schedule 3, $1,669,213; Schedule 4, $2,222,460; Schedule 5, $3,460.50.

(B) L. E. Dixon Co., Bent Bros., Inc. and Johnson, Inc., 609 S. Grand Ave., Los Angeles, total $4,742,319.-50; Schedule 1, $196,568.50; Schedule 2, $5,875; Schedule 3, $1,815,957; Sched. 4, $2,110,590; Schedule 5, $173,329.

(C) Columbia Construction Co., 1522 Lahm Square Bldg., Oakland, total $4,769,986.35; Sched. 1, $156,730; Sched. 2, $391,333.25; Schedule 3, $1,937,663.10; Schedule 4, $2,090,985; Sched. 5, $183,-200.00.

(D) Macco Const. Co., Emsco Derrick & Equipment Co. and Broderick & Gordon, bidding jointly, 815 Paramount Blvd., Clearwater, total $4,-848,777.30; Sched. 1, $214,618.50; Sched. 2, $400,134.60; Schedule 3, $1,895,675.-80; Schedule 4, $2,170,440.10; Schedule 5, $156,908.30.

(E) Walsh Const. Co., 905 Chester Williams Bldg., Los Angeles, and Guy F. Atkinson, 925 Story Bldg., Los Angeles, bidding jointly, total $4,883,-830.50; Schedule 1, $198,550; Schedule 2, $446,340; Schedule 3, $1,978,270.50; Schedule 4, $2,080,120; Sched. 5, $179,-800.00.

(F) W. E. Callahan Const. Co., 206 S. Spring St., Los Angeles, total $5,-040,672.50; Schedule 1, $159,965; Sched. 2, $349,242.50; Schedule 3, $2,191,797; Schedule 4, $2,428,595; Sched. 5, $230,-800.00.

The work is located about 10 miles southwesterly from the city of Riverside in Riverside County, and due east from Corona. The work comprises the excavation and lining of diversion and outlet tunnels, 9-ft. and 14-ft. in diameter, and 2000 and 635 ft. in length, respectively, the construction of an earth fill dam with crest length of 2584 ft. and maximum height of about 194 ft., earth fill dike with crest length of 7574 ft. and maximum height of about 90 ft., and a spillway, outlet tower and bridge supports; and the excavation of an approach channel to the outlet tower. The capacity under the present development will be 100,000 acre feet.

F. E. Weymouth, General Manager and Chief Engineer.

The schedules and items are as follows:

SCHEDULE NO. 1

Construction of the diversion tunnel and appurtenant works. Tunnel length 1900 ft., diameter 9 ft., lining, monolithic concrete.

(1) 27,500 c.y. excavation in approach cuts;
(2) 9,000 c.y. excav. in tunnel;
(3) 50 c.y. excav. for tunnel enlargement;
(4) 30 tons erecting steel support in tunnel;
(5) 50 M. ft. b.m. furnish and place permanent timbers in tunnel;
(6) 50 c.y. gunite coating of rock in tunnel;
(7) 2100 l.f. drilling grout and drain holes;
(8) 2000 lbs. installing grout and drain pipes and fittings;
(9) 200 c.y. pressure grouting;
(10) 350,000 lbs. placing reinf. steel.
(11) 4400 c.y. concrete in tunnel and portals;
(12) 1500 ton-miles hauling steel;
(13) 10,000 ton-miles hauling cement;

SCHEDULE NO. 2

Construction of the outlet tunnel and appurtenant works. Tunnel length 2565 ft.; diameter 14 ft.; lining ,steel cylinder with concrete backing and inner lining of gunite.

(14) 22,000 c.y. excavating in the approach cut;
(15) 24,000 c.y. excavating in tunnel;
(16) 100 c.y. excavation for tunnel enlargement;
(17) 75 tons erecting steel supports in tunnel;
(18) 80 M. ft. b.m. furnish and place permanent timbers in tunnel;
(19) 75 c.y. gunite coating of rock in tunnel;
(20) 3000 l.f. drilling grout holes;
(21) 2000 lbs. installing grout pipes and fittings;
(22) 150 c.y. pressure grouting;
(23) 1540 l.f. furnish and install ¼-in. plate steel cylinders;
(24) 115 l.f. furnish and install 5/16-inch do;
(25) 270 l.f. furnish and install ⅜-inch do;
(26) 640 l.f. furnish and install 7/16-inch do;
(27) 5000 lbs. placing reinf. steel;
(28) 7600 c.y. concrete in tunnel behind steel cylinder;
(29) 2565 l.f. gunite lining of steel cylinder;
(30) 400 ton-miles hauling steel;
(31) 15,000 ton-miles hauling cement.

SCHEDULE NO. 3

Construction of dam and spillway and appurtenant works.

(32) removing Holmes lower dam, lump sum;
(33) 50,000 c.y. stripping for borrow pits;
(34) 575,000 c.y. earth excav. for dam foundation;
(35) 25,000 c.y. rock excav. for do;
(36) 2000 c.y. excav. for dam cut-off wall-earth;
(37) 2000 c.y. do—rock;
(38) 90,000 c.y. excav. for spillway—earth;
(39) 30,000 c.y. do—rock;
(40) 3000 c.y. excav. for cut-off walls and drain trenches in spillway—earth;
(41) 2000 c.y. do—rock;
(42) 8,000 c.y. excav. for dam toe trench and drainage trenches—earth;
(43) 10,000 c.y. backfill above cut-off wall;
(44) 400,000 c.y. earth fill in embankment, material from required excavation;
(45) 3,000,000 c.y. earth fill in embankment, material from borow pits;
(46) 2,400,000 yard-trips rolling material other than under items 44 and 45 (at ¼c per yard-trip);
(47) 40,000 c.y. rock blanket on dam, material from required excavations;
(48) 10,000 c.y. rock blanket on dam, material from quarries;
(49) 3300 c.y. embankment crest surfacing;
(50) 210 l.f. constructing 5-inch tile drains;
(51) 8000 l.f. constructing 8-in. do;
(52) 3000 l.f. drilling grout holes, to 30 ft. in depth;
(53) 4500 l.f. do more than 30- and to 60-ft. in depth;
(54) 2800 l.f. do more than 60- and to 100-ft. in depth;
(55) 2400 l.f. do more than 100- and to 150-ft. in depth;
(56) 200 l.f. do more than 150- and to 200-ft. in depth;
(57) 60,000 lbs. installing grout pipes and fittings;
(58) 270 c.y. pressure grouting;
(59) 9000 c.y. concrete and cut-off walls for dam and spillway;
(60) 16,000 c.y. concrete paving on dam;
(61) 2050 c.y. concrete spillway lining
(62) 700 c.y. concrete in parapet wall
(63) 100 c.y. concrete in structures;
(64) 100 c.y. concrete in diversion tunnel plug;

(Continued on Next Page)

UNIT PRICE TABULATION

SCHEDULE 1

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 1.50	$ 1.50	$ .78	$ 1.78	$ 1.50	$ 1.00
(2)	10.50	11.57	9.00	11.16	10.00	6.00
(3)	10.00	11.57	11.00	12.66	12.00	30.00
(4)	45.00	35.00	42.00	40.00	40.00	100.00
(5)	75.00	43.00	78.00	60.00	70.00	93.00
(6)	22.00	20.00	15.00	13.00	25.00	30.00
(7)	.70	.60	1.00	.67	.50	1.70
(8)	.12	.10	.10	.20	.15	.26
(9)	23.00	25.00	24.00	26.66	25.00	36.00
(10)	.018	.01	.015	.01	.015	.02
(11)	10.00	8.00	10.00	10.00	11.00	11.00
(12)	.22	.20	.18	.06	.10	.25
(13)	.14	.07	.12	.06	.06	.10

SCHEDULE 2

	(A)	(B)	(C)	(D)	(E)	(F)
(14)	$ 1.50	$ 1.50	$ .78	$ .78	$ 1.40	$ .76
(15)	6.00	8.54	6.00	6.33	8.00	6.00
(16)	8.00	10.00	9.50	12.65	12.00	20.00
(17)	40.00	45.00	42.00	40.00	40.00	100.00
(18)	70.00	48.00	78.00	60.00	70.00	93.00
(19)	21.00	20.00	15.00	13.33	25.00	30.00
(20)	.70	.60	1.00	.67	.50	1.70
(21)	.10	.10	.10	.20	.15	.26
(22)	23.00	25.00	24.00	26.66	25.00	36.00
(23)	33.00	30.00	38.50	40.40	33.00	43.50
(24)	45.00	40.00	50.00	53.72	44.00	63.50
(25)	54.00	50.00	60.00	64.00	53.00	64.00
(26)	61.00	55.00	72.00	74.39	60.00	74.50
(27)	.018	.01	.018	.01	.015	.02
(28)	6.50	6.00	7.75	7.42	8.00	8.15
(29)	11.00	18.00	9.25	9.33	14.00	18.00
(30)	.22	.20	.18	.06	.10	.25
(31)	.14	.07	.12	.06	.06	.10

(Continued on Next Page)

SCHEDULE 3

	(A)	(B)	(C)	(D)	(E)	(F)
(32)	$4500.00	$2500.00	$3000.00	$16,000.00	$5000.00	$7000.00
(33)	.30	.15	.21	.13	.20	.30
(34)	.26	.22	.41	.52	.51	.33
(35)	.88	2.00	1.20	1.20	1.50	1.10
(36)	1.25	2.00	2.10	1.33	2.00	2.00
(37)	1.75	6.00	4.75	8.00	6.00	4.00
(38)	.25	.40	.38	.225	.40	.55
(39)	.70	1.50	1.10	.73	1.60	1.20
(40)	1.25	2.25	2.10	.53	1.00	2.00
(41)	2.50	6.00	4.75	5.33	6.00	4.00
(42)	1.00	.75	1.00	.67	.75	1.35
(43)	.50	.50	.42	.67	.30	.80
(44)	.06	.05	.17	.20	.04	.15
(45)	.37	.39	.384	.351	.40	.45
(46)	.0025	.0025	.0025	.0025	.0025	.0025
(47)	.30	.30	.42	.33	.50	.34
(48)	.70	1.15	1.20	1.33	.90	1.05
(49)	.53	.70	1.20	.40	.60	1.05
(50)	.30	.50	.72	.47	.35	1.00
(51)	.75	.50	.90	.60	.40	1.05
(52)	1.00	.50	1.10	2.00	2.50	1.85
(53)	4.25	3.50	1.80	3.67	2.50	3.85
(54)	4.25	3.50	3.00	4.67	2.75	3.85
(55)	4.25	3.50	4.20	5.00	3.00	3.85
(56)	4.25	3.50	5.10	5.33	3.50	3.85
(57)	.15	.07	.07	.10	.08	.16
(58)	28.00	25.00	24.00	18.00	40.00	36.00
(59)	5.20	5.00	6.25	5.77	5.00	7.00
(60)	4.50	6.75	6.00	6.10	6.00	8.35
(61)	4.50	6.75	9.50	10.00	8.00	12.30
(62)	8.50	15.50	15.50	9.36	10.00	15.75
(63)	16.00	20.00	21.50	33.33	15.00	33.00
(64)	9.00	10.00	15.50	26.67	6.00	8.50
(65)	1.70	1.75	1.75	2.13	2.00	1.90
(66)	.02	.03	.025	.04	.025	.025
(67)	.07	.05	.05	.026	.04	.07
(68)	.20	.10	.12	.067	.20	.25
(69)	.02	.05	.06	.10	.05	.15
(70)	.40	.20	.24	.27	.20	.30
(71)	300.00	150.00	175.00	250.00	100.00	1000.00
(72)	.006	.01	.01	.007	.006	.015
(73)	.01	.01	.02	.02	.01	.025
(74)	.22	.20	.18	.06	.10	.16
(75)	.14	.07	.12	.06	.06	.10

SCHEDULE 4

	(A)	(B)	(C)	(D)	(E)	(F)
(76)	$ .30	$ .15	$ .21	$ .13	$ .20	$ .35
(77)	.27	.15	.21	.16	.25	.36
(78)	.90	.75	1.10	1.00	1.00	1.20
(79)	.35	2.40	.90	.67	.50	1.60
(80)	2.00	6.00	4.00	8.00	5.00	4.00
(81)	1.25	.50	.60	.67	.60	1.10
(82)	.50	.50	.42	.33	.30	.80
(83)	.445	.39	.384	.41	.39	.43
(84)	.32	.20	.30	.27	.30	.42
(85)	.45	.39	.32	.37	.35	.53
(86)	.35	.50	.12	.53	.40	.33
(87)	.75	1.15	1.25	1.33	.90	1.20
(88)	.60	.70	1.20	.40	.60	.70
(89)	.75	.50	.90	.60	.40	1.05
(90)	5.00	5.00	6.50	5.75	8.00	6.85
(91)	5.00	6.00	6.00	6.10	6.00	7.65
(92)	8.50	10.00	15.50	9.36	10.00	15.75
(93)	17.00	20.00	21.00	33.33	15.00	33.00
(94)	.04	.05	.10	.09	.05	.15
(95)	.005	.01	.01	.007	.006	.015
(96)	.01	.01	.015	.02	.01	.025
(97)	.22	.20	.18	.06	.10	.16
(98)	.14	.07	.12	.06	.06	.10

SCHEDULE 5

	(A)	(B)	(C)	(D)	(E)	(F)
(99)	$ .70	$ .80	$ .72	$ .63	$ .90	$ .95
(100)	2.00	1.50	2.20	2.00	2.00	4.00
(101)	.60	.50	.60	.33	.40	.80
(102)	5.00	6.00	6.50	5.00	5.50	9.15
(103)	20.00	20.00	28.00	23.00	12.00	23.60
(104)	.025	.02	.035	.026	.02	.04
(105)	.10	.25	.12	.067	.15	.25
(106)	.45	.40	.24	.26	.20	.26
(107)	300.00	150.00	125.00	1000.00	1000.00	660.00
(108)	.018	.01	.018	.02	.01	.025
(109)	.22	.20	.18	.06	.10	.16
(110)	.14	.07	.12	.06	.06	.10

E. M. HUNDLEY
Building Hardware Specialist
SARGENT BUILDERS' HARDWARE
Member Builders' Exchange
662 Mission Street San Francisco - Phone DOuglas 6386-6387

(65) 1510 l.f. constructing supports walkway for sluice pipe;
(66) 75,000 lbs. installing 24-in. slu pipe in diversion tunnel;
(67) 10,000 lbs. installing valves, c. iron pipe and fittings in slui way;
(68) 600 lbs. installing hand railin,
(69) 1800 lbs. installing misc. m work;
(70) 1510 ft. installing electrical c duit;
(71) installing electrical conductors apparatus (lump sum);
(72) 2,850,000 lbs. placing reinf. st in paving slab and spillway;
(73) 150,000 lbs. placing reinf. st in structures;
(74) 12,000 ton-miles hauling steel;
(75) 50,000 ton-miles hauling cemen

SCHEDULE NO. 4

Construction of Dike and Appur nant Works.

(76) 25,000 c.y. stripping for borr pits;
(77) 30,000 c.y. do for dike;
(78) 10,000 c.y. excav. for dike fou dation—rock;
(79) 20,000 c.y. do for dike cut-wall—earth;
(80) 4000 c.y. do—rock;
(81) 5000 c.y. excav. for toe tren and drainage trenches—earth
(82) 13,000 c.y. backfill above cut-o wall;
(83) 4,000,000 c.y. earth fill in e bankment;
(84) 90,000 c.y. earth blanket fr redeposited materials;
(85) 10,000 c.y. earth blanket fr borrow pit material;
(86) 53,000 c.y. rock in toe trenc material from required excav
(87) 10,000 c.y. rock in toe trench m terial from quarries;
(88) 6200 c.y. embankment crest su facing;
(89) 15,000 ft. constructing 8-in. t drains;
(90) 12,000 c.y. concrete in cut-o wall;
(91) 36,800 c.y. concrete paving dike;
(92) 2400 c.y. concrete in parapet w
(93) 200 c.y. concrete in structures
(94) 5000 lbs. installing misc. met work;
(95) 6,100,000 lbs. placing reinf. st in paving slab and cut-off wa
(96) 375,000 lbs. placing reinf. steel structures;
(97) 17,000 ton-miles hauling steel;
(98) 70,000 ton-miles hauling cemen

SCHEDULE NO. 5

Construction of the Outlet Towe Approach Channel and Bridge Su ports.

(99) 148,000 c.y. excav. for tower a approach channels above Elev tion 1250;
(100) 2500 c.y. do below Elev. 125 bridge pier and anchor;
(101) 1050 c.y. backfill about struc
(102) 2100 c.y. concrete in outlet tow er foundation, below Elev. 125 bridge pier and anchor;
(103) 1010 c.y. concrete in outlet tow er superstructure;
(104) 544,000 lbs. installing metal wo
(105) 6400 lbs. installing high pressu piping and fittings;
(106) 450 ft. installing electrical co duit;
(107) installing electrical conductor apparatus (lump sum);
(108) 425,000 lbs. placing reinf. stee
(109) 2500 ton-miles hauling steel;
(110) 4200 ton-miles hauling cemen

31 — PIPE LINES & WELLS

FUNDS GRANTED

DENVER, Colo.—Public Works Administration has granted $2,137,725 to City of Denver for extension of the Moffatt water tunnel project, by means of which water will be brought to the city through construction of canals, conduits, flumes, siphons, storage dam and filter plant. Additional funds of $2,612,775 will be provided by the city.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

CAMARILLO, Ventura Co., Calif.—Fred. J. Early, Jr., 369 Pine St., San Francisco, at $83,900 awarded contract by Department of Public Works Sacramento, for constructing sewage disposal plant at the Camarillo State Hospital. Complete bids published July 31.

August 12, 1935

CONTRACT AWARDED

SAN FRANCISCO—Eaton & Smith, 735 Ocean Avenue, at $3,055 awarded contract by the Department of Public Works under Spec. No. 18,854 for construction of sewers and appurtenances in LaGrande Avenue between Mansfield and Felton Streets; in Burrows Street between Mansfield and Knox Streets; in Mansfield Street between Burrows Street and LaGrande Avenue and Knox Street.

PREPARING PLANS

SANTA CLARA, Santa Clara Co., Cal.—City Engineer George L. Sullivan is preparing plans for a sewage treatment plant to cost $25,000. City Council has authorized him to engage a consulting expert.

ENGINEER APPOINTED

WASCO, Kern Co., Calif. — Directors of Wasco Public Utility District have authorized H. H. Holley, Larkin Bldg., Visalia, to prepare an application to WPA for funds to construct sewer system in Wasco.

LOW BIDDER

OREGON-WASHINGTON — Siems-Helmers, Inc., St. Paul, Minn., at $346,520 albmitted low bid to U. S. Engineer, Second Portland District, Mjor C. F. Williams, Portland, for channel improvements in Columbia River from Celilo Falls to Wallula.

Bids received previously, July 30, were rejected as excessive and the work was readvertised. The previous low bid by F. J. Kernan, Portland, and the Brookfield Co., Astoria, bidding jointly, was $395,178.

33— WATER WORKS

FUNDS ALLOTTED.

LONG BEACH, Cal.—Federal Public Works Administration has allotted loan and grant of $266,400 to the Board of Water Commissioners, City of Long Beach, for erection of six elevated water storage tanks. The grant will be 30% of the cost of labor and materials and the balance a loan at 4%.

BIDS WANTED

EVERETT, Wash.—Until August 19 10:30 A. M., bids will be received by City Council for constructing a pipe line from Reservoir 2 to Weyerhaeuser Pulp Mill. Project requires (1) 14,523 l.f. of 35-in. and (2) 5195 l.f. of 24-in. steel or cast iron pipe.

Estimated cost $150,000. City Engineer Granville Paine.

PLANS COMPLETED

SANTA CRUZ, Cal. — Plans and specifications for water system improvements, including replacement and extension of mains have been prepared by City Engineer Roy Fowler to be submitted as a PWA project. Estimated cost $30,000.

BIDS OPENED

YELLOWSTONE NATIONAL PARK Wyoming—Knowlton & Rupert, Layton, Utah, submitted low bids to National Park Service, 409 Underwood Bldg., San Francisco, on each of four alternative proposals for construction of a complete water supply and distribution system at the Old Faithful area in Yellowstone National Park.

Complete bids follow:

(A) Knowlton and Rupert, Layton, Utah, (I) $36,014.40; (II) $34,660.40; (III) $35,108.40; (IV) $33,427.20.

(B) E. W. McLaughlin Construction Co., Livinston, Mont. (I) $38,675.85; (I) $40,745.35; (III) $35,962.55; (IV) $39,269.55.

(C) Bossplug & Manning, Miles City Mont. (I) $41,874.08; (II) $46,725.74; (III) $36,589.57; (IV) $42,301.97.

(D) Olson Mfg. Co., Boise, Idaho (I) $74,745.66.

The work involves:

(1) 6000 lin. ft. 12-in. pipe, soilproofed steel, or special cement pipe (Alt.);
(2) 4500 lin. ft. 10-in. pipe, do;
(3) 750 lin. ft. 8-in. pipe, do;
(4) 600 lin. ft. 6-in. pipe, cast iron;
(5) 850 lin. ft. 4-in. pipe, cast iron;
(6) 75 lin. ft. 3-in. pipe galvanized steel;
(7) 900 lin .ft. 2-in. pipe, galvanized steel;
(8) 80 cu. yds. reinforcing concrete;
(9) 25 cu. yds. rubble masonry;
(10) 10,000 lbs. reinforcing steel.

Alternative proposals are for furnishing either steel or special cement pipe of two sizes.

Bids were referred to Frank A. Kittredge, Chief Engineer.

34 — PARKS AND PLAY-

CONTRACT AWARDED

SAN FRANCISCO—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., at $1187.35 awarded contract by Recreation Commission for construction of certain 18 feet high and six feet high chain link fencing at the James Rolph Playground, Army St. and Potrero Ave. 31

FUNDS ALLOTTED

FRESNO COUNTY, Cal.—Application of Fresno County Waterworks District No. 2 for a loan and grant of $29,090 has been approved by the Federal Public Works Administration. Funds will finance rehabilitation of the District's water distribution system. Work will involve approximately 1850 feet of 4-in. to 8-in. cast iron pipe to replace an old wooden pipeline; valves, hydrants, meterboxes, etc.; a well; pump and pumphouse, and repairing and pairing the existing tank tower and pumphouse. Engineer for the project is A. Siegel, 428 Cory Bldg., Fresno.

BIDS WANTED

RENO, Nevada.—Bids are being received by the Custodian, U. S. Post Office, Reno, for lawn sprinkler system at the post office at Reno.

BIDS WANTED

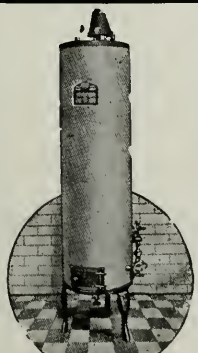
OAKLAND, Cal.—Until August 20, 8:30 P. M., bids will be received by R. W. Robertson, Secretary, Board of Playground Directors, Room 315, City Hall, Oakland, for furnishing labor and materials for tennis courts and fencing at the Brookdale Plaza, Oakland.

Specifications may be obtained from above office.

BIDS WANTED

SAN FRANCISCO.—Until Aug. 21, 1:45 P. M., informal bids will be received by Department of Public Wks, Rm. 251, City Hall for repairing chain link fence at the Grant School, Pacific Ave. and Broderick St.

Further details may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET - 1451 32nd STREET
SAN FRANCISCO OAKLAND
Phone DOuglas 0377 Phone LAkeside 1266

Section 435½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

National Construction Week At Fair Sept. 15-20

Sept. 16 Deadline for PWA Applications

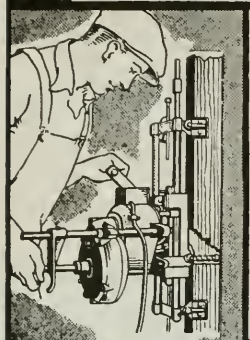
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

UST 24, 1935

Vol. XVIII—No. 34

WAPPAT Electric TOOLS



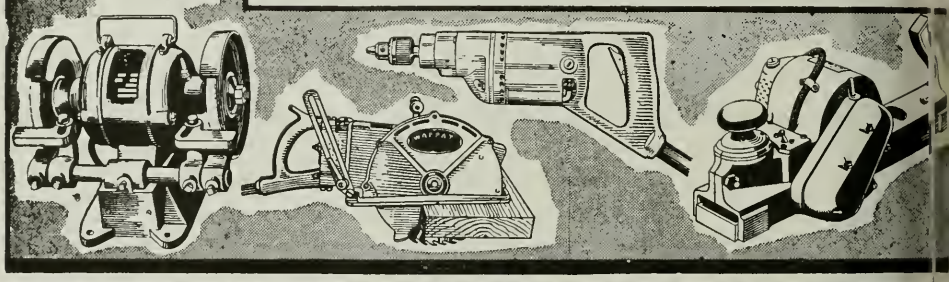
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

VI. XVIII SAN FRANCISCO, CALIF., AUGUST 24, 1935 No. 34

A G. C. Sponsors National Construction Week at Exposition September 15-20

National Construction Week, sponsored by the four California pters of the Associated General Contractors of America, will be ebrated at the California Pacific International Exposition in San go the week of September 15, it has been announced.

During the week everyone connected with the construction indus- is invited to join in celebration of the industry's achievements.

branches of construction are ured at the fair by elaborate striking displays—engineering k by exhibits depicting the har- sing of the Colorado River, hway construction by displays oad construction from the days he pioneers down to the pres- and the building industry by exposition buildings and the el home exhibited by the Fed l Housing Administration.

he fall meeting of the A.G.C. ional governing board will be l in San Diego during National struction week, according to executive committee, and plans the celebration are being de- oped around the schedule of the erning board.

onday and Tuesday, Septem- 16 and 17, will be devoted to tings for the entire construc- industry. On these days ex- tives of the federal and state struction departments award- engineering, highway and build- work will outline their pro- ms and policies.

peakers during these two days include Governor Merriam, Di- tor of Public Works Earl Lee by; State Architect Geo. B. Me- gall; State Highway Engineer l. Purcell; State Engineer Edw. tt of the Division of Water Re- rces; Acting State Director A. Wilder of the Federal Public rks Administration; Stewart Donald of the Federal Housing ministration; W. P. Whitsett, irman of the board of directors, tropolitan Water District; As- tant Procurement Director W. Reynolds of the Treasury De- tment; Director W. Frank Par- s of the U. S. Employment Serv- State Registrar of Contractors n. G. Bonelli; representatives of U. S. Bureau of Public Roads the Reclamation Bureau; and cials of the Associated General ntractors.

Meetings Wednesday and Thursday, September 18 and 19, will be devoted to discussion of the problems of engineering, highway and building contractors and reports covering activities of the national association.

Objectives of the meetings, as expressed by the executive committee, will be to learn from awarding authorities the character and amount of new business to be expected, to give contractors opportunity to discuss with these authorities their objections to day labor, to give wide publicity to accomplishments of the construction industry and to determine possible actions to stimulate business.

Official convention headquarters will be the U. S. Grant Hotel in San Diego, and special rates have been arranged for the occasion. Summer excursion rates will be effective on the railroads, with the time for starting the return trip open until October 31, the committee points out.

Proximity of such great projects as Boulder Dam, the Colorado River Aqueduct and the All-American Canal make the San Diego exposition an ideal location for the celebration.

Members of the executive committee are Presidents A. B. Ordway of the Northern California Chapter, Geo. Greenwood of Central California Chapter, H. M. Walker of Southern California Chapter and V. R. Dennis of the San Diego Chapter.

Executive offices for National Construction Week are located in the Spreckles Theatre Building in San Diego.

Shipments of motor fire apparatus during the first half of 1935 numbered 229, as compared with 163 during the same period last year, according to the Bureau of the Census.

SET DEADLINE FOR PWA FUND APPLICATIONS

Must Be Filed in State Office By Sept. 16, Wilder Notified

All applications for Federal Public Works Administration funds under the new program must be on file in the state PWA office not later than September 16 to receive consideration, Acting State Director A. D. Wilder was notified yesterday. Assistant Administrator Horatio B. Hackett wired from Washington:

"A resolution was passed at Allotment Board meeting August 20 setting September 16 as deadline for receiving in state offices applications of projects out of new funds."

The local office is busy contacting communities and urging that they file their applications immediately. To date applications for $95,241,519 PWA funds to aid in financing a total of 165 separate projects have been filed with the state office. A number of applications already have received approval of the local office and have been forwarded to Washington for action by Administrator Ickes and the Works Allotment Board.

Northern California applicants have requested federal aid for school construction, hospitals, public buildings, harbor work, irrigation project improvements, waterworks improvements and other projects.

Action of the Allotment Board in setting the September 16 deadline is interpreted as a move to hasten completion of preliminary work on the program in order that actual construction may be started as soon as possible.

IN LARGER QUARTERS

Western Washer and Manufacturing Co., Los Angeles, has moved into larger quarters located at 2111 E. 51st St., where new machinery is being installed and production facilities are being enlarged. The company is agent for Wrought Washer Manufacturing Co., of Milwaukee.

PLAN REDWOOD CATWALKS ON GATE BRIDGE

Catwalk Construction Scheduled To Start This Week, Strauss Reports

More than 300,000 feet of selected redwood lumber will be used in construction of the Golden Gate Bridge catwalks, according to the weekly progress report of Engineer Joseph B. Strauss.

Decision to use redwood for the walks was made by the bridge engineering staff and John A. Roebings Sons Co., cable contractors, after a survey of available materials. The first barge load of catwalk sections was towed to Lime Point from the Roeblings plant at California City late last week and is in readiness for erection.

Use of redwood in the construction of the bridge wherever possible has long been urged by the Redwood Empire Association, the California Redwood Association north bay groups in the redwood timber area and the Roeblings' catwalk job represents the first large order of this material for the span.

With all 25 foot bridge cables swung in place in the record time of two weeks, actual erection of the catwalks was scheduled to get under way this week. The original schedule called for the completion of the swinging of the foot bridge cables on September 1. This saving of two weeks will mean that cable spinning operations will commence early in October, a little over a month being required to erect the catwalks.

The first operation will be the adjustment of the foot bridge cables to even them up in their final position. Next the foot bridge of catwalk "trains" will slide out on the wires in lengths ranging from 103 feet to 150 feet, after the construction of the crosswalks that will connect the two foot bridges.

Meanwhile the McClintic - Marshall Corporation, contractors for the steel superstructure of the bridge, have completed all field work and moved off the job, confining their activities to shop work on the various units of the suspended structure in their eastern plants.

At the close of last week's work Pylon S-1 back of Fort Scott was in readiness for the final lift of concrete, which will bring it to its full height, and work on the low viaduct had progressed to the point where 1500 feet of this structure in the Presidio had been completed.

On the Marin side work continues on the concreting of the footings for the tower pedistals of the steel viaduct, while excavations are underway for the final two footings of this structure.

During the past week a total of 310 men were employed on the bridge proper, with 135 of these engaged in work pertaining to the cable contract.

ROSS CHIEF OF POWER DIVISION

J. D. Ross, superintendent of the municipal light department of Seattle, has been appointed chief consulting engineer for the new Power Division of the Federal Emergency Public Works Administration, it is announced by Administrator Harold L. Ickes.

"We feel that we are exceptionally fortunate in having obtained the services of Mr. Ross whose abilities in the power field are known and respected by both the public and private power interests," Administrator Ickes said. "The Power Division, with Mr. Ross as chief consulting engineer, will be expected proceed rapidly in the examination of applications, and allotment of funds, for power projects submitted by states and their political subdivisions."

Mr. Ross has been Superintendent of Lighting in the City of Seattle since 1911, and has been engaged in the development of the municipal plant in that city since 1902.

State Exchange Convention Set For Sept. 2 and 3

Plans for the annual convention of the California State Builders' Exchange, to be held in Sacramento September 2 and 3, are nearing completion, according to Convention Chairman Allyn L. Burr.

Headquarters for the convention, which is scheduled for Monday and Tuesday of State fair week, will be the Clunie Hotel.

On Monday the first business session will be held at 1:30 P. M. at the Sacramento Builders' Exchange, 720 "I" Street. During the business session ladies will be entertained at the estate of Walter Campbell with a swimming party and afternoon tea. Plans for Monday evening include the directors' dinner at Hotel Senator and a visit to the horse show at the fair.

Breakfast at Hotel Senator is scheduled for Tuesday morning, September 3, at which time the second general session will be held. In the afternoon members will attend the fair.

The annual dinner will be held at the convention tent on the fair grounds Tuesday evening at 6 o'clock. Members have been requested to make reservations for the annual dinner by August 29. Tickets are priced at $1.50.

Chairmen of the convention committees are: Mr. Burr, general; Charles Mapel, entertainment; Cal Huntley, transportation; Bartley Cavanaugh, finance; Watler Campbell, entertainment for ladies; Byron Sims, fair grounds and banquet, and Harry Johnson, horse show and grandstand.

ASK BIDS ON SHASTA, L. A. HIGHWAY JOB

Bids Sept. 11 & 12 on 19-M Armor Coat, L. A. Bridge Reconstruction

SACRAMENTO, Aug. 20.—T contracts were authorized for a vertising today by the State Hi way Commission, bids to be op ed September 11 and 12 in Sac mento and Los Angeles. The pr ects are located as follows.

Shasta and Lassen Counties: plying armor coat on about 1 miles between Fall River Mills a Nubieber. The work will requ approximately 486 tons of aspl tic emulsion and 5,270 tons scre ings in the armor coat, 2,000 t screenings in stockpiles, and tons liquid asphalt shoulder tre ment. Bids open in Sacrame September 11.

Los Angeles Co.: Reconstruct a portion of a timber bridge acr Los Angeles river at Olive str near Compton. The bridge c sists of eight 38-foot truss sp and about 90 feet of trestle. T work will require about 175,000 of Douglas fir timber, 12,000 ft. select all-heart redwood, 19,000 structural metal, and materials surfacing. Bids open in Los geles September 12.

SEEK PWA RULING ON STATUS OF WATCHM

Seeking to determine whet the PWA ruling that ninety cent of employees on works p ects must be taken from rolls the national reemployment vice includes watchmen amo such employees, the Industrial sociation of San Francisco has quested a definite ruling on the uation from Administrator Har L. Ickes.

The association states t watchmen are employed in co dential capacities and contract are unwilling to appoint unknc persons to these positions. Ins ance companies also have qu tioned such appointments, acc ing to the association.

BONNEVILLE CEMENT DELIVERY STARTI

Pacific Portland Cement Co. commenced delivery of the 565. barrels of Portland puzzolan ment to be used in Bonneville d on the Columbia river. Small qu tities are being shipped by from the plant at Redwood City required. Preparations are be made to meet the larger delive which will be required later year when Columbia Construct Company starts pouring conc in the main dam.

Contractors Protest Plan To Increase Convict Labor on State Highway System

Voicing the opposition of the construction industry to contemplated increases in allocation of State highway funds for use of convict labor on State highways, a formal protest has been sent Governor Merriam by Secretary-Manager Floyd O. Booe of Northern California Chapter, Associated General Contractors.

"While it is true that the crowded conditions of the prisons represent a real problem, there is still no reason why employment needed by free men should be taken from them and utilized in caring for inmates of the State prisons," Mr. Booe's protest states. "The relief problem of every community is already so acute that this would seem to be against public policy; and we trust that you can see your way clear to countermand any instructions that may have been given to the Director of Department of Public Works along this line."

Resolutions have been received by the Governor from chambers of commerce and civic groups in Monterey County protesting any further increase in the use of convict labor on the Carmel-San Simeon Highway, where it is reported two steam shovels already have been removed and the convict population increased.

The proposal to use a greater number of convicts on State highway work is said to have come as an aftermath to the recent defeat of the $13,900,000 bond proposal for expanding facilities at State institutions to remove overcrowded conditions.

The following letter directed by Booe to Director of Public Works Earl Lee Kelly sets forth the position of the contractors:

It has come to our attention that your department is being urged to expand the use of prisoners on state highway work and particularly in view of the defeat of the bond issue on August 13th which provided for expansion of prison facilities.

You, of course, realize that any further allocation of highway funds for prison camp operation would be bitterly opposed by the entire Construction Industry, because of the fact that already a diversion of these funds to other than construction purposes has become too extensive. The transfer of in excess of five million dollars to the City, together with the equivalent amount previously allocated under the law adopted in 1933, has cut in half the one cent which was intended to go for additional highway construction, and has proportionately reduced the highway construction budget to that extent.

It seems to us that if there is an absolute necessity of taking care of additional convicts in prison road camps, a change in policy could be adopted which would permit a considerable additional expansion, without setting aside additional funds and thereby crippling the regular highway construction budget. We have in mind, for example, that in these camps the use of heavy equipment could be absolutely discontinued and a proportionate saving made in high wages which are paid to free men for the operation of this equipment. The convict operations could also be restored to the principle originally intended when the camps were first established—that is, of absolute hand labor only—and, undoubtedly, some considerable saving could also be made on the use of explosives and other material items.

We can appreciate the situation which faces the Administration with reference to the crowded condition of the prisons; but, on the other hand, when there are literally thousands of men walking our streets looking for work, it is unfair to these free men to divert funds which should go into useful free employment to the purpose of providing convict employment.

We earnestly request that when this question is taken up by the Highway Commission at your meeting on September 6th, every effort be made to preserve all available funds for regular highway construction purposes and that there be no additional allocation made of these funds for convict camp purposes.

Yours very sincerely,
Floyd O. Booe,
Secretary-Manager.

OPEN REDDING, LODI P. O. BIDS

WASHINGTON, D. C., Aug. 20.—Dinwiddie Construction Co., Crocker Bldg., San Francisco, at $77,000 today submitted the only proposal received by the Treasury Department for construction of the U. S. Post Office at Redding.

Frank J. Reilly, 6350 Fulton street, San Francisco, was low bidder at $49,430 for construction of the Lodi post office. Second and third low bids, respectively, were submitted by Leo Epp, San Francisco, at $50,160, and K. E. Parker Company, San Francisco, at $51,270.

New orders for oil burners totaled 44,714 during the first half of 1935, as compared with 34,936 during the same period last year and 26,377 during the first six months of 1933, according to the Bureau of the Census.

SLATER GIVEN NEW LICENSE BUREAU POST

Bonelli Announces Reorganization of Department Personnel

Separation of the Contractors' License Bureau personnel from that of the State Department of Professional and Vocational Standards is announced by Director Wm. G. Bonelli. Glen V. Slater has been appointed full time Assistant Registrar of Contractors, and Fred Taylor, chief accounting officer for the department, will assume the duties of Assistant Director.

"A reorganization of duties is necessary," stated Director Bonelli, "due to acts of the recent Legislature. A Contractors' License Board is shortly to be appointed by Governor Merriam to supervise the Contractors' License Bureau's activities. In addition, four new divisions of this Department are added to the thirteen now within my group. Added responsibilities render it impossible for me to continue as both Director of the Department and Registrar of Contractors. Likewise it appears wise that Mr. Slater devote his full time to the work of the Contractors' License Bureau. He has been combining the duties of Assistant Director and Assistant Registrar. This change allows the promotion of Mr. Taylor who will combine his accounting duties with those of Assistant Director.

"Mr. Slater, who served under my predecessor, Colonel Carlos W. Huntington, as both Assistant Director and Assistant Registrar nevertheless devoted the bulk of his time to administrative work in the Contractors' License Bureau. His construction experience prior to entering State service, coupled with a detailed knowledge of the Contractors' License Law and the work of the Bureau, which has come to him in his work under this Statute since 1931, leaves no doubt in my mind but that the interests of the contracting fraternity will be best served by this transfer, which will allow Mr. Slater to devote his undivided attention to the enforcement of their law."

EXCHANGE PLANNING OUTING SEPT. 14

The annual picnic of the San Francisco Builders' Exchange will be held Saturday, September 14, at Mitchell Canyon. Plans for the event are nearing completion, according to Emil Hogberg, chairman of the entertainment committee.

Exchange members who are able to donate prizes are requested to notify the committee several days before the picnic in order that they may be listed and assigned.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
827	Sharman	Owner	3000
828	Roman	Brueck	4000
829	Richfield	Early	1000
830	Richfield	Early	2000
831	Grayson	Owner	4400
832	University	Marshall	6070
833	Besio	Owner	3000
834	McLaughlin	Owner	4000
835	Damato	Barsotti	5500
836	Wurlitzer	Stahl	3600
837	Clayton	Hamilton	2000
838	Lurie	Cahill	225000
839	Christensen	Owner	4000
840	Verleger	Hardy	1500
841	Sutro	Owner	1800
842	Dardy	Gaubert	3906
843	Pacific	Lindgren	3000
844	Doelger	Owner	4000
845	Santa Fe	Owner	1200
846	Doelger	Owner	4000
847	Nelson	Owner	4000
848	Prasso	Miller	3500
849	Blaine	Anza	5000
850	Bacciocco	Johnson	8000
851	Bacciocco	Johnson	8000
852	Jacks	Plagge	3000
853	Halsen	Owner	4000
854	Hallgren	Owner	3500
855	Parkside	Owner	3500
856	Arnott	Owner	4000
857	Arnott	Owner	4000
858	Pacific	Siegrist	1000
859	McCabe	Owner	4000
860	Meakin	Arras	16977
861	Kings	Mullen	1750
862	Holmer	Grahn	5000
863	Huth	Owner	2500
864	Modern	Owner	3750
865	Latham	Callaghan	1325

DWELLING
(827) S PALOU ST. 200 E Phelps. One-story and basement frame dwelling.
Owner—LeRoy & Germaine Sharman, 1400 Revere St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(828) SW THIRTEENTH AVE. AND Irving St. Alter auditorium.
Owner — Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
Architect—J. J. Foley, 770 5th Ave. San Francisco.
Contractor — M. Brueck, 1200 Bayshore Blvd., S. F. $4000

RESTROOM
(829) SW SAN JOSE AVE. and Standish St. One-story steel restroom.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

STATION
(830) SW SAN JOSE AVENUE AND Standish St. One-story steel service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $2000

ALTERATIONS
(831) NO. 875 MARKET ST. Alter store.
Owner—Grayson Shop, Premises.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francsico. $4400

ALTERATIONS
(832) NE POWELL AND CALIFORnia Sts. Alter clubhouse.
Owner—University Club, Premises.
Architect—Hervey P. Clark, 210 Post St., San Francisco.
Contractor—F. S. Marshall, 799 Ashbury St., San Francisco. $6070

DWELLING
(833) SE MILAN TERRACE AND Moneta Way. One-story and basement frame dwelling.
Owner—Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given. $3000

DWELLING
(834) SE DEWEY BLVD. AND PAcheco St. Two-story and basement frame dwelling.
Owner—W. B. McLaughlin, 700 Russ Bldg., San Francisco.
Architect—Not Given. $4000

FLATS
(835) N FRANCISCO ST. 91 E Powell St. Two-story and basement frame flats.
Owner—Onforio Damato, 1499 Quesada St., San Francisco.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $5500

ALTERATIONS
(836) NO. 250 STOCKTON ST. Alter offices.
Owner—Wurlitzer Co., Golden Gate Ave. near Jones St., S. F.
Architect—Not Given.
Contractor—J. J. Stahl, 666 8th Ave., San Francisco. $3600

ALTERATIONS
(837) 2281 CHESTNUT ST.; alter store, office and flats.
Owner—Dr. Clayton and Mintie Stacy care contractor.
Architect—Not Given.
Contractor—Hamilton Company, Ltd., Hearst Bldg. $2,000

OFFICE BLDG.
(838) W MONTGOMERY 137 North California St.; ten-story Class B offices.
Owner—The Lurie Co., 333 Montgomery Street.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome Street. $225,000

DWELLING
(839) W 21st AVE. 75 N Noriega, one - story and basement frame dwelling.
Owner and Builder—Herman Christensen, 1422 27th Ave.
Architect—Not Given. $4,000

ALTERATIONS
(840) 3920 CABRILLO Street; alter dwelling.
Owner—F. K. Verleger, premises.
Architect—Not Given.
Contractor—A. M. Hardy, 736 Clementina Street. $1,500

ALTERATIONS
(841) 1000 POINT LOBOS, Sutro Baths; alter plunge building.
Owner—A. G. Sutro, premises.
Architect—Not Given. $1,800

DWELLING
(842) W 11th AVE 275 S Lake; one-story and basement frame dwelling.
Owner—J. Dardy, 145 11th Ave.
Architect—Not Given.
Contractor—Gaubert Brothers, 4 Brookdale, Oakland. $3

ALTERATIONS
(843) NO. 140 NEW MONTGOME St. Alter cafeteria in office bl
Owner—Pacific Tel. & Tel. Co., New Montgomery St.
Architect—Not Given.
Contractor — Lindgren & Swinert Inc., 225 Bush Street. $3

DWELLING
(844) W THIRTY-FIRST AVE. S Irvine St. One-story and ba ment frame dwelling.
Owner — Henry Doelger Builder I 320 Judah St., San Francisco.
Architect—Not Given. $1

STOREROOM
(845) FOURTH AND MICHIGA Sts. Frame store room and offi
Owner — Santa Fe Land Imp. C Los Angeles.
Architect—Not Given. $1

DWELLING
(846) W THIRTY-FIRST AVE. S Irving St. One-story and ba ment frame dwelling.
Owner — Henry Doelger Builder I 320 Judah St., San Francisco.
Architect—Not Goven. $4

DWELLING
(847) SW FOURTEENTH AVE A Santiago St. One-story and ba ment frame dwelling.
Owner—A. Nelson, 242 Ocean Av San Francisco.
Architect—Not Given. $4

ALTERATIONS
(848) CAINE AND LAKEVIEW ST Alter flats.
Owner — Felix Prasso, 38 Caine S San Francisco.
Architect—Not Given.
Contractor—Phillip Miller & Sons, 2 San Miguel St., S. F. $3

DWELLING
(849) SW MARINA BLVD. 247 N Beach St. One-story and ba ment frame dwelling.
Owner—R. J. and Emma Blaine, Contractor.
Architect—Not Given.
Contractor — Anza Home Bldg. C 1498 36th Ave., S. F. $5

FLATS
(850) NE BEACH AND CERVANT Sts. Two-story and baseme frame flats.
Owner—J. Bacciocco, 620 Montgome St., San Francisco.
Architect—Not Given.
Contractor—Louis Johnson, 729 O cidental St., S. F. $8

FLATS
(851) E CERVANTES 22 N Beach S Two-story and basement fra flats.
Owner—J. Bacciocco, 620 Montgome St., San Francisco.
Architect—Not Given.
Contractor—Louis Johnson, 729 O cidental St., S. F. $8

ALTERATIONS
(852) NO. 650 ULLOA ST. Alt dwelling.
Owner—Judge Lyle T. Jacks, Prem.
Architect—Not Given.
Contractor—Albert A. Plagge, 14 30th Ave., San Francisco. $3

DWELLING
(853) W FOURTEENTH AVE. 130 S Taraval St. One-story and basement frame dwelling.
Owner—A. Halsen.
Architect—D. Jackle, 126 Post Street, San Francisco.
Contractor—Arvid Halsen, 2127 25th Ave., San Francisco. $4000

DWELLING
(854) E TWENTY-NINTH AVE. 50 S Irving St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1591 29th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(855) E TWENTY-SEVENTH AVE. 250 S Rivera St. One-story and basement frame dwelling.
Owner—Parkside Investment Co., 2240 27th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(856) W TWENTY-SIXTH AVE. 86 N Ocean Ave. One-story and basement frame dwelling.
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $4000

DWELLING
(857) W TWENTY-SIXTH AVE. 42 N Ocean Ave. One-story and basement frame dwelling
Owner—James A. Arnott, 633 Taraval St., San Francisco.
Architect—H. G. Stoner, Portola Dr. and West Portal. $4000

ALTERATIONS
(858) NO. 431-445-447 SUTTER ST. Alter office building.
Owner — Pacific Gas & Electric Co., 245 Market St., San Francisco.
Architect—Not Given.
Contractor—F. R. Siegrist, 604 Mission St., San Francisco. $1000

DWELLING
(859) E TWENTY-SIXTH AVE. 74 S Ocean Ave. One-story and basement frame dwelling.
Owner—James W. McCabe, 716 Ulloa St., San Francisco.
Architect—D. E. Jackle, 126 Post St., San Francisco. $4000

ADDITION
(860) S FOURTEENTH ST. 75 W Folsom St. One-story Class C factory addition.
Owner—E. Meakin, % Contractor.
Engineer—Norman L. Green, 55 New Montgomery St., San Francisco.
Contractor — Adam Arras, 4008 18th St., San Francisco. $16,977

ALTERATIONS
(861) NO. 35 TAYLOR ST. Alter restaurant.
Owner — Will King's RKO Grill, 35 Taylor St., San Francisco.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $1750

DWELLING
(862) E TOCOLOMA ST. 101 N Blanken St. Two-story and basement frame dwelling.
Owner—Dr. Val. C. Holmer, 734 Fine St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor — William H. Grahn, 2965 Mission St., San Francisco. $5000

STORE BLDG.
(863) N BROADWAY 68 W Grant Ave. One-story frame store building (5 stores).
Owner—B. Huth, 1300 Pacific Avenue, San Francisco.
Architect—Not Given. $2500

DWELLING
(864) E ALEMANY BLVD. 164 E Ottawa St. One-story and basement frame dwelling.
Owner—Modern Mfg. Co., 625 Hearst Bldg., San Francisco.
Architect—Not Given. $3750

ALTERATIONS
(865) NO. 3418 NINETEENTH ST. Alter flats.
Owner—Ray H. Latham, 920 Capp St., San Francisco.
Architect—Not Given.
Contractor—Jack Callaghan, 300 Clayton St., San Francisco. $1325

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
609	Haulman	Owner	3500
610	Cohen	Roth	3350
611	Conant	Roth	2000
612	Beauchamp	Hambleton	3630
613	Fitzpatrick	Waldman	4550
614	Wires	Prfang	2100
615	Board	Owner	1415
616	Sigwald	Owner	7500
617	Seage	Owner	2500
618	DeLucis	Beckett	1000
619	Netherby	Owner	5000
620	Newton	Watson	3800
621	Oakland	Lynn	12500
622	Culin	Norgrove	8000
623	Cunio	Luonia	3800
624	Boegle	Walker	2500
625	Rosenwasser	Cords	1500
626	City	Swanstrom	53191
627	Holloway	Johnson	2500
628	Shadi	Owner	1575
629	Woodburn	Owner	5000
630	Donald	Hagen	3490
631	Small	Church	1600
632	Alliance	Stolte	17900
633	Atkinson	Windsor	5500
634	Brown	Armstrong	7100

DWELLING
(609) NO. 2936 FERNSIDE BLVD., **ALAMEDA.** One-story five-room frame and rustic dwelling.
Owner — P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. $3500

DWELLING
(610) NO. 2618 LINCOLN AVENUE, **ALAMEDA.** One-story five-room frame and stucco dwelling.
Owner—Donald A. Cohen, Hayward.
Architect—Not Given.
Contractor—Conrad Roth, 2001 Central Ave., Alameda. $3350

ALTERATIONS
(611) NO. 3230 BRIGGS AVENUE, **ALAMEDA.** Raise frame dwelling two feet and general overhauling.
Owner—B. Conant, 3210 Liberty Ave., Alameda.
Architect—Not Given.
Contractor—Conrad Roth, 2001 Central Ave., Alameda. $2000

DWELLING
(612) NO. 1018 GLENDORA AVE., **OAKLAND.** One-story five-room dwelling.
Owner—Audilia M. Beauchamp, 2901 21st Ave., Oakland.
Architect—Not Given.
Contractor — Fred Hambelton, 1005 Chatham Road, Oakland. $3630

DWELLING
(613) NO. 5917 MAURITANIA AVE., **OAKLAND.** One-story six-room dwelling and one-story garage.
Owner—T. Fitzpatrick, 4650 E-14th St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 2171 McKillop Road, Oakland. $4550

ALTERATIONS
(614) NO. 5700 OAK GROVE AVE., **OAKLAND.** Alter apartments.
Owner—Mrs. A. M. Wires, Premises.
Architect—Not Given.
Contractor—C. J. Pfrang, 6300 Claremont Ave., Oakland. $2100

ALTERATIONS
(615) RUSSELL AND ELLSWORTH Sts., **BERKELEY.** Alterations to Le Conte School.
Owner—Board of Education.
Architect—Not Given. $1415

RESIDENCE
(616) NO. 578 BLAIR AVE., **PIEDMONT.** Two-story 8-room frame residence and garage.
Owner—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—Ray Keefer, Wesley and Lakeshore Aves., Oakland. $7500

DWELLING
(617) 10062 BROADWAY TERRACE, **OAKLAND;** 1-story 5-room dwelling.
Owner and Builder—Mrs. C. E. Seage, 4220 Montgomery St., Oakland.
Architect—Not Given. $2500

ALTERATIONS
(618) 4926 TELEGRAPH AVENUE, **OAKLAND;** alterations and addition.
Owner—B. DeLucis, 4926 Telegraph Ave., Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $1000

DWELLING
(619) 518 CRAGMONT AVE., **BERKELEY;** one-story 7-room frame dwelling.
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Berkeley.
Architect—Not Given. $5000

DWELLING
(620) 3465 MORCOM AVE., **OAKLAND;** one-story 5-room dwelling.
Owner—A. V. and Loretta Newton.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Melton Ave., Oakland. $3800

ALTERATIONS
(621) NW COR. Sunnyhills and Herbert Road; alterations.
Owner—Oakland School Department.
Architect—Not Given.
Contractor—Willis J. Lynn, 1037 Ashmont Ave., Oakland. $12,560

DWELLING
(622) NO. 1169 SUNNYHILLS ROAD, **OAKLAND.** Two-story 7-room dwelling.
Owner—Mrs. Hazel Culin.
Architect—Dragon & Schmidt.
Contractor—C. M. Norgrove. $8000

DWELLING
(623) NO. 474 FIFTY-SIXTH ST., **OAKLAND.** One-story six-room dwelling.
Owner—R. J Cunio, 355 50th Street, Oakland.
Architect—Not Given.
Contractor—E. J. Luonia. $3800

DOWELLING
(624 W EUCALYPTUS 125 N Alvarado Place, **OAKLAND.** One-story 4-room dwelling.
Owner, M. Y. Boegle.
Architect—Not Given.
Contractor—J. M. Walker. $2500

STATION
(625) NO. 4335 E-TWELFTH ST., **OAKLAND.** One-story steel service station.

Owner — Bertha Rosenwasser, 1727 Franklin St., Oakland.
Architect—Not Given.
Contractor—Alfred Cords. $1500

RECONSTRUCTION
(626) EIGHTY-FIRST AVE AND Olive St., **OAKLAND.** Reconstruction.
Owner—City of Oakland, Daniel Webster School.
Architect—Not Given.
Contractor—Geo. Swanstrom. $53,191

DWELLING
(627) NO. 2643 SEVENTY-NINTH Ave., **OAKLAND.** One-story 7-room dwelling.
Owner—A. F. Holloway, 7621 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—K. A. Johnson. $2500

STATION
(628) NE SAN PABLO AVE. AND Harrison St., **BERKELEY.** Filling station.
Owner—S. S. Shadi, 1731 Allston Way, Berkeley.
Architect—Not Given. $1575

DWELLING
(629) NO. 538 E-TWENTIETH ST., **OAKLAND.** Six-room dwelling.
Owner—Paul and R. Woodburn.
Architect—Not Given. $5000

DWELLING
(630) NO. 3821 HIGH STREET, **OAKLAND.** One-story six-room dwelling.
Owner—Wm. Donald.
Architect—Not Given.
Contractor—Hagen & Herndon. $3490

ADDITION
(631) NO. 2801 RAWSON AVENUE, **OAKLAND.** One-story frame addition.
Owner—B. J. Small.
Architect—Not Given.
Contractor—A. A. Church. $1600

ADDITION
(632) NO. 4368 LINCOLN AVENUE, **OAKLAND.** One-story eight-room addition.
Owner—Junior Alliance.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—F. C. Stolte Co., 3140 Laguna Ave., Oakland. $17,900

DWELLING
(633) NO. 1601 MOUNTAIN BLVD., **OAKLAND.** One-story dwelling.
Owner—Helen D. Atkinson.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland. $5500

DWELLING
(634) NO. 6046 OCEAN VIEW DR., **OAKLAND.** One and one-half-story 6-room dwelling.
Owner—Julia E. Brown.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Architect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $7100

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
113	University	Marshall	6076
114	Makelim	Zinkand	10200
115	Blaine	Anza	7500
116	Stuart	Farris	115
117	R C Archbishop	Brueck	5135
118	Meakin	Arras	17393

ALTERATIONS
(113) POWELL AND CALIFORNIA Sts. All work for new barroom and pool room in clubhouse.
Owner—University Club, Premises.
Architect—Hervey P. Clark, 210 Post St., San Francisco.
Contractor—F. S. Marshall, 799 Ashbury St., San Francisco.
Filed Aug. 15, '35. Dated Aug. 14, '35.
On 10th day of each month.... 75%
Usual 35 days.... .... Balance
TOTAL COST, $6076
Bond, none. Limit, Nov. 19, 1935. Forfeit, none. Plans and specifications filed.

DWELLING
(114) PTN. BLK 13, as snown on Map of Subdivision No. 2 of Clarendon Heights, filed Feb. 18, 1891 in Map Book 1, Page 186, in office of Recorder of City and County of San Francisco. All work for two-story and basement frame dwelling.
Owner—H. G. and Lenore A. Makelim 1583 Howard St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Ed. Zinkand & Son, 667 36th Ave., San Francisco.
Filed Aug. 15, '35. Dated Aug. 2, '35.
Frame up and roof boards on....$2550
Brown coat plaster on..... 2550
Completed and accepted..... 2550
Usual 35 days..... 2550
TOTAL COST, $10,200
Bond, $5100. Sureties, Albin Warden and Matthew J. White. Limit, 90 working days. Forfeit, $5 per day. Plans and specifications filed.

DWELLING
(115) SW MARINA BLVD. 247 NW Beach St.; one-story and basement frame and stucco dwelling.
Owner—R. J. and Emma M. Blaine. 1580 Beach Street
Architect—Not Given.
Contractor — Anza Home Bldg., Co., 36th Ave. and Kirkham St.
Filed Aug. 17, '35. Dated Aug. 14, '35
When frame up and ready for roof 25%
When exerior is brown coated..25%
When completed 25%
Usual 35 days 25%
TOTAL COST, $7,500
Limit, 120 working days. Plans and Spec. filed.

PAINTING
(116) 172 CURTIS ST.; painting exterior of dwelling.
Owner—W. E. and Carrie B Stuart. 172 Curtis.
Architect—Not Given.
Contractor—C. S. Farris, 1400 Eighth Avenue.
Filed Aug. 17, '35. Dated, May 1, '35
HOLC Contract.
TOTAL COST, $115.00
Bond, $115. Sureties, U. S. Fidelity & Guaranty Co. Limit, 10 days

BUILDING
(117) SW FUNSTON AVE. AND Irving St. Wrecking, carpenter and mill work, lathing, plastering, roofing, tinning, plumbing, etc., for frame building.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John J. Foley, 770 Fifth Ave., San Francisco.
Contractor—Michael Brueck, 1200 Bayshore Blvd., San Francisco.
Filed Aug. 19, '35. Dated Aug. 8, '35
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5135
Bond, $5135. Surety, Massachusetts Bonding & Insurance Co., Boston, Mass. Limit, 65 working days. Forfeit, none. Plans and specifications none.

FACTORY
(118) S FOURTEENTH ST. 75 Folsom W 100xS 110. All wo for one-story Class C reinforc concrete and steel factory bulldi
Owner—E. Meakin, % Contractor.
Engineer—Norman B. Green, 55 N Montgomery St., San Francisco
Contractor—Adam Arras, 4008 18 St., San Francisco.
Filed Aug. 21, '35. Dated Aug. 20, '
On 10th of each month..... 75
Usual 35 days..... 2
TOTAL COST, $17,3
Bond, $8750. Sureties, Emil Hogbe and John Cassaretto. Limit, 90 wor ing days. Forfeit, none. Plans a specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Am
59	Union	Early	58
60	Beauchamp	Hamhleton	36
61	Culin	Norgrove	81
62	De Fremery	Owens	2

STATION
(59) THIRTY-EIGHTH ST. AN Telegraph Ave., Oakland. A work for service station.
Owner—Union Oil Co., 516 18th S Oakland.
Architect—Not Given.
Contractor—Fred J. Early, 339 Pi St., San Francisco.
Filed Aug. 15, '35. Dated Aug. 8, '3
5 days after completion..... 75
Usual 35 days..... 25
TOTAL COST, $58
Bond, none. Limit, 35 days. Forfe none. Plans and specifications file

RESIDENCE
(60) LOT 16 BLK 8, Fourth Aven Heights, Oakland; residence.
Owner—Aurelia M. Beauchamp, 29 21st Ave., Oakland.
Architect—Not Given.
Contractor — Fred Hambleton, 1 0 Chatham Road, Oakland.
Filde, Aug. 17, '35. Dated, Aug. 15, '
Rough frame up..... $907.
First coat of plaster..... 907.
Completion ..... 907.
30 days after completion..... 907.
TOTAL COST, $3,6
Limit, 70 days.

RESIDENCE
(61) S COR. SUNNYHILLS ROAD Hillwood Place, Oakland. A work for two-story frome ar stucco residence.
Owner—Mrs Hazel Culin, 850 Trest Glen, Oakland.
Architect — P. L. Dragon and C. I Schmidts, 2068 Allston Way. Be keley.
Contractor—C. M. Norgrove, 22 Roosevelt St., Berkeley.
Filed Aug. 19, '35. Dated Aug. 15, '3
Foundation in frame up and 2nd story line .....$1527.
Entire frame roof on ready for lathing ..... 1527.
When installation of wood finish starts ..... 1527.
Completed and accepted..... 1527.
Usual 35 days..... 2036.
TOTAL COST, $8147.
Bond, none. Limit, 75 days. Forfe $10 per day. Plans and specificatior filed.

REPAIRS
(62) NO. 2847 PRINCE ST, Berkele All work for termite repairs.
Owner—Adelph & Janet De Fremer Premises.
Architect—Not Given.
Contractor—Owens & Whittaker.
Filed Aug. 21, '35. Dated ——.
HOLC Contract .....
TOTAL COST, $2
Bond, $239. Surety, Columbia Casu alty Co. Limit, forfeit, none. Speci fications only filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bands
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 1100 Franklin Street.
Owner—Capital Co., 605 Market St., San Francisco.
Plans by Architectural Dept. of Owner
Contractor — Langfelder & Schuster, 815 25th Ave., San Francisco.
Heating & Plumbing—A. Ramanzotti, 1473 Vallejo St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2500
OAKLAND, Alameda Co., Cal. No. 5700 Oak Grove Avenue.
Alterations to apartments.
Owner—Mrs. A. M. Wire, Premises.
Architect—Not Given.
Contractor—C. J. Pfrang, 6300 Claremont Ave., Oakland.

Preparing Plans—Contract Awarded.
APARTMENTS Cost, $17,000
SAN MATEO, San Mateo Co., Calif. Darmount Road.
Two-story frame and stucco apartments (tile roof, gas heating system, hardwood floors, tile baths, etc.)
Owner—A. R. Spencer.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—E. C. Gilbert, 5166 Romaine Ave., Los Angeles.

3— CHURCHES

CONSTRUCTION TO START SHORTLY
SANTA BARBARA, Cal. — Calvary Baptist Church; P. M. McTavish, moderator, Santa Barbara, will start work at once on the erection of a new English Type edifice at the corner of Islay and Chino Sts., Santa Barbara. Cost $7500. John Frederick Murphy, Architect.

4— FACTORIES & WAREHOUSES

PLANNED
LOS ANGELES, Cal.—General Tire & Rubber Co., Akron, Ohio, contemplates erecting a branch plant in Los Angeles, according to a statement made this week by Wm. O'Neil, president of the company.

PLANS BEING FIGURED — BIDS CLOSE AUGUST 28
VENTURA COUNTY, Cal.—Architect Roy C. Wilson, Say Road, Santa Paula, is taking bids for the construction of a storage and washroom addition to the Saticoy Lemon Association's packing plant, one and one-half miles east of Montalvo, Ventura County. The addition will have a concrete basement, wood frame and tile superstructure, wood trusses, composition roofing, maple floors, steel sash, etc. Cost $40,000. Following will submit bids: Rainey & MacIsaac, 6624 Stanford Ave., Los Angeles; Wm. T. Loesch & Son, 119 E. Union Avenue, Pasadena; Wm. P. Neil Co., 4761 E. 49th St., Los Angeles; Meyers Bros., 3407 San Fernando Road, Los Angeles; M. W. Lippman, 4344 S. Arlington Ave., Los Angeles; Grant & Bruner, 607 Ferguson Bldg., Los Angeles; W. L. Snook, 210 La Arcade Building, Santa Barbara; John MacLeod, 1539 San Nicholas, Ventura; Johnson, Hansen & Izer, 2115 Locust Ave., Long Beach; C. T. and W. P. Stover, 116 Alexander Ave., Claremont.

Plans Being Prepared.
SHEDS Cost, $——
SANTA ROSA, Sonoma Co., Calif.
Three 1-story wood frame sheds (70x20- 75x12-, 120x30-ft.) galvanized iron roof.
Owner—Grace Bros., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Prepared.
DAIRY Cost, $20,000 including equipment
SAN RAFAEL, Marin Co., Cal. Mary St. near Fourth.
One-story reinforced concrete dairy and bottling plant (50x100 ft.)
Owner—Roberts Dairy, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Bids will probably be asked in 30 days.

Contract Awarded.
WAREHOUSE Cost, $300,000
LOS ANGELES. 1200 S. Evergreen Street.
One - story reinforced concrete and steel warehouse (940x182 ft.) saw tooth roofing, steel and metal clad doors, steel rolling doors, steel sash, vault door, sprinkler system, asphalt paving, metal skylights, ventilating system, etc.
Owner—A. Zellerbach Paper Co., 220 S. Los Angeles St., Los Angeles.
Engineer—Leland S. Rosener, 233 Sansome Street, San Francisco, and Ralph Beebee, 1976 San Pablo Avenue, Berkeley.
Contractor—Austin Co. of California, 777 E. Washington St., Los Angeles.
Power and Light Wiring — Newbery Electric Co., 315 W 9th St., Los Angeles.
Heating and Ventilating—Scott Co., 243 Minna St., San Francisco.
Sprinkler System—Viking Automatic Sprinkler Co., 2715 E 12th Street, Los Angeles.

Sub-Contracts Awarded.
SHOP Cost, $6 300
SAN JOSE, Santa Clara Co., Calif. South First St. near Almaden.
One-story reinforced concrete printing shop (built-up 15-year guarantee roof; concrete floors, steel sash, etc.)
Owner—B. Fillice, 1435 South First St. San Jose.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—Jos Santi, 545 Madera St. San Jose.
Roofing—Star Roofing Co., San Jose.
Plumbing—W. F. Serpa, San Jose.
Reinforcing Steel—San Jose Steel Co., San Jose.
Sheet Metal—W. F. Serpa, San Jose
Lathing and Plastering—G. Chiri, Mt View.

Contract Awarded
ADDITIONS Cost, $30,000
MADRONE, Santa Clara Co., Calif
Additions to winery (reinforced concrete fermenting bldg., 20 vats, 10x10x7 ft., etc.)
Owner—B. Cribari & Son, Madrone.
Architect—No. Given.
Contractor—John Smith, Madrone
Concrete—Geo. Raggio, Madrone

Plans Being Prepared.
ADDITION Cost, $——
SAN FRANCISCO. Townsend Street bet. 7th and 8th.
Alterations and additions to plant
Owner—McGilvray - Raymond Corp 3 Potrero Avenue.
Plans by Engineering Dept. of Owner.
Lessee — Ducommun Corp. (E. H Breidenbach, Mgr.)

Preparing Plans.
BOTTLING PLANT Cost, $——
SACRAMENTO, Sacramento Co., Cal.
One-story brick bottling plant.
Owner—Coco Cola Company.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about thirty days.

Sub-Bids Wanted.
LAUNDRY Cost, $7000
SAN FRANCISCO. S Greenwich St. 131 W Fillmore Street.
Two-story frame laundry and flats.
Owner — Gabrielle Fanfelle, 3301 Fillmore St., San Francisco.
Architect—Not Given.
Contractor—Gaubet Bros., 4735 Brookdale Ave., Oakland.
Sub-bids are wanted on all portions of the work.

SUB-CONTRACTS AWARDED.
SAN FRANCISCO. — Meyer Const. Co., 735 Portola Drive, awarded following sub-contracts for the construction of the one-story frame warehouse at the Presidio, San Francisco:
Roofing—Alta Roofing Co., 976 Indiana Street.
Mill Work—Hayman Building Supply Co., 735 Portola Drive.
Concrete — Golden Gate Atlas Materials Co., 16th and Harrison Sts.

Electrical Contract Awarded.
WAREHOUSE Cost, $——
SAN FRANCISCO. 656-668 Townsend.
One-story Class C warehouse (100x165 feet) stucco over brick front, flat roof, terra cotta partitions, concrete floors, etc.
Owner—McGilvray Company.
Engineer—Jas. M. Smith, 251 Kearny Street.
Lessee—Ducommun Corporation.
Contractor—Fred DuPuy, 110 Sutter Street.
Electrical—Superior Electric Co., 3119 Clay Street.

Contract Awarded
FREIGHT DEPOT Cost, $40,0[illegible]
OAKLAND, Alameda Co., Cal. 40th St. and San Pablo Ave.
Steel and reinforced concrete freight depot (450 feet in length).
Owner—Santa Fe Railway Company, Kerchkoff Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Wm. P. Neill Co., 5001 W San Fernando, Los Angeles.

Plans Being Completed.
FACTORY Cost, $50,000
NAPA, Napa Co., Cal. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co., (Nathan Rothman, Prop.), 175 12th St., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Mgr. of Constr. — W. W. Hanscom, 848 Clayton St., San Francisco.
Plans will be completed in about 3 weeks.

Contract Awarded
FACTORY Cost, $17,393
SAN FRANCISCO, S 14th St. 75 W Folsom (100x110-ft.)
One - story reinforced concrete and steel factory (Class C construction).
Owner—E. Meakin.
Engineer—Norman B. Green, 55 New Montgomery Street.
Contractor—Adam Arras, 4008 18th Street.

5— FLATS

Contract Awarded
FLATS Cost, $6,500
SAN FRANCISCO, N Francisco 91 E Powell Street.
Two - story and basement frame and stucco flats.
Owner—Onforio D'Amato.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada.

Contract Awarded
FLATS Cost, $10,000 each
SAN FRANCISCO, Beach and Cervantes Streets.
Two 2-story and basement frame and stucco flats.
Owner—J. Bacciocco, 620 Montgomery Street.
Architect—Not Given.
Contractor—Louis Johnson, 729 Occidental Avenue.

Contract Awarded.
ALTERATIONS Cost, $4000
SAN FRANCISCO, Caine and Lakeview Streets.
Alterations to flats.
Owner—Felix Prasso, 38 Caine St., San Francisco.
Architect—Not Given.
Contractor—Phillip Miller & Sons, 384 San Miguel St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
FLATS Cost, $7000
SAN FRANCISCO, SW Pierce and Filbert Streets.
Two-story and basement frame and stucco flats.
Owner—Arthur De Luca, 2256 Jones St., San Francisco.
Architect—Not Given.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.

Contract Awarded
SERVICE STATION AND REST ROOM Cost, $4,000
SAN FRANCISCO, SW San Jose and Standish.
One - story steel service station and restroom.
Owner—Richfield Oil Co., 248 Battery Street.
Plans by Engineering Dept. of Owner.
Contractor—Fred. J. Early, Jr., 369 Pine Street.

Contract Awarded.
SERVICE STATION Cost, $4000
OAKLAND, Alameda Co., Cal No 4100 Foothill Blvd.
One-story steel service station.
Owner—Seaside Oil Co., 2121 Third St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Michel & Pfeffer Iron Works, 1415 Harrison St., San Francisco.

August 19, 1935

Plans Completed.
ALTERATIONS Cost, $2000
SAN FRANCISCO, SE Ocean Ave. and Junipero Serra Blvd.
Alterations to service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.

Contracts Awarded.
SERVICE STATION Cost, $7,000
SAN FRANCISCO, NE Sloat Blvd. and Great Highway.
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Concrete—Grant & Martinelli, 44 Mary Street.
Steel Building—Michel & Pfeffer Iron Works, Harrison and 10th Streets.

Steel Sash Contract Awarded.
SERVICE STATION Cost, $5,000
SAN FRANCISCO, NW Pine Street and Van Ness Avenue.
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.
Contractor—J. H. Johnson, Hearst Building.
Steel Sash—H. T. Gettins, 268 13th St.
As previously reported, steel awarded to Independent Iron Works, 821 Pine St., Oakland.

Steel Building Contract Awarded.
SERVICE STATION Cost, $6,000
PALO ALTO, Santa Clara Co., Calif. 181 Lytton Avenue.
Service station.
Owner—Richfield Oil Co., 248 Battery Street, San Francisco.
Plans by Engineering Dept. of Owner
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.
Steel Building—H. T. Gettins, 268 13th St., San Francisco.

Contracts Awarded.
SERVICE STATION Cost, $5,000
SAN FRANCISCO, NW 24th Avenue and Geary Street
Class A service station.
Owner—Standard Oil Co., 225 Bush St.
Plans by Engineering Dept. of Owner.
Concrete and Miscellaneous Work—Grant & Martinelli, 44 Mary St.
Steel Building—Michel & Pfeffer Iron Works, Harrison and 10th Sts.

Plans Being Figured—Bids Close August 27.
SERVICE STATION Cost, $5,000
SAN FRANCISCO, Ellington, Mission and Farragut Streets.
Class C service station.
Owner—General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

Excavation Contract Awarded.
SERVICE STATION Cost, $5,000
OAKLAND, Alameda Co., Calif. NW 38th St. and Telegraph Ave
One-story steel service station
Owner—Union Oil Co., 220 Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early Jr., 366 40th Street, Oakland.
Excavation—J. Catucci, 1212 18th Avenue, Oakland.

Contract Awarded
SERVICE STATION Cost, $10,000
MODESTO, Stanislaus Co., Cal. Ninth and I Streets.
Steel service station.
Owner—General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Lagun Ave., Oakland.

Contract Awarded
AUTO SALES BLDG. Cost, $6,0
CENTERVILLE, Alameda Co., Calif
One-story auto sales building and g. rage (wood frame construction)
Owner—Frank McGruga.
Architect—Miller and Warnecke, F nancial Center Bldg., Oakland.
Contractor—M. White, Centerville.

7— FEDERAL BUILDINGS

Low Bidder.
POST OFFICE Cost, $55,0
LODI, San Joaquin Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D.
Low Bidder—F. J. Reilly, 6350 Fu ton St., San Francisco.
Three low bids follow:
F. J. Reilly, San Francisco $49,4
Leo Epp, San Francisco. 50,1
K. E. Parker Co. San Francisco 51,2
Complete bids will be given short

New Bids Wanted—To Close Sept. 1 P. M.
POST OFFICE Cost, $49,0
BAKER, Oregon.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D.
Plans and specifications may obtained from above office On pr vious bid opening lowest bid was su mitted by Wm. MacDonald Const. C St. Louis, at $43,800

Sketches Completed.
POST OFFICE Cost, $135,0
WATSONVILLE, Santa Cruz Co. C
One-story and basement Class C r inforced conc. post office (Spani style).
Owner—United States Government.
Architect—A. W. Story, Pajaro Vali Bank Bldg., Watsonville.
Cabinet sketches have been referr to Washington for approval

New Bids Wanted — To Close Sep 27, 1:00 P. M.
POST OFFICE Cost, $—
NEWBERG, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect. Trea ury Dept., Washington, D. C.
Plans and specifications may be o tained from above office. On previo bid opening lowest bid was submitt by Hoffman Constr. Co., 715 Colum St., Portland, at $36,870.

Bids Opening Date Postponed Un Sept. 4, 1:00 P. M.
POST OFFICE Cost, $85,8
VENTURA, Ventura Co., Cal.
Two-story Post Office building, 12 93 ft.) concrett walls, exposed co crete exterior, tile roof, vaul concrete piles, marble and t work, ornamental iron, skyligh one pipe low pressure steam hea ing system, etc.
Owner—United States Government.
Plans by Supervising Architect, Trea ury Dept., Washington, D. C.
Date was previously set for Aug.

Bids Wanted—To Close September 1 P. M.
INSPECTION STATION Cost, $66,
NACO, Arizona.
Two - story and basement inspecti station (67x48 ft.) concrete fou dations and basement, hollow t walls, stucco exterior, composit roof, cement wood and linole covered floors, promenade macadam paving, metal show partitions, steam heat, etc.

wner—United States Government.
lans by Supervising Architect of the Treasury Dept., Washington, D.C. Plans and specifications may be obtained from above office.

ONTRACT AWARDED

GLENDALE, Cal.—D. Zelinsky & ons, 1438 E. 18th St., Los Angeles, ave been awarded a contract by the reasury Department, at $2074, for ainting plaster in the U. S. Post ffice in Glendale.

WARDS APPROVED

PHOENIX, Arizona.—Treasury Department has approved the following uilding material and equipment wards for the construction of the nited States Post Office at Phoenix, Ariz. Great Lakes Const. Co., 3 N. Michigan Ave., Chicago, general contractors:
Electric water coolers and drinking ountains, Halsey-Taylor Co.; boilers, acific Steel Boiler Co.; air washer umps and sump pump, Economy umping Machinery Co.; mechanical aps, Milwaukee Valve Co.; fan and r washers, B. F. Sturtevant Co.; angers for electrical, Crawford Co.; otors for sump pump, Harnishfeger o.; sockets, Arrow Hart & Hegeman; angers and supports for plumbing nd heating, Grinnell Company.

IDS WANTED

NACO, Arizona. — Until September , bids will be received by Treasury epartment, Washington, D. C., for terior lighting fixtures for the U. Immigration Station at Naco

omplete Bids.

OST OFFICE Cost, $150,000
RANTS PASS, Oregon.
nited States Post Office Building.
wner- United States Government.
lans by Supervising Architect of the Treasury Dept., Washington, D.C.
ow Bidder — Consolidated Engineering Corp., Tacoma.
Complete bids follow:
onsolidated Engr. Corp., Tacoma, Wash. $86,993
s. A. Bass Co., Minneapolis .. 89,900
ougan-Hammond Const. Co., Portland 92,700
offman Const. Co., Portland.. 95,900
acDonald Const. Co., Saint Louis 98,661
Bids held under advisement.

IDS WANTED

ROSEBURG, Ore.—Until September , bids will be received by Treasury epartment, Washington, D. C., for terior lighting fixtures for the U. post office at Roseburg.

IDS WANTED

PASCO, Wash.—Until September 4, ids will be received by Treasury Department, Washington, D. C., for inting the plaster, etc., at the U Post Office at Pasco.

UNDS ALLOTTED

SANTA MARIA, Santa Barbara Co. al.—Second deficiency bill, signed by resident Roosevelt August 12, carries an appropriation of $84,000 for he purchase of a site and the conruction of a U. S. post office building at Santa Maria. According to the reasury Department officials, bids or the site will be advertised within few days.

ub-Contracts Awarded.

INT Cont. Price, $935,000
AN FRANCISCO. Duboce Ave., Hermann, Buchanan and Webster Sts.
our - story structural steel frame mint (207.9x185.1 feet) reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C. and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Contractor — Clinton Const. Co., 923 Folsom St., San Francisco.
Structural Steel — Pacific Coast Steel Co., 20th and Illinois Sts.
Excavation—Sibley Grading & Teaming Co., 165 Landers Street.

New Bids Wanted—To Close Sept. 11, 1 P. M.

INSPECTION STA. Cost, $66,000
NACO, Arizona.
U. S. Government inspection station.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from the above office. On previous bid opening lowest bid was submitted by T. H. Johnson and W. M. Martin, Dallas, Texas, at $52,200.

BIDS WANTED

PETALUMA, Sonoma Co., Cal.—Until September 5, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Petaluma. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington; no deposit required.

BIDS WANTED

PRESCOTT, Ariz.—Until September 5, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Prescott, Ariz. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington.

BIDS WANTED

REDLANDS, San Bernardino Co., Cal.—Until September 5, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Redlands. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington; no deposit required.

BIDS WANTED

RENO, Nev.—Until September 5, 10 A. M., (date postponed from Sept. 3) bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Reno. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington.

BIDS WANTED

PORTERVILLE, Tulare Co., Cal.—Until September 5, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Porterville. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washington.

BIDS WANTED

LUALUALEI, T. H.—Until Sept. 11, bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for ground system at the Radio Station, Lualualei, T. H. Specification No. 3044. Estimated cost $7000.

Bids Opened.

POST OFFICE Cost, $79,200
REDDING Shasta Co., Calif. Oregon Street bet. Placer and Yuba Sts.
Owner—United States Government
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Dinwiddie Const. Co., Contractor San Francisco, submitted only bid at $77,000.
Bid held under advisement.

Contract Awarded.

FLATS Cost, $6000 each
SAN FRANCISCO. E Parker Ave. N Geary Street.
Two two-story and basement frame and stucco flats.
Owner—G. B. Garibaldi, 83 Boyce St., San Francisco.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., San Francisco.

BIDS OPENED

SAN FRANCISCO.—Scott Company, 243 Minna St., at $987 submitted low bid to Custodian, U. S. Post Office, San Francisco, for heating pipes in the main post office work room, 7th and Mission Streets.
Complete bids follow:

Scott Company	$ 987.00
M. Deslano	1,050.00
Anderson & Rowe	1,050.00
O'Mara & Stewart	1,075.00
N. Hemminga	1,225.00
Schuster & Hudson, Oakland	1,435.00
Frank J. Kilmm	1,475.00
James H. Pinkerton	1,584.00

All bidders of San Francisco unless otherwise noted.
Bids held under advisement.

FUNDS ALLOTTED

LOS ANGELES, Cal. — Post Office and Treasury Department officials August 13 formally allocated $6,250,000 made available in the second deficiency bill signed by President Roosevelt this week, for the Federal office building to be erected at Temple and Main Sts. Arrangements are being made for temporary quarters for offices and the courts while the existing building is being razed. Demolition is expected to get under way before the end of the year and actual construction of the new structure will probably start early in 1936. Plans prepared in 1933 by Architects John C. Austin and Fredric M. Ashley and Architects John and Donald B. Parkinson, are beng studied with a view to revision. It is reported that part of the $60,000,000 provided in the second deficiency bill will be used for a number of proposed new post office buildings to be built in Southern California. Buildings are scheduled for eighteen cities in Los Angeles county and others in Orange, Santa Barbara, Riverside and Imperial counties.

BIDS WANTED

RENO, Nevada—Until September 3, bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for painting plaster in the U. S. Post Office at Reno.

BIDS WANTED

PHOENIX, Ariz—Until September 10, bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for interior lighting fixtures to be installed in the U. S. Post Office at Phoenix.

ADDITIONAL FUNDS ALLOTTED

SAN DIEGO, Calif.—An additional appropriation of $255,000 is included

in the second deficiency bill, to be expended in acquiring additional land and increasing the size of the proposed U. S. Post Office to be built in San Diego. The total sum available is $665,000. Wm. T. Johnson, San Diego Trust & Savings Bank Bldg., San Diego, is the architect.

Contract Awarded
POST OFFICE Cont. price, $114,200
ALHAMBRA, Los Angeles Co., Calif.
U. S. Post Office Building.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Sarver & Zoss, 1015 West Fourth St., Los Angeles.
Complete bids published Aug. 8.

BIDS WANTED
LONG BEACH, Cal.—Until Sept. 10 bids will be received by Treasury Department, Washington, D. C., for painting the plaster, etc., at the U. S. Post Office at Long Beach

BIDS OPENED
SAN FRANCISCO.—Nick Hemminga, 627 38th Avenue, at $475.00 submitted low bid to Custodian, U. S. Post Office, San Francisco, for directional signs, etc., for the post office, 7th and Mission Streets.
Complete bids follow:

Nick Hemminga	$475.00
Jos. Laib	487.50
Price Bros., Chicago	495.00
Frink Company	580.00
Brumfield Sign Co.	590.00

Bids held under advisement.

FUNDS ALLOTEED
SAN LUIS OBISPO, Cal.—Allotment of $16,185 to Quartermaster Corps of the War Department has been approved by the President for repairing buildings and utilities grading and drainage at National Guard Camp, San Luis Obispo.

FUNDS ALLOTTED
MESA, Arizona.—Treasury Department and Post Office officials have allocated $84,000, provided in the second deficiency bill, for the purchase of a site and the construction of a U. S. Post Office building in Mesa.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $355,600
SAN PEDRO, Los Angeles Co., Cal.
Beacon St. bet. 8th and 9th Sts.
Three - story and basement Class A post office building (250x100 feet) to house post office, customs department, immigration and public health service, shipping commission and hydrographic offices.
Owner—United States Government.
Architects—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, and W. Horace Austin, 632 Chestnut Ave., Long Beach.
Contractor—Sarver & Zoss, 1915 West Fourth St., Los Angeles.
Plumbing and Heating—Howe Bros., 1198 S. San Pedro St., Los Angeles
Structural Steel—Pacific Coast Steel Co., Los Angeles.

AWARDS APPROVED
WINSLOW, Arizona—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Winslow. Robert E. McKee, El Paso, Texas, general contractor:
Plumbing fixtures, Crane Co.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; indirect water heater, Bell and Gossett Co.; water supply pipe, National Tube Co.; pressure-reducing valve on water supply, Foster Engr. Co.; sump pump, Chicago Pump Co.; non - conducting covering for plumbing, Johns-Manville Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, Crane Co.; offset radiator valves, Crane Co.; non-conducting covering for heating, Johns-Manville Co.; air valves for radiators, Hoffman Specialty Co.; angle radiator valves, Crane Co.; air valves for ends of steam mains, Hoffman Specialty Co.; r.c. wire, receptacles and flush switches, General Elec. Co.

AWARDS APPROVED
SEBASTOPOL, Sonoma Co., Cal.—Treasury Department has approved the following equipment and building material awards for the construction of the U. S. post office at Sebastopol. Robert E. McCarthy, 1363 14th Ave., San Francisco, general contractor:
Glassware, Inland Glass W'ks; pendant switches, Pass & Seymour; flush switches, Arrow Hart & Hegeman El. Co.

8— CLUB BUILDINGS

Contract Awarded
ADDITION Cost, $6,076
SAN FRANCISCO. Powell and California Streets.
Construct new barroom and pool room in clubhouse.
Owner—University Club, Powell and California Streets.
Architect—Hervey P. Clark, 210 Post.
Contractor—F. S. Marshall, 799 Ashbury Street.

Additional Sub-Contracts Awarded.
CLUBHOUSE Cost, $35,000
SAN FRANCISCO, E Buchanan St 100 S Geary Street.
Two-story and basement frame and stucco clubhouse (tile and composition roofing, steam heating system, wood and linoleum floors, gymnasium to beve hardwood floors, etc.) provision made to add gymnasium to have hardwood
Owner—Japanese Y. M. C. A.
Architect—Frederick H. Meyer, 525 Market St., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francsico.
Tile—Richmond Tile Co., 1024 Clement Street.
Roofing—Malott & Peterson, 20th and Harrison Sts.
Cement—Henry Cowell Lime & Cement Co., 2 Market St.
Aggregates—Pacific Coast Aggregates Co., 85 Second Street.
Excavation—Sibley Grading & Teaming Co., 165 Landers St.
As previously reported plumbing and heating awarded to Jas. Pinkerton, 927 Howard St.; electric to Decker Electric Co., 538 Bryant St.; lumber to J. H. McCallum, Bryant and Oakgrove Streets.

BOND ELECTION
AUBURN, Placer Co., Calif.—City of Auburn will vote September 4 on a proposal to issue bonds in amount of $25,000, proceeds to finance construction of a two-story city hall and central fire house in Auburn. Preliminary plans prepared by Architect George Sellon, California State Life Bldg., Sacramento.

9— HOSPITALS

Planned.
ADDITION Cost, $——
SAN MATEO, San Mateo Co., Calif.
San Mateo Community Hospital
Fireproof tubercular ward at the Community Hospital.
Owner—County of San Mateo (Dr. C. C. Gans, Acting County Health Director).
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
An application will be filed with the PWA for a loan and grant to finance proposed addition. If approved a bond election will be called.

Planned.
ADDITION Cost, $—
SAN MATEO, San Mateo Co., Calif
Orystal Springs Road.
Addition to Relief Home.
Owner—County of San Mateo.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Application will be filed with PW for a loan and grant to finance proposed work. If approved a bond election will be called.

Contract Awarded
AUDITORIUM Cont. Price, $17,9
OAKLAND, Alameda Co., Calif. Lincoln and Perkins Streets.
One-story frame and stucco auditorium (to seat 300).
Owner—West Oakland Home.
Architect—W. G. Corlett, Bank America Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Lagu Ave., Oakland.
Complete bids published Aug. 13.

Preparing Working Drawings.
HOSPITAL Cost, $70,0
OROVILLE, Butte Co., Calif.
One- and two-story reinforced concrete hospital unit (40 beds).
Owner—County of Butte.
Architect — Geo. Sellon, Californ State Life Bldg., Sacramento.
Labor will be furnished by WPA

Preparing Working Drawings.
ADDITION Total Cost, $130,0
OROVILLE. Butte Co., Calif.
Additions and alterations to coun hospital (capacity, 190 beds).
Owner—County of Butte
Architect—Geo. Sellon, Californ State Life Bldg., Sacramento.
Plans will be complete in about days

Commissioned To Prepare Plans.
HOSPITAL Cost, $200,0
SANTA ROSA, Sonoma Co., Cal.
Steel frame hospital building (200-b capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, 302 Gra St., Healdsburg.
Engineer—Ed. A. Peugh (County E gineer), Courthouse, Santa Ros
Architects Herbert & Caulki Santa Rosa, were previously repor as the architects.
Application filed with PWA for lo and grant to finance project.

Plans Being Completed.
LODGE Cost, $15,
PITTSBURG, Contra Costa Co., Cumberland St. bet. 9th and 10
One - story and basement frame stucco lodge bldg. (tile and co position roofing, gas hot air he ing system, hardwood floors clubrooms and lodge rooms, gy nasium, locker roms, kitchen basement, etc.
Owner—Pittsburg Lodge of Elks.
Architect—Dragon and Schmidts, Allston Way, Berkeley.
Bids will be asked in about 2 wee

Sub-Contracts Awarded.
AUDITORIUM Cont. Price, $17,
OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.
One-story frame and stucco au torium (to seat 300).
Owner—West Oakland Home.
Architect — W. G. Corlett, Bank America Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Lag Ave., Oakland.
Plumbing and Heating — Max Fin 4019 Brookdale St., Oakland.
Electric — Electric Motor Co., Telegraph Ave., Oakland.

10— HOTELS

BIDS WANTED

WESTWOOD, Cal.—Until August 24, A. M., bids will be received by Red River Lumber Co., Fred Lloyd, Westwood, Calif., for furnishing necessary labor to stub power line and telephone poles on the company's Hat Creek transmission line between Westwood and Hat Creek power house No. 1 at Cassel in Lassen County. There are approximately 350 power line poles and 160 telephone poles to be stubbed.

The work is to be commenced about September 1 and to be completed by November 1.

Company will furnish all materials and pike poles, digging tools, etc. Contractor will supply his own hand tools and all transportation.

Full information may be obtained from Mr. P. A. Robertson or Mr. Frank Cashdollar at Westwood.

Contract Awarded.

ALTERATIONS Cost, $100,000
SEATTLE, Wash. Second and Stewart Streets.
Alterations to hotel (new plumbing, fixtures, alter entrance-lobby, coffee shop, dining room, ballroom and 100 rooms, two new electric elevators, new showers, radiators, ventilating, lighting fixtures, decorating, etc.)
Owner—J. C. Marmaduke, 7540 Seward Park Ave., Seattle.
Architect—Not Given.
Lessee—New Washington Hotel Co., (Ray W. Clark, Mgr.)
Contractor—A. D. Belanger Co., Central Bldg., Everett, Wash.
Plumbing — Palmer Supply Co., 222 Westlake St. N., Seattle.
Neon Sign—Electrical Products Co., 1000 Virginia St., Seattle.

Bids In—Held Under Advisement.

ALTERATIONS Cost, $——
SAN FRANCISCO. No. 433 Powell St.
Alterations and additions to Chancellor Hotel (alter dining room and kitchen, cocktail lounge, bar fixtures, new kitchen equipment, electrical work, sheet metal, etc.)
Owner—Chancelior Hotel.
Architect — Hertzka & Knowles (W. S. Hertzka, Architect), Room 418, 369 Pine St., San Francisco.
Announcement will be made within a few days.

11—ICE & COLD STORAGE PLANTS

PLANNED

PHOENIX, Arizona—H. M. Crumbaugh, 530 W. Jefferson St., Phoenix, contemplates erecting a dry ice manufacturing plant in Phoenix to cost $100,000. A company is being organized to build and operate the plant.

12— POWER PLANTS

BIDS OPENED

SACRAMENTO, Calif.—Luppen and Hawley, 3126 J St., Sacramento, at $2,740 submitted low bid to County Supervisors for furnishing and installing oil and gas burning equipment for the three 185-hp. Sterling boilers located in the boiler room at the Sacramento Hospital.

Complete bids follow:

Luppen & Hawley	$2,740.00
Hately & Hately	3,320.00
Alternate	2,860.00
J. J. McDermott	3,355.74
E. A. Cornely, Inc., S. F.	3,240.12
M. R. Carpenter	3,581.06
Alternate	3,075.00
Alternate	2,967.06
*Ray Oil Burner Co., S. F.	7,468.00

*Rejected, no certified check with bid.

All bidders of Sacramento unless otherwise noted.

Bids held under advisement.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

August 16, 1935

Contract Awarded

ALTERATIONS Cost, $5,000
SAN FRANCISCO. SW 13th Avenue and Irving Street.
Alterations to church auditorium.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—J. J. Foley, 770 Fifth Ave.
Contractor—M. Brueck, 1200 Bayshore Boulevard.

TO ASK FUNDS

SAN FRANCISCO. — Mayor Rossi has been authorized by the Board of Supervisors to apply for a grant from the Federal Public Works Administration to aid in financing restoration of the Palace of Fine Arts. Total cost of the work is estimated at $63,700.

BIDS WANTED

FRESNO, Cal.—Until Sept. 5, 11 A. M., bids will be received by H. S. Foster, City Clerk, Fresno, for mechanical equipment for the new auditorium to be erected for the City of Fresno.

Plans and specifications may be obtained from above office and from the Allied Architects, Fresno, upon deposit of $25.00.

PLANNED

LOS ANGELES, Cal.—Los Angeles County Supervisors, August 19 authorized the spending of $2,300,645 on public works projects in the expectation of securing a $29,803,182 appropriation from the federal government. Included in the program are the following building projects: Olive View sanitarium additions, $5,000,000; county office building at Sunset Blvd. and Spring St., $2,000,000; building repairs, $870,900; improvements to buildings, $87,000.

Contract Awarded.

ALTERATIONS Cont. Price, $2680
SAN RAFAEL, Marin Co., Calif.
Remodel main sheet metal cornice and parapet of the public library.
Owner—City of San Rafael.
Architect—Carl F. Gromme, Masonic Bldg., San Rafael.
Contractor — Leibert & Trobock, Albert Bldg., San Rafael.

PROSPECTIVE BIDDERS

FRESNO, Cal.—Following have procured plans for the purpose of submitting a bid to the Fresno City Council on September 5, 11 A. M., for mechanical equipment for the Fresno City Auditorium. Plans prepared by Allied Architects of Fresno.

Barrett-Hicks Co., 1027 Broadway, Fresno.

Victor Cox, 2820 Tulare St., Fresno.

B. A. Newman Co., 320 North H St., Fresno.

Standard Sheet Metal Works, 704 R St., Fresno.

Anderson & Rowe, 45 Belcher St., San Francisco.

M. R. Carpenter, 907 Front St., Sacramento.

James A. Nelson, 1375 Howard St., San Francisco.

Schuster & Hudson, 175 12th Street, Oakland.

Scott Co., 243 Minna St., San Francisco.

Frederick W. Snook Co., 595 Clay St., San Francisco.

Planned.

CITY HALL Cost $15,000
DAVIS, Yolo Co., Cal.
New City Hall.
Owner—City of Davis.
Architect—Not Given.
Further details will be announced shortly.

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until September 3, 2 P. M., bids will be received by E. D. Abbott, Secretary, Modesto City School District, for completion of the Modesto Junior College library on the site of the Modesto Junior College.

Work involves:

(1) finishing carpentry and mill work;
(2) linoleum flooring;
(3) finish boys' and girls' toilet rooms, marble walls and floors, tile wainscot.

Estimated cost, $10,000. Plans prepared by Architect J. J. Donovan, 950 Parker St., Berkeley.

Plans and specifications may be obtained from the Secretary of the district upon deposit of $25.00.

Bids Wanted—To Close September 4, 2:30 P. M.

VENT. SYSTEM Cost, $2,000
SAN FRANCISCO. City Hall.
Ventilating system in Supervisors' Chambers, City Hall.
Owner—City and County of San Francisco.
Architect — Wm. Mooser, Monadnock Building.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall. No deposit required.

14— RESIDENCES

Bids Opened.

RESIDENCE Cost, $——
SAN FRANCISCO. Sherwood Forest.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—B. L. Lechens.
Architect—Harold Stoner, 698 Portola Drive, San Francisco.
Low Bidder — G. P. W. Jensen, 320 Market St., San Francisco.

Complete bids follow:

G. P. W. Jensen	$15,650
A. F. Mattock	16,146
Moore & Roberts	16,746
R. S. Silverberg	17,190

Bids held under advisement.

Contract Awarded.

RESIDENCE Cost, $9000
SAN MATEO, San Mateo Co., Calif. No. 374 Fairfax Ave.
Two-story frame and stucco residence.
Owner—E. R. Fax, 614 Highland Ave. San Mateo.
Architect—Not Given.
Contractor—Gordon Hess, 1446 Burlingame Ave., San Mateo.

Contract Awarded.

RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Cal No. 517 South Idaho Street.
One-story and basement frame and stucco residence.
Owner—A. D. McLillan, 19 Hayward St., San Mateo.
Architect—Not Given.
Contractor—H. Kime, 118 12th Ave., San Mateo

Contract Awarded.

RESIDENCE Cost, $——
SAN FRANCISCO. Green Street near Calhoun Street.
Two-story and basement frame and stucco residence (8 rooms and 2 baths).

Owner—Dr. Hans Klussman.
Architect—L. Schalk, 526 Powell St., San Francisco.
Contractor — Thos. Cuthbertson, 430 Noriega St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Lot 42, Humboldt Street.
One-story and basement frame and stucco residence.
Owner—G. B. Valle, 109 Stanley Road San Mateo.
Architect—Not Given.
Contractor—Martin Peterson, 128 Lorton St., San Mateo.

Contract Awarded
RESIDENCES Cost, $8,000 each
SAN FRANCISCO. 25th Avenue and Camino del Mar.
Four two-story and basement frame and stucco residences (7 and 8 rooms).
Owner—Withheld.
Architect — Ed. Musson Sharpe, 525 Market Street.
Contractor—Wm. Spivock, 544 Golden Gate Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Lot 12 Block 4, Avilla Street.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. Ashbury Terrace.
Two-story frame residence (Colonial style) 8 rooms, 2 baths; composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 18th Avenue, San Francisco.
Contractor—F. K. DuPuy, 110 Sutter.

Low Bidder.
ALTERATIONS Cost, $——
MILL VALLEY, Marin Co., Calif.
Alterations to residence (add bedrooms and baths, etc.)
Owner—Withheld.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Low Bidder—Moore and Roberts, 693 Mission St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo County.
One - story and basement frame and stucco residence (5 rooms) shingle or shake roof, gas heating system hardwood floors, tile bath, steel and wood sash, etc. (Monterey type).
Owner and Builder — John McCarthy, 50 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,500
OAKLAND, Alameda Co., Calif 3465 Morcom Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—A. V. and Loretta Newton
Architect—Not Given.
Contractor—Wm. Watson, 4750 Meldon Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-first Ave. N Noriega Street.
One-story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect—Not Given.

Owner Taking Bids.
RESIDENCE Cost, $5000
VALLEJO, Solano Co., Cal.
One-story all wood residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Jas. Gee Jr., 612 Georgia St. Vallejo.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Ask Bids Within Few Days.
RESIDENCE Cost, $5,550
RICHMOND, Contra Costa Co., Cal. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths, two lavatories, double garage) shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adcock.
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. SW 14th and Santiago.
One - story and basement frame and stucco residence.
Owner and Builder — A. Nelson, 242 Ocean Avenue.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 2643 79th Avenue.
One-story frame and stucco residence (five rooms).
Owner—A. F. Holloway, 7621 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—G. A. Johnson, % owner.

Contract Awarded.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 474 56th Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—R. J. Cunie, 355 50th Street, Oakland.
Architect—Not Given.
Contractor—E. J. Luonla, % owner.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. W 31st Avenue, S Irving Street.
Two one-story and basement frame and stucco residences.
Owner & Builder—Henry Doelger, 320 Judah Street.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,000
SAN FRANCISCO. Fourteenth Ave. S. Taraval Street.
One - story and basement frame and stucco residence (6 rooms and 2 baths) tile and composition roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. Halsen, 2127 25th Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One-story frame and stucco residence (5 rooms) shingle roof, gas heating system, hardwood floors, tile baths, etc.
Architect—Victor Galbraith, 1035 W. Acacia St., Stockton.
Contractor—Kent Watson, Lodi.

Sub-Bids Wanted.
RESIDENCE Cost, $——
SAN FRANCISCO. W Eleventh Ave 275 S Lake Street.
One-story and basement frame and stucco residence.
Owner—J. Dardy, 145 11th Ave., San Francisco.
Architect—Not Given.
Contractor—Gaubet Bros., 4735 Brookdale Ave., Oakland.
Sub-bids are wanted on all portions of the work.

Dumb Waiter Contract Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story and basement frame and stucco residence (20 rooms and 5 baths) shake roof, air conditioning hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—George Hotaling.
Architect — Gardner Dailey, 210 Post St., San Francisco.
Contractor — Lindgren & Swinerton 225 Bush St., San Francisco.
Dumb Waiter—Vincent Whitney Co., 130 Tenth St., San Francisco.
As previously reported, sheet metal awarded to Redwood City Sheet Metal Works, Redwood City; plumbing to F. W. Spencer, 1996 Fell St., San Francisco; lumber to Palo Alto Lumber Co., Palo Alto.

Plans Being Figured.
RESIDENCE Cost, $——
RODEO, Contra Costa Co., Cal.
One-story and basement frame and stucco residence (6 rooms) tile and flat roof, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—James Narbett, 466 31st St., Richmond.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal No. 1294 Hamilton Avenue.
Two-story frame and stucco residence
Owner and Builder—C. W. Kemperr 125 Bryant St., Palo Alto.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7500
SAN FRANCISCO. Marin Blvd. and Beach Street.
One-story and basement frame and stucco residence.
Owner—R. J. & Emma M. Blaine, 1680 Beach St., San Francisco.
Architect—Not Given.
Contractor — Anza Home Bldg. Co. 36th Ave. and Kirkham St., San Francisco.

Mill Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda County, Calif Claremont District.
Two - story and basement frame and stucco residence (Mediterranean style) 9 rooms, 2 baths; tile roof hot air heating system, hardwood floors, tile baths, etc.
Owner—Prof. B. M. Woods, University of California, Berkeley.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Mill Work—Lannom Bros. Mfg. Co. Fifth and Magnolia Sts., Oakland
As previously reported, excavation and concrete awarded to Louis Sartorio, 2627 Lombard St., San Francisco; reinforcing steel to Gunn, Carle & Co., 20 Potrero Ave., San Francisco

To Be Done by Day's Work..
RESIDENCE Cost, $3500
OAKLAND, Alameda Co., Cal. 10062 Broadway Terrace.
One-story and basement frame and

stucco residence (5 rooms).
wner—Mrs. C. E. Seage, 4220 Montgomery St., Oakland.
rchitect—Not Given.

ontract Awarded.
LTERATIONS Cost, $2000
AN FRANCISCO. No. 3920 Cabrillo Street.
lterations to residence.
wner—F. J. Verleger, Premisea.
rchitect—Not Given.
ontractor—A. M. Hardy, 736 Clementina St., San Francisco.

'o Be Done By Day's Work.
(ESIDENCE Cost, $6,000
(URLINGAME, San Mateo Co., Cal.
Lot 1-A Block 33, Howard Ave.
one - story and basement frame and stucco residence.
wner & Builders—Burlingame Realty & Bldg. Co., 1030 Burlingame Ave., Burlingame.
rchitect—Not Given.

Sub-Contracts Awarded.
(ESIDENCES Cost, $——
SAN MATEO, San Mateo Co., Calif.
Aragon Tract.
Two two-story frame residences (six rooms and 2 baths each)
Owner and Builder—G. W. Williams Co., 215 Primrose Road, Burlingame.
Architect—Willis Polk Co., Angus McSweeney, Architect), 604 Mission St., San Francisco.
Concrete — Gus Aldophson, 706 N. Claremont St., San Mateo.
Painting—George Ames, 408 Howard Ave., Burlingame.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
BAYWOOD, San Mateo Co., Calif.
½-story frame and stucco residence (8 rooms, 2 baths) terra cotta tile roof, air conditioning system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Wissing.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Contractor—Aetna Const. Co., 166 Miramar Ave., San Francisco.
Plumbing—E. C. Cottier, San Mateo.
Electric Wiring — San Mateo County Electric Co., San Mateo.
Heating and Sheet Metal—E. Sterger, San Mateo.
Wood Sash—Warden Bros. 2501 Army St., San Francisco.
Mantel — Sculptors' Work Shop, 121 14th St., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Iron Grille Work — San Mateo Forge Co., San Mateo.
Lumber—Sudden Lumber Co., Evans and Quint Sts., San Francisco.
Painting—Killelea and Petterson, San Mateo.
Finish Materials—Warden Bros., 2501 Army St., San Francisco.
Miscellaneous Work—Bates Carpenter Co., 604 Mission St., San Francisco.
Brick and Stone Work—Karlberg and Bosin, 367 Bayshore Blvd., San Francisco.
Ornamental Iron — San Mateo Forge Co., San Mateo.
Bids are now being taken on roofing and plastering.

To Be Done By Day's Work.
RESIDENCE Cost. $6000
OAKLAND, Alameda Co., No. 538 E. Twentieth Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Paul and K. Woodburn 624 Prospect St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. No. 650 Ulloa St.
Alterations to residence.
Owner—Judge Lyle T. Jacks, 650 Ulloa St., San Francisco.
Architect—Not Given.
Contractor — Albert A. Plagge, 1471 30th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Twenty-ninth Ave. 50 S Irving St.
One-story and basement frame and stucco residence.
Owner and Builder—A. Hallgren, 1694 29th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Twenty-seventh Ave. 250 S Rivera St.
One-story and basement frame and stucco residence.
Owner and Builder—Parkside Investment Co., 2240 27th Ave.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif.
Park Avenue.
Two-story frame residence (5 rooms) California-Colonial style.
Owner—Withheld.
Architec(—Wm. E. Higgins, 19 North Second St., San Jose.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

Low Bidder.
RESIDENCE Cost, $——
SAN FRANCISCO. St. Germaine Ave.
Two-story frame and stucco residence (6 rooms) shake roof, gas heating system, hardwood floors, tile bath.
Owner—Sherman Gardner.
Architect—J. K. Branner, 210 Post St.
Low Bidder—Fred DuPuy, 149 Sutter.
Slight revisions will be made in the plans.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. SW Marina Blvd. NW Beach St.
One-story and basement frame and stucco residence.
Owner—R. J. and Emma Blaine.
Architect—Not Given.
Contractor—Anza Home Building Co., 1498 36th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda County, Calif.
Santa Barbara Road.
Two-story frame and stucco residence (tile roof, oil burning heating system, hardwood floors, etc.)
Owner—Withheld.
Architect—Noble and Archie Newsom, Russ Bldg., San Francisco.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

Low Bidder.
RESIDENCE Cost, $7,500
ORINDA, Contra Costa Co., Calif.
Two-story frame and stucco residence
Owner—Withheld:.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Mark Bristol, 1038 McKinley, Oakland.

Sub-Contracts Awarded.
ALTERATIONS Cost, $10,000
SAN FRANCISCO 2150 Washington.
Alterations to residence.
Owner—F. McGinnis, premises
Architect—Not Given.
Contractor—A. F. Mattock, 212 Clara.
Plumbing & Heating—Dowd & Welch, 3558 16th Street.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon
Electric—Grandi Electric Co., 3429 Sacramento Street.
Sheet Metal—Lowell Davison, 65 Chesley Street.

Plans Being Completed.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo County, Calif.
One - story and basement frame and stucco residence (5 rooms) shingle or shake roof, gas heating system hardwood floors, tile bath, steel and wood sash, etc. (Montere type),
Owner and Builder—John Carthy, 50 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St San Francisco.
Sub-bids will be taken about August 21.

Contract Awarded.
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif
One - story and basement frame and stucco duplex (5 rooms each) tile and flat roof, gas heating system hardwood floors, wood sash, etc.
Owner—Victor Schang.
Architect—Jas. Narbett, 466 31st St., Richmond.
Contractor—Fred Hofking, Richmond

BOND ELECTION

SAN BRUNO, San Mateo Co., Cal —City of San Bruno will vote Sept. 30 on a proposal to issue bonds in the amount of $140,000 to refinance delinquent street bonds and for the purchase of Uncle Tom's Cabin property for development of a civic center.

Preliminary plans prepared by City Engineer F. A. Savage, San Bruno.

Contract Awarded.
RESIDENCE Cost, $10,500
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence (tile roof, gas hot air heating system, hardwood floors, etc.)
Owner—R. Mitchell, Carmel.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pederson, 3443 Adeline St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Cal. 518 Cragmont Avenue.
One - story and basement frame and stucco residence (7 rooms).
Owner and Builder—W. A. Netherby, 3853 Lyman Road, Berkeley.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1018 Glendora Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Aurilia M. Beauchamp, 2901 21st Ave., Oakland.
Architect—Not Given.
Contractor — Fred Hambleton, 1005 Chatham Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $3000
OAKLAND, Alameda Co., Cal. No. 5356 Bond Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—E. V. Capdevielle, 3335 68th Ave., Oakland.
Architect—Not Given.
Contractor—Ernest Read, 4834 Foothill Blvd., Oakland.

Plans Completed.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. Vernon St. near Perkins St.
Two-story frame and stucco residence (6 rooms and 2 baths).

Owner and Builder — Hufschmidt & Wayland, 337 17th St., Oakland.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 746 Kansas Street.
Owner—Mrs. B. Orikay, Premises.
Architect—Not Given.
Contractor—A. L. Hansen, 2083 19th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Thirtieth Ave. 150 S Lawton Street.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, 320 Judah St., San Francisco.
Architect—Not Given.

Construction Postponed Indefinitely.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Oakmore Highlands.
Two-story frame, stucco and brick residence (English style) shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Val Bellantine.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Olaf Peterson, 3626 Rhoda Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co., Cal.
Two-story brick residence (12 rooms, 4 baths) wood exterior, slate roof, steel and wood sash, gas heating system, air conditioning system.
Owner—Mr. and Mrs. Lloyd Liebes.
Architect — Gardner Dailey, 210 Post St., San Francisco.
Contractor — R. S. Silverberg, 405 Montgomery St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Thirty-third Ave. 175 N Santiago St.
One-story and basement frame and stucco residence.
Owner—Ethel G. Smith.
Architect—Not Given.
Manager of Constr.—C. M. Cook, 2363 33rd Ave., San Francisco.
Concrete—San Francisco Concrete Co.
Carpentry—Chas. E. Anderson, Prem.
Door and Window Frames — Portman Mill, 1618 Mission St.
Painting—Chas. Waxman, 981 Fillmore Street.
Roofing — Powers Roofing Co., 1412 Alabama St.
Lumber—Smith Lumber Co., 5th and Channel Sts.
Nails—Construction Device Co., 712 Bryant Street.
Sheet Metal—Atlas Heating Co., 557 Fourth St.

Low Bidder.
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—Geo. J. Asmussen, 1058 Grove Way, Hayward.

Plans Being Prepared.
RESIDENCE Cost, $7000
SAN FRANCISCO. Bayshore Blvd.
Two-story frame and stucco residence (Spanish style) tile roof, gas furnace, oak floors, tile baths, etc.
Owner—Withheld.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $4,000
HAYWARD, Alameda Co., Calif.
One-story frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. N Market Street 400 W Hattie.
One - story and basement frame and stucco residence.
Owner—J. H. McKeown, 624A Guerrero Street.
Architect—Not Given.
Contractor—R. F. Galli, 1574 28th Avenue. 14

CONTRACT AWARDED
SAN FRANCISCO—Western Asbestos Co., 675 Townsend Street, at $3,875 awarded contract by Department of Public Works for furnishing and installing acoustical material in the Controller's Office, City Hall.

BIDS WANTED
SAN FRANCISCO—Until August 28, 2:30 P. M., bids will be received by the Department of Public Works, Room 251, City Hall, for the revision of the orchestra pit in the Veterans' Bldg., Civic Center. Est. cost, $2,500.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $10.00.

Planned.
MUSEUM Cost, $2,000
LAKEPORT, Lake Co., Cal. Forbes and Third Streets
One-story museum.
Owner—County of Lake.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Application will probably be filed with WPA to furnish labor.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. No. 460 Washington Avenue.
One-story and basement frame and stucco residence.
Owner — Frederick C. Loomis, 1320 Middlefield Road, Palo Alto.
Architect — Lawrence Test, 1041 E. Green St., Pasadena.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto

Contract Awarded.
ALTERATIONS Cost, $2500
ALAMEDA, Alameda Co., Cal. No. 3230 Briggs Avenue.
Alterations to residence (raise building, etc.)
Owner—B. Conant, 3210 Liberty Ave. Alameda.
Architect—Not Given.
Contractor—Conrad Roth, 2001 Central Ave., Alameda.

Contract Awarded.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 2618 Lincoln Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—Donald A. Cohen, Hayward.
Architect—Not Given.
Contractor—Conrad Roth, 2001 Central Ave., Alameda.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
ALAMEDA, Alameda Co., Cal. No. 2936 Fernside Blvd.
One-story and basement frame residence (5 rooms) rustic exterior.
Owner and Builder—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Cal. No. 580 Washington Avenue.
Two-story brick residence.
Owner and Builder—W. F. Klay, 124 University Ave., Palo Alto.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $1000
SAN FRANCISCO. S Palou St. 200 E Phelps St.
One-story and basement frame and stucco residence.
Owner and Builder—Leroy and Germaine Sharman, 1400 Revere St., San Francisco.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5917 Mauritania Avenue.
One - story and basement frame and stucco residence (6 rooms).
Owner—T. Fitzpatrick, 4650 E 14th St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3174 McKillop Road, Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. SE Dewey and Pacheco.
Two - story and basement frame and stucco residence.
Owner and Builder—W. B. McLaughlin, Russ Bldg.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Keith St. 65 S Oakdale St.
One-story and basement frame and stucco residence.
Owner—Mr. and Mrs. Geisel, 1458 Palou St., San Francisco
Architect—Not Given.
Contractor—C. A. Faggioni and J. Barsotti, 1567 Revere St., S. F.

Plans Completed.
FIRE HOUSE Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Emory and Laurel Streets.
One - story reinforced concrete fire-house (tile roof) 75x150 feet.
Owner—City of San Jose.
Architect—Ralph Wyckoff, San Jose National Bank Bldg., San Jose.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

15— SCHOOLS

Plans Being Prepared.
SCHOOL Cost, $25,000
COLFAX, Placer Co., Calif.
One-story elementary school (5 classrooms) type of construction not determined).
Owner—Colfax Elementary School District.
Architect—Geo. Sellon, California State Life Bldg., Sacramento.
Application has been filed with the PWA for a loan and grant to finance the project.

Bids Wanted—To Close Sept. 6, 8:00 P. M.
SCHOOL Cost, $——
BISHOP, Inyo Co., Calif.
One-story gymnasium at High School
Owner — Bishop Union High School District.
Architect—J. A. Grundfor, 114-A W Broadway, Glendale.

ids will be taken on the following
eneral work
umbing.
eating
molition of old walls and foun-
ions.
ans and specifications may be ob-
ed from the architect and from
h high school office, upon deposit of
2

ans Being Prepared.
CHOOL Cost, $25,000
ULELAKE, Siskiyou Co., Cal.
o-story frame and stucco grammar
school building (6 rooms) wood
shingle roof, flat deck, plastered
interior walls and ceiling, wood
and metal lath, furnace, wood
floors, etc.
ner — Tulelake Grammar School
District (A. A. Wright, District
Clerk), Tulelake.
chitect—Howard R. Perrin, Klamath
Falls, Oregon.
pplication has been filed with the
WA for a loan and grant to finance
is project.

ds Wanted—To Close Sept. 3, 7:30 P. M.
ROVE SCHOOL Cost, $30,000
LINAS, Monterey Co., Calif.
ructural changes to domestic sci-
ence building of the Salinas Union
High School (1st unit).
ner — Salinas Union High School
District.
chitect—Chas. Butner, 51 Maple St.
Salinas.
ructural Engineer—F. W. Kellberg,
320 Market St., San Francisco.
lans and specifications may be ob-
tained from the architect or from the
erk of the Board upon deposit of $5.

ONTRACT AWARDED
AN NUYS, Los Angeles Co., Cal.
N. A. Anderson, 414 Rowan Bldg.,
s Angeles, awarded contract by
s Angeles Board of Education at
$8,484, for constructing a two-story
room Class A reinforced concrete
ministration building to be built
the Van Nuys High School, 6535
dros Ave., Van Nuys. Allison &
llison, 1014 Edison Bldg., Architect.

lans Being Prepared.
MNASIUM Cost, $——
N LUIS OBISPO, Cal. High School
Campus.
ne-story gymnasium (72x144 feet)
steel frame, structure, masonry
walls, steel sash, maple floors, two
sun decks, tile roof, electric wir-
ing, metal skylights, stucco ex-
terior, etc.
wner—San Luis Obispo Board of
Education.
rchitect—Louis N. Crawford, Jones
Bldg., Santa Maria.
ructural Engineer—H. J. Brunnier,
Sharon Bldg., San Francisco.

ommissioned To Prepare Plans.
RAMMAR SCHOOL Cost, $150,000
ALEM, Oregon.
ew grammar school.
wner—Salem School District.
onsulting Architect — Knighton &
Howell, U. S. Bank Bldg., Port-
land, Oregon.
Application will be filed with the
WA for a loan and grant to finance
roposed work. If approved a bond
lection will be called.

ommissioned To Prepare Plans.
DDITIONS Cost, $180,000
ALEM, Oregon.
dditions to Leslie Junior High School
(new auditorium & gymnasium.)
wner—Salem School District.
rchitect—Lyle Bartholomew, Salem.
onsulting Architects — Knighton &
Howell, U. S. Bank Bldg., Port-
land.

Application will be filed with the PWA for a loan and grant to finance the project. If approved a bond election will be called.

Bids Opened.
ADDITION Cost, $15,000
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to schoc building (add two classrooms and lunch room) Atlantic Street School (brick construction, composition roofing, extension of present steam heating system, wood floors, etc.)
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder—Peterson & Steinbrenner, 1116 O St., Sacramento, at $15,080.
Only other bid was submitted by the Lawrence Const. Co., Sacramento, at $16,775.
Bids held under advisement.

Plans Being Prepared.
HIGH SCHOOL Cost, $630,000
SALEM, Oregon.
New Senior High School.
Owner—Salem School District.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Application will be filed with the PWA for a loan and grant to finance proposed work. If approved a bond election will be called.

CONTRACT AWARDED
COALINGA, Fresno Co., Cal. — A. R. Ochs, Coalinga, at $2153 awarded contract by Coalinga Union High School District, for furnishing and installing (1) new electrical service lines from the switchboard in the power vault of the science building, to the mechanical shops in underground conduit, and (2) from the switchboard in the power vault of the science building in underground conduit to the power pole serving the tennis courts and swimming plunge.
Only other bids was submitted by Davis Electric Co., Coalinga, at $2257.

CONTRACT AWARDED
LOS ANGELES, Cal.—W. J. Shirley, 1724 S. Vermont Ave., awarded a contract by Los Angeles Board of Education at $146,699 (accepting alternate bids A, B, and C), for the reconstruction, rehabilitation and strengthening of the main building, classroom annex, cafeteria and domestic science building and mechanical arts building at the John Muir Junior High School, 5929 S. Vermont Ave. John S. Austin and Frederic M. Ashley, 608 Chamber of Commerce Bldg., Architects.

LOW BIDDER
LOS ANGELES, Cal. — Weymouth Crowell Co., 2104 E. 15th St., submitted low bid to Los Angeles Board of Education at $306,500, for two two-story Class A classroom buildings, to contain approximately 50 units, and a one-story Class B cafeteria building and connecting passegways to be built at the Thomas Jefferson High School, 1319 E. 38th St. Morgan, Walls & Clements, 1135 Van Nuys Bldg., Architects. Cost, $350,000.

CONSTRUCTION TO START SHORTLY
SANTA BARBARA COUNTY, Cal. —College Grammar School District will start work shortly on the construction of a recreation building on the College School site, near Santa Ynez, Santa Barbara County. Application was originally made for a PWA grant but the project has been transferred to the WPA. Cost, $11,000. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, Architect.

BIDS OPENED
SANTA BARBARA COUNTY, Cal. —Wigg Construction Co., 11,700 School St., Lynwood, submitted low bid to Santa Ynez Valley Union High School District, at $96,000, for the construction of school buildings at Santa Ynez, a PWA project. Recommendation was made that the contract be awarded to the low bidder at $91,870, omitting the art department room and the paved entrance drive. The buildings will be wood frame structures with stucco exteriors, tile roofing, concrete and wood floors, heating plant, etc. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, Architect. The bids follow:
Wigg Constr. Co., $96,000; (a) deduct for omission of art department room, $2630; (b) deduct for omission of paved entrance drive, $1500.
Hans Skytt, $102,000, (a) $4500, (b) $1600.
H. R Graham, $102,000, (a) $3500, (b) $1500.
Chas. M. Urton, $103,333, (a) $3050, (b) $1700.
Geo. MacLeod, $104,779, (a) $2450, (b) $1500.

Material Bids Wanted—To Close Aug. 26, 7:30 P. M.
SCHOOL Cost, $6500
LATON, Fresno Co, Cal.
One-story frame and stucco school (concrete foundations).
Owner — Grant School Distroct (Robt. H. Jenkinson, Clerk).
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.

BIDS WANTED
LOS ANGELES, Cal. — Until Sept. 5, 11:30 A. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of building No. 1 at the Fries Avenue School, 1301 Fries Avenue, San Pedro District. Henry F. Withey, 500 S. Westlake Ave., Architect. Cost, $42,152.

CONTRACT AWARDED
SAN FRANCISCO.—James A. Nelson, Inc., 10th and Howard Streets, at $31,816 awarded contract by the Department of Public Works for mechanical equipemnt for Lowell High School, Hayes and Ashbury Streets.
M. J. Reeves, low bidder at $26,870, was allowed to withdraw his bid, claiming an error.
Complete bids published August 8.

Prospective Bidders.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Following have procured plans, bids to be opened Aug. 27:
Campbell Const. Co., 800 R Street, Sacramento.
Peterson & Steinbrenner, 1116 O St., Sacramento.
L. Ubeis, Ripon.
Lawrence Const. Co., 5273 9th St., Sacramento.

CONTRACT AWARDED
WADSWORTH, Nev.—J. C. Dillard, Reno, has been awarded a contract at $19,272 for remodeling existing building and erecting a new gymnasium on ths school site in Wadsworth, a PWA project.

Plans Awaiting PWA Approval.
SCHOOL Cost, $36,000
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.

Sub-Contracts Awarded.
RECON SCHOOL Cont. Price, $12,558
OAKLAND, Alameda Co., Calif. 110 Sunnyhills Road.
Reconstruction and rehabilitation of Crocker Highlands School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Berkeley.
Roofing—Guy Tyler, 1502 Cedar St., Berkeley.
Plumbing—Henry Lee, 1736 5th Ave., Oakland.
Electric Wiring—Scott - Buttner Co., 2214 Webster St., Oakland.
Heating—Henry Lee, Oakland.
Sheet Metal — Aladdin Heating Co., 5107 Broadway, Oakland.
Steel Sash—East Bay Glass Co., 621 Sixth St., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.
Glass—East Bay Glass Co., Oakland.
Lumber—Bay City Lumber Co., 48th Ave. and E 12th St., Oakland.
Hardware—Maxwell Hdwe. Co., 1320 Washington St., Oakland.
Lathing and Plastering—Sam Murlaic, 354 Hobart St., Oakland.
Window Shades—West Coast Window Shade Service, 467 19th St., Oakland.

Plans Being Completed.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Calif.
One - story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked in about thirty days.

BIDS WANTED
LONG BEACH, Cal.—Until August 30, 4 P. M., bids will be received by Long Beach board of education for the construction of Buildings A and C at the Robert E. Lee School. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25.
George W. Kahrs, architect, 1221 Linden Ave., and J. H. Davies and C. D. Wailes, structural engineers, Ocean Center Bldg., Long Beach.

Plans Being Figured—Bids Close Sept. 5, 4:00 P. M.
ALTER SHOPS Cost, $12,000
OAKLAND, Alameda Co., Cal. Fifty-eighth and Grove Streets.
Alterations to University High School Shops.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Plans and specifications may be obtained from the Secretary, Oakland Board of Education, upon deposit of $25.

PLANS BEING FIGURED
WEST LOS ANGELES, Cal.—Associate Architects Loss Montgomery and Wm. Mullay, 3828 Ameshury Rd., are taking bids from a selected list of general contractors for a two-story brick and concrete addition to a school building at 10643 Sunset Blvd., West Los Angeles, for Marymount School. The addition will be 48x115 feet in area; tile roofing, structural and reinforcing steel, steel sash, steam heating, lavatory, etc. Cost, $55,000.

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until August 30, 4 P. M., bids will be received by Long Beach Board of Education for the construction of buildings A and C at the Robert E. Lee School. Plans and specifications may be obtained from the business manager of the board at 25th St. and Chestnut Ave., Long Beach, upon deposit of $25. George W. Kahrs, 1224 Linden Ave., Architect, and J. H. Davies and C. D. Wailes, structural engineers, Ocean Center Bldg., Long Beach. Cost $85,000.

BIDS WANTED
SAN FRANCISCO.—Until Sept. 4, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for painting and finish hardware for reconstruction of the Lowell High School, located on Hayes, Ashbury, Grove and Masonic Avenue. Painting estimated to cost $10,000 and finish hardware, $5,000.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall, upon deposit of $25.00.

Plans Being Prepared.
ADDITION Cost, $4000
GEYSERVILLE, Sonoma Co., Cal.
Addition to grammar school (add one Classroom); reinforced concrete construction.
Owner—Geyserville Grammar School District.
Architect—John I. Easterly, 302 Grant St., Healdsburg.
Application has been filed with the WPA to furnish labor.

Planned.
ADDITION Cost, $——
LOS GATOS, Santa Clara Co., Cal.
Addition to high school (8 classrooms and music department).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application will probably be filed with the PWA for a loan and grant to finance proposed work.

Commissioned To Prepare Plans.
MANUEL TRAINING SHOP
MONTEREY, Monterey Co., Cal. Pacific Street.
One-story fireproof manuel training shop (forge).
Owner—Monterey Elementary School District.
Architect—Roland Stringham & John Evers, 525 Market St., S. F.

Contracts Awarded.
LIBRARY Cont. Price, $226,715
EUGENE, Ore. Campus of University of Oregon.
Three-story and basement library (249 by 144 ft.) Romanesque style; tapestry brick exterior, cast stone, tar and gravel roof, some marble, central heating plant, concrete slab floors, acoustical treatment, book conveyors, electric elevator, two fire doors, tile, linoleum, cork and rubber flooring, hollow tile partitions, structural steel, temperature regulators, vault doors, weather stripping, etc.
Owner—State of Oregon.
Architect—Lawrence, Holford & A[illegible] Falling Bldg., Portland.
Contractor—Ross B. Hammond Inc., Spalding Bldg., Seattle.
Plumbing—H. C. Hastorf, Inc., P[illegible]land, $8,585.
Heating—Urban & Sinnott, Portl[illegible] $18,640.
Electric—A. B. Sigwart, Eugene, $[illegible]
Electric Fixtures—Edwin F. Guth, [illegible] Louis, $4,143.
Bookshelves—Art Metal Co., $61,7[illegible]

Bids Wanted—To Close Sept. 17, [illegible] P. M.
ALTERATIONS Cost, $[illegible]
BERKELEY, Alameda Co., Cal. 1200 University Avenue.
Alterations to Burbank School.
Owner—Berkeley Board of Educat[illegible]
Engineer—Thos. F. Chace, Berk[illegible] Board of Education, Berkeley.
Plans and specifications may be [illegible]tained from above office upon dep[illegible] of $10.

Plans Completed.
ALTERATIONS Cost, $40[illegible]
SAN LORENZO, Alameda Co., C[illegible]
Alterations to grammar school.
Owner—San Lorenzo Grammar Sch[illegible] District.
Owner—W. H. Weeks, 525 Market [illegible] San Francisco.
Plans have been forwarded to st[illegible] Division of Architecture, Sacramen[illegible] for approval.

Bids Wanted—To Close September [illegible] 8 P. M.
GYMNASIUM Cost, $-[illegible]
BISHOP, Inyo Co., Calif.
One - story high school gymnasi[illegible] (dressing rooms, showers, amu[illegible]ment room, concrete walls, [illegible]posed concrete exterior, wood [illegible] trusses, composition roofing, c[illegible]crete and wood floors, steel sa[illegible] steam heat from central plan[illegible]
Owner—Bishop Union High Sch[illegible] District.
Architect—J. A. Grundfor, 114A W[illegible] Broadway, Glendale.
Bids will be taken as follows:
(1) work complete;
(2) general work only;
(3) plumbing;
(4) heating;
(5) demolition of old walls and fo[illegible]dations.
Plans and specifications may be [illegible]tained from the architect and fr[illegible] the high school office upon deposit [illegible] $25.00.

Plans Being Prepared.
SCHOOL Cost, $130.
MARIPOSA, Mariposa Co., Cal.
Additions to high school buildings.
Owner—Mariposa High School Dist[illegible]
Architect—W. H. Weeks, 525 Mar[illegible] St., San Francisco.
Application has been filed with [illegible] PWA for a loan and grant to fina[illegible] the work.

Bids Wanted—To Close September [illegible] 2:30 P. M.
LIBRARY Cost, $7,[illegible]
SAN FRANCISCO, Utah and 25th S[illegible]
Two - story frame library at St[illegible] King School (two rooms) work i[illegible]volves excavation, misc. and o[illegible]tron, sheet metal, roofing, carp[illegible]try, glass and glazing, metal la[illegible]ing and plastering, plumbing, fi[illegible]lsh hardware and electrical wo[illegible] and painting.
Owner—City and County of San Fra[illegible]cisco.
Architect—Chas. Sawyer, City Arc[illegible]tect, City Hall.
Plans and specifications may be o[illegible]tained from Mr. Sawyer upon depo[illegible] of $10.00.

T ASK FUNDS
AN FRANCISCO. — Mayor Rossi has been authorized by the Board of Supervisors to apply for a grant from the Federal Public Works Administration to aid in financing construction of additional buildings and equipment at four city schools. Total cost of the work is estimated at $585,973. Work contemplated includes:
George Washington High School: Machine shop and equipment;
Marina Junior High School: Machine shop and equipment:
Daniel Webster School: Auditorium and equipment;
Aloe Jr. High School: Eight standard classrooms.

T ASK BIDS
MONTEREY, Monterey Co., Cal.—Monterey Elementary School District will ask bids shortly for repairs to present time clock systems and possible installation of new systems in Review and old Monterey schools.

T ASK BIDS
MONTEREY, Monterey Co., Cal.—Monterey Elementary School District will ask bids shortly for sixteen tables and 100 chairs for the district. Estimated cost, $800.

3— BANKS, STORES AND OFFICES

Plans Completed
ALTERATIONS Cost, $5,000
SAN FRANCISCO, 875 Market Street
Alterations to store.
Owner—Grayson Shop, premises.
Architect—Ed. M. Sharpe, 525 Market.
Engineer—Alfred P. Fisher, 111 Sutter Street.

Contract Awarded.
ALTERATIONS Cost, $——
PITTSBURG, Contra Costa Co., Cal.
Fifth Street and Railroad Ave.
Alterations and additions to department store (new front, painting, decorating, tiling, citrolite, etc.)
Owner—Buchanan's Department Store (W. C. Buchanan, President), Pittsburg.
Architect—Not Given.
Contractor—G. E. Seeno, 150 E. Second St., Pittsburg.

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, 250 Stockton St.
Alterations to offices.
Owner—Wurlitzer Company.
Architect—Not Given.
Contractor—J. J. Stahl, 668 8th Ave

To Be Done By Day's Work.
OFFICES Cost, $4,000
SAN FRANCISCO, S West Portal 100 E 15th Avenue.
One-story frame offices.
Owner and Builder—R. F. Galli, 1571 28th Avenue.
Architect—Not Given.

Contract Awarded.
TELEPHONE BLDG. Cost, $100,000
WALLA WALLA, Washington.
Two-story and basement Class A steel frame fireproof telephone building (cable vault below portion of first floor).
Owner — Pacific Telephone and Telegraph Company.
Architect—A. H. Albertson and Joseph W. Wilson and Paul Richardson, Seattle, Wash.
Contractor—Sound Constr. & Engr. Co., Northern Life Bldg., Seattle.

Plans Being Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO, 833 Market St.
Alterations to first, second and basement floors of building for store (terra cotta or marble front, electrical work, bronze work, painting, decorating, etc.)
Owner—California Academy of Sciences.
Lessees—Lerner Shops (Samuel Lerner in charge).
Architect—D. D. Stone, 110 Sutter St.

Contract Awarded.
STORE Cost, $1500
WATSONVILLE, Santa Cruz Co., Cal.
One-story reinforced concrete store building (22x100 feet) flat roof, composition and concrete floors, etc.
Owner—O. S. Chinn.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.

Low Bidder.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, NW Post Street and Stockton.
Alterations to store bldg. (new front; marble and bronze work, mill work, showcase, etc.)
Owner—Randolph's Jewelry Co.
Architect — Albert Schroepfer, 214 Kearny Street.
Low Bidder—Wm. Martin, 666 Mission Street.

Contract Awarded
ACOUSTICAL WORK
Contract Price, $2,750
SACRAMENTO, Sacramento Co., Cal.
State Capitol Building.
Acoustical treatment in Senate Chamber of State Capitol.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Western Asbestos Co., 675 Townsend St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, SE Market and Annie Streets.
Alterations for offices.
Owner—Palace Hotel Company.
Architect—Bliss & Fairweather, Balboa Building.
Lessee—International Mercantile Marine.
Contractor—H. S. Meinberger, 956 Folsom Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Miscellaneous and Ornamental Iron—Arkne Iron Works, 780 Brannan.
Structural Steel—Schrader Iron Wks. 1247 Harrison St.

Plans Being Figured.
STORE Cost, $——
PACIFIC GROVE, Monterey Co., Cal.
No. 561 Lighthouse Avenue.
Two-story store building, firproof structure.
Owner—Fred Cope, Pacific Grove.
Architect—Robert Stanton, Carmel.

Sub-Contracts Awarded.
ALTERATIONS, ETC. Cost, $35,000
STOCKTON, San Joaquin Co., Calif.
Weber Ave. and San Joaquin St
Alterations and additions to five-story store and office bldg.; stores on ground floor (work involves painting, decorating, installing new elevators, new linoleum, venetian blinds, terra cotta entrance, etc.)
Owner—Belding Estate
Architect—Not Given.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Fracisco.
Tile — American Art Tile Co., 231 Franklin St., San Francisco.
Terra Cotta—Gladding, McBean & Co. 660 Market St., San Francisco.
As previously reported, mill work awarded to Union Planing Mill, 735 S. Sutter St., Stockton; painting to D. Zelinsky, 165 Grove St., San Francisco.

Segregated Bids Being Taken.
REMODEL BLDG. Cost, $15,000
SACRAMENTO, Sacramento Co., Cal.
Tenth Street bet. I and J Sts.
Remodel seven-story office building (recently damaged by fire).
Owner—West Coast Life Insurance Company.
Architect—S. Helman, 605 Market St San Francisco.
Mr. Helman will act as manager of construction. Segregated bids are being received from Sacramento contractors and material men, only.

Sub-Contracts Awarded.
ALTERATIONS Cost, $2850
SAN FRANCISCO, No. 140 New Montgomery Street.
Alterations to cafeteria.
Owner—Pacific Telephone & Telegraph Co., 444 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren & Swinerton, Inc., 225 Bush Street.
Ceramic Tile—Art Tile & Mantel Co., 221 Oak Street.
Lathing and Plastering—Peter Bradley, 639 Brannan St.
Electric—Chas. Langlais, 472 Tehama Street.
Miscellaneous Iron—Industrial Ornamental Iron, Bronze and Wire Works, 552 Noe St.
Painting — Raphael Co., 270 Tehama Street.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Finish Hardware — Palace Hardware Co., 581 Market St.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, 431-45-47 Sutter.
Alterations to office building.
Owner—Pacific Gas and Electric Co., 245 Market Street.
Architect—Not Given.
Contractor—F. R. Siegrist, 604 Mission Street.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO, No. 2281 Chestnut Street.
Alterations to store, offices and flats.
Owner—Dr. Clayton and M. Stacy.
Architect—Not Given.
Contractor — Hamilton Co., Ltd., Hearst Bldg., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, No. 145 Valencia Street.
Alterations to brick Salvation Army Quarters (change partitions, new plumbing and ventilating system, painting, plastering, etc.)
Owner—Salvation Army, Premises.
Architect—D. D. Stone, 110 Sutter St. San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Structural Steel—Western Iron Wks., 151 Beale Street.
Concrete Materials — San Francisco Materials Co., 3070 23rd St.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts.
Brick and Cement — San Francisco Materials Co., 3070 23rd St.

17— THEATRES

Construction To Start Immediately.
ALTERATIONS Cost, $50,000
VALLEJO, Solano Co., Cal. 329 Virginia Street.
Alterations to building for theatre (sound equipment, etc.)
Owner—Wm. and George Guhl and H. L. Frudenberg, Vallejo.

Architect—Jas. Narbett, 466 31st St., Richmond.
tucky St., Vallejo.
Contractor—Geo. Barenchi, 921 Ken-

Contract Awarded

THEATRE Cost, $80,000
ALAMEDA, Alameda Co., Cal. Central and Park Avenue.
One-story reinforced concrete Class C theatre (to seat 1000).
Owner—A. E. Levin, George Oppen, et al, 745 Clement St., San Francisco.
Architect—S. Chas. Lee, 2404 W 7th St., San Francisco.
St., Los Angeles.
Contractor—Cahill Bros., 206 Sansome

18—WHARVES & DOCKS

CONTRACT AWARDED

SAN FRANCISCO.—Malott & Peterson, 20th and Harrison Streets, at $11,448 awarded contract by the State Board of Harbor Commissioners for reroofing following piers. Frank C White, engineer:

(1) 840 squares, mineral surf. roofing on Pier 17 (per square);
(1a) do, total;
(2) 920 squares asphalt gravel roofing on Pier 33 (per square);
(2a) do, total;
(3) 212 squares, asphalt gravel roofing on Pier 33 (per square);
(3a) do, total;
(4) grand total.

Malott & Peterson, (1) $6.28; (1a) $5,275; (2) $4.20; (2a) $2,864; (3) $7.40 (3a) $2,308.80; (4) $11,448.

J. W. Bender Roofing Co., (1) $4.80 (1a) $4,032; (2) $6.10; (2a) $5,612; (3) $6.30; (3a) $1,965.60; (4) $11,609.60.

Alta Roofing Co., (1) $5,10; (1a) $4,284; (2) $6.30; (2a) $5,796; (3) $5.05; (3a) $1,575.60; (4) $11,644.60.

SEEK FUNDS

VALLEJO, Solano Co., Calif.—City of Vallejo has filed an application with the PWA for a grant in amount of $40,000 to assist in financing construction of a yacht harbor in Vallejo. Preliminary plans prepared by H. J. Brunnier, structural engineer, Sharon Bldg., San Francisco. Total cost of the project is estimated at $93,000.

19—MISC. CONSTRUCTION

BIDS WANTED

PHOENIX, Ariz.—Until August 28, bids will be received by Phoenix city commission for the construction of a stadium and baseball park on South Central Ave., Phoenix. Cost of the park and stadium, the latter to be a steel and concrete structure, will total about $35,000.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $7469.25 awarded contract by Metropolitan Water District for furnishing and erecting steel structures for the Berdoo aggregate plant, Riverside County; Spec. No. 117.

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif.—Consolidated Steel Corp., Ltd., Slauson and Eastern Avenues, Los Angeles, at $4641.33 awarded contract by the Metropolitan Water District for furnishing and erecting steel structures for the Fan Hill batching plant, Riverside County; Spec. No. 118.

COMPLETE BIDS

LOS ANGELES, Cal.—Pacific Coast Steel Corp., Slauson Ave. and Downey St., Los Angeles, submitted the low bid to the Metropolitan Water District, Los Angeles, August 20 (as previously reported), for furnishing steel towers for 230-kv. transmission line, 237 miles in length, to be built between Boulder Dam and the Colorado River Aqueduct Pumping Plants. Specifications No. 105. The bids on the individual schedules were:

Schedule No. 1: $429,050.14, using copper conductor.

Schedule No. 2: $402,300.36, using aluminum steel, reinforced.

The bid was priced f.o.b. Los Angeles; no discount, and if sales or use tax is applicable, add 3 per cent.

The other bids were:

Columbia Steel Co., San Francisco—f.o.b. Pittsburgh, Pa. — Schedule 1, $445,960; Schedule 2, $122,824. No discount.

Consolidated Steel Corp., Ltd.—f.o.b. Los Angeles—Schedule 1, $482,290.76; Schedule 2, $453,665.61. No discount. Add sales or use tax if applicable.

Emsco Derrick & Equipment Co., Los Angeles—f.o.b. 6811 Alameda St., Los Angeles—Schedule 1, $528,359.64; Schedule 2, $493,218.38; No discount.

Pacific Iron & Steel Co., Ltd., Los Angeles—f.o.b. 116th and Alameda Sts., Los Angeles—Schedule 1, $616,980.91; Schedule 2, $564,443.78. No discount. Add sales tax if applicable.

Fritz Ziebarth, Long Beach—f.o.b. Milwaukee, Wis.—Schedule 1, $637,807; Schedule 2, $603,194. Discount: ½ of 1% 10 days; ¼ of 1% 20 days. Sales or use tax to be added if applicable. If awarded Schedule 1 of Specifications 104, together with Schedule 1 of Specifications 105, deduct 2½% from all unit prices of all items under both proposals. If awarded Schedule 2 of Specifications 104, together with Schedule 2 of Specifications 105, deduct 2½% from all unit prices of all items under both proposals.

BIDS WANTED

SAN FRANCISCO—Until August 2:30 P. M., bids will be received by the Department of Public Wo Room 251, City Hall, for furnish and installing one plunger type elevator in the orchestra pit at the Veterans' Bldg., Civic Center. Estimated cost, $8,000.

Plans and specifications may be tained from Chas. Sawyer, City chitect, City Hall, upon deposit $10.00.

GENERAL CONTRACT AWARDED

PASADENA, Los Angeles Co., —T. A. Allen Constr. Co., 500 Cen Bldg., Los Angeles, awarded gene contract for the erection of a passenger station, one block south the present station at Green St. Raymond Ave., Pasadena, for Santa Fe Railway Co. Plumbing heating bids will be taken within week. Plans by owner's architectu department.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 2:30 P. M., bids will be received Department of Public Works, Ro 251, City Hall, for constructing crete stairway on the south side 22nd Street between Arkansas Wisconsin. Est. cost, $1,550.

Plans and specifications may be tained from J. J. Casey, City Engineer, Room 353, City Hall, upon posit of $10.00.

BIDS WANTED

SACRAMENTO, Cal.—Until Sept. 10 A. M., bids will be received by F. Patterson, Sacramento Coun Clerk, for furnishing and installi one 7-in. thick emergency door co plete, including cutting concrete, st lining, burglar alarm lining, etc.; a

CALIFORNIA-NEVADA — Boulder Power Line — (Dist.)

LOS ANGELES, Calif.—Fritz Ziebarth, 808 Security Bldg., Long Beach submitted the low bid to the Metropolitan Water District, Los Angeles, August 20, at $407,247.71 (using aluminum steel reinforced conductor, the district to furnish the steel for towers) as previously reported, for constructing a 230-kv electric - power transmission line in accordance with Spec. No. 104. The work is located in Clark County, Nevada and in San Bernardino and Riverside Counties, Calif., and comprises the construction of approximately 237 miles of 230-kv steel tower transmission line between the Boulder Dam power plant and Colorado River Aqueduct pumping plants and designated as Gene, Iron Mountain, Eagle Mountain, and Hayfield. Bids were taken as follows:

Schedule 1: With hollow copper conductors, the District to furnish the steel for towers in accordance with the District's design.

Schedule 2: With steel - reinforced aluminum conductors, the District to furnish the steel for towers in accordance with the District's design.

Schedule 3: With hollow copper conductors, the contractor to furnish the steel for towers in accordance with the contractor's design.

Schedule 4: With steel - reinforced aluminum conductors, the contractor to furnish the steel for towers in accordance with contractor's design.

Referring o the tabulation below, the totals will be shown as follows:

Total 1 in each case shows the total omitting items 85b and 85c.

Total 2 in each case shows the total omitting 85a and 85c.

Total 3 in each case shows the total omitting items 85a and 85b.

The bidders follow:

(A) Fritz Ziebarth, Long Beach.
(B) Columbia Steel Co. San Francisco
(C) Alta Electric & Mechanical Co., San Francisco.
(D) W. E. Callahan Co., 226 S. Spring St., Los Angeles, and The Farney Combustion Engr. Co., Dallas, Texas.
(E) Emsco Derrick & Equipment Co., Los Angeles.

Complete total bids were:

	Sched. 1	Sched. 2	Sched. 3	Sched. 4	Alternate Sched. 3	Alternate Sched. 4
A—(1)..	$429,830.00	$407,246.71	$ 887,133.80	$ 818,538.09	$ 938,939.21	$ 875,190.60
A—(2)..	429,830.00	407,246.71	887,133.80	818,538.09	938,939.21	875,190.60
A—(3)..	472,490.00	408,996.71	929,793.80	820,288.09	980,414.21	876,690.60
B—(1)..	.....	.....	942,376.82	870,642.23	.....	.....
B—(2)..	.....	.....	942,376.82	870,642.23	.....	.....
B—(3)..	.....	.....	942,376.82	870,642.23	.....	.....
C—(1)..	503,116.18	479,430.01	970,098.03	911,231.25	.....	.....
C—(2)..	503,116.18	479,430.01	970,098.03	911,231.25	.....	.....
C—(3)..	526,685.83	480,263.51	993,667.68	912,064.75	.....	.....
D—(1)..	578,152.50	540,333.52	1,065,494.56	994,104.77	.....	.....
D—(2)..	578,152.50	540,333.52	1,065,494.56	994,104.77	.....	.....
D—(3)..	589,528.50	504,333.52	1,076,890.56	994,104.77	.....	.....
E—(1)..	745,091.13	685,874.61	1,194,677.50	1,123,611.62	1,207,708.81	1,133,480.95
E—(2)..	745,091.13	685,874.61	1,194,677.50	1,123,611.62	1,207,708.81	1,133,480.95
E—(3)..	745,091.13	685,874.61	1,194,677.50	1,123,611.62	1,207,708.81	1,133,480.95

necting door to burglar alarm sys-
, etc., for the County Treasurer's
ce. Plans and specifications may
obtained from above office upon
osit of $10.00.

s Rejected—Plans To Be Revised.
TATORIUM Cost, $75,000
YWARD, Alameda Co., Cal. Hay-
ward Memorial Park.
nforced concrete natatorium (60 ft.
wide, 33⅓ meters long; children's
pool, 60x60 ft.) tile scum gutter.
iner—City of Hayward.
hitect—Jas. Narbett, 474 31st St.,
Richmond, and Geo. P. Simonds,
192 Main St., Hayward.
nctural Engineer — Walter Huber,
Crocker First National Bank Bldg.
San Francisco.
chanical Engineer—Leland & Ha-
ley, 58 Sutter St., San Francisco.
Plans will be revised and new bids
ked at a later date.
n bid opening low bids were sub-
tted as follows:
neral Work—Frank J. Reilly, 6350
Fulton St., San Francisco, $76,231
echanical Work—Scott Company, 243
Minna St., San Francisco, $22,179.
lectrical Work—Spencer Electric Co.,
2059 Webster St., Oakland, $2,709
uipment—Trask & Squiera, 39 Na-
toma St., San Francisco, $1,642.70.
Complete bids published Aug. 8.

IDS OPENED
CONTRA COSTA COUNTY, Cal.—
llowing high bids received by State
vision of Highways, Jno. H. Skeggs
strict Engineer, 500 Sansome Street,
n Francisco, for sale of various
uildings located in Albany, Rich-
ond Annex Addition and El Cerrito:
Item C-30: 708 Pierce St., Albany,
lameda County. Three - room and
asement stucco dwelling with 850 sq.
. floor space. Available Sept. 10.
Joe Vila, 1207 Solano Ave., Albany.
01.50.
Item CC-22: 715 Central Ave., Rich-
hond Annex Addition, Contra Costa
o. Four-room frame dwelling with
70 sq. ft. floor space; garage 160 sq.
. Available Sept. 15.
Margaret L. Gately, 4849 Cypress
ve., Richmond, $351.05.
Item CC-38: 2716 San Joaquin St.,
Richmond Annex, Contra Costa Co.
Two-room frame dwelling with 50 sq.
t. floor space. Available Sept. 15.
No bids received.
Item CC-47: South side Fresno Av-
nue, 75 ft. each San Joaquin Ave.,
Richmond Annex, Contra Costa Co.
Frame garage with 160 sq. ft. floor
pace. Available Sept. 1.
No bids received.
Item CC-73: 101 Modoc St., Rich-
mond Annex, Contra Costa Co. Four-
room and basement frame dwelling
with 880 sq. ft. floor space; sheds 900
sq. ft. Available Sept. 15.
Joe Vila, 1207 Solano Ave., Albany.
$126.00.
Item CC-160: 6010 Cypress Street, El
Cerrito, Contra Costa Co. Four-room
frame dwelling with 770 sq. ft. floor
space. Garage not included. Avail-
able Sept. 15.
Joe Vila, 1207 Solano Ave., Albany,
$130.00.
Item CC-160A: 6003 Cypress Street,
El Cerrito, Contra Costa County. Five
room frame dwelling with 790 sq. ft.
floor space; garage 180 sq. ft. Avail-
able Sept. 15.
Joe Vila, 1207 Solano Ave., Albany.
$211.00.
Item CC-160B: 6009 Cypress Street,
El Cerrito, Contra Costa County. Five
room frame dwelling with 790 sq. ft.
floor space; garage 180 sq. ft. Avail-
able Sept. 15.
Joe Vila, 1207 Solano Ave., Albany.
$216.00.
Item CC-176: 1769 San Pablo Ave.,
El Cerrito, Contra Costa Co. Three-
room frame dwelling with 600 sq. ft.
floor space. Sheds 400 sq. ft. Avail-
able Sept. 15.
No bids received.

Bids In—Held Under Advisement.
MORTUARY Cost, $—
MODESTO, Stanislaus Co., Cal. Six-
teenth and I Streets.
Two-story and basement wood frame,
concrete and tile mortuary (six-
teen rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe,
5905 Keith St., Berkeley.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
LOS ANGELES, Cal.—Bids for fur-
nishing electrical conductor, connec-
tor, repair sleeves, suspension strain
clamps, armor rods, etc., for the 230-
kv. transmission line between Boul-
der Dam and Colorado RiverAgue-
duct pumping plant, in accordance
with Spec. No. 103, were opened by
the Metropolitan Water District, Los
Angeles, August 20. Bids were sub-
mitted for hollow copper and for steel
reinforced aluminum conductor.
Bids were taken on the following
items:

SCHEDULE 1

(1a) 582,000 ft. copper conductor fob cars Boulder City;
(1b) 162,000 ft. do fob Nipton, Calif.;
(1c) 3,090,000 ft. do fob Colton, Calif.
(2) 3483 suspension clamps for copper conductor fob cars Colton;
(3) 174 strain clamps for copper conductor fob cars Colton;
(4) 840 connectors fob cars Colton, Nipton and/or Boulder City.

SCHEDULE 2

(1) 3,668,000 l.f. steel reinf. aluminum conductor fob cars;
(2) 2577 suspension clamps for use with ACSR conductor fob cars;
(3) 174 strain clamps for use with ACSR conductor fob cars;
(4) 2577 sets of armor rods for use with ACSR conductor fob cars;
(5) 5328 vibration dampers for use with ACSR conductor fob cars;
(6) 120 do for use with ½-in. high strength galv. steel strand fob cars;
(7) 1070 conductors for ACSR conductor fob cars;
(8) 100 repair sleeves for ACSR conductor fob cars.
(1) 166,000 ft. copper conductor fob cars at Colton;

SCHEDULE 3

(2) 138 suspension for copper conductor fob cars Colton;
(3) 18 strain clamps for copper conductor fob cars at Colton.
(4) 35 connectors fob cars at Colton

The total bids were:

(A) Phelps-Dodge Copper Products Co., 40 Wall St., New York City: Schedule 1, $851,823.80; Schedule 2, no bid; Schedule 3, $39,137.94; discount, ½ of 1% 10 days. Weight: Sch 1, item (1a) 937,020 lbs.; item (1b) 260,820 lbs., item (1c) 4,974,900 lbs.; Schedule 3, item (1) 267,260 lbs. Reels $75.00.

(B) General Cable Corp., 3600 Olympic Blvd., Los Angeles: Schedule 1, $851,823.81; Schedule 2, no bid; Sched 3, $39,137.93. Discount, ½ of 1% 10 days. Weight: Sched. 1, item (1a) 888,714 lbs., item (1b) 247,374 lbs., item (1c) 4,718,430 lbs.; Sched. 3, item (1) 253,482 lbs. Reels, $75.00.

(C) Columbia Steel Co., 235 Montgomery St., San Francisco (bidding on aluminum): Schedule 1, no bid; Schedule 2, $625,943.44; Schedule 3, no bid. Discount, ½ of 1%. Weight: Sch. 2, item (1) 4,123,900 lbs. Reels, $20.

(D) Anaconda Wire & Cable Co., 385 E. 2nd St., Los Angeles: Schedule 1, $851,823.80; Sched. 2, no bid. Sched. 3, $39,137.94. Discount, ½ of 1%. Wt.: Sched 1, item (1a) 937,020 lbs., item (1b) 260,820 lbs., item (1c) 4,974,900 lbs.; Sched. 3, item (1) 257,300 lbs.

(E) Columbia Steel Co. (bidding on copper conductor): Schedule 1, $851,-823.90; Schedule 2, no bid; Sched. 3, $39,137.89. Discount, ½ of 1%. Wt. Schedule 1, item (1a) 902,100 lbs., item (1b) 251,100 lbs., item (1c) 4,789,500 lbs.; Schedule 3, item (1) 257,300 lbs.

(F) Aluminum Co. of America, 1205 Western Pacific Bldg., Los Angeles: Schedule 1, no bid; Schedule 2, $625,-943.44; Schedule 3, no bid. Discount ½ of 1%. Weight: Schedule 2, item (1) 4,009,924 lbs.

The unit bids were:

(A) Schedule 1 (1a) $.1338; (1b) $.137402; (1c) $.135651; (2) $2.75; (3) $6.58; (4) $6.00. Schedule 3 (1) $.14214 (2) $3.45; (3) $8.25; (4) $15.00.

(B) Schedule 1 (1a) $.141075; (1b) $.144868; (1c) $.143024; (2) $2.75; (3) $6.58; (4) $6.00. Sched. 3 (1) $.149866; (2) $3.45; (3) $8.25; (4) $15.00.

(C) Schedule 2 (1) $.1466; (2) $2.95; (3) $9.48; (4) $4.69; (5) $2.22; (6) $1.34 (7) $4.43; (8) $1.39.

(D) Schedule 1 (1a) $.1338; (1b) $.137402; (1c) $.135651; (2) $2.75; (3) $6.58; (4) $6.00. Schedule 3 (1) $.14214 (2) $3.45; (3) $8.25; (4) $15.00.

(E) Schedule 1 (1a) $.13898; (1b) $.142719; (1c) $.140902; (2) $2.75; (3) $6.58; (4) $6.00. Sched. 3 (1) $.147642; (2) $3.45; (3) $8.25; (4) $15.00.

(F) Schedule 2 (1) $.1466; (2) $2.95; (3) $9.48; (4) $4.69; (5) $2.22; (6) $1.34 (7) $4.43; (8) $1.39.

BIDS OPENED
OAKLAND, Calif. — Following bids received by East Bay Municipal Utility District for furnishing crushed quarry rock for roads at the Orinda Filter Plant. Proposal No. 683.

(1) 400 tons crushed rock;
(2) 100 tons rock screenings;
(3) 72 tons crushed rock birdseye;
(4) 1800 tons quarry fill;
(5) total.

Hutchinson Co., 329 17th St., Oakland	(5)	$2 660.40
Rock Gravel & Truck Co.	(5)	3,123.60
Acme Bldg. & Mts. Co.	(5)	3,354.00
Charles Hughes	(5)	3,722.40
Transit Concrete Co.	(5)	3,722.40
Rhodes Jamieson Co.	(5)	3,722.40
Blake Brothers	(4)	1,155.40
W. H. Hauser	(4)	1,710.00

CONTRACTS AWARDED
FRESNO, Cal.—Contracts awarded by Lieut. Geo. T. Stump, Purchasing and Contracting Officer, Fresno Dist. CCC, for furnishing building materials under Bid No. 5905-36-6 as follows:

Lumber—Standard Lumber & Mill Co. 1710 Blackstone Ave., Fresno. $178.52.
Wall Felt—Maisler Bros. Lumber Co., 2244 Railroad Ave., Fresno. $83.30.
Hardware — Fisher-Glassford Hardware Co., Fulton and Merced Sts. Fresno. $24.60.

BIDS OPENED
OAKLAND, Calif. — Following bids received by East Bay Municipal Utility District for (1) 300 ¾-in. brass service stops, and (2) 1500 ¾-in. brass corporation stops. Proposal No. 675.

James Jones Company	(1)	$ 870
	(2)	645
Mueller Company	(1)	930
	(2)	690
Oakland Plbg. & Sup. Co.	(1)	1,170
	(2)	825
Hayes Mfg. Co.	(1)	1,725
	(2)	847
American Brass & Cop. Co.	(1)	1,188
	(2)	924
A. P. Smith Company	(1)	2,688
	(2)	1,095

Bids held under advisement

BIDS OPENED

LOS ANGELES, Calif.—Seven firms submitted identical bids to the Metropolitan Water District for furnishing reinforcing steel for use in the construction of the Colorado River Aqueduct, Spec. No. 109. The bidders and schedules upon which they bid were:

Security Materials Co.: Schedules 9 and 10.

Consolidated Steel Corp.: Schedules 11, 12, 13, 14, 15 and 16.

J. W. Black Co., Ltd.: Schedule 13.

Concrete Engr. Co., Inc.: Schedules 9, 10, 11, 12, 13, 14, 15 and 16.

Soule Steel Co.: Schedules 9, 10, 11, 12, 13, 14, 15 and 16.

Truscon Steel Co.: Schedules 9, 10, 11, 12, 13, 14, 15 and 16.

Blue Diamond Corp.: Schedules 9, 10, 11, 12, 13, 14, 15 and 16.

There were no bids on Schedules 1 to 8 inclusive, fob plants or mills

SCHEDULE 9

Deformed rail-steel concrete reinforcement bars, cut to length, fob cars at specified railroad sidings, prior to July 1, 1936—23,300 tons.

Base price	$1,196,556.00
Addnl. for size differential	12,215.80
Subtotal	1,208,771.80

SCHEDULE 10

Deformed rail-steel concrete reinforcement bars, cut to length, delivered cars at specified railroad sidings, prior to Jan. 1, 1939—34,610 tons.

Base price	$1,764,961.80
Addnl. for size differential	15,470.60
Subtotal	1,780,432.40

SCHEDULE 11

Deformed hard grade billet - steel concrete reinforcement bars, cut to length, delivered fob cars at specified railroad sidings, prior to July 1, 1936—23,300 tons.

Base price	$1,268,553.00
Addnl. for size differential	12,215.80
Subtotal	1,280,768.80

SCHEDULE 12

Deformed hard grade billet - steel concrete reinforcement bars, cut to length, delivered fob cars at specified railroad sidings, pior to Jan. 1, 1939—34,610 tons.

Base price	$1,871,906.70
Addnl. for size differential	15,470.60
Subtotal	1,887,377.30

SCHEDULE 13

Deformed and plain intermediate grade billet-steel concrete reinforcement rods and bars, and for cutting and bending same, delivered fob cars at specified railroad sidings prior to July 1, 1936—12,550 tons.

Base price	$ 680,210.90
Addnl. for size differential	6,612.60
" for cutting & bending	29,149.00
Subtotal	715,972.50

SCHEDULE 14

Deformed and plain intermediate grade billet-steel concrete reinforcement rods and bars, and for cutting and bending same, delivered fob cars at specified railroad sidings prior to Jan. 1, 1939—23,000 tons.

Base price	$1,231,730.60
Addnl. for size differential	7,846.60
" for cutting & bending	50,078.60
Subtotal	1,289,657.80

SCHEDULE 15

Deformed modified - intermediate grade billet-steel concrete reinforcement bars of from ¾-in. round to 1¼-in. square sizes and fabricating same into circular hoops of from 108- to 208-in. in dia., delivered fob cars at specified railroad sidings, prior to July 1, 1936—24,470 tons.

Base price	$1,298,056.90
Add'l. for cutting, bending	176,428.70
Addnl. for welding	51,780.52
Addnl. for testing welds	5,562.00
Subtotal	1,531,828.12

SCHEDULE 16

Deformed modified - intermediate grade billet-steel concrete reinforcement bars of from ¾-in. round to 1¼-in. square sizes and fabricating same into circular hoops of from 108- to 208-in. in dia., delivered fob cars at specified railroad sidings, prior to Jan. 1, 1939—26,180 tons.

Base price	$1,390,043.20
Add'l. for cutting, bending	188,757.80
Addnl. for welding	56,906.82
Addnl. for testing welds	6,180.00
Subtotal	1,641,887.82

Sales tax or use tax, if applicable, included in the above prices, but will be billed and collected separately.

Discounts, ½ of 1% on base price of $49 new billet steel and $46 rail steel base prices if paid 10 days after shipment.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing approximately 50,000 suspension insulators for 230-kv transmission line, in accordance with Spec. No. 102, were opened by the Metropolitan Water District, August 20.

The bids were:

Cook-Nichols Co., 300 S. Fair Oaks, Pasadena: (1) $1.776 each; total $88,800; no discount, net 30 days. Price does not include sales tax, add 3% if applicable. "Pinco" insulators.

L. B. Marsh, 1290 Gaviota Avenue, Long Beach: (1) $1.776; total $88,800. No discount. Price does not include sales tax, add 3% if applicable. "Pinco" insulators.

Joslyn Co. of California, 5100 District Blvd., Los Angeles: (1) $1.776; total $88,800. Price does not include sales tax, add 3% if applicable. "Pinco" type. No discount.

General Electric Supply Corp., 385 E 2nd St., Los Angeles: (1) $1.776; total $88,800. Price does not include sales tax. "Locke" type. No discount.

Westinghouse Elec. & Mfg. Co., 420 S. San Pedro St., Los Angeles: (1) $1.776; total $88,800. Price does not include sales tax. No discount.

Lapp Insulator Co., Troy, N. Y.: (1) $1.776; total $88,800. No discount. Sales tax not included.

Graybar Electric Co., 2nd and Santa Fe Ave., Los Angeles: (1) $1.776; total $88,800. "Thomas" type insulator. No discount. Sales tax not included.

Ohio Brass Co., 508 Subway Terminal Bldg., Los Angeles: (1) $1.7[illegible] total, $88,800. No discount. Sales [illegible] to be added if applicable.

CONTRACT AWARDED

OAKLAND, Cal.—Following awa[illegible]ed contracts by East Bay Munici[illegible] Utility District for furnishing crush[illegible] quarry rock for roads at the Orin[illegible] Filter Plant. Proposal No. 683.

(1) 480 tons, crushed rock, Ac[illegible] Building Materials Co., Oakland, $1[illegible] per ton.

(2) 100 tons rock screenings, Ac[illegible] Building Materials Co., Oakland, $1[illegible] per ton.

(3) 72 tons crushed rock birdse[illegible] Blake Bros., Balboa Bldg., San Fra[illegible]cisco, $1.95 per ton.

(4) 1800 tons quarry fill. Hutchins [illegible] Co., 329 17th St., Oakland, $.81 [illegible] ton.

BIDS OPENED

SAN FRANCISCO. — D. N. and [illegible] Walter, 562 Mission St., at $4.06 [illegible] yd., submitted low bid to Purchasi[illegible] Department for furnishing carpe[illegible] that may be ordered for the te[illegible] Sept. 1, 1935 to Aug. 31, 1936. Or[illegible] other bid was submitted by W. & [illegible] Sloane at $4.45 per yard. Bids he[illegible] under advisement.

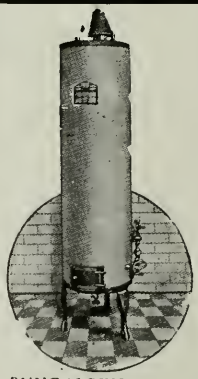
BIDS OPENED

RICHMOND, Contra Costa Co., C[illegible] —Following bids received by Ric[illegible]mond Union School Distict for fu[illegible]nishing the following materials f[illegible] the Roosevelt Junior High School a[illegible]ditorium reconstruction work:

(1) 800 bbls. Portland cement;
(2) 250 yards No. 3 crushed rock;
(3) 125 yards No. 4 crushed rock;
(4) 250 yards Niles sand.

Richmond Navigation and Imp. Co., Richmond	(1)	$2,096.
	(2)	528.
	(3)	264.
2% dis., approx. 10 days	(4)	749.
Golden Gate Stucco Co.	(1)	$2,096.
	(2)	2,256.
	(3)	632.
2% dis., approx. 10 days	(4)	749.
Richmond Supply Co.	(1)	$2,236.
	(2)	535.
	(3)	272.
	(4)	765.

Bids held under advisement



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CALIFORNIA STATE

RESNO, Fresno Co., Calif.—Until August 27, 3 P. M., bids will be received by the State Division of Highways, F. F. Green, Superintendent of Equipment, Shop 6, 645 West Olive Ave., Fresno, for sale of the following used equipment:

C 3867 Automobile, Ford Tudor Sedan, Model A, 1931.

C 4153 Automobile, Ford Touring Model B, 1932.

only Type B, also 4 type E Prestolite tanks.

ems may be inspected at the Shop d.

AN LUIS OBISPO, Calif.—Until August 27, 3 P. M., bids will be received by the State Division of Highways, R. P. Hamlin, Superintendent of Equipment, Shop 5, San Luis Obispo for sale of the following used equipment:

C 78 Mower, Case Model "HV35," with 5-ft. sickle bar.

C 2609 Truck, Federal one - ton, screenside, 1928.

C 2021 Truck, Liberty, with 1000-gal. tank, S. R. tires.

C 103 Bunk wagon, 4-wheels, S. R tires on running gear

only Iron Cots.

iron cots may be inspected at San Luis Obispo maintenance yard; Item C 103 at Atascadero maintenance rd; all other items at San Luis Obispo shop yard.

EUREKA, Humboldt Co., Cal.—Until Aug. 27, 3 P. M., bids will be received by the State Division of Highways, W. H. Pierce, Superintendent of Equipment, Shop 1, Eureka, for sale of the following used equipment:

C 124 Kettle, Asphalt, 110-gal. capacity Littleford, with 110-gallon preheater, mounted on a two-ton trailer.

C 9 Marker for traffic, Simons type B, with engine and compressor.

C 95 Pump, Byron-Jackson 5-in. centrifugal, direct-connected to 50 hp. Cadillac engine, all mounted on skids.

C 405 Tractor, Caterpillar "30".

Items CHC 95 and CHC 9 may be inspected at the Division of Highways yard, Eureka, and the other items at the Willits yard.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until August 29, 2 P. M., bids will be received by U. S. Forest Service, H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing miscellaneous items as follows:

HARDWARE, bolts, dowels, nails, tacks, wire cloth for delivery at Gazelle, Calif.; Bid No. 2841:

PLUMBING Supplies, one lot for delivery at Gazelle; Bid No. 2840;

MILLWORK, one lot for delivery at Gazelle; Bid No. 2837;

ELECTRICAL Supplies, one lot for delivery at Gazelle; Bid No. 2839;

FINISH HARDWARE, one lot for delivery at Gazelle; Bid No. 2842;

LUMBER, one lot of Douglas fir for delivery at Gazelle; Bid No. 2838.

Specifications and proposal blanks on application above.

GOVERNMENT ISLAND, Cal.—Bids will be received by U. S. Forest Service H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing miscellaneous items as follows:

August 26, 2 P. M.

HOSE, Bronze metal, 66 ft. with couplings; Bid No. 2843.

August 30, 2 P. M.

WIRE, 175 miles special iron wire for delivery at Portland; Bid No. 2844.

GRADER BLADES, 24 each 12 feet long; Bid No. 2845.

Specifications and proposal blanks on application to above.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Sept. 3, 11 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 140 l.f. of steel movable telescoping forms for concrete cut-and-cover conduit, in accordance with Spec. No. 122, copies of which may be obtained from the engineer, room 1007, 306 W. 3rd St., Los Angeles, upon payment of $2.00, not returnable. F. E. Weymouth, General Manager and Chief Engineer

LOS ANGELES, Cal.—Until Sept. 3, 2 P. M., bids will be received by the Metropolitan Water District, 306 W Third St., Los Angeles, for furnishing sealing compound and white wash materials for curing concrete, in accordance with Spec. No. 123

The materials required are:

230,000 gals. coal tar pitch cut back;

575,000 lbs. white wash materials with ingredients pre-mixed or separately packaged.

Certified or cashier's check for 10%. Copies of the specifications may be obtained from the engineer, room 1007 306 W 3rd St., Los Angeles, upon payment of $2.00 per set, not returnable. F. E. Weymouth, general manager and chief engineer.

OAKLAND CITY

OAKLAND, Cal.—Until August 29, 9 P. M., bids will be received by W. W. Chappell, City Clerk, City Hall, Oakland, for furnishing lumber to the City of Oakland during the remainder of the fiscal year 1935-36.

Specifications and proposal forms may be obtained from the above office.

Bond in the sum of $1500 to be given by successful bidder as a guarantee for faithful performance of contract.

WAR DEPARTMENT

SAN FRANCISCO — Until August 28, 10 A. M., bids will be received by Quartermaster Supply Officer, Fort Mason, San Francisco, for furnishing 24 Deck Chairs, under Bid No. 928-36-36.

Specifications and proposal form on application to above.

SAN FRANCISCO.—Until Aug. 29, 10 A. M., bids will be received by the Quartermaster Supply Officer, Ft. Mason, San Francisco, for furnishing one portable spray painting outfit; Bid No. 928-36-37.

Specifications and proposal form on application to above.

REDDING, Cal.—Until August 27, 10 A. M., bids will be received by the District Quartermaster, Civilian Conservation Corps., Lieut. T. L. Ricks, Purchasing and Contracting Officer, Redding, for furnishing building materials to be delivered at Camps Southwest and Hackamore. Materials to be purchased include lumber, millwork, hardware, roofing and insulating felt, plumbing and sheet metal, electric materials, cement.

Specifications and proposal forms on application to above and on file at the office of the DAILY PACIFIC BUILDER.

SAN FRANCISCO CITY

SAN FRANCISCO — Until August 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing pipe and fittings for the city of San Francisco for the term, September 1, 1935, to December 31, 1935; Invitation No. 1427

Specifications and proposal blanks on application to above.

SAN FRANCISCO—Until Aug. 28, 11 A. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for sale of (1) 20 tons cast iron; (2) 8 tons wrought iron and wrought steel; (3) ¼ ton brass; Sale No. 130.

Material is located in the San Francisco Water Department Yard, 639 Bryant Street.

Detailed description of items to be sold and proposal forms on application to above.

SAN FRANCISCO—Until September 6, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing galvanized steel pipe nipples for the San Francisco Water Department; Bid No. 1432.

Specifications and proposal blanks on application to above.

NAVY DEPARTMENT

WASHINGTON, D. C.—Until Sept. 3, bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing 60 portable electric drills for Mare Island; Sch. 5761.

Specifications from above and at the Purchasing Office, 100 Harrison St., San Francisco.

WASHINGTON, D. C.—Until Aug. 27, bids will be received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing one 4-wheel type industrial tractor for Oakland, Calif.; Schedule 5746.

Specifications from above and at the Purchasing Office, 100 Harrison St., San Francisco

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until August 26, 2 P. M., bids will be received by U. S. Forest Service, H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing 3 furnaces, cast iron, No. 30-C Sunbeam or equal, to be delivered at Quincy Junction; Bid No. 2832.

Specifications and proposal blank from above.

GOVERNMENT ISLAND, Cal.—Until August 29, 2 P. M., bids will be received by U. S. Forest Service, H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing one 30-ft. steel Lookout Tower to be delivered at Santa Margarita, Calif Bid No. 2836.

Specifications obtainable from Regional Engineer, U. S. Forest Service, 760 Market St., San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

LOS ANGELES, Calif.—Until Sept. 12, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, 808 State Bldg., Los Angeles, for reconstructing portion of a timber bridge across Los Angeles river at Olive St., near Compton, consisting of eight 38-foot truss spans and approximately 96 ft. of trestle, involving:

(1) 1 lot damaged portions of existing bridge to be removed and disposed of;
(2) 180 c.y. struc. excav.;
(3) 156 tons mineral aggregate plant mixed surfacing;
(4) 8 tons liquid asphalt MC-5 or MC-extra heavy plant mixed surfacing
(5) 1 ton liquid asphalt MC-2 prime coat;
(6) 12 M. ft. b.m. redwood timber select all-heart structural grade;
(7) 175 M. bf. b.m. Douglas fir timber
(8) 19,000 lbs. structural metal;
(9) 1 lot misc. items of work.

Specifications available at the above office and on file in the District Engineer offices in San Francisco and Los Angeles. *

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until September 4, 2 P. M., bids will be received by San Benito County Board of Supervisors, Elmer Dowdy, County Clerk, Hollister, for constructing a timber bridge over Dos Picachos Creek on the Jarvis Road in Supervisor District No. 1.

Plans and specifications on file at the office of the County Clerk. Proposal forms on application to County Surveyor A. M. McCray. *

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until September 4, 2 P. M., bids will be received by San Benito County Board of Supervisors, Elmer Dowdy, County Clerk, Hollister, for constructing a timber bridge over Los Viboras Creek on the Comstock Road in Supervisor District No. 1.

Plans and specifications on file at the office of the County Clerk. Proposal forms on application to County Surveyor A. M. McCray.

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until September 4, 2 P. M., bids will be received by San Benito County Board of Supervisors, Elmer Dowdy, County Clerk, Hollister, for constructing a timber bridge over Dos Picachos Creek on the Dooling Road in Supervisor District No. 1.

Plans and specifications on file at the office of the County Clerk. Proposal forms on application to County Surveyor A. M. McCray.

BIDS WANTED

CROCKETT, Contra Costa Co., Cal.—Until September 3, 11 A. M., bids will be received by Contra Costa County Board of Supervisors, Hall of Records, Martinez, for constructing a reinforced concrete bridge at Loring Ave., Crockett. The estimated cost is $2490.

The work involves:
(1) 96.3 cubic yards concrete;
(2) 11,280 lbs. reinforcing steel.

Plans and specifications on application to County Surveyor Ralph A. Arnold, Hall of Records, Martinez.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until August 27, 2 P. M., bids will be received by U. S. Coast Guard, Washington, D. C., for constructing a steel sheet pile bulkhead, approximately 1800 feet in length, boat basin, launch way, timber and concrete anchorage, etc., at the Coast Guard Base 11, Government Island.

Plans and specifications obtainable on application to Commandant, U. S. Coast Guard, Washington, D. C., and on file at the office of Associate Civil Engineer Andre Fourchy, U. S. Coast Guard, 219 Administration Building, Government Island.

A portion of project has been advertised three times previously and bids have been rejected. Previous low bidders: Jan. 5, 1934, M. B. McGowan, San Francisco, $384,790; March 1, 1934, Healy-Tibbitts Constr. Co., San Francisco, $328,000; Dec. 13, 1934, Ben C. Gerwick, Inc., San Francisco, $239,017. * 22

August 16, 1935

CONTRACT AWARDED

SAN DIEGO, Cal.—Hydraulic Dredging Co., Ltd., Central Bank Bldg., Oakland, at $1,216,934 awarded contract by U. S. Engineer, Los Angeles, for dredging about 13,910,000 cubic yards of material in San Diego bay; constructing a retaining dike and making a fill of the dredged material; and for excavation of about 6000 cubic yards of material to provide for an outlet ditch from Whaler's Bight to the Pacific Ocean. * 22

BIDS WANTED

SACRAMENTO, Cal.—Until August 27, 3 P. M., bids will be received by U. S. Engineer, Major A. S. Ackerman, District Engineer, Room 1[illegible] Post Office Bldg., Sacramento, [illegible] furnishing 1000 tons of rip-rap s[illegible] for Wing Dams f.o.b. bidder's [illegible] and/or f.o.b. railroad cars at [illegible]ramento. Proposal No. 1105-36-[illegible]

Specifications and proposal blan[illegible] application to above.

COMPLETE BIDS

OREGON-WASHINGTON— Sie[illegible] Helmer Inc., St. Paul, Minn, at $[illegible] 520 (previously reported) submi[illegible] low bid to U. S. Engineer, Se[illegible] Portland District, Portland, for c[illegible]nel improvements in Columbia R[illegible] from Celilo Falls to Wallula.

The work involves:
(1) 31,000 cu. yds. rock excavatio[illegible]
(2) 73,000 cu. yds. gravel excavat[illegible]

Complete bids follow:
(A) Siems Helmer Inc., St. P[illegible] $346,520.
(B) General Consruction Co., S[illegible]tle, $347,520.
(C) Brookfield Co., Astoria and [illegible] J. Kernan, Portland, $358,55[illegible]
(D) Puget Sound Bridge & Dredg[illegible] Co., Seattle, $362,000.

Unit prices follow:

	(A)	(B)	(C)	(D
(1).....	$9.20	$8.85	$9.80	$1[illegible]
(2).....	84	1.00	.75	[illegible]

BIDS OPENED

SAN DIEGO, Cal. — V. R. Der[illegible] Constr. Co., P. O. Box F, Station [illegible] San Diego, at $18,749 submitted [illegible] bid to Public Works Officer, Eleve[illegible] Naval District, San Diego, for c[illegible]structing an extension to the q[illegible] wall at the Naval Operating B[illegible] (Destroyer Base), San Diego. Spe[illegible]fication No. 8059. The proposed [illegible]tension will be 170 ft. in length, [illegible] will consist of reinforced concr[illegible] precast sheet piles and reinfor[illegible] concrete caps on untreated tim[illegible] bearing piles and timber platfor[illegible] with a creosoted timber fender s[illegible]tem. The bids were taken as follo[illegible]

(1) all work complete;
(2) deduction for the omission of [illegible] entire timber fender system.

The bids were:

V. R. Dennis Constr. Co., San Di[illegible] (1) $18,749, (2) $1250.

M. H. Golden, San Diego—(1) $1[illegible] 850, (2) $1082.

J. A. Hunt, San Diego—(1) $19,[illegible] (2) $1300.

Wm. P. Neil Co., Ltd., Los A[illegible]geles—(1) $20,900; (2) $1025.

Charles and F. W. Steffgen, S[illegible] Diego—(1) $21,000, (2) $1050.

B. O. Larsen, San Diego—(1) $2[illegible] 676, (2) $1400.

George Hess, Los Angeles—(1) $2[illegible] 332, (2) $1000.

Parish Bros., Los Angeles—(1) $2[illegible] 474, (2) $23,074 (apparently total w[illegible] deduction applied).

Ben C. Gerwick, Inc., San Francl[illegible] (1)$26,113, (2) $1150.

Hull, Smale & Ramage, Inc., W[illegible]mington—(1) $29,490, (2) $28,675 ([illegible]parently to'a' with deduction applie[illegible]

BIDS WANTED

PORT TOWNSEND, Wash. — U[illegible] September 16, 1 P. M., bids will [illegible] received by Treasury Dept., Washi[illegible]ton, D. C., for channel protection [illegible] boat basin at the U. S. Quaranti[illegible] Station, Port Townsend.

Plans and specifications may be [illegible]tained from above office and from [illegible] Medical Offier in charge of the S[illegible]tion at Port Townsend.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

DS WANTED

WILSON COVE, San Clemente Is-nd, Cal.—Until Sept. 10, 11 A. M., ls will be received by the Public orks Officer, Naval Operating Base, th Naval District, San Diego, for nstructing a pier at 11th Naval Dis-ct (Wilson Cove), San Clemente land, under Specifications No. 8035. he work includes the furnishing of l materials and labor for pier con-ting of an approach section approx-ately 20 ft. wide by 375 ft. long, d a landing section approximately ft. wide by 210 ft. long. The pier ll be constructed of steel piles, lded steel framing and bracing, d wooden deck structure, together th a wood faced steel pile fender stem for the landing section. A -ton stiff-leg derrick shall be fur-shed and installed as a part of the er. The work will also include the stallation of four breast moorings, e materials for which will be fur-shed by the government at the site ady for installation by the contrac-r.

Plans and other bidding data may obtained from the Public Works ficer, Headquarters, 11th Naval istrict, Foot of Broadway, San Di-o, upon deposit of $10 by check or stal money order payable to the ief of the Bureau of Yards and ocks. J. C. Gebhard, Lieut-Comdr. EC), U. S. N., by direction of Pub-Works Officer.

IDS WANTED

OREGON—Until August 27, 3 P. M., ds will be received by U. S. En-neer, First Portland District, 306 ustomhouse, Portland, for bank earing, grading of river bank and acing approximately 7500 cubic rds of riprap stone over 1750 linear et of river bank, all along the Wil-mette River, Oregan, near Eugene; vitation No. 698-36-58.

Bids will be taken as follows:

) 0.5 A. bank clearing;

) 4000 cu. yds. grading;

) 7500 cu. yds. riprap stone.

Specifications and proposal forms n application to above.

ONTRACT AWARDED

ASH ISLAND BAR, Ore. — Pacific uilding Materials Co., 200 N Thomp-on St., Portland, at $13,870 awarded ontract by U. S. Engineer, First ortland Dist., for dredging a chan-el about 4200 ft. long, 150 ft. wide, nd 3½-ft. deep at low water in the illamette River at Ash Island Bar, bout 52 miles above the mouth of e river.

IDS OPENED

SACRAMENTO, Cal.—Bids received y U. S. Engineer, Capt. A. S. Acker-an, District Engineer, Sacramento, r furnishing and operating clam-hell dredging plant at hourly rates r use in Suisun Bay and the San oaquin and Sacramento rivers and ributary channels; Proposal No. 105-36-19:

I) Rate per hour for time dredge is operating; (Estimated 1250 hours)

II) Rate per hour for time dredge is held idle during usual working hours; (Estimated 139 hours).

III) Mobilization and demobilization of equipment for each job.

Franks Contracting Co., San Fran-isco (I) $19.85; (II) $19.85; (III) $225.

Olympian Dredging Co., San Fran-isco, $23; $23; $250.

25—MACHINERY AND EQUIPMENT

BIDS WANTED

LOS ANGELES, Cal.—Until August 3, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 746, 207 S. Broadway, for furnishing dump truck services during a period of six months beginning with date of award of contract for the department's Mono Basin project, f.o.b. department's Long Valley dam site, Grant Lake dam site or any of the four camps on the Mono Craters tunnel under Specification No. 1756, as follows:

(1) dump truck service, 8 cu. yd. trucks equipped with rock bodies;
 (a) one shift per day;
 (b) two or three shifts per day:

(2) dump truck service, 8 cubic yard trucks equipped with earth bodies;

(3) dump truck service, 10 cubic yard trucks equipped with rock bodies;

(4) dump truck service,12 cubic yard trucks equipped with earth bodies.

CONTRACT AWARDED

OAKLAND, Cal.—Spears Wells Machinery Corp., 1832 9th St., Oakland, at $4315 awarded contract by East Bay Municipal Utility District for furnishing one Tandem Road Roller. Proposal No. 682. * 25

BIDS OPENED

SACRAMENTO, Cal.—Bids received by State Purchasing Agent, Sacramento, for furnishing 300 ampere arc-welder for State Division of Highways (Quotation 4727) as follows:

Herberts-Moore Machinery Co., San Francisco, $1282.03.

Harnischfeger Sales Corp., San Francisco, F&H Hansen. $1312.23

Roberts Equipment Co., San Francisco, Hobart, $1335; $1280 (alternate).

Lincoln Electric Co., San Francisco, Lincoln, $1340.79; $1408.79 (alternate).

Westinghouse Electric and Manufacturing Co., San Francisco, $1387.12.

Victor Equipment Co., San Francisco, General Electric, $1555.

Weber & Co., San Francisco, Universal, $1560.

Weber & Co., San Francisco, Universal, $1560.

Air Reduction Sales Co., Oakland, $1688.70; $1778.70 (alternate) $1773.70 (alternate). *

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, for furnishing one only portable rock crushing and screening plant under Specification No. 1758, as follows:

(1) for one only portable rock crushing and screening plant complete with belt conveyors, bins and necessary attachments:
 (a) f.o.b cars Lone Pine;
 (b) f.o.b. cars bidder's factory;

(1 alt.) for furnishing one slightly used portable rock crushing and screening plant complete with belt conveyors, bins and necessary attachments:
 (a) f.o.b. cars Lone Pine;
 (b) f.o.b. cars bidder's factory.

The plant is for use on the Mono Basin project and delivery is required within six weeks from date of award of contract.

The bids were:

Austin-Western Road Machinery Co. (1a) $19,293, (1b) $18,085; discount, 3% 20 days. Bidder's factory, Aurora, Illinois.

Stephens-Adamson Mfg. Co.—(2b) $18,000; terms net. Factory, Los Angeles

Smith Booth Usher Co.—(1a) $18,380 (1b) $17,430; discount, 3% 30 days. Bidder's factory, Cedar Rapids.

Garlinghouse Bros.—(1a) $17,128.20, (1b) $15,885.18; terms net. Bidder's factory, Minneapolis, Minn. Diamond No. 66.

Standard Steel Works — Alternate bid for used Cedar Rapids plant with vibrating screen not covered by specifications, $9800.

Harron, Rickard & McCone Co. (1a) $18,905, (1b) $17,505, (2b) $15,790; discount, 2% 20 days. Bidder's factory, (1) Minneapolis, Minn., (2) Mina, Nevada.

(1b) $11,322.60; terms net. Bidder's factory, Minneapolis, Minn., Diamond No. 65

Garlinghouse Bros. — (1a) $15,522.

BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Bids received by South San Francisco City Countil for furnishing equipment and operators as required to straighten and confine portions of Colma Creek and Baden Creek:

W. M. Peterson, South San Francisco, for furnishing one 1-yard dragline, $6.88 per hour.

J. S. Baker, Burlingame, for furnishing one 1-yard dragline, $6.88 per hour.

William Trimble, San Francisco, for furnishing one 45-hp. tractor, $5 per hour.

A. Morton, Menlo Park, for furnishing two 4- or 5-yd. trucks, $2.75 per hour.

L. C. Smith, San Mateo, for furnishing one 1¼-yd. gas shovel, $65 per day of eight hours. *

BIDS OPENED

SONOMA AND NAPA COS., Cal.—Bids received by State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for rental of one pneumatic-tired tractor grader for standby intermittent use in Sonoma and Napa Counties (300 hours estimated):

Garcia Constr. Co., 2059 Webster St., Oakland, $3.25 an hour.

Rock & Gravel Trucking Co., 1757 Fourth Ave., Oakland, $4.50 an hour.

Hein Bros. Basalt Rock Co., Petaluma, $5 an hour.

Contract awarded to low bidder.

BIDS OPENED

SAN FRANCISCO—Kratz & McClelland, Inc., 522 Bryant St., San Francisco, submitted only bid received by National Park Service, F. A. Kittredge, Chief Engineer, 409 Underwood Bldg., San Francisco, for furnishing trailers for use in various national parks.

The items were: (1) furnishing two 23-ton trailers on pneumatic tires, $1876, each, f.o.b. La Crosse, Wisconsin or (2) (alternate) two 12-ton trailers on pneumatic tires, $1295, each, f.o.b same. Discount 2%-10. *

BIDS OPENED

YUMA, Arizona—Bids received by U. S. Bureau of Reclamation, Denver, for furnishing at Yuma, Ariz., three 667 Kv-a., single phase, 60-cycle, 33,000/2400-volt transformers, one 34.5 Kv. three-phase lightning arrester; two 34.5 Kv, three-pole,single-throw, gang, operated, air break switches; three 34.5 Kv. expulsion fuses, and one outdoor switching and metering equipment unit, for the Imperial Dam substation, All-American Canal System, Boulder Canyon Project; Spec. No. 704-D:

Item No. 1

Moloney Electric Co., St. Louis, f.o.b Yuma, $8704.

Standard Transformer Co., Warren, Ohio, f.o.b. bidder's shipping point, $7203.85.

Kuhlman Electric Co., Bay City, Mich., f.o.b. bidder's shipping point, $7668; f.o.b. Yuma, $8103.

R. E. Uptegraff Mfg. Co., Fittsburgh, Pa., f.o..b Yuna, $8103.

Pennsylvania Transformer Co., Pittsburgh, Pa., f.o.b. Yuma, $8103.

Wagner Electric Corp., St. Louis, f.o.b Yuma, $8139.

Allis-Chalmers Mfg. Co., Milwaukee, Wis., f.o.b. Yuma, $8103.

Westinghouse Elec. & Mfg. Co. Denver, f.o.b. Yuma, $8103.

General Elec. Co., Schnectady, N. Y., f.o.b. Yuma, $8103.

Item No. 2

Westinghouse Elec. & Mfg. Co., fob Yuma, $966.15.

General Electric Co., f.o.b. Yuma, $966.15

Graybar Electric Co., f.o.b. Yuma. $966.15.

Item No. 3

Westinghouse Elec. & Mfg. Co., Denver, f.o.b Yuma. $566.

General Electric Co., Schnectady, f.o.b. Yuma, $566.

Graybar Electric Co., Denver, f.o.b. Yuma, $566.

Delta-Star Electric Co., Chicago, f.o.b. Yuma, $460.

Gertler Electric Supply Corp., New York City, f.o.b. Yuma, $460.

Pacific Electric Mfg. Corp., San Francisco, f.o.b. Yuma, $566.

Schweitzer & Conrad, Inc., Chicago, f.o.b. Yuma, $596.

Johnson Mfg. Co., Atlanta, Ga., f.o.b. Yuma, $579.

Bowie Switch Co., San Francisco. f.o.b. Yuma, $566.

J. Q. Lalor, Denver, f.o.b. Yuma. $566.

Electrical Engineers Equipment Co., Melrose Park, Ill., f.o.b. Yuma, $566.

Electric Power Equipment Corp., Philadelphia, f.o.b. Yuma, $566; (Alt.) $596

Line Material Co., So. Milwaukee, Wis., f.o.b. Yuma, $566

High Tension Co., Phillipsburg, N. J., f.o.b. Yuma. $500; (alt), $550.

Item No. 4

Westinghouse Electric & Mfg. Co., Denver, f.o.b. Yuma, $384.

General Electric Co., Schnestady, N. Y., f.o.b. Yuma, $157.50.

Graybar Electric Co., Inc., Denver, f.o.b. Yuma, $157.50.

Delta Star Electric Co., Chicago, f.o.b Yuma, $180.

Gertler Electric Supply Corp., New York City, f.o.b. Yuma, $146.61.

Pacific Electric Mfg. Corp., San Francisco, f.o.b. Yuma. $203.

Schweitzer & Conrad, Inc., Chicago f.o.b. Yuma, $146.61.

Johnson Mfg. Co., Atlanta, Ga., f.o.b. Yuma $179.11.

Bowie Switch Co., San Francisco, f.o.b. Yuma, $131.

James Kerney Corp., St. Louis, f.o.b. Yuma, $151.

Item No. 5

Westinghouse Electric & Mfg. Co., Denver, f.o.b. Yuma, $1678.

General Electric Co., Schnectady, f.o.b. Yuma, $1678.

Graybar Electric Co., Denver, f.o.b. Yuma, $1678.

Delta - Star Electric Co., Chicago, f.o.b. Yuma, $1630.

Gertler Electric Supply Corp., New York City, f.o.b. Yuma, $1630.

Pacific Electric Mfg. Corp., f.o.b. bidder's shipping point, $1755.

Condit Electrical Mfg. Corp., Boston, f.o.b. bidder's shipping point, $1860.

Automatic Switch Co., Detroit, Mich. f.o.b. bidder's shipping point, $1225.

Kelman Electric & Mfg. Co., Los Angeles, f.o.b. bidder's shipping point $1100.

28 — FIRE EQUIPMENT

CONTRACT AWARDED

SANTA CRUZ, Calif.—Mack International Motor Truck Corp., 11th and Howard Sts., San Francisco, awarded contract at $6650 by Santa Cruz City Council for furnishing a pumping engine for the fire department, equipment including 1000 feet of hose, ladders, flood lights, etc.

29—STREETS AND HIGHWAYS

LOW BIDDER

MODOC COUNTY, Cal.—Hemstreet & Bell, 501 Eleventh St., Marysville, at $10,200 submitted low bid to State Division of Highways, F. W. Haselwood, District Engineer, Redding, for production of 12,000 cubic yards of crushed gravel for use in Modoc County between Rush Creek and Adin.

CONTRACT AWARDED

SANTA CLARA CO, Cal. — Union Paving Co., Call Bldg., San Francisco, at $29,250 submitted low bid and awarded contract by Santa Clara County Board of Supervisors for constructing 179,000 sq. ft. of asphalt concrete pavement on King Road, between Berryessa Road and Alum Rock Ave. in Supervisor District No. 3.

Complete bids follow:

Union Paving Co., San Francisco, $29,250.

J. W. Desmond, San Jose, $29,810.

A. J. Raisch Paving Co., San Jose, $29,870.

Engineer's Estimate, $28,945.

BIDS WANTED

SACRAMENTO, Cal.—Until Sept. 10 10 A. M., bids will be received by T. F. Patterson, Clerk, Sacramento County Supervisors, for resurfacing Rio Linda Blvd., Sacramento.

Quantities will be available in about one week.

NOTICE TO BIDDERS

STATE OF CALIFORNIA. — State Highway Engineer C. H. Purcell announces cost of blue prints for state highway work now advertised, bids to be opened in Sacramento Sept. 4, and in Los Angeles Sept. 5, as follows:

V-SLO-33-B,C, bet. Estrella River and easterly boundary. Bids to be opened in Sacramento: PLANS (No. of Sheets) 1; no charge.

VIII-SBd - 127 - ABCD, bet. northly boundary and Baker; bids to be opened in Los Angeles: PLANS (No. of Sheets) 1; no charge.

IX-Iny-127-GMNP, bet. Panamint Sink and county line; bids to be opened in Sacramento: PLANS (No. of Sheets) 1; no charge.

Requests for plans, specifications, and proposal forms must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

SACRAMENTO, Cal.—Until Sept. 10 10 A. M., bids will be received by T. F. Patterson, Clerk, Sacramento County Supervisors, for resurfacing Fair Oaks Blvd., Sacramento.

Quantities will be available in about one week.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif — O. G. Ritchie, 154 N. 11th Street, San Jose, at $1,989 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for constructing 45,000 sq. ft. oil macadam surfacing on portions of Railroad and Dillion Avenues in Supervisor District No. 4.

Complete bids follow:

O. G. Ritchie, San Jose	$1,989
A. J. Raisch Paving Co., San Jose	2,080
Irving L. Ryder, San Jose	2,172
Leo F Piazza, San Jose	2,495
Engineer's estimate	2,090

BIDS WANTED

LEWIS CO., Wash.—Until Au 30, 10 A. M., bids will be receiv U. S. Bureau of Public Roads, W. Lynch, District Engineer, 316 Post Office Bldg., Portland, for gr ing and constructing tunnel on miles, Project 4-C2 of Mt. Rainier tional Park, Stevens Canyon high Lewis County, Wash.

The work involves:

(1) 9 acres grubbing;
(2) 160,000 c.y. unclass. excav.;
(3) 234,000 sta. yd. overhaul;
(4) 1.167 miles finishing earth g ed road;
(5) 6,000 c.y. mi. haul and cus haul;
(6) 115 M. ft. B.M. untreated ber in place;
(7) 260 c.y. Class A concrete;
(8) 220 sq. yd. paved culvert inl
(9) 19,500 lbs. reinforcing steel;
(10) 1,600 c.y. masonry;
(11) 710 l.f. culverts (alt.);
(12) 300 l.f. 36-in. reinf. conc. pi
(13) 160 c.y. masonry guard Type 2;
(14) 257 l.f. tunnel excavation;
(15) as required slope stabiliation.

Specifications and proposal fo from above on deposit of $10.

CONTRACT AWARDED

LOS ANGELES COUNTY, Ca Griffith Co., 502 Los Angeles Rail Bldg., Los Angeles, at $39,913 awa ed contract by State Division Highways for paving with asp concrete about 1.4 miles in Los geles county on Sunset Boulev between La Veta Terrace and Sa Monica Blvd.

August 16, 19

CONTRACT AWARDED

MARIN COUNTY, Cal. — Pal Truck Service, Inc., 646 Park A San Jose, at $12,559 awarded cont by State Division of Highways applying seal coat on about 48.9 m in Marin County, between Manza and the northerly boundary.

COITRACT AWARDED

SAN BERNARDINO COUNTY, —C. O. Sparks, 2309 East Ninth Los Angeles at $14,025 awarded c tract by State Division of Highw for applying seal coat on about miles between Barstow and Moun Pass, San Bernardino County.

BIDS WANTED

WHATCOM COUNTY, Wash.— til August 28, 10 A. M., bids wil received by U. S. Bureau of Pu Roads, W. H. Lynch, District E neer, 316 New Postoffice Bldg., P land, Ore., for reconstruction gra 4.620 miles of Project 6-A7, loc within the Mt. Baker National For Whatcom County.

The principal items of work ar

(1) 30 acres clearing;
(2) 27 acres grubbing;
(3) 100,000 c.y. unclass. excav.;
(4) 260,000 sta. yds. overhaul;
(5) 4.620 miles finishing earth-g ed road;
(6) 500 M. gals. watering;
(7) 5 acres roadside cleanup;
(8) 12,000 c.y. mi. overhead;
(9) 212 c.y. Class A concrete;
(10) 19,000 lbs. reinf. steel;
(11) 60 c.y. cement rubble masc headwalls;
(12) 530 l.f. reinforced concrete p
(13) 10,000 l.f. rounding cut slop
(14) 1,500 c.y. loose riprap (Type 2
(15) extra and misc. force acco work;
(16) 1,050 l.f. culverts (alternate)
(17) 3,710 l.f. conc. cribbing stretc
(18) 1,600 l.f. concrete cribbing he ers.

Plans and specifications from al on deposit of $10.

OW BIDDER

SHASTA COUNTY, Cal.—Hemstreet & Bell, 501 Eleventh St., Marysville, $10,469 submitted low bid to State Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 0.1 mile grading and surfacing with road-mix surfacing on crusher run base in the city of Redding between Court and California Streets.

August 16, 1935

ONTRACT AWARDED

RIVERSIDE COUNTY, Calif. — C. O. Sparks, 2309 E Ninth St., Los Angeles, $16,135 awarded contract by State Division of Highways for applying seal coat to existing shoulders on about 66.7 miles in Riverside County between Corona and southerly boundary and between Riverside and Elsinore.

August 16, 1935

DS REJECTED

SAN BERNARDINO CO., Cal.—All bids received August 1 rejected by State Division of Highways on contract for applying seal coat on about 16 miles in San Bernardino County, between Adelanto and Route 58. Low bid submitted by E. L. Yeager, Box 470, San Bernardino, at $10,320.

DS OPENED

BONNEVILLE, Oregon — Warren Northwest Co., Portland, at $6850 submitted low bid to U. S. Engineer, Second Portland District, Portland, for asphaltic concrete paving at Bonneville.

The work involves:

(1) 5000 sq. yds. preparation of subgrade;
(2) 80 cu. yds. crushed rock in place;
(3) 600 tons asphaltic concrete base course in place;
(4) 100 tons asphaltic concrete wearing surface in place;
(5) 50 tons asphaltic concrete non-skid surface in place;
(6) 1500 lin. ft. wooden headers in place.

Complete bids follow:

(1) Warren Northwest Co., Portland, $6850.
(2) Cascade Construction Co., Portland, $8165.

ONTRACT AWARDED

MONO COUNTY, Cal. — Morrison-Hudsen Co., 1121 Title Guarantee Bldg., Los Angeles, at $147,390.20 awarded contract by U. S. Bureau of Public Roads, San Francisco, for grading 6.828 miles grading on Section A, Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

ONTRACT AWARDED

MONO COUNTY, Cal. — Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $70,320.25 awarded contract by U. S. Bureau of Public Roads, San Francisco, for grading 2.2 miles of Section B, Route 81, the Mammoth Lakes National Forest Highway, Inyo National Forest, Mono County.

ONTRACT AWARDED

YAVAPAI COUNTY, Ariz. — Skouren Bros., Albuquerque, N. M., at $3,600.50 awarded contract by U. S. Bureau of Public Roads, San Francisco, for grading about 3.09 miles of Section J, Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Yavapai County, Arizona.

ONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith 5 Ocean Ave., at $33,726.10 awarded contract by Department of Public Works under Spec. No 18,805 for improvement of Army St. between Guerrero Ave. and Bryant St.

BIDS WANTED

SONOMA COUNTY, Cal.—Until September 3, 2 P. M., bids will be received by State Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying Class B seal coat to about nine miles of existing road bed in Sonoma County between the easterly boundary and nine miles westerly.

The work involves:

(1) 115 tons liquid asphalt, 90-95;
(2) 1350 tons screenings.

Plans may be seen and forms of proposal and specifications obtained at the above office.

BIDS WANTED

MARIN COUNTY, Cal.—Until Sept. 10, 11 A. M., bids will be received by Marin County Board of Supervisors, office of the County Clerk, Court House, San Rafael, for applying oil and screenings on portions of various county roads.

The work involves:

(1) 97 tons light oil;
(2) 203 tons heavy oil;
(3) 1920 tons rock;
(4) 960 tons screenings.

Specifications and proposal forms may be obtained at the office of County Surveyor Rodney E. Messner, Court House, San Rafael.

PLUMAS CO.—1.8 Mi. Grade Section B, Route 20—(Govt.)

PLUMAS COUNTY, Cal.—Hemstreet & Bell, 501 11th St., Marysville, at $53,910.30 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 1.823 miles of grading on Section B of Route 20, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

The work involves:

(1) 15 acres clearing;
(2) 26 acres cleanup clearing;
(3) 110,000 c.y. unclass. excav.;
(4) 760 c.y. do for structures;
(5) 35,200 sta. yds. overhaul;
(6) 6,000 c.y. subgrade reinf.;
(7) 7500 c.y. ml. haul do;
(8) 495 l.f. perforated CMP in place;
(9) 136 l.f. 8-in. (asphalt dipped) CGMP;
(10) 598 l.f. 18-in. do;
(11) 654 l.f. 24-in. do;
(12) 48 l.f. 30-in. do;
(13) 150 l.f. 42-in. do;
(14) 8 each Type A spillway inlets;
(15) 7 c.y. Class A concrete;
(16) 25 c.y. Class B concrete;
(17) 700 lbs. reinforcing steel;
(18) 80 c.y. crushed rock or gravel for backfill;
(19) 2000 l.f. remove and reset fence.
(20) 190 l.f. remove & relay or stockpile existing CMP;
(21) 7250 l.f. Type 1 protection ditch;
(22) 44 each right of way monuments
(23) 24 each culvert markers;
(24) extra work, remove and relay existing water line.

Complete bids follow:

(A) Hematreet & Bell, Marysville. $53,910.30.
(B) Frank C. Cuffe, San Rafael, $56,440.74.
(C) M.J.B. Const. Co., Stockton, $57,333.60.
(D) Isbell Const. Co., Reno, Nevada, $66,296.80.
(E) Kennedy Const. Co., Oakland $67,300.30.
(F) Engineer's estimate, $64,822.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$150.00	$200.00	$235.00	$400.00	$250.00	$400.00
(2)	50.00	50.00	120.00	140.00	125.00	50.00
(3)	.33	.354	.31	.39	.41	.40
(4)	1.50	1.30	1.25	1.50	1.00	1.50
(5)	.02	.02	.03	.02	.02	.01
(6)	.30	.30	.50	.50	.60	40
(7)	.20	.18	.20	.20	.15	.20
(8)	1.15	1.10	1.25	1.17	1.25	1.00
(9)	1.25	1.23	1.25	1.18	1.25	1.00
(10)	1.75	1.75	2.45	2.00	2.10	1.75
(11)	2.60	3.00	3.60	3.00	3.50	2.75
(12)	3.75	3.82	4.70	3.40	4.50	3.50
(13)	7.00	6.83	8.70	6.00	7.50	5.50
(14)	15.00	15.00	22.00	15.00	20.00	15.00
(15)	40.00	28.00	31.00	35.00	30.00	30.00
(16)	30.00	28.00	31.00	35.00	30.00	28.00
(17)	.10	.06	.09	.10	.07	.10
(18)	4.00	5.00	6.25	6.00	2.50	3.50
(19)	.10	.12	.18	.07	.10	.10
(20)	1.00	1.00	1.50	1.00	1.00	1.00
(21)	.20	.15	.15	.20	.15	.20
(22)	3.00	3.00	3.00	3.50	3.00	3.00
(23)	2.50	2.00	3.00	4.00	3.00	2.00
(24)	200.00	200.00	200.00	200.00	200.00	200.00

Award to low bidder recommended.

OREGON — BANK PROTECTION — (GOVT.)

OREGON STATE.—Kern & Kibbe, 42 SE Salmon St., Portland, at $32,947.50 submitted low bid to the U. S. Engineer, First Portland Dist., Portland, for bank clearing, bar clearing, grading river bank and constructing approximately 8,630 l.f. of protective gravel fill along the Willamette river, between Eugene and Harrisburg.

The work involves:

(1) 6.1 acres bank clearing;
(2) 28 acres bar clearing;
(3) 1,500 c.y. grading;
(4) 111,000 c.y. protective gravel fill.

Complete bids follow:

(A) Kern & Kibbe, Portland.... $32,947
(B) Kuckenberg-Wittman Co., Inc., Portland 39,840
(C) Parker-Schram Co., Portland 39,880
(D) J. A. Lyons, Portland 43,995
(E) F. J. Kernan, Portland 55,320
(F) Engineer's estimate 45,454

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$75.00	$150.00	$150.00	$200.00	$210.00	$164.40
(2)	75.00	120.00	25.00	100.00	93.00	109.75
(3)	.28	.40	.35	.75	.25	.65
(4)	.27	.315	.34	.35	.46	.364

CONTRACT AWARDED

LINN COUNTY, Oregon—E. L. Gates, McCredie Springs, Oregon, at $95,-861.47 awarded contract by U. S. Bureau of Public Roads, Portland, for construction of 3.279 miles of the North Santiam grading project, located within the Willamette National Forest, Linn County.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch Paving Co., Burrell Bldg., San Jose, at $15,960 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for constructing 309,000 sq. ft. of oil macadam surfacing on portions of Junipero Serra boulevard in Supervisor District No. 5.

Complete bids follow:

A. J. Raisch Paving Co., San Jose	$15,960
Leo F. Piazza, San Jose	16,475
W. O. Tyson, San Francisco	16,678
Engineer's estimate	17,120

BIDS WANTED

SACRAMENTO, Cal.—Until Sept. 10 10 A. M., bids will be received by T. F. Patterson, Clerk, Sacramento County Supervisors, for resurfacing Franklin Blvd., Sacramento.

Quantities will be available in about one week

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until September 5, 3 P. M., bids will be received by State Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center St., Stockton, for paving with asphalt concrete about 200 lineal feet at the Fresno Avenue, grade separation in San Joaquin County, near the City of Stockton.

The work involves:

(1) 15 cu. yds. road excavation unclassified;
(2) 465 sq. yds. subgrade for pavement;
(3) 196 tons asphalt concrete;
(4) 75 sq. yds. asphaltic paint binder;
(5) 22 cu. yds. Class A Portland cement concrete (curbs);
(6) 650 lbs. bars reinforcing steel (curbs);
(7) 200 lin. ft. traffic stripe.

Plans may be seen and forms of proposal and specifications may be obtained on application to above.

BIDS OPENED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal.—Al. W. Simonds, 3427 J St., Sacramento, at $3,604 submitted the low bid to State Division of Highways, L. G. Gibson, District Engineer, San Luis Obispo, for applying about 560 miles of traffic stripe to existing pavement at various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

The work involves:

(1) 560 miles painting traffic stripe;
(2) 160 miles spotting traffic stripe.

Complete bids follow:

(A) Al. W. Simmonds, Sacto.	$3604
(B) S. A. Cummings, San Diego	4020
(C) Edwin Anderson, S. F.	4200

Unit prices follow:

	(A)	(B)	(C)
(1)	$4.55	$4.75	$5.10
(2)	6.60	8.50	8.10

CONTRACT AWARDED

NEVADA AND PLACER COS., Cal.—Harms Bros., 5220 21st Ave., Sacramento, at $35,981.10 awarded contract by State Division of Highways for installing perforated metal pipe culvert on about 3.7 miles in Nevada and Placer Counties, between ½ mile west of Soda Springs and Donner Summit.

BIDS REJECTED

CONTRA COSTA COUNTY, Cal.—Board of Supervisors rejected all bids received August 6 for constructing 1100 ft. approximately of cement sidewalk on Stockton Street, San Pablo. The work will be done by day labor under supervision of County Surveyor R. R. Arnold.

Albany Cement Contractors, Inc., Albany, submitted low bid at $932.77.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Paulsen & March, 8275 Compton Ave., Los Angeles, at $12,318.75 awarded contract by State Division of Highways, for applying liquid asphalt on about 16 miles between Jamul and White Star, San Diego County.

AWARD RECOMMENDED.

BUTTE and Tehama Cos., Calif.—District Engineer C. H. Sweetser, U. S. Bureau of Public Roads, San Francisco, has recommended award of a contract to L. F. Piazza, 296 N Sixth St., San Jose, at $16,939.91 for placing subgrade reinforcement on portions of Sections F and G of Route 21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

CONTRACT AWARDED

EL DORADO CO., Calif. — Harms Bros., 5220 Twenty-first Ave., Sacramento, at $18,626.40 awarded contract by State Division of Highways for installing corrugated metal pipe culverts, perforated metal pipe underdrains and spillway assemblies on about 7.9 miles in El Dorado County, between Kyburz and Strawberry.

BIDS OPENED

LANE COUNTY, Oregon.—Colonial Construction Co., W. 326 First St., Spokane, Wash., at $165,390 (metal pipe alternate) submitted low bid to U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, Portland for grading and advance clearing Project 21-H1, I, Willamette National Forest Highway, Lane County, Ore.

The length of the project is 1.256 miles of grading and 0.657 mile advance clearing.

Complete bids follow:

Colonial Const. Co., Spokane, metal $165,390; concrete, $165,527.

Parker-Schram Co., Portland, $172,-321.35 and $172,779.35.

A. C. Greenwood Co., Inc., Portland, $183,933.30 and $184,878.30.

Sam Orino, Spokane, $192,632.50 and $193,332.50.

P. L. Crooks & Co., Portland, $193,-504.00 and $193,504.00.

Myers & Goulter, Seattle, $198,-082.00 and $198,237.00.

Morrison-Knudsen Co., Inc., Boise, Idaho, $198,197.50 and $198,471.50.

Elliott & Co., Inc., Seattle, $215,-445.40 and $215,885.40.

L. Romano Engr. Corp., Seattle, $216,892.50 and $216,993.50.

Theo. Arenz & Oregon Contr. Co., Portland, $226,136.50 and $226,446.50

McNutt Bros., Eugene, $229,628.30, and $230,003.30.

Kern & Kibbe, Portland, $229,992.-50, and $230,223.50.

Guthrie - McDougall Co., Portland, $232,725.30 and $233,137.30.

BIDS OPENED

TRINITY COUNTY, Calif.—Tiffany Construction Co., 535 N. 7th Street, San Jose, at $5,577 submitted only bid received by State Division of Highways, F. W. Haselwood, District Engineer, Redding, for treating with liquid asphalt about 7.9 miles between Manzanita Creek and Helena in Trinity County.

BIDS OPENED

BUTTE and Tehama Counties, C —L. F. Piazza, 296 N. Sixth St., S Jose, at $16,939.91 submitted low b to Bureau of Public Roads, C. Sweetser, Dist. Engineer, San Fra cisco, for placing subgrade reinforc ment on portions of Sections F a G of Route 21, the Deer Creek Me dows National Forest Highway, La sen National Forest, Butte and T hama Counties.

The length of the project is 9.6 miles.

The work involves:

(1) 1 acre clearing;
(2) 3,000 c.y. unclass. excav.;
(3) 12,000 c.y. subgrade reinf.;
(4) 500 c.y. mi. overhaul;
(5) 100 M. gals. watering;
(6) 550 c.y. structure excavation;
(7) 14 l.f. 36-in. CMP;
(8) 174 l.f. 8-in. CMP;
(9) 1,720 l.f. 8-in. perforated CM
(10) 500 c.y. crushed rock or gra backfill;
(11) 119 each culvert markers;
(12) extra work remove, relay a extend existing CMP culv and remove and relay existi spillway.

Complete bids follow:

(A) L. F. Piazza, San Jose, $16,939.9
(B) Hemstreet and Bell, Marysvi $23,412.35.
(C) Frank C. Cuffe, San Rafael, $2 442.60.
(D) Engineer's estimate, $20,500.50.

Unit prices follow:

	(A)	(B)	(C)	(D
(1)	$325.00	$350.00	$300.00	$600.
(2)	.40	.60	.40	
(3)	.665	1.15	1.37	1.
(4)	.25	.20	.20	
(5)	4.25	2.50	3.00	3.
(6)	3.50	2.50	2.50	2.
(7)	4.61	7.00	7.00	10.
(8)	.75	1.40	1.40	1.
(9)	.75	1.15	1.15	1.
(10)	6.00	6.00	6.00	2.
(11)	3.73	2.45	2.00	2.
(12)	150.00	150.00	150.00	150.

BIDS OPENED

LOS ANGELES CO., Cal.—Oswa Bros., 366 E. 58th St., Los Angele at $9,940 submitted low bid to Sta Division of Highways, S. C. Courte you, District Engineer, 808 State Bld Los Angeles, for about 4.6 miles treating shoulders with liquid asph (road-mix) and applying seal co between Cerritos Avenue and Me cantile Place and Ramona Blvd. a Aliso Street and Fickett Street, L Angeles County.

The work involves:

(1) 50 tons liquid asph., SC-2 (prim coat);
(2) 570 tons liquid asphalt, SC-2;
(3) 47,000 sq. yds. preparing, mixi and shaping shoulders;
(4) 50 tons liquid asphalt, 90-95 (se coat);
(5) 600 tons screenings (seal coat).

Complete bids follow:

(A) Oswald Bros., Los Angeles, $9 940.00.
(B) Basich Bros., Torrance, $10,12
(C) A. S. Vinnell Co., Los Angele $10,298.50.
(D) Paul R. Hughes, Long Bea $10,350.00.
(E) Zimmer Const. Co., Los Angele $10,455.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$8.50	$6.40	$7.55	$9.00	$7.5
(2)	8.50	6.40	7.55	8.05	7.5
(3)	.05	.08	.07	.07	.0
(4)	20.00	16.40	18.35	17.00	18.0
(5)	2.20	2.62	2.35	2.00	2.3

BIDS REJECTED

EL CERRITO, Contra Costa Co Cal.—City Council rejected all bids r ceived for improvement of Cuttin Blvd. from the westerly limit of 1

Cerito to the westerly line of San Pedo Ave. The work will be readvalised.

Pellman & Christ, 711 Richmond St. El Cerrito, at $1303.43 submitted low bid July 30.

BIDS WANTED

SHASTA AND LASSEN COS., Cal. Until September 11, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for applying 19.7 miles armor coat between Fall River Mills and Nobleber, involving:

20 tons liquid asphalt SC - 2 (shoulders);

186 tons asphaltic emulsion 90-95 (armor coat);

5270 tons screenings (armor coat)

2000 tons screenings in stockpiles.

Specifications available at the above office and on file in the District Engineer offices in San Francisco, Los Angeles and Redding. •

CONTRACT AWARDED

OAKLAND, Cal. — Neptune Meter Co., 320 Market St., San Francisco, for $2740.97 awarded contract by East Bay Municipal Utility District for repairing parts of Trident Water Meters. Proposal No. 671. •

CONTRACT AWARDED

OAKLAND, Cal.—East Bay Municipal Utility District awarded a contract to James Jones Company, 201 Leroy Street, Los Angeles, at $870 for furnishing 300, 3.4 inch brass service stops and at $645 for furnishing 1500 inch brass corporation stops.

10—RESERVOIRS & DAMS

PLANS APPROVED

LOS ANGELES, Cal.—Revised plans for San Gabriel Dam No. 1 have been approved by State Engineer Edward Hyatt, and as redesigned the dam will cost $11,570,000. The original contract with West Slope Constr. Co., Box 146, Azusa, was for $8,600,527, but by agreement with the Los Angeles County Board of Supervisors the contractors will receive $289,985.48 in payment of damages incurred by reason of the suspension of quarrying operations.

In accordance with the revised plans, the specifications provide for the use of fine rock from Quarry No. 10. The contractor has agreed to absorb the 15 to 25 per cent more material required. A test suit will be brought in the superior court to determine validity of the supplemental contract under revised plans.

C. H. Howell is chief engineer for the Los Angeles County Flood Control District constructing the dam.

BIDS WANTED

ST. HELENA, Napa Co., Cal.—Until August 27, 8 P. M., bids will be received by St. Helena City Council, E. R. Palmer, City Clerk, for removing 1500 cubic yards of porous material from the Lower Dam of the Municipal Water Supply System and replacing it with clay.

Specifications prepared by City Engineer John A. Mitchell on file with the city clerk. W. L. Huber, 1 Montgomery St., San Francisco, consulting engineer. •

CONTRACT AWARDED

BONNEVILLE, Ore.—Star Iron and Steel Co., Tacoma, Wash., at $96,420 awarded contract by U. S. Engineer, Second Portland District, Portland, for furnishing gantry cranes and lifting beams for Bonneville powerhouse.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Griffith Co., 502 L. A. Railway Building, Los Angeles, at $4,646,856.50 awarded contract by Metropolitan Water District, Los Angeles, for constructing the Cajalco Dam, dyke, diversion and outlet tunnels in accordance with Spec. No. 112.

The work is located about 10 miles southwesterly from the city of Riverside in Riverside County, and due east from Corona. The work comprises the excavation and lining of diversion and outlet tunnels 9 ft. and 14 ft. in diameter, construction of an earth fill dam with a crest length of 2584 ft. and a maximum height of about 194 ft., an earth-fill dike with a crest of 7574 ft., and a maximum height of about 90 ft. and a spillway, outlet tower and bridge supports; and the excavation of an approach channel to the outlet tower. The capacity under the present development will be 100,000 acre feet.

F. E. Weymouth, General Manager and Chief Engineer.

Simultaneously with the announcement of award of contract ,announcement was made by C. E. Bissell, Office Engineer, of the appointment of R. B. Ward, formerly assistant office engineer, as resident engineer on the Cajalco dam project. Mr. Ward, who has been with the district since its organization, was formerly on the engineering staff of the Alaska Railway, and was resident engineer on several dam projects for the Bureau of Reclamation.

BIDS OPENED

RYE PATCH DAM, Nev.—Bids received by U. S. Bureau of Reclamation, Denver, for furnishing five 20x 17-ft. radial gates; two 48-in. dia. welded plate steel outlet pipes and micellaneous metal work consisting of spiral stairways and walkways, roof framing, stair nosings and two 14-in. diameter ventilators for installation in spillway and outlet works of the Rye Patch Dam, Humboldt Nev.; Spec. No. 703-D:

Item No. 1 (Gates)

S. Morgan Smith Co., York, Pa., (fob bidder's shipping point) $6,294.

General Iron & Steel Works, Portland, fob bidder's shipping point) $7,334.00.

California Steel Products Co., San Francisco, (fob bidder's shipping pt.) $5,380.00.

Schrader Iron W'ks, Inc., San Francisco, (fob bidder's shipping point) $5,260.00.

Omaha Steel Works, Omaha, Neb., (fob Rye Patch) $6,150.

Virginia Bridge & Iron Co., Roanoke, Va., (fob bidder's shipping pt.) $5,634.00.

Mississippi Valley Structural Steel Co., Decatur, Ill. (fob bidder's shipping point) $3,942.

Pacific Coast Engr. Co., Oakland, (fob bidder's shipping point) $7,900.

Milwaukee Bridge Co., Milwaukee, (fob bidder's shipping point) $4,785.

Consolidated Steel Corp., Ltd., Los Angeles, fob bidder's shipping point) $4,553.00.

Pacific Car and Foundry Co., Seattle, (fob bidder's shipping point) $4,050.00.

McClintic - Marshall Corp., Bethlehem, Pa. (fob bidder's shipping pt.), $8,303.00.

Minneapolis - Moline Power Implement Co., Minneapolis, (fob bidder's shipping point) $5,255.

Steel Tank and Pipe Co., Berkeley, (fob bidder's shipping point) $5,100.

John W. Beam, Denver, (fob bidder's shipping point) $6,400.

American Bridge Co., Denver, (fob Rye Patch) $5,427.

Ogden Iron Works Co., Ogden, Utah (fob bidder's shipping point) $6,070.

Item No. 2 (Pipes)

S. Morgan Smith Co., York, Pa., (fob bidder's shipping point) $6,830

California Steel Products Co., San Francisco (fob bidder's shipping pt.) $4,697.

Southwest Welding & Mfg. Co., Alhambra, Calif. (fob bidder's shipping point) $5,394.00.

Southern Pipe & Casing Co., Azusa, Cal. (fob bidder's shipping point) $3,991.00.

McClintic - Marshall Corp., Bethlehem, Pa. (fob bidder's shipping pt.), $3,366.00.

Minneapolis - Moline Power Implement Co., Minneapolis, (fob bidder's shipping point) $3,135.00.

Steel Tank and Pipe Co., Berkeley, Cal. (fob bidder's shipping point) $4,120.00.

Hendrie & Bolthoff Mfg. Co., Denver (fob bidder's shipping point) $4,518.00.

Item No. 3 (Misc. Metalwork)

Midwest Steel & Iron Works, Denver, (fob bidder's shipping point) $1,461.00.

Associated Piping and Engr. Co., Ltd., Los Angeles, (fob Rye Patch) $1,899.00.

B. Katchen Iron Works, Irvington, N. J. (fob bidder's shipping point) $1,450.00.

California Steel Products Co., San Francisco (fob bidder's shipping pt.) $1,400.00.

Schrader Iron W'ks, Inc., San Francisco, (fob bidder's shipping point) $1,597.00.

Mississippi Valley Structural Steel Co., Decatur, Ill. (fob bidder's shipping point of bidder) $1,180.00.

Ornamental Iron Works Co., Akron, Ohio, (fob bidder's shipping point) $1,848.

Kohlaand Vick Iron Works, Chicago (fob bidder's shipping point) $1,468.

McClintic - Marshall Corp., Bethlehem, Pa. (fob bidder's shipping pt.), $1,876.00.

John W. Beam, Denver, (fob bidder's shipping point) $1,145.00.

Combination Bids (Items 1 and 2)

S. Morgan Smith Co., York, Pa., (fob bidder's shipping point) $12,990.

Consolidated Steel Corp., Ltd., Los Angeles, fob bidder's shipping point) $8,444.00

BIDS WANTED

YAKIMA, Wash.—Until Sept. 5, 10 A. M., bids will be received by U. S. Bureau of Reclamation, J. S. Moore, Superintendent, Yakima, Wash., for constructing a parapet wall and curb and finishing the crest of the embankment at Cle Elum Dam Yakima Project; Spec. No. 702-D. The work is located near Cle Elum, Washington.

The principal items of work are:

(1) 330 cu. yds. concrete;
(2) 24,700 lbs. placing reinforcement bars;
(3) 1500 lin. ft. electrical conduit;
(4) Excavation, back fill, and finishing for the parapet wall, curb and crest of dam.

Copies of the specifications may be obtained from the office of the Bureau, Yakima or Denver; no charge to prospective bidders; to others 75c. not returnable

ENGINEER APPOINTED

YOLO COUNTY, Cal.—Asa G. Proctor, Woodland, has been appointed engineer to make preliminary surveys for the proposed water conservation district in the vicinity of Winters. Yolo County Board of Supervisors probably will call an election shortly to submit a proposal for creating the district. Earth fill dam on Putah Creek is contemplated as WPA project to cost $14,000 in initial construction program.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—Jesse Burkhart, Adelanto, at $1,007.25 awarded contract by State Division of Highways for drilling a water supply well in San Bernardino Co. at Mountain Pass maintenance station site.

EXTRA WORK AUTHORIZED

SAN FRANCISCO — Pacific Bridge Co. has been authorized by the Public Utilities Commission to reconstruct a portion of the old pipeline across Newark Slough which was damaged by dredging operations recently. The work which includes construction of trestle to support the pipeline, will be included as extra work in the firm's contract for construction of the pipeline across Newark Slough.

BIDS IN

SAN MATEO and Santa Clara Cos., Cal.—Pacific Gas & Electric Co., 245 Market St., San Francisco, announces it has received bids from a selected list of contractors for laying about 45 miles of pipe line between the Milpitas terminal of the Kettleman Hills natural gas supply line and San Francisco county line.

A contract has been awarded Western Pipe & Steel Co., 444 Market St., San Francisco, for fabricating 8600 tons of 22-inch electric welded steel pipe at a cost of approximately $800,000. Total cost of the line is estimated at $1,500,000.

The line is to be laid underground from Milpitas through Sunnyvale and the Stanford University campus and Woodside to a juncture with the Skyline boulevard, thence along the highway route to a point near Junipero Serra boulevard and the county line where it will connect with the existing 26-inch supply line. The new line will supply natral gas to an area not now served and will supplement the supply for the city of San Francisco.

All major work is to be contracted, with work to start in about 30 days. The contract is to be completed about December 1

BIDS WANTED

HUMBOLDT, Nevada—Until Aug. 30, 10 A. M., bids will be received by Manager, Fifth Air Navigation Division District, Salt Lake City, Utah, for drilling a deep well at Humboldt, Nevada, site 28-B, San Francisco-may be obtained from above.

Salt Lake airway; Proposal No. 6790.

Bid information and proposal forms

PLANS MODIFIED

SAN DIEGO, Cal.—The San Diego city council has approved a tentative agreement with the La Mesa Lemon Grove and Spring Valley Irrigation District whereby the city will increase the first eight miles of the line from 36-in. pipe as originally planned, to 48-n. pipe. For this the district will pay the city $130,000. The city recently moved to have the Federal grant at Washington raised from 30% to 45% of the estimated $560,000 cost. The city has a balance of $221,000 in the El Capitan fund and under a 45% grant would still have to provide an additional $36,500. Fred Pyle is the city hydraulic engineer.

BIDS WANTED

OGDEN, Utah.—Until September 4, 10 A. M., bids will be received by the Board of Commissioners, Ogden, for construction of a water supply line from Black Rock Point in Ogden Canyon to the city's reservoirs. Alternative proposals will be received for (1) Combination of reinforced concrete pipe and steel pipe, concrete lined; (2) welded steel pipe; (3) cast iron pipe.

From Black Rock Point to the spillway box the pipe will be 36-in. if of concrete or cast iron, and 38-in. if of welded steel; from overflow box to reservoir of 45- or 48-inch.

The estimated cost is $300,000.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SEAL BEACH, Orange Co., Cal.—Until Sept. 5, 8 P. M., bids will be received by Seal Beach City Council for constructing a sewage treatment plant in accordance with plans prepared by Currie Engineering Co., 219 Andreson Bldg., San Bernardino. The proposed plant will be of the trickling filter, sludge digestion type, estimated to cost about $48,000.

The work will involve:
- 812 c.y. excavation;
- 552 c.y. concrete;
- 2,500 sq. ft. cement finish floors and walls;
- 45,000 lbs. reinf. steel;
- 4,000 brick;
- 16.75 MFBH rough lumber;
  - millwork;
  - steel sash;
  - roofing, tile and composition;
- 75 ft. gal. pipe handrail;
  - miscellaneous iron;
  - painting;
  - plumbing fixtures;
  - cast iron pipe and fittings;
- 3 8-in. gate valves;
- 1 12-in. gate valve;
- 32 ft. 6-in. vitrified sewer pipe;
- 240 ft. 18-in. do;
- 1,008 ft. 12-in. do;
- 100 ft. 24-in. do;
  - vitrified sewer pipe fittings;
- 165 ft. 6-in. tile drain;
- 4,050 ft. 4-in. Plymouth filter underdrains;
- 2 2½-in. galvanized gate valves;
- 4 1½-in. do;
- 1 2½-in. gas check valve;
- 40 ft. 2½-in. galv. pipe & fittings;
- 230 ft. 1½-in. do;
- 80 ft. 2-in. do;
- 150 ft. 1-in. do;
- 20 ft. ¾-in. do;
- 16 ft. 2-in. black iron pipe and fittings;
- 16 ft. 1½-in. do;
- 60 ft. chlorine conduit;
- 155 ft. chlorine hose;
- 1 15-in. dia. butterfly valve;
- 1 12-in. dia. do;
- 3 standard manholes;
- 1 chlorinator;
- 1 500-lb. scale;
- 2 sewage pumps and motors;
- 1 sludge pump and motor;
- 1 hot water pump;
- 1 circulating pump;
  - primary clarifier equipment;
  - switchboard, etc.;
- 1,800 c.y. filter stone;
- 17 c.y. pea gravel;
- 38 c.y. sand;
- 1 sludge-bed glassover;
  - Pump Station "A", inc. 2 sewage pumps, one blower with pumping plant panels, and outlets;
  - Pump Station "B" do.

CONTEMPLATED

LAFAYETTE, Contra Costa Co., Cal.—John S. Bates, 3124 Eton Ave., Berkeley, has made a preliminary survey of sewage system to be constructed for Lafayette and vicinity, including eight miles of sewers and treatment plant. Est. cost, $150,000.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO.—U. S. Pipe a Foundry Co., Monadnock Bldg., $98,406.20 (including state sales ta submitted low bid to T. A. Brool Purchaser of Supplies, for furnishi cast iron water pipe for the City San Francisco under Bid No. 1418.

Complete bids follow:
- (1) 134,000 l.f. 6-in. cast iron wat pipe;
- (2) 15,000 l.f. 8-in. do.

U. S. Pipe & Foundry Co., S Francisco, (1) $0.61; (2) $0.92; Tot $95,540 plus $2,866.20 state sales ta

Grinnel Co. of the Pacific, San Fra cisco (1) $0.625; (2) $0.935; Total $9 775 plus $2,933.25 state sales tax.

American Cast Iron Pipe Co., S Francisco, (1) $0.63; (2) $0.94; Tot $98,520 plus $2,955.60 state sales tax

BIDS OPENED

LOS ANGELES, Cal.—Consolidate Steel Corp., Ltd., Slauson and East ern Aves., Los Angeles, at $4641.3 submitted low bid to the Metropolita Water District, Los Angeles, for fur nishing and erecting steel structure for the Fan Hill batching plant, in ac cordance with Specifications No. 11 The site of the work is at Fan Hil approximately 20 miles northwest c Indio, Riverside County, Calif. Th work to be contracted for comprise the furnishing and erecting of ste bins, chutes, etc., for the Fan Hi concrete aggregate plant. F. E Weymouth, General Manager an Chief Engineer.

The items bid on were:
- (1) Batching building as shown o drawings B-2636 and A-1320 having an estimated weight c 40,000 lbs.;
- (2) One circular cement bin as pe drawing B-2637, having an esti mated weight of 6800 lbs.;
- (3) One aggregate bin (four-compart ment) as per drawing B-2632 having an estimated weight o 17,500 lbs;
- (4) Three gravel chutes and tw sand hoppers as shown on draw ing B-2638, having an estimate weight of 2600 lbs.

Complete bids follow:
- (A) Consolidated Steel Corp., Ltd $4641.33.
- (B) Western Pipe & Steel Co (3% Sales tax if applicable, $113) $4721.50.
- (C) A. J. Bayer Co. (add $75 sale tax), $4918.
- (D) Pacific Iron & Steel Co., Ltd. (Sales tax if applicable is in cluded), $4934.
- (E) Buehler Tank & Welding Work (add $123 sales tax if applicable Add use tax if applicable) $5133
- (F) Lacy Mfg. Co., $5668.20.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$.0689	$.0749	$.0645	$.095
(B)	.0725	.07	.065	.08
(C)	.072	.08	.072	.09
(D)	.074	.07	.07	.105
(E)	.075	.035	.074	.10
(F)	.079	.099	.09	.10

BIDS WANTED

CAMARILLO, Ventura Co., Calif.—Until Sept. 17, 2 P. M., bids will be received by Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento, for constructing services at the Camarillo State Hospital, involving:

Water main, steam and return lines gas lines, sewer and waste systems, electrical services and ground lighting.

Plans and specifications may be obtained from above office upon deposit of $25.00.

IDS WANTED

REDDING, Shasta Co., Cal.—Until gust 29, 2 P. M., bids will be reived by U. S. Forest Service, H. R. rsh, Assistant Supply Office, Government Island, Oakland, for furnish: one Redwood water tank, 10,000-l. capacity to be delivered at Redding; Bid No. 2846.
Specifications and proposal form on plication to above.

O VOTE BONDS

SUISUN, Solano Co., Calif. — City ouncil has set October 7 as the tentive date for an election on proed $22,000 bond issue for reconruction and improvement of the mucipal water system. Application has en filed with PWA for a grant of 5,600 toward the project.
Clyde C. Kennedy, Call Building, San ancisco, is consulting engineer.

ONTRACT AWARDED

SAN FRANCISCO—Chapman Valve fg. Co., 508 Fourth St., San Franco, at $21,547.60 awarded contract T. A. Brooks, Purchaser of Supies, for furnishing gate valves for e San Francisco Water Department; id No. 1406.
Award made on the following items.
) Three 54-in. valves, $6225.
) Two 12-in. valves, $2520.
) Two 42-in. valves, $3400.
) One 36-in. valve, $1285.
) One 30-in. valve, $980.
) Three 20-in. valves, $1110
) One 16-in. valve, $300.
) Four 30-in. valves, $3640.
) Two 24-in. valves, $1460.
Other bids were submitted by Kenedy Valve Mfg. Co., $26,956.23 and ane Co., $33,425.50.

34 — PARKS AND PLAYGROUNDS

IDS OPENED

ALAMEDA, Alameda Co., Cal.—Alameda County Nursery, 2150 Santa lara Ave., Alameda, at $239.50 subitted low bid to the Custodian, U. Post Office, Alameda, for seeding nd planting grounds at the post office, Alameda.
Complete bids follow:

lameda County Nursery, Alameda	$239.50
acific Nursery Co., Colma	333.00
alifornia Nursery, Niles	409.80

Bids referred to Washington for ward.

IDS OPENED

OAKLAND, Cal.—Western Steel & Wire Co., 439 Bryant St., San Franisco, at $1,238.90 submitted low bid o East Bay Municipal Utility District or high chain link fence.
Work involves:
1) 343 line posts;
2) 11 3-in. corner posts;
3) 19 3-in. end and gate posts;
4) 2 4x6-in. wal kgates
Proposal No. 681.
Complete bids follow:

Western Steel & Wire Co.	$1,238.90
West Coast Fence Company	1,503.84

Identical bids at $1,428 were submitted by the following: Pacific Coast Fence Co.; Ralph Waterhouse; Standard Fence Co.; Kamlan Fence Co. and Michel & Pfeffer Iron Works.
Bids held under advisement.

CONTRACT AWARDED

OAKLAND, Cal.—Western Steel & Wire Co., 439 Bryant St., San Francisco, at $1,238.90 awarded contract by East Bay Municipal Utility District for high chain link fence, involving:
(1) 323 line posts;
(2) 11 3-in. corner posts;
(3) 19 3-in. end and gate posts;
(4) 2 4x6-in. walk gates.
Proposal No. 681.

BIDS WANTED

RENO, Nev. Until August 28, bids will be received by the Custodian, Post Office, Reno, for seeding and planting the grounds at the U. S. post office, Reno.

BIDS OPENED

SAN FRANCISCO—Wickwire Spencer Steel Co., 101 Townsend St., at $32.39 submitted low bid to the Department of Public Works for repairing chain link fence at the Grant School, Pacific Avenue and Broderick Street.
Complete bids follow:

Wickwire Spencer Steel Co.	$32.39
Anchor Post Fence Co.	33.48
Michel & Pfeffer Iron Works	39.00
Kamlan Fence Company	40.60

BIDS OPENED

OAKLAND, Cal.—Following bids received by Board of Playground Directorss Oakland, for furnishing labor and materials for tennis courts and fencing at the Brookdale Plaza, Oakland:

Fencing

Standard Fence Co., 60th and Lowell Sts., Oakland	$1,018.00
Wickwire Spencer Co., S. F.	1,056.00
Pacific Coast Fence Co., S. F.	1,149.00
West Coast Wire & Iron W'ks San Francisco	1,326.00
R. W. Waterhouse, S. F.	1,452.83

Surfacing

W. H. Larson, 432 Michigan Ave., Berkeley	$1,562.00
P. M. Henning, Oakland	1,696.00
Independent Const. Co., Oakland	1,750.00
J. H. Fitzmaurice, Oakland	1,787.00
Ransome Co., Emeryville	1,862.00

Bids held under advisement until September 3.

BIDS WANTED

HOOD RIVER, Ore.—Bids are being received by the Custodian, U. S. Post Office, Hood River, for seeding and planting the grounds at the post office, Hood River.

BIDS WANTED

LA JOLLA, San Diego Co., Calif.—Bids are being received by the Custodian, La Jolla Post Office, for seeding and planting the grounds at the La Jolla post office.

35— TUNNELS

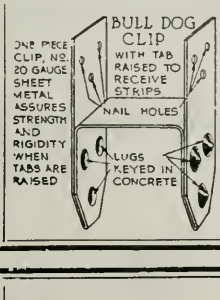
August 16, 1935

CONTRACT AWARDED

SALT LAKE CITY, Utah—Morrison-Knudsen Co., Box 1518 Boise, Idaho, at $162,434 awarded contract by U. S. Reclamation Service for constructing Ephraim Tunnel on the Sanpete Project.

BIDS WANTED

LOS ANGELES, Cal.—Until Aug. 26 2 P. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, for furnishing structural steel I-beam ribs with appurtenant splice plates, base plates, bolts and nuts for support for 9- 10- and 14-ft. dia. tunnels, in accordance with Spec. No. 121. Certified or cashier's check, $4,000. Plans and specifications may be obtained from the office of the engineer, room 1007, 306 W. 3rd St., upon payment of $2, not returnable. F. E. Weymouth, general manager and chief engineer.



Bull Dog Floor Clip

SOLD BY

Gunn, Carle & Co.

Building Specialties

THE B. L. WILCOX
2071 Laura Ave., Huntington Park

20 Potrero Ave., San Francisco

Reinforcing Steel

Cut, Bent, Delivered and Installed

BUILDING MATERIALS

GUNN, CARLE & CO.

20 Potrero Avenue : San Franicsco

Phone UNderhill 5480

GUNN, CARLE & CO. MANUFACTURERS AGENTS BUILDING MATERIALS

Section 435½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

PWA Application Deadline September 4

S. F. Plans $689,000 Street Improvements

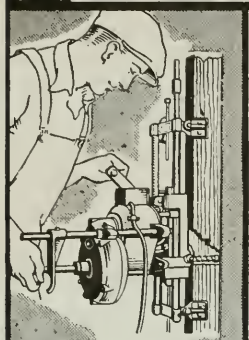
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

UST 31, 1935

Vol. XVIII—No. 35

WAPPAT Electric TOOLS



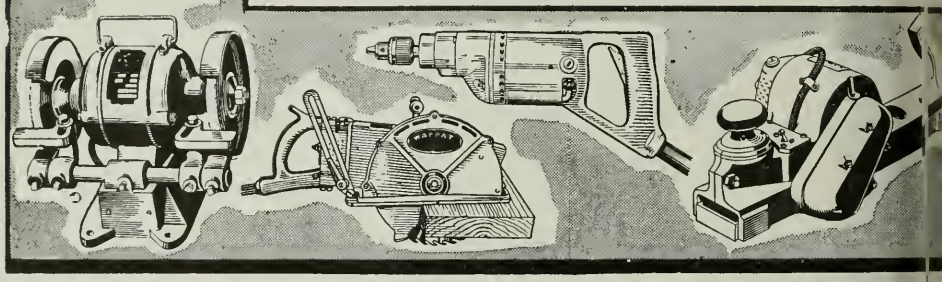
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Singles Copies, 25c; By the Year, $5.00

.l. XVIII SAN FRANCISCO, CALIF., AUGUST 31, 1935 No. 35

PWA Fund Applications Must Be Filed By Sept. 4; Wilder Announces New Orders

All applications for Federal Public Works Administration funds st be filed with Acting State Director A. D. Wilder not later than tember 4, it was announced yesterday following receipt by the local ce of word from Washington that the final date for submission of projects to the Works Allotment Board had been changed.

Previously set for September 16, the deadline for placing projects e financed from the new work f appropriation before the Al- nent Board will be September "This means it will be neces- y for all applicants desiring to their applications in the office the Acting State Director not r than September 4, so that the orts thereon can be made and warded to Washington expedi- ily," Mr. Wilder said.

he following telegram from As- ant Administrator Horatio B. kett was received by Mr. Wil- yesterday:

y order of President all appli- ions for allotments under Emerg- y Relief Appropriation Act 1935 must be submitted to Di- on of Applications and Informa- n not later than September 12. are further instructed by or- of the President that appli- ts receiving allotments from v funds must be prepared to ask bids for construction work or in operations by force account or before October 22, and where jects are to be constructed un- contract, contracts must be arded and signed on or before cember 15.

pplications for approximately 3- projects at an aggregate cost excess of $800,000,000 already e been received by the 48 State lectors, Administrator Harold L. es has announced.

During the past week, the influx applications from local public ties to PWA has been so heavy t the Works Progress Adminis ction has not been able to check applications for cost and un- ployment reports i the areas in- ved as rapidly as applications re received. As of August 19, taulation showed that well ov- 1,000 PWA applications were be- e WPA awaiting such check. On same day, 132 new applications were received from local public bodies in PWA State offices and 163 were transmitted from PWA headquarters in Washington to W P A for the check, while a tabulation revealed 3,531 applications aggregating $788,000,000 had been filed with PWA from communities desiring to provide from local funds 55 per cent of the cost of construction of the projects involved.

IMPORTANT DATES IN PWA PROGRAM

These are important dates for applicants seeking Public Works Administration funds:

SEPT. 4: Applications must be filed with State Director.

SEPT. 12: Applications must be presented to Works Allotment Board.

OCT. 22: Projects must be advertised for bids.

DEC. 15: Contracts must be awarded and signed.

REYNOLDS NAMED ON PLAN REVIEW BOARD

Appointment of Leon B. Reynolds to the Board of Review, which will pass on plans and specifications for sewage disposal plants before contracts are let, was announced last week by the engineering bureau of the San Francisco Department of Public Works.

Other members of the board include Harrison P. Eddy, Charles G. Hyde and C. C. Kennedy.

EMPLOYMENT ON BUILDING WORK GAINS IN JULY

Survey Shows Increases Over Preceding Month, July, 1934

July employment and payrolls in the private building construction industry showed marked increases over both July 1934 and June 1935, according to the monthly report covering non-manufacturing industries compiled by the U. S. Bureau of Labor Statistics.

As compared with July last year employment in the building industry gained 5.2 percent and payrolls 12 percent. July employment was 1.7 percent greater and payrolls 3 percent larger than in June, the report reveals. The figures, based on reports from 9,703 contractors, relate to employees engaged on construction, alteration and repair of buildings, exclusive of projects financed by PWA or RFC funds, regular appropriations of Federal, State and local governments, or loans insured by the Federal Housing Administration.

Ten of the 17 nonmanufacturing industries surveyed showed gains in employment and payrolls from June to July. The gains in employment ranged from 2.6 percent in laundries to 0.1 percent in the wholesale trade and telephone and telegraph industries. Employment and payrolls in the anthracite and bituminous coal mining industries showed sharp declines from June to July and seasonal recessions were reported in many lines of retail trade. The decreases in employment in the remaining four industries ranged from 2.2 percent in dyeing and cleaning to 0.4 per cent in electric railways and motor bus operation.

Employment in wholesale trade was 0.1 percent over the figure for the preceding month with payrolls 0.2 percent greater. Retail trade employment dropped 3.8 percent and payrolls lost 3.2 percent over the month interval.

Shipments of hand operated fire extinguishers during the first six months of 1935 totaled 165,144, as compared with 122,651 during the same period last year, according to the Bureau of the Census.

BUREAU GETS 20 BIDS ON L. A. GRADING

Guy F. Atkinson Co. Submits $228,471 Low Proposal

Twenty contractors submitted bids yesterday to the Bureau of Public Roads, San Francisco, for grading a 4-mile section of the Angeles Crest National Forest Highway, one of the largest forest highway contracts of the current program. The low bid was offered by Guy F. Atkinson Co., San Francisco at $228,471.

The project includes an estimated 644,000 cubic yards of unclassified excavation which the low bidder figured at 30 cents a yard, two cents under the next low bid, that of Granfield, Farrar & Carlin, San Francisco, and six cents under the engineer's estimate. The low bid was approximately $45,000 under the Bureau's estimate.

Separate bids were invited for work on Section A and on Section B of the project. A majority of the bids offered, however, were on the alternative proposal, a combination of the two sections.

The total bids were:

Guy F. Atkinson Co., S. F.	$228,471
Granfield, Farrar & Carlin, San Francisco	240,187
Bayshore Const. Co., S. F.	253,263
Healy-Tibbitts Const. Co., San Francisco	268,173
Baisch Bros., Torrance	269,291
Geo. J. Boch Co., L. A.	271,612
Peninsula Paving Co., S. F.	274,396
Lewis Const. Co., Los Angeles	277,565
C. G. Willis & Sons, Inc.	282,408
Frank C. Cuffe, San Rafael	282,803
Fredrickson and Watson, Oakland	286,311
Isbell Const. Co., Reno	299,837
Ralph A. Bell, Los Angeles	307,226
Sharp & Fellows Contr. Co., Los Angeles	314,736
Mittry Bros. Const. Co., Los Angeles	331,197
Gibbons & Reed, Burbank	361,494
Daley Corp., San Diego	399,482
Gunther & Shirley, L. A.	430,441
R. E. Campbell, Los Angeles	443,601
Engineer's estimate	273,360

The low bid on Section A was offered by Frank C. Cuffe, San Rafael, at $138,680, and on Section B by Lewis Construction Co., Los Angeles, at $144,408.

One bid received was declared irregular and was not read

REPORT 42% GAIN IN FURNACE SALES

July sales of oil furnaces by its air conditioning department advanced 42 per cent over the figure for July last year, General Electric Company reports. The increase is attributed to the increase in new home construction and modernization, activity of the Federal Housing Administration and financing provisions of the National Housing Act, generally improved conditions and a concerted summer furnace sales campaign carried on by the company.

MATERIAL PRICES 1.7% BELOW 1934

Building material prices average 1.7 per cent less than a year ago and 5.3 per cent higher than two years ago, according to the weekly analysis of wholesale prices prepared by the U. S. Bureau of Labor Statistics. The report is for the week ending August 10 and corresponding dates of previous years. During the week prices declined 0.4 per cent from the previous average on the Bureau index to 85.0. The drop was due to lower prices for brick and tile, lumber and paint materials. Sub-groups of cement, structural steel and other building materials were unchanged.

STATE DROPS PRISON LABOR ROAD PROGRAM

Proposal to Expand Convict Camps Vetoed After Many Protests

Proposed expansion of the prison-labor highway construction program has been vetoed by the governor, State Director of Public Works Earl Lee Kelly announced Saturday.

"Governor Merriam feels," said Mr. Kelly, "that while extensive use of convicts on road work would help relieve dangerous and deplorable congestion in San Quentin prison, the unemployment situation in California is of such serious importance that the replacement of free labor by convicts would not be justified at this time."

The proposal to move a larger number of convicts from the penitentiary to road camps followed defeat of the state institutional building bond issue this month. Support of the convicts on highway construction would further deplete the state's highway construction funds, it was pointed out in a letter of protest against the plan sent to the governor by Floyd O. Booe, secretary - manager of Associated General Contractors, Northern California chapter. Chambers of commerce and other civic organizations objected to plan as it affected completion of the San Simeon-Carmel and Feather River routes, where it was expected most of the convict labor would be used. An attempt to complete the heavy grading on these routes by hand-labor methods would indefinitely delay their opening, interested groups declared.

Mr. Kelly gave assurance following his conference with the governor that construction work on these routes would proceed with the normal amount of mechanical equipment and labor as in the past and that employment of convicts would not be increased.

SCHEDULE FIRST NEVADA HIGHWA PROJECT BID

Industry To Watch Propos On Initial Contracts Under New Regulations

State Highway Engineer Rol A. Allen of Nevada yesterday sued notice to contractors of b to be received September 11 on first contracts of the 1935-36 hi way construction program. The b ding on these jobs will be watc with interest by contractors highway officials in California other states, because they are first projects to be let in this gion under the new regulations

While neither contract is finan by work-relief money the state using the projects as a means providing part of its quota of lief employment. The success contractor must draw 50 per c of his required unskilled and in mediate grade labor from the llef rolls.

Nevada is expected also to is a bid call shortly for construct of a grade separation project w work-relief funds. Plans for t job have been approved by 1 trict Engineer C. H. Sweetser the Bureau of Public Roads. contractor on this project will required to obtain 90 percent his labor from the relief rolls to guarantee an expenditure direct labor on the job site of percent of the cost of the proj

The two highway contracts ing advertised are located, one Nye county near Springdale, the other in Churchill and Lan counties near Eastgate. The gr separation is near Wendover

WALKING DRAGLINE FOLDER PUBLISH

An illustrated folder describ the new 5-W Bucyrus-Monigl walking dragline has been iss by the Bucyrus-Erie Co. of So Milwaukee, Wis. Among featu listed are walking traction, c pactness making possible shipm in one unit on one car, redu weight, and a new type drive.

Copies of the folder may be tained without charge by writ the manufacturer.

$124,490,000 HOLC LOANS IN CALIFORN

A total of 46,753 loans aggre ing $124,490,673 have been made California by the Home Own Loan Corporation since the st of operations in September, 1 according to an announcement W. O. Miles, state manager. proximately two-thirds of the c poration's loans in the state w made in the Los Angeles area, bracing nine Southern Califor counties.

LAN $689,000 TREET PROGRAM WITH GOVT. AID

Casey Preparing Project List FOR PWA Grant Application

he San Francisco board of supvisors will be asked to authoe an application to PWA for a 45percent grant toward a proposd $689,000 street improvement proam before the books are closed PWA projects on September 4

ity Engineer John J. Casey is mpleting a report on a list of jects which the city could undake immediately by obligating additional share of gasoline tax venues. These would be used as 55 percent portion of the cost PWA being asked for 45 per t grant. Combined with the eet improvements already plan, with gasoline tax cash the city uld be able to start work ounting to more than $1,000,000

Work which it is proposed to do h the PWA fund, if obtained, ludes the following projects: th street, between Mission and wnsend, $57,340; Fremont Street ween Market and Harrison, $43 ; First Street, between Market d Harrison, $45,000; Harrison St. ween Embarcadero and Fi 3,400; Folsom St. between Emcadero and Tenth, $105,300; uart Street between Embarcaro and Mission, $10,000; Beale eet, between Embarcadero and rket, $43,920; Spear Street, been Embarcadero and Howard, 00; Battery Street, between barcadero and Market, $75 00 ant Street, between Second and th, $42,700; Sixth Street, been Townsend and Mission, $18, ; Eighth Street between Townd and Market, $56,120; Fi th Street between Guerrero and vers, $28,200; Anza to be exded to Santa Rosa Ave., $40,000. mprovements include widening d reconstruction. Most of the eets are due to bear an increas traffic with the opening of the n Francisco-Oakland bridge and npletion of the improvements at early date is imperative.

The city's share of the cost is tured at $379,000 to come entirefrom the gasoline tax money alated to the city by the new law ing cities an additional quarterit. The PWA grant is expected be $310,000.

ODERN IRON WORKS OPENS NEW PLANT

Modern Iron Works, manufactur s of iron stairways, fire escapes, nk and office grilles and ornantal iron, bronze and aluminum rk of all types, announce the oping of their plant at 2217-2219 lsom street. Paul Alah, formerwith Domestic Iron and Bronze orks, will be manager.

WPA Security-Wage Employees to Work 120-hour Month

The normal working month for security-wage workers employed on Works Prgress Administratin projects in California will be 120 hours, according to an announcement by State WPA Administrator Frank Y. McLaughlin.

"There will normally be 10 working days of six hours each in every semi-monthly period," said McLaughlin. "Working days will be Monday to Friday, inclusive, and shall be continuous until not more than 60 hours are worked in any semi-monthly pay period."

However, provisions are made for the continuation of work on Saturdays to account for the loss of time occasioned by holidays.

"On professional and educational projects, the number of hours of work within each semi-monthly period will be determined in conformance with the customary number of hours per day for the particular type of work." declared McLaughlin.

McLaughlin explained that this provision will pertain explicitly to persons engaged in such professions as music, art, drama, and similar classes of work.

Commenting upon the work schedule for special types of projects, McLaughlin said:

"Where projects are located at points so remote and inaccessible that camps are necessary a 'Camp Work Schedule' will be established to permit more than 60 hours of work in a semi-monthly period, provided the total number of working hours in the two consecutive semi-monthly pay periods do not exceed 120 hours for the month."

President Roosevelt in a recent message outlining his Federal work program declared that work project employes could be employed as much as 140 hours per month in order to earn their stipulated wages.

COUNCIL TO ACCREDIT ENGINEERING SCHOOLS

A program for accrediting engineering schools, recently inaugurated in the New England and Middle Atlantic states, will be expanded to other parts of the country after a trial period in these two regions, the Engineers' Council for Professional Development announces. The council, which is sponsored by the national engineering societies, educators and examiners, states that accrediting has become necessary due to recently enacted state licensing laws requiring a list of accredited colges, graduation from which will be considered partial fulfillment of license requirements.

Further information may be obtained from the Engineer's Council for Professional Development, Engineering Societies Building, 29 West 39th Street, New York.

SEEK PWA FUNDS FOR 8 PROJECTS IN SACRAMENTO

City Lists $1,893,000 Program in Federal Grant Application

Application to the Federal Public Works Administration for an $816,505 grant to aid in financing eight municipal projects, total cost of which is estimated at $1,893,000, was approved last week by the Sacramento city council. Plans and specifications for the program have been forwarded to Acting State Director A. D. Wilder of P W A.

It was indicated a $940,000 bond proposal will be placed on the regular November election ballot, w the issue contingent upon PWA approval of the program if such approval has not been received by that time.

The eight projects for which Federal aid is sought are:

Water Dept. Construction	$670,070
Straightening & widening "I" St. bridge approaches	161,110
Clunie Memorial	245,500
Fire and police alarm system	230,975
Sewer system	163,270
Buildings	148,279
Widening Fifth Ave.	152,140
Boat harbor	122,000

City Manager James S. Dean will go to Washington to urge approval of the application if necessary, it is reported.

BULLETIN GIVES CONSUMER DATA

A bulletin on consumer use of selected goods and services by income classes including data gathered in a Department of Commerce survey of Austin, Texas, has been published by the Department. Commodities listed in the study include building materials, heating apparatus, bathing facilities, mechanical refrigeration, fuel and automobiles.

Copies of the bulletin, which is listed as Market Research Series No. 5.1 may be obtained for ten cents each from the Bureau of Foreign and Domestic Commerce, Washington, D. C.

WESTINGHOUSE PLANS WAGE RATE INCREASE

Westinghouse Electric & Manufacturing Company announces that, in connection with the semi-annual rate review for hourly paid employees now under way, adjustment of rates will be made so as to result in a five percent increase of the average hourly rate.

At the same time it is announced that the basic work week for hourly paid employes will be 40 hours with the provision that schedules of actual working hours will be subject to modification at individual plants to fit local circumstances.

DEVISE STORM CABLE SYSTEM FOR GATE SPAN

High Wind Velocity Necessitates Elaborate Preparations, Strauss Reports

Spinning of the giant 36½-inch cables that will support the Golden Gate Bridge was a step nearer this week as workers on the cable crew of the John A. Roeblings Sons Co. started final operations toward erection of the catwalks.

These consist of the preparation of connections for the storm cable system and the assembly of foot bridge material at the Marin anchorage.

According to the weekly progress report of Chief Engineer Jos B. Strauss, on file for the board of directors of the Golden Gate Bridge and Highway District, an elaborate storm cable system has been devised. This is made necessary because of the high wind velocity through the Golden Gate and the extreme length of the center span, which covers a distance of 4200 feet from pier center to pier center.

There will be four inverted cables, forming a double arch between the two tower legs on each side of the Golden Gate. The first of four cross struts, which extend from cable to cable and are the width of the bridge, was erected the latter part of the past week. These cross struts will be connection points for the storm ropes, running from the arched storm cale.

Following erection of the storm cable system the redwood catwalk sections will be hauled out in place and three cross bridges will be erected, alternating with the cross struts.

During the past week it was decided that the main storm cables will be laid across the Golden Gate by diesel tug, as were the catwalk cables. This work will be performed by the Harbor Tug and Barge Co. of San Francisco, under direction of engineers of the John A. Roeblings Sons Company.

Meanwhile the final pour of concrete on the east leg of Pylon S-2, on the San Francisco side, was completed Saturday and concreting the final lift of the west leg was scheduled to commence today. On the Marin side concrete continues to be poured for the footings of the approach viaduct, while work on the low viaduct of the east approach road is continuing on the San Francisco side.

Of the 310 men employed on the bridge proper during the past week 135 were engaged in cable operations. This latter number is expected to be increased weekly.

IN NEW QUARTERS

The firm of Hertzka & Knowles has moved from 982 Bryant Street to 369 Pine Street, Room 418.

GERWICK LOW ON BULKHEAD

(SPECIAL TO DAILY PACIFIC BUILDER)

WASHINGTON, D. C., Aug. 27.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, today submitted low bid to the U. S. Coast Guard for construction of a steel sheet pile bulkhead at Coast Guard Base 11, Government Island. Amount of the low figure was $249,117. Secon d and third low bids, respectively, were Merritt, Chapman & Scott Corp., San Francisco, $249.700. and Healy-Tibbitts Const. Co., San Francisco, $253,318.

Bids on this project have been opened and rejected three times by the Coast Guard. The work under the contract for which bids were received today will require about 1975 feet of cellular type bulkhead and 274 feet of straight wall type bulkhead.

Commission Asks Bids on Six State Highway Projects

SACRAMENTO, Aug. 27. — Six bridge and highway contracts were authorized for advertising today by the State Highway Commission. They are located as follows:

Sonoma County: Construction of a reinforced concrete girder bridge across Sonoma Creek about seven miles north of Sonoma. Bids open in Sacramento September 18.

Marin County: Removal of slides on about four-tenths of a mile between Greenbrae and Alto. Bids open in Sacramento September 18.

Kern County: Grading about five miles between two miles southwest of Searles and Rademacher. Bids open in Sacramento Sept. 18.

Kern County: Road-mix surfacing on about 38.5 miles between Johannesburg and Route 23. Bids open in Sacramento September 11

San Bernardino and Kern Counties: Road-mix surfacing and seal-coat on about 27.4 miles between Johannesburg and Route 58 [illegible] open in Los Angeles Sept. 12.

San Diego County: Road-mix surfacing on about 20.8 miles between Eincon and Moretti's. Bids open in Los Angeles September 12

HEARING ON MINE SAFETY ORDERS SET

Public hearings at which revision of Mine Safety Orders 1745-k and 1758, concerning the use of electric blasting in sinking operations, will be held by the State Industrial Accident Commission next month in San Francisco and Los Angeles, according to an announcement by Chairman T. A. Reardon.

Hearings will be held in San Francisco September 13 at 10 A. M., in Room 143, State Building, and in Los Angeles September 6 at 10 A. M., in Room 610, State Bldg.

FINISH PLACING CATWALK FLOORS ON BAY BRIDG

Two Cantilever Panels Erec ed; Cables to Anchorage 45% Complete

While the mesh catwalk floor p the west suspension bridge w being completed in the West B crossing of the San Francisco-Oa land Bay Bridge, the heavy derri work on the cantilever span, p off the island in the East Bay, w being concluded, according to t weekly report to be filed with Sta Director of Public Works Earl L Kelly today by Chief Engineer H. Purcell.

San Francisco

Foundations for the main viadu have been finished as far east Second Street by the Healy-T bitts Construction Company, a concrete girders and paving a under way near Fourth Street.

A second lower deck concre girder span of the "on" ramp w poured during the week.

West Bay Superstructure

Sixteen strands have been stru for the north cable and sevente for the south cable by the Colu bia Steel Company spinning crew bringing te cable completion tot to forty-five per cent between S Francisco and the center anch age.

Yerba Buena Island

Preparing for cable spinning b tween the center anchorage a Yera Buena Island, the Clint Construction Company has concre ed the island anchorage to 140 fe above water line.

In the vehicular tunnel the wo of concreting the roof has gone simultaneously with the excavat of the rock core. Nineteen fect concrete roof were placed last we in the tunnel, making a total of 3 feet, or 61 per cent of the to roof. The core excavation is progress from the east portal.

East Bay Superstructure

Two 48-foot panels of the we cantiliver arm have been erect by the Columbia Steel Compan and one additional panel will erected during this week.

At this point the heavy guy de rick which has raised this ste will be taken down, moved to Pi E-4, and re-erected there to ere the east anchor and east cantilev arms.

At the west end a lighter de rick will be installed in place the heavy one to be taken dow This lighter derrick will undertal the interesting task of extendi the cantilever arm out eastwa from Yerba Buena Island.

Alameda County

Pile driving for the foundati of the Administration Building well under way under the directi of the Clinton Construction Co pany, seventy 100- and 110-ft. pil having been driven.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

o.	Owner	Contractor	Amt.
56	Florsheim	Dunn	2000
57	McDonough	Owner	4000
58	Churkin	McCarthy	3000
59	Florsheim	Dunn	1000
60	Dalgero	Coburn	1000
61	McDonough	Owner	4000
62	Morris	Owner	3500
63	Pacific	Piasecki	1400
64	Botto	Early	1500
65	Hills	Owner	3750
66	Lerner	Owner	25000
67	DeLuca	DeLuca	4000
68	Cortopassi	McFarland	1000
69	Cortopassi	McFarland	1000
70	Parsons	Stevenson	2400
71	Licata	Owner	4000
72	Bellano	Lindberg	5900
73	Seaside	Stolte	2000
74	Matire	Owner	3500
75	Prunk	Coburn	2000
76	Lechens	Jensen	13000
77	Hooker	Muller	1400
78	Thorinson	Owner	3000
79	Ambrosetti	Barsotti	1500
80	Sage	Owntr	1000
81	Weinstein	Jacks	18000
82	Hand	Robinson	8000
83	Capital	Langfelder	2900
84	Bender	Morris	6000
85	McAffee	Owner	2500
86	Randolph	Jacks	25000
87	Headman	Anza	6000
88	Marchegiani	Owner	5500
89	Anderson	DuPuy	5000

ALTERATIONS
(866) NO. 756 MARKET ST. Alter store.
Owner—Florsheim Shoe Co., 1 North La Salle St., Chicago.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Bldg. $2000

DWELLING
(867) E ELEVENTH AVE. 50 N Kirkham St. One-story and basement frame dwelling.
Owner—M. McDonough, 148 Randall St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco. $4000

ALTERATIONS
(868) NO. 2735 ANZA ST. Alter apartments.
Owner—M. Churkin, Premises.
Architect—Reddick H. Bickel, 9 Geary St., San Francisco.
Contractor — Robert McCarthy, 356 Church St., San Francisco. $3000

ALTERATIONS
(869) NO. 680 MARKET ST Alter store.
Owner—Florsheim Shoe Co., 1 North La Salle St., Chicago.
Architect—Not Given.
Contractor—Louis C. Dunn, 424 Monadnock Bldg., S. F. $1000

ALTERATIONS
(870) NO. 1515 POLK ST. Alter store
Owner—Frank Dalgero, 3160 Lyon St., San Francios.c
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $1000

DWELLING
(871) E ELEVENTH AVE. 42 N Kirkham St. One-story and basement frame dwelling.
Owner—M. McDonough, 148 Randall St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco. $4000

DWELLING
(872) W CASTRO ST. 149 N 22nd St. Two-story and basement frame dwelling.
Owner—Thomas G. Morris, 436 Alvarado St., San Francisco.
Architect—Oscar Thayer, 1129 Union St., San Francisco. $3500

ALTERATIONS
(873) NO. 540 BUSH ST. Alterations to storage and office building.
Owner — Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by I. C. Steele, % Owner.
Contractor—Joe Piasecki, 345 Haight St., San Francisco. $1400

REPAIRS
(874) 1366-1370 MISSION ST.; repair fire damage to lofts.
Owner—A. Botto, Russ Bldg.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 369 Pine Street. $1500

ALTERATIONS
(875) 2 HARRISON ST.; alter mfg. plant.
Owner—Hills Bros., 2 Harrison St.
Engineer — H. J. Brunnier, 55 New Montgomery Street. $3750

ALTERATIONS
(876) 831 MARKET ST.; alter store.
Owner—The Lerner Shops of California, 831 Market Street.
Architect—Douglas D. Stone, 110 Market Street. $25,000

DWELLING
(877) W PIERCE 31 S Filbert St.; two - story and basement frame dwelling.
Owner—Arthur De Luca, 2256 Jones.
Architect—Not Given.
Contractor—De Luca and Sons, 1745 Filbert Street. $4,000

STATION
(878) NE EIGHTEENTH AVE AND Taraval St. One-story Class C service station.
Owner—Angelo Cortopassi, 4101 21st St., San Francisco.
Architect—Not Given.
Contractor — James McFarland, 710 4th Ave., San Francisco. $1000

COMFORT STATION
(879) NE EIGHTEENTH AVE AND Taraval. One-story frame comfort station.
Owner—Angelo Cortopassi, 4101 21st St., San Francisco.
Architect—Not Given.
Contractor — James McFarland, 710 4th Ave., San Francisco. $1000

ADDITION
(880) 3173 TWENTY - FIRST AVE. Add to dwelling.
Owner—E. W. Parsons, 761 Post St., San Francisco.
Architect—Not Given.
Contractor—L. H. Stevenson, 130 Merced St., San Francisco. $2400

DWELLING
(881) E JENNINGS ST. 50 S Ingerson St. One-story and basement frame dwelling.
Owner — Luigi Licata, 551 Chestnut St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F. $4000

DWELLING
(882) SE MISSION ST. 225 SW Persia Ave. Two-story frame store and dwelling.
Owner—Donato Bellano, 165 Richland Ave., San Francisco.
Architect—C. S. McNally, 257B Waller St., San Francisco.
Contractor — C. Lindberg, 1 Naylor St., San Francisco. $5900

ALTERATIONS
(883) SE OCEAN AND ONONDAGA Aves. Alter and remove service station.
Owner—Seaside Oil Co., 2121 Third St., San Francisco.
Engineer—Robert Dalton, Laurel Ave. Oakland.
Contractor—F. C. Stolte, 3417 Laguna Ave., Oakland. $2000

DWELLING
(884) SE MADRID & PIERCE STS. One-story and basement frame dwelling.
Owner—Matire & Alessandri, 158 London St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco. $3500

ALTERATIONS
(885) NO. 2462 FUNSTON AVENUE Alter dwelling; retaining wall.
Owner—G. E. Prunk, Premises.
Engineer—T. S. Boehm, 2048 Market St., San Francisco.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $2000

DWELLING
(886) GORE LANDSDALE & COSItas Sts., Sherwood Forest.
Owner—B. O. Lechens, 411 Yerba Buena St., San Francisco.
Architect—Harold Stoner.
Contractor—G. P. W. Jensen & Sons, 320 Market St., S. F. $13,000

ALTERATIONS
(887) NO. 503 MARKET ST. Alter office.
Owner- Hooker & Lent, Cunard Bldg., San Francisco.
Architect—Not Given.
Contractor—A. G. Muller, 243 7th St., San Francisco. $1400

DWELLING
(888) E THIRTY-FIRST AVE. 138 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect — Chas. H. Strothoff, 2274 15th St., San Francisco. $3000

ALTERATIONS
(889) NO. 1551 QUESADA ST. Alter dwelling.
Owner — Caroline Ambrosetti, 1740 Keith St., San Francisco.
Architect—Not Given.
Contractor — Arturo Barsotti, 1499 Quesada St., S. F. $1500

MILL BLDG.
(890) SW SAN BRUNO AVE. 25 SW Alemany St. One-story frame mill building.
Owner—J. L. Sage & Co., 319 Bayshore Blvd., San Francisco.
Architect—Not Given. $1000

ALTERATIONS
(891) NO. 45 KEARNY ST. Alter store and loft building.
Owner—Isador Weinstein Investment Co., % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco. $18,000

FLATS
(892) N JEFFERSON ST. 131 W Divisadero St. Three-story and **basement frame flats.**
Owner—Dr. Lee Hand, % Contractor.
Architect—Not Given.
Contractor—Robinson & Johnston, 180 Oak St., San Francisco. $8000

ALTERATIONS
(893) NO. 1100 JACKSON ST. Alter apartments.
Owner—Capital Co., 625 Market St., San Francisco.
Architect—Not Given.
Contractor — Langfelder & Schuster, 280 Wawona St., S. F. $2900

DWELLING
(894) E TWENTY-SECOND AVE. 160 N Ocean ARve. Two-story and basement frame dwelling.
Owner—E. K. Bender, 5400 Fulton St., San Francisco.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco. $6000

DWELLING
(895) N TWENTY-SECOND ST. 40 E Eureka St. One-story and basement frame dwelling.
Owner—R. A. McAfee, 125 Cervantes St., San Francisco.
Architect — C. O. Clausen, 146 46th Ave., San Francisco. $2500

ALTERATIONS
(896) NW POST AND STOCKTON Sts. Alter store.
Owner—C. R. Randolph, % Contractor.
Architect—Albert A. Schroepfer, 244 Kearny St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francsico. $25,000

DWELLING
(897) NE TWENTY-FOURTH AND Ocean Aves. Two-story and base**ment frame dwelling.**
Owner—C. W. and M. B. Headman, 1498 36th Ave., San Francisco.
Architect — Albert H. Larsen, 2671 16th Ave., San Francisco.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., S. F. $6000

DWELLING
(898) S CHESTNUT ST. 115 W Baker St. One-story and basement frame dwelling.
Owner—Joseph Marchegiani, 1241 9th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Frank F. Nelson, 2 Edgehill Way, S. F. $5000

DWELLING
(899) NW ASHBURY TERRACE 300 W Upper Terrace. One-story and basement frame dwelling.
Owntr—Dr. Hamilton H. Anderson, % Contractor.
Architect—F. Frederic Amandes, 1879 18th Ave., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., S. F. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
635	Fleager	Owner	6000
636	Mulder	Rose	1500
637	Leekins	Leekins	4000
638	Lykman	Hammarberg	1500
639	Sproul	MacGregor	1350
640	Johnson	Johnson	4750
641	Capwell	Brown	3000
642	Morning	Metz	2800
643	Jacques	.....	1200
644	Waldman	.....	3500
645	Rule	Early	1000
646	Wallin	Owner	4000
647	Wallin	Owner	4000
648	Bodenhamer	Owner	1500
649	Silva	Owner	3300
650	Buhl	Waldman	3500
651	Moen	Owner	3500
652	Masonic	U. S.	4527
653	Hufschmidt	Owner	4950
654	City of Oakland	Owner	12000
655	Malloney	Pressley	4200
565	Co-Operative	Bethel	8830
657	Brower	Jensen	7600
658	Franceschini	Beckett	4500
659	Williams	Soder	3800
666	Taylor	Bernard	4700

DWELLING
(635) NO. 1503 MOUNTAIN BLVD., **OAKLAND.** Two-story dwelling.
Owner—W. Fleager, 927 Inlian Rock Road, Berkeley
Architect—Not Given. $6000

REPAIRS
(636) NO. 2626 E-SIXTEENTH ST., **OAKLAND.** Fire repairs.
Owner—Harvey Mulder, Premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1500

DWELLING
(637) NO. 3252 FLORIDA STREET, **OAKLAND.** Two-story six-room dwelling.
Owner—A. B. Leekins.
Arcihtect—Not Given.
Contractor—C. W. Leekins, 4481 Maraga Ave., Oakland. $4000

DWELLING
(638) NO. 1359 BERKELEY WAY, **BERKELEY.** One-story 3 room dwelling.
Owner — H. Lykman, 1622 Francisco St., Berkeley.
Architect—Not Given.
Contractor—A. Hammarberg, 2530 Hilgard Ave., Berkeley. $1540

ALTERATIONS
(639) NO. 2812 WOOLSEY STREET, **BERKELEY.** Alterations.
Owner—Mrs. Robt. G. Sproul, U. of Campus, Berkeley.
Architect—Not Given.
Contractor—C. MacGregor, 1391 Solano St., Berkeley. $1350

DWELLING
(640) 3467 MOUNTAIN BLVD., **OAKLAND;** one-story 6-room dwelling.
Owner—Joel Johnson, 3937 High St., Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 4237 Atlas, Oakland. $4750

ALTERATIONS
(641) 1930 TELEGRAPH AVE., **OAKLAND;** alterations.
Owner—H. C. Capwell Co., premises.
Architect—Koeningsberg & Weisfeld.
Contractor—Henry Brown, 1387 East 32nd St., Oakland. $3,000

BAKE OVEN
(642) 8811 East 14th St., **OAKLAND;** bake oven.
Owner—Morning Star Baking Co.
Architect—Not Given.
Contractor—Paul Metz, 855 44th St., Oakland $2800

ADDITION
(643) 5542 TELEGRAPH AVENUE, **OAKLAND;** addition.
Owner—J. G. Jacques, 5542 Telegraph Ave., Oakland.
Architect—Not Given. $1200

DWELLING
(644) 2945 BRANN ST., **OAKLAND;** one-story 5-room dwelling.
Owner—A. E. Waldman, 3424 Haley St., Oakland.
Architect—Not Given. $3500

DAMAGE
(645) 2629 HASTE ST., **BERKELE** repair fire damage.
Owner—Florence Rule, 2629 Haste S Berkeley.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 40th St., Oakland. $1

DWELLING
(646) 2932 75th AVE., **OAKLAN** one-story 5-room dwelling.
Owner—Folke Wallin, 2150 50th Av. Oakland.
Architect—Not Given. $4,2

DWELLING
(647) 2938 75th AVE., **OAKLAN** one-story 5-room dwelling.
Owner—Folke Wallin, 2150 50th Av Oakland.
Architect—Not Given. $4,6

ADDITION
(648) NO. 1101 SEVENTY - FIFT Ave., **OAKLAND.** Addition (com pleting unfinished work).
Owner—F. M. Bodenhamer, 118 Wil wood Ave., Oakland.
Architect—Not Given. $15

DWELLING
(649) NO. 8715 A ST., **OAKLAN** One-story 5-room dwelling.
Owner—Tony M. Silva, 1037 87th Av Oakland.
Architect—Not Given. $33

DWELLING
(650) NO. 4606 FAIRBAIRN AVI **OAKLAND.** One-story five-roo dwelling.
Owner—J. H. Buhl.
Architect—Not Given.
Contractor — A. E. Waldman, 34 Haley St., Oakland. $35

RESIDENCE
(651) NO. 6125 MAURITANIA AVI **OAKLAND.** One-story residenc
Owner—O. S. Moen, 4201 E-16th S Oakland.
Architect—Not Given. $35

ALTERATIONS
(652) SW ALAMEDA AVE. A N Park St., **ALAMEDA.** Remo present brick lodge hall to ma temporary classrooms for SEP school.
Owner—Masonic Temple Associatio Premises.
Architect—Not Given.
Contractor—U. S. Government (SER $45

DWELLING
(653) NO. 345 VERNON STREE **OAKLAND.** Two-story six-roo dwelling.
Owner — Hufschmidt & Whalin, 3 17th St., Oakland.
Architect—Chester Treichel, 696 Cl veland St., Berkeley. $49

ALTERATIONS
(654) SE TENTH AND FALLON ST **OAKLAND.** Alterations and r pairs.
Owner—City of Oakland.
Architect—Not Given. $12,0

DWELLING
(655) NO. 4142 WATERHOUSE RI **OAKLAND.** One-story five-roo dwelling.
Owner—E. M. and Rose Malloney.
Architect—Not Given.
Contractor—Walter Pressler, 1419 E celsior Ave., Oakland. $42

LODGE BLDG.
(656) NO. 525 THIRTIETH STREE **OAKLAND.** 1-story frame lodg building.
Owner—Co-Operative Hall Assn.
Architect—Not Given.

ntractor — Waldo E. Bethel, 1400 Ashby St., Berkeley. $8830

WELLING
67) NO. 733 SANTA BARBARA ST. BERKELEY. Two-story 7-room frame dwelling.
ner—Theodore Brower.
chitect—Newsom & Newsom, Russ Bldg., San Francisco.
ntractor—Jensen & Pedersen, 3143 Adeline St., Oakland. $4600

WELLING
68) NO. 576 FIFTY-SEVENTH ST. OAKLAND. One-story six-room dwelling.
ner—A. Franceschini
chitect—Not Given
ntractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $4500

WELLING
69) NO. 5931 MONZAL AVENUE, OAKLAND. Two-story five-room dwelling.
ner—G. A. Williams
chitect—Not Given.
ntractor—Oscar Soder, 1576 Alice St., Oakland. $3800

WELLING
60) NO. 54 CHATSWORTH COURT OAKLAND. One-story four-room dwelling.
ner — Evans Taylor, 656 Mandana Blvd., Oakland.
chitect—Not Given.
ntractor—W. Vernon Bernard, R. F. D. Box 18-E, Berekeley. $4700

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

o.	Owner	Contractor	Amt.
9	Klussmann	Cuthbertson	13400
0	Usher	Stoneson	10700
1	Damato	Barsotti	11100
2	Weinstein	Jacks	19058
3	San Francisco	Langlais	7050
4	Pacific	Collman	1080
5	Headman	Anza	7500
6	Bartholomeu	Nelson	8974

WELLING
19) NE CALHOUN AND GREEN Sts. All work for two-story and basement frame dwelling and garage.
ner—Hans and Freida Klussmann, 959 Clayton St., San Francisco.
chitect—Louis Schalk, 5515 Market St., Oakland.
ntractor—Thos. A. Cuthbertson, 430 Noriega St., San Francisco.
led Aug. 22, '35. Dated Aug. 20, '35.
Excavation completed $3350
Plumbing, wiring and brown coat plaster on..... 3350
Building completed 3350
Usual 35 days..... 3350
TOTAL COST, $13,400
ond, none. Limit, 100 working days. rfeit, none. Plans and specifications ed.

WELLING
20) LOT 4 BLK 3263, Monterey Heights; two-story and basement frame dwelling.
wner — Wm. H. E. and Josephine Usher.
rchitect—Charles F. Strothoff, 2274 15th Street.
ontractor—Stoneson Brothers, 1630 Ocean Avenue.
iled Aug. 24, '35. Dated July 25, '35
When frame is up..... $2675
When brown coated 2675
Upon completion 2675
Usual 35 days..... 2675
TOTAL COST, $10 70
ond, $10,700. Sureties, Massachusetts Bonding & Ins. Co. Plans and pec. filed.

DWELLING
(121) N FRANCISCO E Powell St; two - story and basement frame dwelling.
Owner—Onofrio and Caterina Damato, 83 Water Street.
Architect—Luigi Dallorso, 32 Jansen.
Contractor—Alessandro Sanglacomo & Arturo Barsotti, 1499 Quesada St
Filed, Aug. 23, '35. Dated July 29, '35.
Foundations in ..... $ 500
Roof on 2650
Rough plastered 2650
Completed 2650
Usual 35 days 2650
TOTAL COST, $11,100
Bond, $5550. Sureties, E. Quistad, J. Molinari. Plans and Spec. filed

ALTERATIONS
(122) NO. 45 KEARNY ST. AND 119 Post St. All work for alterations and additions to 8-story and basement Class A store and office building, and six-story and basement Class A building.
Owner—Isadore Weinstein Inv. Co.
Architect—Samuel Lightner Hyman and A. Appleton, 68 Post St.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Filed Aug. 26,, '35. Dated Aug. 21, '35.
On 1st of each month amount of moneys actually paid out to date..
Usual 35 days..... Balance
TOTAL COST, $19,058
Bond, limit, forfeit, none. Plans and specifications filed.

STADIUM
(123) ON PLOT OF GROUND BDED by Jerrold Ave., Toland St., McKinnon Ave. and Upton St. All work for electrical wiring and fixtures for stadium and racing course.
Owner—S. F. Stadium, Inc., 200 Bush Street.
Architect—Geo. E. Ellinger, 210 Post St., San Francisco.
Contractor—Charles A. Langlais, 472 Tehama St., San Francisco.
Filed Aug. 27, '35. Dated July 29, '35.
On 3rd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7050
Bond, $7050. Surety, New York Casualty Co. Limit, as soon as possible. Forfeit, plans and specifications, none

ADDITIONS
(124) NO. 151 MINNA ST. All work for additions and alterations to building.
Owner—Pacific Tel. & Tel. Co., 140 New Montgomery St., S. F.
Architect—Not Given.
Contractor—A. D. Collman, 1890 Grove St., San Francisco.
Filed Aug. 27, '35. Dated Aug. 23, '35
Upon completion 75%
40 days after completion..... 25%
TOTAL COST, $1080
Bond, $1080. Surety, Pacific Indemnity Co. Limit, 12 working days. Forfeit, none. Specifications only filed.

DWELLING
(125) NE TWENTY-FOURTH AND Ocean Aves. All work for two-story and basement frame dwelling.
Owner—Cecil W. and Mirlam B. Headman, % Contractor.
Architect—Albert H. Larsen, 2671 16th Ave., San Francisco.
Contractor — Anza Home Bldg. Co., 1498 36th Ave., San Francisco.
Filed Aug. 28, '35. Dated June 7, '35.
Frame up 25%
Brown coat plaster on..... 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $7500
Bond, $7971. Surety, The Fidelity & Casualty Co. of New York. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

DWELLING
(126) N ST. GERMAIN AND E line Lot 50 Blk 13 Sub No. 2, Clarendon Heights W 115.562 N 23.562 NE 117.280 E 39.644 S 100 Lot 50 Pin Lots 45 to 59 incl, Blk 13 Sub No. 2, Clarendon Heights. All work for two-story and basement frame and plaster dwelling with attached garage.
Owner — Frank H. and Antonia P. Bartholomeu, 1010 Portola St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Frank F. Nelson, 2 Edgehill Way, San Francisco.
Filed Aug. 27, '35. Dated May 15, '35.
Fees and preliminary costs paid ..... $ 300.00
1st floor platform completed 900.00
Frame completed 1043.50
Brown plaster completed..... 2243.50
When completed 2243.50
Usual 35 days..... 2243.50
TOTAL COST, $8974.00
Bond, $4487. Sureties, G. R. Nelson, Ramona H. Nelson and Fernando Nelson. Limit, forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

62	Associated	Lynn	3320

BUILDING
(63) DURANT AVE. AND FULTON St., Berkeley. All work for reinforced concrete building.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Willis F. Lynn, 1037 Ashmont St., Oakland.
Filed Aug. 22, '35. Dated Aug. 19, '35.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $3320.65
Bond, $3320.65. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER flats, $700; 748 Union Street; owner, Maria Bricca, Prem.; architect, Louis Mastropasqua, 580 Washington Street; contractor, J. Truffelli, 1165 Clay St.

ALTER garage, $95; 588 South Van Ness Ave.; owner, Dan Lagan, 3220 17th St.; contractor, J. B. Bourdieu, 2625 20th St.

ALTER flats, $65; 1675 Washington; owner, J. Bonnet, Premises; contractor, J. B. Bourdieu, 2625 20th.

ALTER dwelling, $900; 1401 Montgomery St.; owner, Mrs. Maud Weisgerber, Premises.

SIGN, electric, $80; 735 Bryant St.; owner, Pennsylvania Rubber Co., Prem.; contractor, Pioneer Elec. Co., 375 Van Ness Ave. South.

ALTER rooming house, $5; 17 Guy Place; owner, Al De Ran, 162 Mission St.

SIGN, electric, $400; 725 Market St.; owner, True Blue Cafeteria, Prem. contractor, QRS Neon, 690 Potrero Ave.

ALTER dwelling, $200; 70 Teresa St.; owner, G. Borgi, Prem.; contractor, A. De Benedetti & Son, 100 Brazil Ave.

SIGN, electric, $50; 5344 Geary St.; owner, Quoy Chop Suey; contractor, State Mfg. Co., 55 Rausch St.

ALTER dwelling, $200; 2591 Shrader St.; owner, William Daires, Prem.

ALTER dwelling, $240; 1220 16th Ave. owner, A. E. Olson, Premises.

ALTER dwelling, $500; 1379 26th Ave.; owner, F. J. Hughes, Premises.

SIGN, electric, $480; 1671 Ellis St.; owner, Ellis Theatre, Prem.; contractor, Wonderlite Neon, 170 Otis

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Machinery

1— APARTMENTS

Sub-Bids Wanted.
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Cal.
Alterations to two-story apartment building (Lafayette Apts.)
Owner—Withheld.
Architect—Not Given.
Mgr. of Constr.—C. Doane, 364 Bush St., Room 6, San Francisco.
Sub-bids are wanted on the following immediately:
Steam heating, plastering, plumbing, carpentry labor, tile work, hardwood flooring, painting, etc.

Sub-Bids Wanted.
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Cal.
Alterations to three-story apartment building (Encinal Apts.)
Owner—Withheld.
Architect—Not Given.
Mgr. of Constr.—C. Doane, 364 Bush St., Room 6, San Francisco.
Sub-bids are wanted on steam heating, plastering, plumbing, carpentry labor, tile work, hardwood flooring, painting, etc.

August 23, 1935

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO, 2735 Anza Street
Alterations to apartments.
Owner—M. Churkin, premises
Architect—R. H. Bickel, 9 Geary St
Contractor — Robert McCarthy, 3 5 6 Church Street.

Plans Being Figured.
APARTMENTS Cost, $——
TRACY, San Joaquin Co., Cal. No. 27 West Highland Avenue.
One-story frame apartment building (3 apts., laundry and locker room and 3 garages).
Owner—F. L. DeMark, 21 West Highland Ave., Tracy.
Architect—Not Given.
Bids are being taken for labor and materials and for labor only

Planned.
ALTERATIONS Cost, $——
HEALDSBURG, Sonoma Co., Calif. Matheson and University Streets.
Alterations to apartments.
Owner—Mrs. Olive Smead, Healdsburg.
Architect—Not Given.

Owner Taking Bids.
APARTMENTS Cost, $12,500
OAKLAND, Alameda Co., Cal. Claremont Avenue.
Two-story frame and stucco apartments (six 3-room apts.) composition and tile roofing, steel sash, gas heating system, hardwood floors, tile baths and showers, central refrigeration plant.
Owner—Chas. J. Pia, Premises.
Architect—Guy L. Brown, American Bank Bldg., Oakland.

3— CHURCHES

Plans Completed.
ALTERATIONS Cost, $4,000
SAN FRANCISCO, 2 Harrison St.
Alterations to manufacturing plant.
Owner—Hills Bros., 2 Harrison St.
Engineer—H. J. Brunnier, Sharon Building.

CONTRACTS AWARDED
MINES FIELD, Cal.—Consolidated Steel Corp., Slauson and Eastern Aves., has been awarded a contract for furnishing and erecting approximately 700 tons of steel to be used in the construction of an airplane factory at 5701 Imperial Ave., Mines Field, for North American Aviation, Inc., % E. R. Doak, 1066 Stearns Dr. Other parts of the work will be done under the supervision of L. B. Norman, 1034 17th St., Santa Monica, who prepared plans for the building. It will be a steel frame structure with stucco exterior, 300x300 feet in area, and will cost approximately $300,000. Construction will start immediately.

Sub-Contracts Awarded.
CHURCH Cost, $45,000
OAKLAND, Alameda Co., Cal. Park Blvd. and St. James Drive.
One-story reinforced concrete church (to seat 1000) organ, etc.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Norman K. Blanchard, 700 Keeler Ave., Berkeley.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.
Edwin J. Keeler is pastor of the Corpus Christi Church.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Streets, San Francisco.
Plumbing and Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.

4— FACTORIES & WAREHOUSES

PLANS COMPLETED
MINES FIELD, Cal.—L. B. Norman 1034 17th St., Santa Monica, has completed plans for the first unit of a factory to be built at 5701 Imperial Ave., Mines Field, for North American Aviation, Inc., care of E. R. Doak, 1066 Stearns Drive. The building will be a steel frame structure, 300x300 feet in area, and will cost approximately $125,000.

BIDS WANTED
PARCO, Wyo.—Until Sept. 16, 2 P. M., bids will be received by Bureau of Reclamation, Customhouse, Denver for furnishing fob Parco, all structural steel sidings, windows, doors and other necessary metal work for one complete steel warehouse building for the government camp at Seminoe Dam of the Casper-Alcova Proj.; Spec. 718-D.
Plans and specifications obtainable by prospective bona fide bidders without charge; to others, $1, not returnable

Plans Completed.
SHEDS Cost, $——
SANTA ROSA, Sonoma Co., Calif
Three 1-story wood frame sheds (20- 75x12- 120x30-feet) galvanized iron roof.
Owner—Grace Bros., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans have been forwarded to owners.

Plans Being Figured.
CREAMERY Cost, $40,000
PHOENIX, Arizona. Jackson Street and Third Avenue.
Two-story brick creamery (with stone trim) assembly room, general offices, laboratories, processing and cold storage rooms.
Owner—Maricopa Creamery, Inc.
Architect—Lescher & Mahoney, Title and Trust Bldg., Phoenix.

Grading Contract Awarded.
FACTORY Cost, $17[illegible]
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue
New paint and varnish factory.
Owner—E. J. du Pont de Nemours Co. (W. J. Sohlinger, Mgr.) Third St., San Francisco.
Plans by Engineering Dept. of Ow. Wilmington, Del.
Contractor—Cahill Bros., 206 Sans St., San Francisco.
Grading—J. S. Baker, 740 Farring Lane, Burlingame.

Sub-Contracts Awarded.
WAREHOUSE Cost, $—
SAN FRANCISCO, 656-668 Townsend
One-story Class C warehouse (100 feet) stucco over brick front, roof, terra cotta partitions, concrete floors, etc.
Owner—McGilvray Company.
Engineer—Jas. M. Smith, 251 Kearny Street.
Lessee—Ducommun Corporation.
Contractor—Fred. DuPuy, 110 Sutter Street.
Plumbing—Frank Davison, 65 Cheery Street.
Steel Sash, Rolling Doors and Miscellaneous Iron—F. Kern & Sons, 7 Sixth Street.
Glass—Arthur Goepp, 70 12th St.
As previously reported, electric contract awarded to Superior Electric, 3110 Clay Street.

Structural Steel Contract Awarded
ALTERATIONS Cost, $[illegible]
SAN FRANCISCO. No. 2 Harrison Street.
Alterations to manufacturing plant
Owner—Hills Bros., Premises.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Structural Steel — Judson Pacific, 609 Mission Street.
Work is being handled by the owner's own forces.

5— FLATS

Contract Awarded
ALTERATIONS Cst, $1[illegible]
SAN FRANCISCO. 3418 19th Street
Alterations to flats.
Owner—Ray H. Latham, 920 Capp
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton Street.

BONDS VOTED
BRISBANE, San Mateo Co., Calif. Brisbane Elementary School District approved bond issue Aug. 23 in the amount of $25,000. Proceeds to finance construction of one-story frame and stucco grammar school to contain four classrooms. Application has been filed with the PWA for a [illegible]

...nt. Preliminary plans completed ...Architect Thos. Edwards, 9 Geary ... San Francisco.

...tract Awarded
...TS Cost, $10,0..
...S FRANCISCO. N Jefferson 131 ...W Divisadero St.
...e-story and basement frame and ...stucco flats.
...ner—Dr. Lee Hand, % contractor
...hitect—Not Given
...tractor—Robinson & Johnston, 180

5—GARAGES & SERVICE STATIONS

...tract Awarded
...ERATIONS Cost, $3,945
...S MATEO, San Mateo Co., Calif. ...Third Ave. and El Camino Real.
...rations to service station.
...ner—Associated Oil Co., 79 New ...Montgomery St., San Francisco.
...ns by Engineering Dept. of Owner.
...tractor—G. W. Williams Co., 315 ...Primrose Road, Burlingame.

...tract Awarded
...RVICE STATION Cost, $3,320
...RKELEY, Alameda Co., Cal. Du...rant and Fulton Streets.
...-story reinforced concrete service ...station.
...ner—Associated Oil Co., 79 New ...Montgomery St., San Francisco
...ns by Engineering Dept. of Owner.
...tractor—Willis F. Lynn, 1037 Ash...mont St., Oakland.

...tract Awarded.
...RVICE STATION Cost, $3000
...S FRANCISCO. NE 18th Ave. and ...Taraval Street.
...-story Class C service station.
...ner—Angelo Cortopassi, 4101 21st ...St., San Francisco.
...hitect—Not Given.
...tractor — James McFarland, 710 ...Fourth Ave., San Francisco

...ns Being Completed.
...RVICE STATION Cost, $6000
...S FRANCISCO. NW Claremont ...Blvd. and Ulloa Street.
...-story Class C service station.
...ner — General Petroleum Corp. of ...California, Higgins Bldg., Los An...geles.
...ns by Engineering Dept. of Owner. ...ds will be asked in about two ...ks.

...el Building Awarded.
...RVICE STATION Cost, $7,150
...TH SAN FRANCISCO, San Ma...teo Co., Cal. Bayshore Blvd.
...er service station.
...ner—Union Oil Co., 220 Montgom...ery St., San Francisco.
...ns by Engineering Dept. of Owner.
...tractor—John M. Huggard, 1060 ...Bryant Street.
...el Building—Michel & Pfeffer Iron ...Works, Harrison and 10th Streets ...San Francisco.

...ns Being Figured — Bids Close Sept. 3, 10 A. M.
...RVICE STATION Cost, $5000
...S FRANCISCO. NW California and ...Divisadero Streets.
...ner — General Petroleum Corp. of ...California, 519 19th St., Oakland.
...ns by Engineering Dept. of Owner.

...tract Awarded.
...RVICE STATION Cost, $5000
...S FRANCISCO. Ellington, Mis...sion and Farragut Streets.
...ss C service station.
...ner — General Petroleum Corp. of ...California, 519 19th St., Oakland.
...ns by Engineering Dept. of Owner.
...tractor—F. C. Stolte, 3455 Laguna ...Ave., Oakland.

Contract Awarded.
SERVICE STATION Cost, $3500
SAN FRANCISCO. SE Ocean & Onondaga Avenues.
Alterations to service station.
Owner—Seaside Oil Co., 2121 Third St., San Francisco.
Engineer—Robert Dalton, Laurel Ave. Oakland.
Contractor—F. C. Stolte, 3445 Laguna Ave., Oakland.

7— FEDERAL BUILDINGS

SITE BIDS WANTED

LOVELOCK, Nev. — Until Sept. 9, bids will be received by the Custodian U. S. Post Office, Lovelock, for a site for the proposed new post office for Lovelock.

LOW BIDDERS

MERCED, Merced Co., Cal.—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at $785 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Merced.

The three low bids follow:

Pacific Painting & Decorating Co., Oakland	$ 785
Patterson Bros., Oakland	970
J. R. Webb, Merced	1,500

Complete bids will be given shortly.

NO BIDS RECEIVED

SAN FRANCISCO.—No bids were received by the Treasury Department Washington, D. C., August 22, for moving and relocating all vault entrances in the U. S. Mint, San Francisco.

Complete Bids.
POST OFFICE Cost, $55,000
LODI, San Joaquin Co., Calif
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—F. J. Reilly, 6350 Fulton St., San Francisco

Complete bids follow:

Frank J. Reilly, San Francisco	$49,431
Leo Epp, San Francisco	50,168
K. E. Parker Co. S. F.	51,273
MacDonald Cons. Co., Saint Louis, Mo.	62,300

Bids held under advisement.

CONTRACT AWARDED

NOGALES, Ariz.—Harry J. Kearns, Nogales, Arizona, at $3566 awarded contract by Treasury Department for alterations to the garitas, U. S. Immigration Station, Nogales, Arizona.

BIDS WANTED

SAN YSIDRO, San Diego Co., Cal. --Until Sept. 6, 10 A. M., bids will be received by Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Inspection Station, San Ysidro.

Specifications may be obtained from above office and from the Custodian of the Building at San Ysidro.

BIDS WANTED

ST JOHNS, Oregon — Until Sept. 6, 10 A. M., bids will be received by Treasury Department, Washington, D. C., for plain painting of plaster, etc., at the U. S. Post Office, St. Johns, Oregon.

Specifications may be obtained from above office and from the Custodian of the Building at St. Johns, Oregon.

LOW BIDDERS

SEATTLE, Wash. — Mason Supply Co., 2637 S. E. 12th St., Portland, Ore. at $39,860 submitted low bid to Treasury Department, Washington, D. C., for repointing the exterior wall surfaces of the U. S. Federal Office Building at Seattle. Complete bids will be published shortly

BIDS OPENED

SAN FRANCISCO—D. A. Pancoast, 557 Market St., at $219 submitted low bid to Custodian, U. S. Post Office, for rubber tile flooring for corridor space in the U. S. Post Office Building, San Francisco. Complete bids follow:

D. A. Pancoast	$219.00
Van Fleet Freear Co.	236.00
L. S. Cast	248.00
N. Hemminga	267.50
American Art Tile Co.	320.00

Bids held under advisement.

CONTRACT AWARDED

PHOENIX, Ariz.—Washington Ornamental Co., Washington, D. C., at $2190 awarded contract by Treasury Department for plaster models for the U. S. Post Office for Phoenix, Ariz.

BIDS OPENED

SEATTLE, Wash. — Mason Supply Co., 2637 S.E. 12th St., Portland, at $39,862 submitted low bid to Treasury Department, Washington, D. C., for repointing the exterior wall surfaces of the U. S. Federal Office Bldg. at Seattle. Only other bid was submitted by A. W. Quist Co., 811 Exchange Bldg., Seattle, at $57,637.

Bids held under advisment.

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until Sept. 9, 10 A. M., bids will be received by the Treasury Department, Procure-Washington, D. C., for painting the ment Division, Public Works, Branch, plaster in the U. S. Post Office at Vallejo. Specifications may be obtained from the custodian of the building or from the Treasury Department in Washingtnn.

CONTRACT AWARDED

SAN FRANCISCO.—Patterson Bros. 2059 Webster St., at $4,438 awarded contract by Treasury Dept., Washington, D. C., for painting the plaster, etc., in the U. S. post office at San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—John C. Exley, 1563 Quesada Ave., at $385.00 awarded contract by Treasury Dept., Washington, D. C., for painting the plaster, etc., in the single attendants' quarters and mess hall at the U. S. Quarantine Station, San Francisco.

BUILDING MATERIALS APPROVED

SANTA CRUZ, Santa Cruz Co., Cal —Treasury Department has approved the following equipment and building material awards for the construction of the U. S. Post Office at Santa Cruz. K. E. Parker Co., 135 South Park, San Francisco, general contractor:

Plumbing fixtures, Kohler Co.; electric water coolers and drinking fountains, Kelvinator Co.; pressure-reducing valve on water supply, Mueller Steam Specialty Co.; back-water valve, Blake Specialty Co.; nonconducting covering for plumbing, Plant Rubber & Asbestos Co.; brass pipe, Bridgeport Brass Co.; boiler, Kewanee Boiler Corp.; oil burners, Ray Oil Burner Co.; pipe hangers, Grinnell Co.; concrete inserts, Grinnell Co.; tube and radiators, U. S. Radiator Corp.; nonconducting covering for heating, Plant Rubber & Asbestos Co.; angle radiator valves, Marsh Valve Co.; air valves for ends of steam mains, Dole Quick Vent.; lighting distribution panels, Square D El. Mfg. Co.; r.c. wire, Triangle Conduit & Cable Co.; flush switches, Arrow, Hart & Hegeman Elec. Co.; pendant switches, Pass & Seymour; service entrance switches, Square D Electric

Mfg. Co.; glassware, Gill Glass and Fixture Co., and Moe-Bridges Co.; lighting fixtures, Perfectite Co.

SITE BIDS WANTED

MARTINEZ, Contra Costa Co., Cal. —Until September 6, 9 A. M., bids will be received by the Postmaster, Martinez Post Office, for the sale or donation of a site for the proposed new Federal Building for Martinez. Approximate dimensions as follows: Corner lots, 130 foot frontage, 190 foot depth; interior lots, 155 foot frontage, 195 foot depth.

BIDS WANTED

SAN DIEGO, Cal.—Until Sept. 5, 11 A. M., bids will be received by Public Works Officer, 11th Naval District, foot of Broadway, San Diego, for replacing tile in Galley at the Naval Operating Base (Training Station), San Diego. Spec. No. 8079. The work includes furnishing and installing new floor and curb tile. Government will remove existing defective tile work and will provide materials and make alterations to plumbing work and prepare base for the installation of the tile setting bed.

Specifications may be obtained from above office upon deposit of $10.00

8— CLUB BUILDINGS

August 28, 1935

Contract Awarded.

OAKLAND, Alameda Co., Cal. No. 920 Thirtieth Street.
LODGE BLDG. Cost, $9000
One-story frame lodge building.
Owner—Co-Operative Hall Assn.
Architect—Not Given.
Contractor — Waldo E. Bethel, 1400 Ashby Ave., Berkeley.

9— HOSPITALS

Sub-Contracts Awarded.

AUDITORIUM Cont. Price, $17,972
OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.
One-story frame and stucco auditorium (to seat 300).
Owner—West Oakland Home.
Architect — W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.
Roofing — Western Roofing Co., 1250 24th St., Oakland.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.

As previously reported, plumbing and heating awarded to Max Finzel, 4019 Brookdale St., Oakland; electric to Electric Motor Co., 2807 Telegraph Ave., Oakland.

Planned.

HOSPITAL Cost, $90,000
ATWATER, Merced Co., Calif.
New hospital building (to be known as the Ella Stone Memorial Hospital).
Owner—City of Atwater.
Engineer—W. E. Bedersen, Merced.
Consulting Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.

Application will be filed with PWA for a 45% grant to assist financing of the project. The city has $50,000 available.

Plans Completed.

LONG BEACH, Los Angeles Co., Cal.—Architect I. E. Loveless, 102 S. Robertson Blvd., Beverly Hills, has completed plans for a Class A hospital building to be erected at Tenth St. and Linden Ave., Long Beach, for the Sisters of Charity of the Incarnate Word, a PWA project. A call for bids will probably be issued within the next few days. The building will be a five-story, reinforced concrete structure, providing 75 beds, and will have a steam heating system. A one-story service building will also be erected on the site.

Sub-Contracts Awarded.

ATTENDANTS' QUARTERS
Contract Price, $100,300
CAMARILLO, Ventura Co., Cal. Camarillo State Hospital.
Four one- and two-story reinforced concrete attendant quarters buildings (tile roof, steam heating system to connect to main plant).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.
Contractor—Los Angeles Contracting Co., and C. C. Wopschall, 4816 W. Pico Blvd., Los Angeles.
Excavation—A. S. Vinnell 969 Amalfa Ave., Los Angeles.
Reinforcing Steel—Soule Steel Co., Wilmington Ave., Los Angeles.
Roofing—Morrow Roofing Co., 1022 N. Western Ave., Los Angeles.
Steel Sash, Screen Doors & Windows (Erected)—Soule Steel Co.

As previously reported, heating contract awarded to Scott Co., 113 10th St., Oakland, $6,477; plumbing, Scott Co., 243 Minna St., San Francisco, $12,033; electrical work to H. H. Walker, 1323 Venice Blvd., Los Angeles, $7,287.

LOW BIDDER

SAM HOUSTON, Texas.—Robert E. McKee, El Paso, submitted low bid to the Constructing Quartermaster, Fort Sam Houston, Texas, at $1,351,000 for construction of a station hospital at Fort Sam Houston.

Sketches Completed.

ADDITION Cost, $25,000
JACKSON, Amador Co., Cal.
One-story brick hospital (operating suite and isolation ward to accommodate 10 beds).
Owner—County of Amador.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

12— POWER PLANTS

BIDS WANTED

MARE ISLAND, Cal.—Until Sept. 18, 11 A. M., bids will be received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for setting two boilers, consisting of the removal of boiler settings, raising two boilers of approximately 1000-hp. ea., new settings with air cooled walls and appurtenances, at Central Power Plant, Navy Yard, Mare Island. Spec. No. 8033.

On previous bid opening low bid was submitted by Barrett and Hilp, 918 Harrison St., San Francisco, at $24,996.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Preliminary Plans Being Prepared.

CITY HALL, ETC. Cost, $——
NEWMAN, Stanislaus Co., Calif.
One-story city hall (to house fire department, chamber of commerce, justices' offices, etc.)
Owner—City of Newman
Architect—G. N. Hilburn, 1213 I St., Modesto

Application will probably be filed with the PWA for a loan and grant to finance the project.

LOW BIDDER

MOJAVE, Kern Co., Calif.—Fred A. Emerson, 400 K St., Bakersfield, submitted low bid to the Kern county supervisors at $2773, for constructing a branch county jail at Mojave. Virgil Young submitted the only other bid at $2800. The bids were kept under advisement until Aug. 26. Edwin J. Symmes, Haberfekle Building, Bakersfield, architect.

Plans Being Prepared.

ADDITION Cost, $[illegible]
WOODLAND, Yolo Co., Calif.
Addition to City Hall (frame & [illegible] construction).
Owner—City of Woodland.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Further details will be announced shortly.

Plans To Be Prepared.

CITY HALL Cost, $[illegible]
MILL VALLEY, Marin Co., Calif.
One-story Class C City Hall.
Owner—City of Mill Valley.
Architect—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco.

Application will be filed with the PWA for a loan and grant to finance project. A bond election will be called in the near future in the amount of $30,000.

Commissioned To Prepare Plans

WOODLAND, Yolo Co., Calif.
ADDITION Cost, $[illegible]
Completion of City Hall (frame and stucco construction).
Owner—City of Woodland.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.

Chas. F. Dean was previously reported as the architect, which was in error.

Commissioned To Prepare Plans

CITY HALL & HOTEL
Cost, $[illegible]
COALINGA, Fresno Co., Calif.
Combination City Hall and Hotel (to house city offices, courtroom, auditorium and hotel rooms).
Owner—City of Coalinga.
Architect—W. D. Coates, Rowell Building, Fresno.

BIDS OPENED

SAN QUENTIN, Marin Co., Calif. —Palm Iron Works, 15th and Stats, at $5,839 submitted low bid to State Purchasing Department, Sacramento, for miscellaneous steel work for industrial building at San Quentin. Req. No. 24387.

Complete bids follow:

Palm Iron Works, Sacramento $5,839; net.
Golden Gate Iron Works, San Francisco, $6,380; ½%; 10 days.
Judson - Pacific Co., San Francisco $7,500; net.
Pacific Iron Works, Oakland, ½%; 30 days.

Bids held under advisement.

Planned.

ADDITION Cost, $[illegible]
SAN LEANDRO, Alameda Co., Calif.
Addition to library (frame construction, brick veneer exterior walls, tanks and four cells.
Owner—City of San Leandro (Fred Pelton, City Manager).
Architect—E. W. Cannon, 81 [illegible] St., Piedmont.

Application filed with the PWA to furnish labor.

BONDS DEFEATED

DALY CITY, San Mateo Co., Calif. —Daly City voters defeated bond issue in the amount of $35,000 August 2[illegible] which was to have financed construction of civic improvements in the City.

Preliminary plans were prepared by Architect Thos. Edwards, 9[illegible] St., San Francisco.

Preliminary Plans Approved.
LIBRARY & COURT Cost, $165,000
CARSON CITY, Ormsby Co., Nev.
Two-story, basement and mezzanine floor library and Supreme Court building (77x100 - feet) reinforced terra cotta blocks (first floor, library; second floors, court offices, etc.) one elevator, etc.
Owner—State of Nevada.
Architect—F. J. DeLongchamps, Inc., Gazette Bldg., Reno.

Preliminary Plans Awaiting Approval.
ADDITION Cost, $180,000
REDWOOD CITY San Mateo Co., Calif.
Two - story reinforced concrete and steel courthouse annex (55x150 ft.) to house county library and county offices.
Owner—County of San Mateo.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Preliminary plans have been forwarded to Washington for approval. Bond election will be called in the near future and application to be made with the PWA for a loan and grant to finance the work.

Commissioned To Prepare Plans
COURTHOUSE Cost, $200,000
OREGON CITY, Oregon.
New courthouse.
Owner—County of Clackamas County.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Application will probably be filed with the PWA for a loan and grant to finance the project.

Bids Selected.
FIRE HOUSE Cost, $30,000
HANFORD, Kings Co., Calif Lacey Blvd. and Ford Street
New fire house.
Owner—City of Hanford
Architect—Not Given.

Bids Funds.
COURTHOUSE, ETC. Cost, $[illegible]
BERKELEY, Alameda Co., Cal. Cedar Street from 8th to 9th Streets.
Two - story frame fire house (cement plaster exterior) reinforced concrete drill tower and machine shop).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Application will be filed with PWA for a loan and grant to finance proposed building.

BIDS OPENED
SAN FRANCISCO—M. E. Vukicevich, 666 Mission St., at $3939 (alternate, add 5395) submitted only bid to Department of Public Works for revision of the orchestra pit in the Veterans Building, Civic Center. Bid is under advisement.

BIDS OPENED
SAN FRANCISCO—Atlas Elevator Co., 34 Harriet St. at $5880 submitted low bid to Department of Public Works for furnishing and installing one plunger type elevator in the orchestra pit at the Veterans Building, Civic Center. Complete bids follow:

Atlas Elevator Co.	$5880.00
Otis Elmon Elevator Co.	5975.00
Otis Elevator Co.	7982.50

Bid irregular.
Bids held under advisement.

RESIDENCES

BIDS WANTED
STOCKTON, San Joaquin Co., Cal. Until September 16, 11 A. M., bids will be received by Eugene D. Grant, Clerk, San Joaquin County Board of Supervisors for construction of Ferry Tender's House at the site of the Woodward Island Ferry, San Joaquin County.
Plans and specifications may be obtained from Julius B. Manthey, County Surveyor, 705 S. Sutter St., Stockton.

Plans Being Figured — Bids Close Sept. 5, 12 Noon.
RESIDENCE Cost, $——
ROSS, Marin Co., Calif.
One-story frame residence (6 rooms, 3 baths) shingle wood roof with alternate proposal for copper roof, hot air oil burning heating system; hardwood floors, tile baths, redwood exterior, etc.
Owner—George J. Seebe.
Architect—W. W. Wurster, 260 California St., San Francisco.
Following will submit bids:
Moore & Roberts, 693 Mission St., San Francisco.
S. J. Bertelsen, 30 Estrella Avenue, Piedmont.
Robert Watson, 15 Yolando Drive, San Anselmo.
Wm. F Wegner, 225 Monte Vista, Larkspur.
Emil Person, 829 San Luis Road, Berkeley.

Construction Postponed Indefinitely.
RESIDENCE Cost, $18,000
VALLEJO, Solano Co., Calif.
Two-story and basement frame and stucco residence (11 rooms and 5 baths) tile roof, canvas walls, tile baths, wood sash, watertight hardware, oak floors, electric heating system (to be installed by owner)
Owner—Dr. E. J. Casper.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6696
SALINAS, Monterey Co., Cal. No. 418 California Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Dr. Lawrence C. and Stella B. Johnson, 129 Pine St., Salinas.
Architect—C. J. Ryland, P. O. Box 790 Monterey.
Contractor—A. B. McElheran, 147 California St., Salinas.

Plans Being Prepared.
RESIDENCE Cost, $5000
ROSS, Marin Co., Cal.
One-story frame residence (5 rooms), rustic exterior, clapboard roof, wood sash, gas heating system; Monterey type.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO. NE 24th Avenue and Ocean Avenue.
Two - story and basement frame and stucco residence.
Owner—C. W. and M. B. Headman, 1498 36th Avenue
Architect—Albert H. Larsen, 2671 16th Avenue.
Contractor—Anza Home Building Co 1498 36th Avenue.

Contract Awarded
RESIDENCE Cost, $6,500
SAN FRANCISCO. S Chestnut Street 115 W Baker St.
One - story and basement frame and stucco residence.
Owner—Jos. Marchegiani, 1241 Ninth Avenue.
Plans by Mr. Nelson
Contractor—Frank F. Nelson, 2 Edgehill Way.

Construction To Start Shortly.
RESIDENCE Cost, Price, $[illegible]
SAN FRANCISCO, Clarendon Heights St. Germain and Glenbrook)
Two-story frame and stucco residence (6 rooms and 2 baths) shake roof gas hot air heating system hardwood floors, tile baths, etc
Owner—Mr. Bartholemew
Architect—Masten and Hurd, 232 Post Street.
Contractor—Frank Nelson, 2 Edgehill Way.

Plans Being Figured.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Arlington Avenue.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) tile roof, gas heating system, hardwood floors, tile baths, steel sash, etc.
Owner—L. C. Uren.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
J. M. Walker, 1709 Grove St., Berkeley, is figuring the plans and desires sub-bids on all portions of the work.

PREPARING PRELIMINARY PLANS
HOLMBY HILLS, Los Angeles Co., Cal.—Architect Paul R. Williams, 3839 Wilshire Blvd., Los Angeles, is preparing preliminary plans for a two-story and basement, Georgian type residence to be built in Holmby Hills for a client. It will contain about 20 rooms and will probably be of frame construction, brick exterior, shingle roofing, air conditioning, Carrara glass kitchen, bathrooms and showers, hardwood and pine trim, oak and linoleum floors, etc. A general contractor and a landscape architect have been selected. Cost, $100,000.

Contract Awarded
RESIDENCE Cost, $10,700
SAN FRANCISCO. Monterey Blvd. bet. San Aliso and Westgate.
Two - story and basement frame and stucco residence.
Owner—William and Josephine Usher.
Architect—Charles F. Strothoff, 2271 15th Street.
Contractor — Stoneson Brothers, 1630 Ocean Avenue.

Plans Being Figured—Bids Close Sept 3, 12 Noon.
RESIDENCE Cost, $15,000
FRESNO, Fresno Co., Cal.
Two-story and basement frame and brick veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Fred Reimers, 233 Post St., San Francisco.
Following will submit bids:
Fisher & McNulty, Mattei Bldg.
J. D. Shorb, 1295 Linden Ave
Taylor & Wheeler, Inc., Power Bldg
J. T. Corvan.
All of Fresno.

Plans Being Prepared.
ALTERATIONS Cost, $5000
CLARKSBURG, Yolo Co., Cal.
Alterations and additions to residence (add five rooms, plumbing, painting, roofing, etc.)
Owner—Withheld.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.
Bids will be asked in about one week.

Contract Awarded
REPAIR RESIDENCE Cost, $1,500
BERKELEY, Alameda Co., Cal. 2629 Haste Street.
Repair fire damage to residence.
Owner—Florence Rule, 2629 Haste St., Berkeley.

Architect—Not Given.
Contractor — Fred J. Early, Jr., 366 40th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 2945 Brann Street.
One-story frame and stucco residence (five rooms).
Owner—A. E. Waldman, 3424 Haley St., Oakland.
Architect—Not Given.

Sub-Bids Being Taken.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Cal. Vernon St. near Perkins St.
Two-story frame and stucco residence (6 rooms and 2 baths).
Owner and Builder—Hufschmidt and Wayland, 337 17th St., Oakland.
Architect — Chester Treichel, 696 Cleveland St., Oakland. *

Contract To Be Awarded.
RESIDENCE Cost, $3,500
BERKELEY, Alameda Co., Cal. Coventry Road.
One-story wood frame residence (four finished and two unfinished rooms) shingle roof, shingle, exterior, hardwood floors, etc.
Owner—Mrs. Lucile Kirwan.
Architect—John H. Thomas, 31 Norwood Ave., Berkeley.
Contractor—C. O. Bradhoff, 911 55th St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two - story frame residence (California-Colonial style).
Owner—Boyce Clark.
Architect—Noble and Archie Newsom. Russ Bldg., San Francisco.
Contractor — A. Frederick Anderson, 1518 38th St., Oakland.

Contract Awarded
RESIDENCE Cost, $8,500
PALO ALTO, Santa Clara Co., Calif. 1484 Hamilton Avenue.
Two-story frame and stucco residence.
Owner—Elizabeth K. Smith, Staller Court Apts., Palo Alto.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto. *

Plans Being Figured.
RESIDENCE Cost, $5,550
RICHMOND, Contra Costa Co., Cal. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths, two lavatories, double garage) shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adcock.
Architect—J. H. Thomas 31 Norwood Avenue, Berkeley.

Plans Being Figured—Bids Close Sept. 3 4:00 P. M.
RESIDENCE Cost, $——
SAN FRANCISCO. Alta St. near Montgomery St. (On Telegraph Hill).
Two-story frame and stucco residence (9 rooms and 3 baths) composition roof, gas hot air heating system, tile baths, etc.
Owner—Miss Helen K. Forbes.
Architect—W. W. Wurster, 260 California St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1835
TIBURON, Marin Co., Cal.
Alterations to summer cottage (carpentry work, plumbing, etc.)
Owner—Ralph J. A. Stern, Tiburon.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Chas. J. Bacher, Woodland Ave., Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $5400
SAN ANSELMO, Marin Co., Cal.
Alterations and additions to one-story frame residence.
Owner—Frank Stadelmann, 91 Spring Grove St., San Anselmo.
Architect — Louis Mastropasque. 580 Washington St., San Francisco.
Contractor — Dominic B. Ferrero, 31 Belle Ave., San Anselmo.

Contract Awarded.
RESIDENCE Cost, $12,500
PALO ALTO, Santa Clara Co., Calif. No. 470 Santa Rita Avenue.
Two-story frame and stucco residence
Owner—C. E. Gordon, 1820 Cowper St., Palo Alto.
Architect—Leslie Nichols, 525 Guinda St., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Preparing Plans.
RESIDENCE Cost, $——
LAKE TAHOE, Placer Co., Cal.
Wood frame and stone residence (shake roof, wood stoves, flamo heat, etc.)
Owner—Max Fleischmann, San Francisco and Los Angeles.
Architect—Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles.
Mgr. of Constr.—Hilton & Leatherman, % Architect.

Contract Awarded.
RESIDENCE Cost, $4000
STOCKTON, San Joaquin Co., Calif. No 450 Lexington Avenue.
One-story frame and stucco residence (5 rooms) .
Architect—Not Given.
Contractor—B. T. Parsons, Rt. 4, Box 305, Stockton.

Contract Awarded.
RESIDENCE Cost, $5500
STOCKTON, San Joaquin Co., Cal. No. 1835 No. Edison Street.
Two-story brick veneer and frame residence (7 rooms).
Owner — John A. Valk, 1820 Carmel Ave., Stockton.
Architect—Not Given.
Contractor—J. M. Helterbrand, Rt. 1, Box 139, Stockton.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. Twenty-second St. near Eureka Street.
One-story frame and stucco residence (five rooms) tile and composition roofing, gas heating system, hardwood floors, tile bath, etc.
Owner—Mutual Realty Co., 3366 22nd Street.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—Robt. A. McAfee, 125 Cervantes Blvd. *

Preparing Working Drawings.
RESIDENCE Cost, $12,000
VALLEJO. Solano Co., Cal.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Fred Reimers, 233 Post St., San Francisco.

Excavation Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Parnassus Road.
Two-story frame and stucco residence (6 rooms and 2 baths) flat deck roof, shake roof on portion, oil burning heating system, hardwood floors, tile roof, etc. (General Electric Model Home).
Owner and Builder — J. M. W[illegible]er, 1709 Grove St., Berkeley.
Architect — John Dinwiddie, 360 [illegible] St., San Francisco.
Excavation — J. Henry Harris, [illegible] McGee Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, [illegible]
OAKLAND, Alameda Co., Calif., [illegible] Mountain Blvd.
One - story and basement fram[illegible] stucco residence (six rooms
Owner—Joel Johnson, 3937 High[illegible] Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 423 [illegible]las, Oakland.

Contract Awarded.
RESIDENCE Cost, [illegible]
BERKELEY, Alameda County, [illegible] Santa Barbara Road.
Two-story frame and stucco resi[illegible] (tile roof, oil burning heating [illegible]tem, hardwood floors, etc.)
Owner—Theo. Brower.
Architect—Noble and Archie Ne[illegible] Russ Bldg., San Francisco.
Contractor—Jensen & Pedersen, [illegible] Adeline St., Oakland.

Plans Being Figured—Bids Clos[illegible] August 31, 12 Noon.
RESIDENCE Cost, [illegible]
WALNUT CREEK, Contra Cost[illegible]
One - story California - Colonial [illegible] residence.
Owner—Withheld.
Architect—J. K. Ballantine, 37 [illegible]lan Place, San Francisco.

Contract Awarded.
RESIDENCE Cont. Price, $ [illegible]
SACRAMENTO, Sacramento Co. [illegible] Forty-sixth and J Streets.
Two-story and basement fram[illegible] concrete residence (10 room[illegible] 4 baths) Tudor style, stucco [illegible]terior, half timber, cast st[illegible] steel windows, tile roof, stee[illegible]
Owner—Very Rev. Emile S. and[illegible] Harper, Sacramento.
Architect—Arnold Constable, 580 [illegible]ket St., San Francisco.
Contractor — Moore & Roberts, [illegible] Mission St., San Francisco.
Complete bids published Aug. [illegible]

Plans Being Completed.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San [illegible] County, Calif.
Two - story and basement fram[illegible] stucco residence (11 rooms [illegible] baths) Provincial French [illegible] wood shake roof, gas hot air [illegible]ing system, hardwood floor[illegible] baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West[illegible]tal and Portal Drive, San [illegible]cisco.
Bids will be asked in about 2 [illegible]

Owner Taking Bids.
RESIDENCE Cost, [illegible]
LOS ALTOS, Santa Clara Co., [illegible]
One-story concrete block reside[illegible] rooms).
Owner—Mrs. Hazel Messersmit[illegible] Altos.
Architect — Mario Corbett, Ber[illegible] Franklin Hotel, San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, [illegible]
OAKLAND, Alameda Co., Cal. [illegible]nyhills Road and Hillwood [illegible]
Two-story frame and stucco res[illegible] (7 rooms, 2 baths) double g[illegible] tiled baths, shingle roof, ga[illegible] furnace, hardwood floors, et[illegible]
Owner—Mrs. Hazel Culin.
Architect—Dragon and Schmidt[illegible] Allston Way, Berkeley.
Contractor—C. M. Norgrove [illegible] Roosevelt St., Berkeley.

umbing—J. A. Fazio, 2059 Webster St., Oakland.
ectric Wiring—Fred Schmitz, 430 Moss Ave., Oakland.
ating and Sheet Metal—J. C. Owens Sheet Metal W'ks, 1612 Carleton St., Berkeley.
e Work—Brockhurst Tile Co., 2819 Shattuck Ave., Berkeley.
ncrete—Schnoor Bros., 6016 Claremont Ave., Oakland.
inforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
mber—Loop Lumber & Mill Co., Alameda.
inting—R. C. McRice, 2905 Hopkins St., Oakland.
nish Material—Clinton Mill & Lbr. Co., 701 4th Ave., Oakland.
ick and Stone Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
noleum—Higgins Awning and Linoleum Co., 2335 Broadway, Oakland.

---

ub-Contracts Awarded.
ESIDENCE Cost, $9,000
STOCKTON, San Joaquin Co., Calif.
o - story and basement frame and stucco residence (Mission style) tile roof, electric heating system, hardwood floors, tile baths.
wner—Mrs. Montgomery.
chitect—Jos. Losekann, 1218 Harding St., Stockton.
ntractor—W. J. Scott, 1661 West Poplar St., Stockton.
oofing—Noble Brown Roofing Co., 130 W. Fremont St., Stockton.
umbing—Lyons Plumbing & Heating Co., 1751 North Wilson Way, Stockton.
ectric Wiring—Square Electric Co., 1536 S. Grant St., Stockton.
eet Metal—American Sheet Metal Works, 1528 E. Main St., Stockton.
le Work—Onyxite Co., Oakland.
ncrete—C. H. Miller, R. F. D. No. 4, Box 43-Y, Stockton.
ood Sash—Electric Planing Mill Co., Hazelton and Monroe Sts., Stockton.
inforcing Steel—Austin Company.
antel—R. Williams, Hotel Bronx, Stockton.
ass—Electric Planing Mill, Hazelton and Monroe Sts., Stockton.
on Grille Work—Schafer Iron W'ks, 830 S. Ophir St., Stockton.
mber—Stockton Lumber Co., 347 S. Commerce, Stockton.
inting—Blanchard Paint Co., 616 E. Main St., Stockton.
thing and Plastering—Crispin and Grahlman, Sinclair Ave., Stockton.
nish Material—Electric Planing Mill Hazelton and Monroe, Stockton.
rading—Willard & Biasotti, 40 W. Clay St., Stockton.
oundations—C. H. Miller, R. F. D No. 4, Box 43-Y, Stockton.
rick and Stone Work—Richard Williams, Hotel Bronx, Stockton.
rnamental Iron—Schafer Iron W'ks, 830 S. Ophir St., Stockton.

---

lans Being Completed.
ESIDENCE Cost, $14,000
ALNUT CREEK, Contra Costa Co.
ne - story brick residence (9 rooms, 3 baths) shake roof, oil burning steam heating plant, steel sash, hardwood floors, tile baths, etc.
wner—Withheld.
rchitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

---

ub-Contracts Awarded.
ESIDENCE Cost, $5000
ERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
ne-story and basement frame residence (5 rooms, 2 baths) rustic exterior, shingle roof, gas heating system, oak floors, tile baths, double garage, etc.
Owner—John Imrie.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.
Sheet Metal—Standard Iron Works, 1910 Clement St., Alameda.
Plumbing—Suendermann Plumbing Co., 921 University Ave., Berkeley.
Wiring—James Anderson, 2121 23rd Ave., Oakland.
Brick Work—W. H. Wisheropp, 3749 Quigley St., Oakland.
Lumber and Mill Work—Tilden Lumber Co., foot of University Avenue, Berkeley.
Foundations—A. A. Johnson, 1844 Channing Way, Berkeley.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Calif. Sea View Avenue.
Two - story and basement frame and stucco residence (7 rooms).
Architect—Williams and Wastell, 374 17th St., Oakland.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley.
Plumbing—James Rankin, 1972 San Pablo Ave., Oakland.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.

Plans Being Completed.
RESIDENCE Cost, $8,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) composition roofing, steel sash, hardwood floors tile baths, etc.
Owner—M. Langstroth, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be asked in about 1 week.

Contract Awarded
RESIDENCE Cost, $4,000
UNIVERSITY PARK, San Mateo Co., Cal. Perry Avenue.
One-story frame and stucco residence
Owner—Mrs. W. Hall.
Architect—Not Given.
Contractor—A. A. Smith, 449 Hillsborough St., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Cal. 656 Hale Street.
Two-story frame and stucco residence
Owner—C. Samuelson, 548 N Second St., San Jose.
Architect—Not Given

Plans Being Completed.
RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (six rooms) tile roof, gas heating system, steel sash, hardwood floors, tile bath
Owner—J. E. Niel.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be asked in about 1 week.

Sub-Contracts Awarded.
RESIDENCE Cost, $8,100
OAKLAND, Alameda Co., Cal. Sunnyhills Road and Hillwood Place.
Two-story frame and stucco residence (7 rooms, 2 baths) double garage, tiled baths, shingle roof, gas fired furnace, hardwood floors, etc.
Owner—Mrs. Hazel Culin.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Lumber—Loop Lumber Co., Broadway and Blanding Sts., Alameda
Mill Work—Clinton Mill & Lbr. Co., 701 4th Ave., Oakland.
Painting—R. C. McRice, 2905 Hopkins St., Oakland.
Brick Work—W. H. Wisheropp, 3749 Quigley St., Oakland.

As previously reported, heating contract awarded to J. C. Owens, 1612 Carlton St., Berkeley, at $275

Plans Being Completed.
RESIDENCE Cost, $7
MILL VALLEY, Marin Co., Calif
One - story and basement frame and stucco residence (6 rooms)
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland

Owner Taking Sub-Bids.
RESIDENCE Cost, $
HILLSBOROUGH, San Mateo County, Calif. Las Canada Road.
Two-story residence (siding and brick exterior, probably shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.)
Owner—J. H. Peterson, 1121 Bento Ave., Burlingame.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO, W Castro 149 N 22nd Street.
Two-story and basement frame and stucco residence.
Owner—Thos. G. Morris, 436 Alvarado Street.
Architect—Oscar Thayer, 1120 Union Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO, E 11th Avenue 50 N Kirkham Street.
Two one-story and basement frame and stucco residences.
Owner—M. McDonough, 148 Randall Street.
Architect—D. D. Stone, 110 Sutter St.

Contract Awarded
RESIDENCE Cost, $2,000
BERKELEY, Alameda Co., Cal. 1339 Berkeley Way.
One-story frame residence (3 rooms).
Owner—H. Lykman, 1522 Francisco St., Berkeley.
Architect—Not Given.
Contractor—A. Hammarberg, 2530 Hilgard Ave., Berkeley

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3252 Florida Street.
Two-story frame and stucco residence (6 rooms).
Owner—A. B. Leekins.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Calif. 1502 Mountain Blvd.
Two-story frame and stucco residence
Owner—Wm. Fleager, 927 Indian Rock Road, Berkeley.
Architect—Not Given

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1601 Mountain Blvd.
One - story and basement frame and stucco residence.
Owner—Helen D. Atkinson
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, W 26th Avenue N Ocean Avenue
Two one-story and basement frame and stucco residences.
Owner and Builders—James Arnott 633 Taraval Street

Architect—Harold Stoner, West Portal and Portola Drive.

Contract Awarded
RESIDENCE Cost, $6,000
SAN FRANCISCO. E Tocolonga, N. Blanken Street.
Two - story and basement frame and stucco residence.
Owner—Dr. Val C. Holmer, 734 Pine Street.
Architect—C. O. Clausen, 7 4 6 46th Avenue.
Contractor—Wm. H. Grahn, 2965 Mission Street.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Alemany Blvd. E Ottawa.
One - story and basement frame and stucco residence.
Owner—Modern Bldg. Co., 625 Hearst Building.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Jennings 50 S. Ingerson.
One - story and basement frame and stucco residence.
Owner—Luigi Licata, 551 Chestnut.
Architect—J. A. Porporato, 619 Washington Street.

Planned.
RESIDENCES Cost, $——
BURLINGAME, San Mateo Co., Cal. Burlingame Ave. and Bayshore Highway and Oak Grove Ave.
Group of residences.
Owner—Crossways Development Co., et al.
Architect—Not Given.
Contractor—J. B. Oswald, 1150 Industrial Ave., Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
PALO ALTO, Santa Clara Co., Cal. No. 702 Columbia Street.
Two-story frame and stucco residence
Owner and Builder—O. R. Meacham, 726 Columbia St., Palo Alto.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Pierce St. 31 S Filbert Street.
Two-story frame and stucco residence
Owner—Arthur DeLuca, 2256 Jones St., San Francisco.
Architect—Not Given.
Contractor—DeLuca & Sons,1745 Filbert St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
OAKLAND, Alameda Co., Cal. No. 2932 75th Avenue.
Two one-story and basement frame and stucco residences (5 rooms).
Owner & Builder—Folke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given.

BIDS WANTED

CASPER, Wyo.—Until Sept. 21, 10 A. M., bids will be received by the Bureau of Reclamation, H. W. Bashore, Construction Engineer, Casper, for erecting an office building, dormitory, combined garage and shop, four 4-room residences and three 5-room residences at Seminoe Dam and one 5-room residence at Alcova Dam, Casper-Alcova Project; Spec. No. 643.

Seminoe Dam is located about 37 miles northeast of Parco, Wyo., and the Alcova Dam is located about 30 miles southwest of Casper.

The buildings and residences, except the agrage and shop building, will be of wood frame construction, with siding over sheathing on the exterior walls, and the interior walls and ceilings will be plaster over wood or metal lath. The foundation walls, footings, and basement floors will be of concrete. The walls and floors of the garage and shop building will be of concrete. The roofs will be covered with cement - asbestos shingles over solid sheathing. The walls and ceilings will be insulated. Gravity warm-air heating systems will be installed in the residences and in the office building and a mechanical warm air and fan system in the dormitory. The schedule provides for lump sum bids for the construction of the buildings and residences except excavation and concrete, and for unit prices for these items. The installation of plumbing, heating and electrical facilities will be included in the lump-sum prices bid for the construction of the buildings and residences.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the specifications which will be a part of the contract.

A charge of $2.50 per set will be made for plans and specifications which may be obtained from the office of the Bureau at Casper, Denver or Washington, D. C.

Sub-Contracts Awarded.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 1601 Mountain Blvd.
One - story and basement frame and stucco residence.
Owner—Helen D. Atkinson.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland.
Mill Work—Atkinson Mill & Mfg. Co., 2985 Chapman St., Oakland.
Lumber—Smith Lbr. Co., 19th Ave., and Estuary, Oakland.
Brick Work—W. H. Wisheropp, 3749 Quigley, Oakland.
Painting—Bloomgren Bros., 1927 Russell St., Berkeley.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Lighting Fixtures—Roberts Mfg. Co., 480 23rd St., Oakland.
Concrete—A. A. Johnson, 184 Channing Way, Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $4000
EAST OAKLAND, Alameda Co., Cal.
One and one-half-story frame residence (5 rooms) shingle roofing, some brick work, gas heating system, hardwood floors, steel sash, etc.
Owner—Withheld.
Architect—Guy L. Brown, American Bank Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $4,500
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (6 rooms, 1 bath and one lavatory) shingle roof, wood sash, tile bath, hardwood floors, etc.
Owner—Withheld.
Architect—Ray Keefer, 7 7 0 Wesley St., Oakland.

Contract Awarded.
RESIDENCE Cost, $3,290
SACRAMENTO, Sacramento Co., Cal. Lot 4, E. Ridgeway.
One - story and basement frame and stucco residence.
Owner—Alma and Herbert M. Link
Architect—Not Given.
Contractor—Jul Johnson & Son, 1923 17th St., Sacramento.

Contract Awarded.
ADDITION Cost, $30
SAN FRANCISCO. No. 3173 Twenty first Avenue.
Addition to residence.
Owner—E. W. Parsons, 761 Post St San Francisco.
Architect—Not Given.
Contractor — L. H. Stevenson, 1 Merced St., San Francisco

To Be Done by Day's Work.
RESIDENCE Cost, $40
OAKLAND, Alameda Co., Cal. N 8715 A Street.
One-story frame and stucco residen (5 rooms).
Owner & Builder, Tony M. Silva, 10 87th Ave., Oakland.
Architect—Not Given

Contract Awarded.
RESIDENCE Cost, $50
OAKLAND, Alameda Co., Cal. N 4606 Fairbairn Avenue.
One-story and basement frame a stucco residence (5 rooms).
Owner—J. H. Buhl.
Architect—Not Given.
Contractor — A. E. Waldman, 34 Haley St., Oakland.

Contract Awarded
RESIDENCE Sost, $11,1
SAN FRANCISCO. N Francisco Ea Powell St.
Two - story and basement frame a stucco residence.
Owner—Onofrio Damato and C. Dam to, 83 Water Street.
Plans by L. Dallorso, 32 Jansen St.
Contractor—Alessandro Sanglacoma Arturo Barsotti, 1499 Quesada S

Plans Being Figured.
RESIDENCE Cost, $—
PIEDMONT, Alameda Co., Cal. Ca anaugh Road.
Two-story and basement frame a stucco residence (8 rooms and baths) tile roof, gas heating sy tem, hardwood floors, tile bath steel sash.
Owner—L. Ostaggi.
Architect—Not Given.
J. M. Walker, 1709 Grove St. (As 9363) is figuring the plans and desir sub-bids on all portions of the work

To Be Done By Day's Work.
ADDITION Cost, $1,5
OAKLAND, Alameda Co., Cali 55 Telegraph Avenue.
Addition to residence.
Owner—J. G. Jacques, 5542 Telegra Ave., Oakland.
Architect—Not Given.

Construction Postponed Temporarily
RESIDENCE Cost, $65
WALNUT CREEK, Contra Costa C Calif.
Two-story frame residence (5 room Colonial style.
Owner—Withheld.
Architect—Earl MacDonald, 194 John St., Oakland.

Contract Awarded.
RESIDENCE Cost, $—
WOODSIDE, San Mateo Co., Calif.
One - story brick veneer residence rooms, 3 baths) shingle roof, g heating system, tile baths, etc.
Owner—Phelps Hunter.
Architect—Gardner Dailey, 2 1 0 Po St., San Francisco.
Contractor—G. H. Meese, 1401 Flor bunda Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $—
VALLEJO, Solano Co., Calif. Vis de Vallejo.
One-story Monterey-Colonal type re idence.
Owner—Louis J. Claus, Vallejo.

rchitect—Jas. Narhett, 466 31st Ave., Richmond.
ontractor—Robert B. Hathaway, 1201 Tennessee St., Vallejo.

ids Opened.
ESIDENCE Cost, $——
ACRAMENTO, Sacramento Co., Cal. Forty-sixth and J Streets.
wo - story and basement frame and concrete residence (10 rooms and 4 baths) Tudor style, stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash.
wner—Very Rev. Emile S and Mrs. Harper, Sacramento.
rchitect—Arnold Constable, 580 Market St., San Francisco.
ow Bidder—Moore and Roberts, 693 Mission St., San Francisco.
Complete bids follow:

oore & Roberts, S. F.	$18,065
R. Siegrist, S. F.	18,465
ed DuPuy, San Francisco	18,675
W. Robertson, Sacramento	18,713
H. Lund, Sacramento	18,874
A. Corum, Sacramento	20 775

Contract to be awarded to the low dder.

lans Being Prepared.
ESIDENCE Cost, $3,500
AN LEANDRO, Alameda Co.
ne-story wood frame residence (4 rooms) Colonial style, rustic exterior, shingle roof, gas floor furnace, hardwood floors, tile bath, wood sash, etc.
wner—Withheld.
rchitect—Ray Keefer, 770 Wesley St., Oakland.

ontract Awarded.
EPAIRS Cost, $1,500
OCKTON, San Joaquin Co., Calif 827 North Sierra Nevada
epairs to residence.
wner—Louis K. Sanguinetti, premises.
rchitect—Not Given.
ontractor—George Roek, 1724 West Cornell St., Stockton.

o Be Oone By Day's Work.
ESIDENCE Cost, $4000
AKLAND, Alameda Co., Cal. No. 6124 Mauritania Avenue.
ne-story frame and basement residence.
wner and Builder—O. S. Moen, 4201 E-16th St., Oakland.
rchitect—Not Given.

lans Being Completed.
ESIDENCE Cost, $——
AYWOOD PARK, San Mateo Co.
wo-story Monterey Colonial Type residence (6 rooms and 2 baths), shingle tile roof, frame and stucco construction, wood and brick exterior oak floors, tile baths, wood sash, gas warm-air heating system, etc.
wner—Withheld.
rchitect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in three or four eeks.

ontract Awarded
ESIDENCE Cont. Price, $15,650
AN FRANCISCO. Sherwood Forest.
wo - story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
wner—B. L. Lechens.
rchitect—Harold Stoner, West Portal and Portola Drive.
ontractor — G. P. W. Jensen, 320 Market Street.

o Be Done By Day's Labor.
ESIDENCE Cost, $4500
AN FRANCISCO. SE Madrid St. and Persia Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Matire & Alessandri, 158 Lisbon St., S. F.
Architect—R. R. Irvine, 3131 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4142 Waterhouse Road.
One-story frame and stucco residence (5 rooms).
Owner—E. M. and Rose Maloney.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Prospective Bidders
RESIDENCE Cost, $——
SAN FRANCISCO. Alta Street near Montgomery Street (on Telegraph Hill.
Two-story frame and stucco residence (9 rooms and 3 baths) composition roof, gas hot air heating system, tile baths, etc.
Owner—Miss Helen K. Forbes.
Architect—W. W. Wurster, 260 California Street.
Following have procured plans:
D. B. Gladstone, 557 Market Street, San Francisco.
Robert McCarthy, 1363 14th Ave., San Francisco.
Emil Person, 829 San Luis Road, Berkeley.
F. G. Appelbe, 2405 Acton Street, Berkeley.
H. P. Hoyt, 325 Fremont Street, San Francisco.
Paul K. Jones, 666 Mission Street, San Francisco.

Owner To Take Bids Immediately.
RESIDENCE Cost, $2,500
SAN CARLOS, San Mateo Co., Calif.
One-story frame and stucco residence (4 rooms) shingle roof, wood sash, hardwood floors, etc.
Owner—Carl Yearing, 1303 San Carlos Ave., San Carlos.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo

Plans Being Completed.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
One-story and basement Monterey Colonial type residence (5 rooms, 1 bath) shake roof, oak floors, wood and steel sash, gas warm-air heating system, etc.
Owner—Mrs. F. R. Axton, 19 Monte Ave., Piedmont.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Owner will take bids within one week.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 2462 Funston Avenue.
Alterations to residence and construct retaining wall.
Owner—G. E. Prunk, Premises.
Engineer—T. S. Boehm, 2048 Market St., San Francisco.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

15— SCHOOLS

To Seek Funds.
SHOWER ROOMS Cost, $8000
HOLLISTER, San Benito Co., Cal.
One-story frame shower room building at High School.
Owner — San Benito County High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application will be filed with the PWA for a loan and grant to finance the proposed work.

Plans Awaiting PWA Approval.
HIGH SCHOOL Cost, $60,000
CEDARVILLE, Modoc Co., Cal.
One-story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Suprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St. Sacramento.
Application filed with the PWA for a loan and grant to finance proposed work.

Plans Awaiting PWA Approval.
ADDITION Cost, $75,000
ELK GROVE, Sacramento Co., Cal
Brick and steel addition to High School.
Owner—Elk Grove High School Dist.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application filed with PWA for a loan and grant to finance the work.

Bids Opened.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Cal. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (two classrooms and assembly hall).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder — Lawrence Constr. Co., 5273 9th St., Sacramento, $26,350
Only other bid was submitted by L. Ubels, Ripon, at $26,820.
Bids held under advisement.

Bids Opened.
RECON. SCHOOL Cost, $130,000
BERKELEY, Alameda Co., Calif. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—W. C. Ambrose, % Berkeley Board of Education.
Engineer—Thos. Chace, Berkeley Bd. of Education.
Low Bidder—Dinwiddie Constr. Co., Inc., 1101 Crocker Bldg., San Francisco., $133,400.
Bids were taken as follow:
(1) Total bid.
(2) Deduct for salvaged material.
Alternates:
(A) Deduct for omitting plaster ceiling in auditorium.
(B) Deduct for alternative type clock system.
(C) Add for substituting celotex for plaster as directed.
Complete bids follow:

Dinwiddie Constr. Co., Inc.	(1)	$133,400
	(2)	3,500
	(A)	867
	(B)	1,480
	(C)	360
MacDonald & Kahn Co., Ltd.	(1)	135,500
	(2)	500
	(A)	300
	(B)	1,400
	(C)	800
Lindgren & Swinerton, Inc	(1)	148,928
	(2)	100
	(A)	500
	(B)	1,500
	(C)	800
K. E. Parker Co.	(1)	156,400
	(2)	1,000
	(A)	.....
	(B)	1,480
	(C)	1,000

Bids were taken under advisement.

PLANNED
COOLIDGE, Ariz.—Coolidge Union High School District proposes calling a bond election to obtain funds for the construction of a high school at

Coolidge. The board of education has approved plans for the building which will be a two-story structure containing 10 classrooms, combination gymnasium and auditorium, shower and dressing rooms, nurse's room, principal's and school board offices, library, manual training and domestic science rooms; frame and stucco construction, tile roofing, six colonnades, heating system, etc. A PWA grant of $16,946 has been approved and sent to Washington for final check. Cost of the project including purchase of a site is estimated at $104,325. Orville A. Bell, Phoenix, architect for the district.

Sub-Contracts Awarded.

REGON SCHOOL Cont. Price, $53,191
OAKLAND, Alameda Co., Calif. 81st Avenue and Olive Street.
Reconstruction and rehabilitation of Webster School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor — George Swanstrom, 1615 78th St., Oakland.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Structural Steel—Moore Dry Dock Co., foot of Adeline St., Oakland.
Sheet Metal—Aladdin Heating Corp., 5107 Broadway, Oakland.
Roofing—Bay Cities Roofing Co., 1843 12th St., Oakland.
Lathing and Plastering—C. H. Burnett, 865 32nd St., Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland
Plumbing and Heating—Madden Plbg. & Htg. Co., 3119 San Pablo Ave., Oakland.
Electric—T. L. Rosenberg, 411 Webster St., Oakland.
Lumber—Sunset Lbr. Co., 400 High St., Oakland.
Mill Work—California Mill Co., 1829 Webster St., Alameda.
Blackboards—J. W. Fricke, 420 Market St., San Francisco.
Painting—J. J. Burdon, 587 Athol Avenue, Oakland.
Window Shades—Tri - City Window Shade Co., 1127 3rd Ave., Oakland.
Glass and Glazing—W. P. Fuller & Co. 259 10th St., Oakland.

BONDS VOTED

LAKE COUNTY, Cal.—Burns Valley School District voted bonds in the amount of $16,500 Aug. 22. Proceeds to finance construction of a one-story frame and stucco grammar school to contain eight classrooms. Preliminary plans prepared by Architects Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

BOND ELECTION PLANNED

SAN LEANDRO, Alameda Co. Cal. —San Leandro School District will vote in the near future on a proposal to issue bonds in the amount of $110,000, proceeds to finance reconstruction and strengthening of schools in San Leandro.

Work involves bracing and reconstruction work at the Lincoln, McKinley, Washington and Roosevelt Schools.

Plans prepared by Engineer H. J. Brunnier, Sharon Bldg., San Francisco.

PLANNED

GLENDALE, Los Angeles Co., Cal. —Glendale Board of Education has called an election for October 29 at which time it is proposed to vote bonds in the sum of $195,000, proceeds to be used to partially finance the construction of a new Junior College plant in Glendale. Total cost of the project is estimated at $354,660, the difference of $159,597 to come from an expected PWA grant. The plant will consist of an administration building and a science building, each to be 2-story, reinforced concrete structures, and two locker buiklings. Estimated cost of the buildings is $292,160, equipment, in addition to that in the present Junior College, $15,000, and grading of the site, $17,500. The site selected, to cost $30,000, comprises 25 acres at Verdugo Road and Canada Blvd.

BOND ELECTION PLANNED

PLEASANTON, Alameda Co., Cal. —Amador Joint Union High School District will vote shortly on a proposal to issue bonds in the amount of $50,000, proceeds to finance construction of a new auditorium at the High School.

Further details will be announced shortly.

BONDS VOTED

OILDALE, Kern Co., Cal.—Standard School District voted bonds in the amount of $55,000 August 23, to finance construction of a school auditorium in Oiklale. Preliminary plans prepared by Architect Chas. H. Biggar, Haberfeide Building, Bakersfield, provide for an auditorium to seat 1,500.

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal. —Richmond Navigation and Improvement Co., Richmond, awarded contract by the Richmond Union School District for following materials for the Roosevelt auditorium reconstruction work:

(1) 800 bbls. Portland cement, $2,096;
(2) 250 yards No. 3 crushed rock, $528,75;
(3) 125 yards No. 4 do, $264.38;
(4) 250 yards Niles sand, $749.25.

Two percent discount, 15 days.

Bids Wanted—To Close Sept. 20th, 8 P. M.

SCHOOL Cost, $36,000
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school building (9 classrooms, study room art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.

Plans and specifications may be obtained from the architects upon deposit of $25.

Contract Awarded.

ADDITION Contract Price, $15,080
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School (brick construction, composition roofing, extension of present steam heating system, wood floors, etc.)
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, 1116 O St., Sacramento.

Contract awarded subject to the approval of PWA.

LOW BIDDER

LONG BEACH, Calif. — Trewhitt-Shields Co., Security-First National Bank Bldg., Fresno, submitted low bid to Long Beach board of education at $83,776 (using salvaged materials) for the construction of the Luther Burbank elementary school. Low bids on other work are: Coast Electrical Co., 2350 Cedar Ave., Long Beach, electric wiring at $6369; J. Herman Co., 1349 E. Vernon Ave., Los Angeles, heating, at $5932; Thos. E. Williams, 256 Alamitos Avenue, Long Beach, plumbing at $7856. Kenneth Wing, 501 Termino Ave., Long Beach architect.

BOND ELECTION PLANNED

EASTON, Fresno Co., Cal.—Washington Union High School Dist. will vote in the near future on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a new gymnasium at the Washington Union High School Easton.

Contract Awarded.

REPAIR LOFTS Cost, $20
SAN FRANCISCO. No. 1366-1370 Mission Street.
Repair fire damage to lofts.
Owner — A. Botto, Russ Bldg., San Francisco.
Architect—Not Given.
Contractor—Fred J. Early Jr., 3 Pine St., San Francisco.

Show Window and Entrance Contracts Awarded.

ALTERATIONS Cost, $—
SAN FRANCISCO. 833 Market Street
Alterations to first, second and basement floors of building for store (terra cotta or marble front, electrical work, bronze work, painting, decorating, etc.)
Owner — California Academy of Sciences.
Lessees—Lerner Shops (Samuel Lerner in charge).
Architect—D. D. Stone, 110 Sutter St.
Show Windows and Entrance—L. a E. Emanuel, 2665 Jones Street.

Mr. L. Johnson(Lerner Shop) 8 Market St. ,is now receiving bids marble, granite, terra cotta, electric work and plastering.

Contract Awarded.

ALTERATIONS Cost, $30,0
SAN FRANCISCO. NW Post Street and Stockton.
Alterations to store bldg. (new front marble and bronze work, n work, showcase, etc.)
Owner—Randolph's Jewelry Co.
Architect — Albert Schroepfer, 2 Kearny Street.
Contractor—Jacks & Irvine, 620 Market Street.

Construction Started.

ALTERATIONS Cost, $5
SAN FRANCISCO. 875 Market St
Alterations to store.
Owner—Grayson Shop, premises.
Architect—Ed. M. Sharpe, 525 Mark
Engineer and Contractor — Alfred Fisher, 111 Sutter Street.

Contract Awarded.

ALTERATIONS Cont. Price, $19,0
SAN FRANCISCO. Kearny Street a Maiden Lane.
Alterations to 8-story and baseme Class A department store buildi
Owner—Weinstein Co., (Isadore Weinstein, President).
Architect — Hyman & Appleton, Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Preparing Working Drawings.

IMPROVE SCHOOL Cost, $—
CROCKETT, Contra Costa Co., Ca
Structural changes to west wing grammar school.
Owner — Carquinez Grammar Sch District.
Structural Engineer—Dewell & Ea 55 New Montgomery St., S. F.
Architect — Henry H. Gutterson, Powell St., San Francisco.

Bids Opened.
RECON. SCHOOL. Cost, $125,000
OAKLAND, Alameda Co., Cal. No 1926 19th Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Bank of America Bldg., Oakland, and Oakland Board of Education.
Low Bidder—K. E. Parker Co., 135 South Park, San Francisco.
Complete bids follow:
(1) deduct for removing salvage materials.
K. E. Parker Co., S. F..... $106,400.00
(1) 2,740.00
Lindgren & Swinerton, S. F. 128,663.00
(1) 25.00
MacDonald & Kahn, S. F..... 131,921.00
(1) 500.00
Bids held under advisement.

Preparing Working Drawings.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked in about thirty days.

CONTRACT AWARDED
RENO, Nevada.—Reno Sheet Metal Works, Reno, at approximately $7,500 awarded contract by Reno School District for remodeling the heating plants in the Mary S. Soten and Mt. Rose elementary schools, Reno. Hunter & Hudson, 41 Suter St., San Francisco, mechanical engineers.

16— BANKS, STORES AND OFFICES

Plans Being Prepared.
ALTERATIONS Cost, $——
MODESTO, Stanislaus Co., Calif.
Alterations to store building (work involves new fixtures, alterations to front, tile work, some marble.)
Owner—Mellis Brothers, Modesto.
Architect—G. N. Hilburn, 1213 I St. Modesto.

Contract Awarded
RESTAURANT Cont. Price, $4,293
SAN FRANCISCO. Taylor Street, bet. Jefferson St. and Pier 45.
Two-story frame and stucco restaurant (27x31 feet) tile roof, wood floors, etc.
Owner—State of California, (Board of Harbor Commissioners).
Contractor — M. E. Vukicevich, 709 Mission Street.
Complete bids follow:
M. E. Vukicevich $4,293
Leo Epp 4,573
F. C. Amoroso & Sons 4,670
J. Harold Johnson 4,753
Frank J. Reilly 4,781
DeLuca & Son 4,848
H. L. Petersen 4,993
John E. Branagh 5,195
Barrett & Hilp 5,336
Hannah & Wooldridge 5,363
M. Brueck 5,800

Contract Awarded.
OFFICES, ETC. Cost, $10,000
FAIRFIELD, Solano Co., Cal. Texas Street.
One-story frame and stucco office and storeroom building (88x140 feet); plate glass front).
Owner—Diamond Match Company.
Plans by Engineering Dept of Owner
Contractor—Louis Hagemann and H. Klingsell, Fairfield.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 1515 Polk Street
Alterations to store building
Owner—Frank Dalgero, 3169 Lyon
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 680 Market St
Alterations to store building.
Owner—Florsheim Shoe Co., Chicago.
Plans by Engineering Dept. of Owner.
Contractor—Louis C. Dunn, 421 Monadnock Bldg.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO. 756 Market St
Alterations to store building.
Owner—Florsheim Shoe Co., Chicago.
Plans by Engineering Dept. of Owner.
Contractor—Louis C. Dunn, 424 Monadnock Bldg.

To Be Done By Day's Work.
STORES Cost, $——
SAN FRANCISCO. N Broadway 68 W Grant Ave.
One-story frame store building (five stores).
Owner—B. Huth, 1300 Pacific Ave.
Architect—Not Given.

BONDS VOTED
CLOVERDALE, Sonoma Co., Cal.—Cloverdale Union High School District voted bonds in the amount of $51,000 August 20. Proceeds to finance construction of a one-story frame and stucco academic building at Cloverdale.
Preliminary plans prepared by Architects Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO. 540 Bush Street.
Alterations to storage and office bldg.
Owner—Pacific Gas & Electric Co., 245 Market Street.
Plans by Engineering Dept. of Owner.
Contractor—Joe Piasecki, 354 Haight.

Contract Awarded
ALTERATIONS Cost, $4,000
OAKLAND, Alameda Co., Calif. 1930 Telegraph Avenue.
Alterations to store.
Owner—H. C. Capwell Co., premises
Architect—Not Given.
Contractor—Henry Brown, 1387 East 32nd St., Oakland.

Contract Awarded
ALTERATIONS Cost, $2,600
SAN FRANCISCO. 35 Taylor Street.
Alterations to restaurant.
Owner—Will King's R.K.O. Grill, 35 Taylor Street.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Being Done By Day's Work.
ALTERATIONS Cost $5,000
ALAMEDA, Alameda Co., Calif. SW Alameda Ave. and Park St.
Alterations to brick lodge (temporary classrooms for SERA school).
Owner—Masonic Temple Assn., Premises.
Architect—Not Given.
Labor is being furnished by SERA.

Plans Being Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 833 Market Street.
Alterations to first, second and basement floors of building for store (terra cotta or marble front, electrical work, bronze work, painting, decorating, etc.)
Owner — California Academy of Sciences.
Lessees—Lerner Shops (Samuel Lerner in charge).
Architect—D. D. Stone, 110 Sutter St.
Bids will be asked in about one week.

PLANS BEING FIGURED
SANTA BARBARA, Calif.—Architects Edwards and Plunkett, 114 E de la Guerra St., Santa Barbara, are taking bids for remodeling the Paseo del Flores, which leads from State St., to El Paseo, for El Paseo interests. Work will consist of widening of the passage way and remodeling of the State Street opening.

Contract Awarded.
STORE & RESIDENCE Cost, $6000
SAN FRANCISCO. SE Mission St. 225 SW Persia Street.
Two-story frame store and residence.
Owner—Donato Bellano, 165 Richland Ave., San Francisco.
Plans by C. S. McNally, 357-B Richland Ave., San Francisco.
Contractor—C. Lindberg, 1 Naylor St. San Francisco.

Construction Temporarily Postponed.
STORE & APT. Cost, $——
SAN FRANCISCO. Irving Street near Ninth Avenue.
Two - story and basement frame and stucco store and apartment (four room apartment) hardwood floors, tile bath, etc. (store to have dyed cement floors, comoosition roofing gas heating system, etc.)
Owner—Withheld.
Architect—F. F. Amandes, 1879 18th Avenue.

Sub-Contracts Awarded.
OFFICE Cost, $——
SAN FRANCISCO. Geary St., Arguello Blvd., Turk St. and Parker Ave
One-story wood frame office building (rustic exterior).
Owner—Coldwell, Cornwall & Banker 57 Sutter Street.
Plans by Owners.
Contractor—Fred. DuPuy, 110 Sutter.
Glass—Arthur Goepp, 70 12th Street.
Plumbing—Scott Co., 243 Minna St.
Electric—F. F. Goodman, 1466 33rd Avenue.
Painting—A. A. Zelinsky, 3011 Steiner Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Lumber—Roth-Maier Lumber Co., 2800 Third Street.
Hardware — Lee Hardware Co., 151 New Montgomery St.
Mill Work — Pacific Mfg. Co., 454 Montgomery Street.

17— THEATRES

Postponed Temporarily.
ALTERATIONS Cost, $14,000
ROSEVILLE, Placer Co., Cal. Main Street.
Alterations and additions to theatre (work involves interior and exterior alterations, new stage equipment, drapes, curtains, electrical equipment, new carpets, seats, projection room and projection equipment, new wiring, etc.)
Owner—Harvey W. Smith, Roseville.
Architect — Harry Devine, California State Life Bldg., Sacramento.

CONTRACT AWARDED
COMPTON, Los Angeles Co., Cal. —A. V. Perkinson, 3975 S. Vermont Ave., Los Angeles, awarded contract for erection of a theater and store building on Long Beach Blvd., north of Compton Blvd., Compton, for Albert Hansen. The theater will have a seating capacity of 1000; reinforced concrete construction, composition roofing, plate glass, structural steel,

concrete floors, washed air system of ventilation, steel sash, metal doors, acoustical treatment, terrazzo entrance floors, toilets, etc. S. Charles Lee, 2404 W 7th St., Los Angeles, architect.

Planned.
THEATRE Cost, $——
VISALIA, Tulare Co., Cal.
New theatre building (to seat 600).
Owner—T. & D. Theatre Co., 25 Taylor St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $30,000
VALLEJO, Solano Co., Calif.
Alterations and additions to Strand Theatre (to seat 700; work involves painting, decorating, remodeling of exterior and interior)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

Preparing Working Drawings.
THEATRE Cost, $500,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University.
Class A memorial theatre(theatre to seat 650, theatre school to accommodate 300) outdoor court, projection room equipment, acoustical treatment, etc.
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown, Jr., 251 Kearny Street, San Francisco.
Structural Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Mechanical Engineers — Hunter and Hudson, 41 Sutter St., San Francisco.

August 29, 1935

Contracts Awarded.
ALTERATIONS Cost, $——
WATSONVILLE, Santa Cruz Co., Cal.
Alterations to theatre.
Owner—Fox West Coast Theatres.
Architect—Not Given.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Ornamental Iron — Frauneder Ornamental Iron Works, 335 8th Street, Oakland.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.

19—MISC. CONSTRUCTION

BIDS OPENED
BAKERSFIELD, Kern Co., Calif.—Opperman & Kampe, Bakersfield, at $1,670 awarded contract by the Kern County Board of Supervisors for construction of bleachers for the Junior diamond at the Fair Grounds, Bakersfield.
Complete bids follow:
Opperman & Kampe, Bakersfield $1,670
Williams & Greenough, Bakersfield 1,700
Rexroth & Rexroth, Bakersfield 1,747

Preparing Preliminary Plans.
TOLL PLAZA Cost, $——
SAN FRANCISCO. Golden Gate Bridge.
Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter St. (J. B. Strauss, Chief Engineer).
Architect — Morrow and Morrow, de Young Bldg., San Francisco.

Contract Awarded
BAKE OVEN Cost, $3,000
OAKLAND, Alameda Co., Calif. 8811 East 14th Street.
Construct bake oven.
Owner—Morning Star Baking Co.
Architect—Not Given.
Contractor—Paul Metz, 855 44th St., Oakland.

CONTEMPLATED
WOODLAND, Yolo Co., Calif.—City Council has under consideration plan to construct municipal natatorium to cost $12,000. Application would be made to PWA for grant of 45% of cost.

Bids Rejected—Plans Being Revised.
MORTUARY Cost, $——
MODESTO, Stanislaus Co., Cal., Sixteenth and I Streets.
Two-story and basement wood frame, concrete and tile mortuary (sixteen rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.
New bids will be asked in about thirty days.

BIDS WANTED
SAN PEDRO, Los Angeles Co., Cal.—Until Sept. 10, 11 A. M., bids will be received by Commander J. C. Gebhard, Public Works Officer, Eleventh Naval District, foot of Broadway, San Diego, for furnishing a timber float approximately 13 ft. 6 in. wide and 49-ft. long for delivery at Berth 56, San Pedro; Spec. No. 8075.
Plans and specifications on application to above office on deposit of $10.

SUB-CONTRACTS AWARDED
LOS ANGELES, Cal.—Myers Bros., 3407 San Fernando Road, report subcontracts for a storage building and a stage they have under construction at 780 N. Gower St., for RKO Studios, awarded as follows: Excavating to P. J. Akmadzich; plumbing to E. Willardson; reinforcing steel to Truscon Steel Co.; miscellaneous iron to Jackson Iron Works; roofing to California Waterproofing & Roof Co.; sheet metal to McCluney Bros.; plastering to Ed Westberg; steel doors to Truscon Steel Co.; metal-covered doors to A. R. Moses. Clyde Deuel, 405 Douglas Bldg., structural engineer.

PLANS COMPLETE
WEST LOS ANGELES, Cal.—Twentieth Century - Fox Studios, owner, 10,260 Orton Ave., West Los Angeles district applied for building permit to erect a two-story, 28-room, cement plaster and frame dressing room building, (45x130-ft.) at 10,260 Orton Avenue, West Los Angeles district; Douglas Honnold, architect; G. V. Russell, associate, 1918 Grace Ave., Los Angeles. Cost, $35,000.

PLANNED
RIVERSIDE, Riverside Co., Calif.—Riverside county supervisors have under consideration the construction of a migratory workers housing project on a 42-acre site in the Coachella valley. Federal funds will be applied for to finance the work. Cost, $100,000.

CONTRACT AWARDED
LOS ANGELES, Cal.—Miller-Saunders Co., 7278 Melrose Ave., Awarded contract on a cost plus basis, for a large sound stage to be built on the studio site, at Santa Monica Blvd. and Formosa St., for the United Artists Studio Corp., Ltd. The stage will be 130x225 feet in area and will have steel columns and trusses, wood frame walls, plastered exterior, composition roofing, metal roof vents, wood sash, metal clad doors, wood floors, etc. Joseph Barlow, structural engineer, % Owner. Cost, $99,112.

Plans Being Prepared.
SWIMMING POOL Cost, $20,000
ATWATER, Merced Co., Cal.
Reinforced concrete swimming pool (40x120 feet) concrete dressing rooms and concrete utility building
Owner—City of Atwater.
Engineer—W. E. Bedersen, Merced.
Application has been filed with the WPA to furnish labor.

Contract Awarded.
RICE DRIERS Cost, $15,000
BIGGS, Butte Co., Calif.
Two reinforced concrete rice driers (20x36-ft., 36-ft. high).
Owner — Savage, Brink and Ashley Biggs.
Plans by Joe Golbach, Trowbridge.
Contractor—D. Hanker, Trowbridge.

BIDS WANTED
SAN FRANCISCO — City owned buildings will be sold at public auction Sept. 4, 9:30 A. M., by Joseph J. Phillips, Director of Property, City Hall, as follows:
176 Divisadero Street.
160-162-164 Divisadero Street.
154-156-158 Divisadero Street.
76-78 Lloyd Street.
55-57 Lloyd Street.
65-67-69 Lloyd Street.
746-748 Duboce Avenue.
Purchasers to remove improvements from the property within 30 days.

Plans Being Revised.
CATTLE RAMP Cost, $——
DIXON, Solano Co., Calif.
Cattle ramp (reinforced concrete construction).
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes Street, San Francisco.
New bids will be asked at a later date.

Contracts Awarded.
AUTO TRACK, ETC. Cost, $25,000.
SAN FRANCISCO. Jerrold, Toland Upton and McKinnon Streets.
Automobile and motorcycle race track (grandstand, bleachers, dressing rooms, and showers, etc.)
Owner—San Francisco Stadium, Inc.
Architect—Gardner A. Dailey and C. E. Ellinger, 210 Post Street.
Carpentry—Hamilton and Owens, 2001 E 21st St., Oakland.
Concrete — J. H. Fitzmaurice, 2885 Hannah St., Oakland.
Electric—Chas. A. Langlais, 472 Tehama St., San Francisco.
Plumbing—Dowd & Welch, 3558 16th St., San Francisco.
Bids will be taken on sheet metal and painting within one week.

BIDS OPENED
GRAND COULEE, Wash.—Preliminary abstract of bids received by U. S. Bureau of Reclamation, Denver No. 641, for furnishing portland cement for Grand Coulee Dam. (Bids were taken for delivery of approximately 720,000 barels of modified c standard portland cement and ap proximately 3,500,000 barrels modifie portland cement or 650,000 tons of mo dified portland cement clinker):
Superior Portland Cement Co., fo Concrete, Wash., 2,000,000 bbls., $1. 3796.
Northwestern Portland Cement Co fob Grotto, Wash., 450,000 bbls., $1 3796.
Lehigh Portland Cement Co., fo Metaline Falls, Wash., 600,000 barre $1.3796.
Olympic Portland Cement Co., fo Bellingham, Wash., 800,000 bbls., $1 38.
Spokane Portland Cement Co., fo

Irving, Wash., 400,000 bbls., $1.53.

Beaver Portland Cement Co., fob Gold Hill, Ore., 250,000 bbls., $1.40.

Pacific Portland Cement Co., fob Odair, Wash., 350,000 bbls., $3.09611

All bids subject to discount of 10c per barrel, 15 days.

Northwestern Portland Cement Co., Superior Portland Cement Co., Lehigh Portland Cement Co., Olympic Portland Cement Co. submitted identical bids at $6.80 per ton for furnishing modified portland cement clinker fob mill.

Spokane Portland Cement Co bid $7.60 per ton, fob Irving, Wash.

Beaver Portland Cement Co., bid $5.475 per ton, fob Gold Hill, Ore.

Pacific Portland Cement Co., bid $16.35 per ton, fob Odair, Wash.

Awards will be determined by computation of freight rates from mill shipping point to Odair.

Prices bid indicate that there would be no saving to the government by purchasing clinker and grinding cement in own mill.

BIDS RECEIVED

LOS ANGELES, Cal.—Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., Los Angeles, submitted the low bid to the Metropolitan Water District, Los Angeles, at $48,346.20 (Schedule No. 1) and at $100,543.50 (Schedule No. 2, Alternate), for furnishing and fabricating steel water stops for construction and dummy joints in 16-ft. cut-and-cover conduit and modified conduit in accordance with Specification No. 119. F. E. Weymouth, General Manager and Chief Engineer.

The schedules and items were:

SCHEDUEE 1

Furnishing water stops for construction joints and water stops and steel plates for dummy joints to be used in 16-ft. cut-and-cover conduit, and modified conduit, delivery to be made prior to June 1, 1936.

Schedule 1 is alternative to Schedule 2 and both will not be awarded.

(1) 2160 complete sets of water stops and steel plates for arch dummy joints, for 16-ft. cut-and-cover conduit.

(2) 2160 complete sets of water stops and steel plates for invert dummy joints, for 16-ft. cut-and-cover conduit.

(3) 1169 complete sets of water stops for arch construction joints for 16-ft. cut-and-cover conduit.

(4) 1169 complete sets of water stops for invert construction joints for 16-ft. cut-and-cover conduit.

(5) 14 complete sets of water stops and steel plates for arch dummy joints for 16-ft. modified conduit.

(6) 14 complete sets of water stops and steel plates for invert dummy joints for 16-ft. modified conduit.

(7) 45 complete sets of water stops for arch construction joints for 16-ft. modified conduit.

(8) 45 complete sets of water stops for invert construction joints for 16-ft. modified conduit.

SCHEDULE 2

Furnishing water stops for construction joints and water stops and steel plates for dummy joints to be used in 16-ft. cut-and-cover conduit and modified conduit. Delivery to be made prior to October 1, 1938.

Schedule 2 is alternative to Schedule 1.

(9) 4180 complete sets of water stops and steel plates for arch dummy joints for 16-ft. cut-and-cover conduit.

(10) 4180 complete sets of water stops and steel plates for invert dummy joints for 16-ft. cut-and-cover conduit.

(11) 2550 complete sets of water stops for arch construction joints for 16-ft cut-and-cover conduit.

(12) 2550 complete sets of water stops for invert construction joints for 16-ft. cut-and-cover conduit.

(13) 15 complete sets of water stops and steel plates for arch dummy joints for modified conduit.

(14) 15 complete sets of water stops and steel plates for invert dummy joints for 16-ft. modified conduit.

(15) 120 complete sets of water stops for arch construction joints for 16-ft. modified conduit.

(16) 120 complete sets of water stops for invert construction joints for 16-ft. conduit.

The bids were:

(A) Consolidated Steel Corp., Ltd.—Sch. 1, $48,346,20; Sch. 2, $100,543.50. No use tax. Delivered at 6500 E. Slauson Ave., Los Angeles. No discount.

(B) Western Pipe & Steel Co.—Sch. 1, $54,131.86; Sch. 2, no bid. No use tax. Delivered at 5717 Santa Fe Ave. No discount.

(C) American Pipe & Steel Co., Ltd., Alhambra—Sch. 1, $61,758.36; Sch. 2, $129,909.35. No use tax, f.o.b. Alhambra. Discount ½ of 1% 10 days.

(D) Southwest Welding & Mfg. Co., Inc.—Sch. 1, $63,100.48; Sch. 2, $124,932.85. Add use tax, Sch. 1, $1893.01; Sch. 2, add $3747.90. Delivered, Alhambra. Discount: 1/10 of 1% 10 days.

The bids were:

SCHEDULE 1

	(A)	(B)	(C)	(D)
(1)	$11.66	$12.97	$13.98	$14.50
(2)	6.59	7.97	9.60	9.45
(3)	3.98	4.00	4.88	5,11
(4)	3.20	3.17	3.84	4.07
(5)	12.88	13.29	14.60	14.74
(6)	7.87	7.10	7.79	7.93
(7)	4.12	4.02	4.88	5.50
(8)	2.70	2.62	3.88	3 44
SCHEDULE 2 (ALT.)				
(9)	12.25	.....	14.88	14.50
(10)	6.92	.....	10.92	9.45
(11)	4.17	.....	5.18	5.11
(12)	3.37	.....	4.09	4.07
(13)	13.52	.....	15.47	14.74
(14)	8.26	.....	8.28	7.93
(15)	4.33	.....	5.30	5.50
(16)	2.83	.....	4.05	3.44

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

VISALIA, Tulare Co., Calif.—Goodrich Silvertown, Inc., awarded contract by Visalia City Council at $1.10 per foot for furnishing 300 feet of 2½ in. fire hose and Fabric Fire Hose Co., Oakland, (Cross-Horlock Co., Visalia dealer) awarded contract at $0.75 per foot for furnishing 150 feet of 1½-in. hose.

BIDS OPENED

LOS ANGELES, Cal.—The following firms submitted identical bids to D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 So. Broadway, August 23 for furnishing deformed reinforcing steel f.o.b. cars sylmar siding under Specification No. 1768: The bidders were: Concrete Engineering Co., Inc., discount per CWT, $.02175, ½%, 10 days basing point value of $.01255 per CWT; Trojan Steel Co.; Graham Bros., Inc.; L. A. Iron & Steel Co.; Soule Steel Co.; Blue Diamond Corp.; J. W. Black Co., Ltd.; Truscon Steel Co.; Security Materials Co.; A. M. Castle & Co. and Ducommun Corp., all offered discounts of ½%, 10 days on basing point value of $2.45 or $.01225 on all but item (g) on which it is $.01275 per CWT

The bids were:

(a) 705 bars, 1¼ in. square, 26 ft. 8 in. long; approximate weight 237,799 lbs., marked AD-A, $2.475 per CWT

(b) 500 bars, 1¼ in. square, 32 ft. 10 in. long; approximate weight 87,221 lbs., marked AD-B, $2.475 per CWT.

(c) 705 bars, 1¼ in. square, 35 ft. 1 in. long; approximate weight 131,410 lbs., marker AD-B, $2.475 per CWT

(d) 500 bars, 1¼ in. square, 38 ft. 6 in. long; approximate weight 102,275 lbs., marked AC-B, $2.475 CWT.

(e) 378 bars, 1 in. square; 32 ft. 10 in. long; approximate weight 42,196 lbs., marked AE-B, $2.475 per CWT.

(f) 742 bars, 1 in. round, 60 ft. long; approximate weight, 118,868 lbs., marked C, $2.475 per CWT.

(g) 130 bars, ⅝ in. round, 60 ft. long; approximate weight 8135 lbs., marked C-1, $2.575 per CWT.

(h) 378 bars, 1 in. square, 26 ft. 3 in. long; approximate weight 33,736 lbs., marked AE-A, $2.475 per CWT.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 South Broadway, for furnishing cement for use in connection with the department's Mono Basin project, to be furnished to the Department during a period of approximately two years under Spec. No. 1752:

(1) Grade No. 1 cement delivered in bulk for a price per barrel, net of sacks and discount of.

(2) Grade No. 2 cement delivered in bulk for a price per barrel, net of sacks and discount of.

(3) Grade No. 3 cement delivered in bulk for a price per barrel, net of sacks and discount of.

(a) less than 5000 barrels;
(b) 5000 to 9999 barrels;
(c) 10,000 to 19,999 barrels;
(d) 20,000 to 29,999 barrels;
(e) 30,000 to 50,000 barrels;
(f) 40,000 to 50,000 barrels;
(g) over 50,000 barrels.

The department estimates its total requirements at 204,000 barrels. The estimates for various branches of the work is as follows:

Mono Craters Tunnel, west portal, 57,000.
Mono Craters, Tunnel east portal, 52,000.
Long Valley Dam, 18,000.
Grant Lake Dam, 2,000.
Leevining Tunnel, 4,000.
Concrete conduits in Mono Basin, 54,000.
Lining open canal, Los Angeles aqueduct, 17,000.

Of the three grades of cement to be furnished it is estimated that from 5000 to 50,000 barrels of grade No. 3 cement is required; the amount of grade No. 2 cement will depend on the difference in price of grade No. 1 and grade No. 2.

The bidders were:

(A) Monolith Portland Cement Co.
(B) Southwestern Portland Cement Company.
(C) California Portland Cement Co.
(D) Riverside Cement Company.
(E) Graham Bros., Inc.

The bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.49	$1.34	$1.23	$1.23	$1.32
(2)	1.55	1.40	1.29	1.29	1.38
(3)	2.20	2.05	.. .	..	1.52
(3a)	2.20	2.05	. .	.. .	1.52
(3b)	2.20	2.05	.	..	1.52
(3c)	2.20	2.05	.		1.52
(3d)	2.20	2.05		.	1.52
(3e)	2.20	2.05	..	.. .	1.52
(3f)	2.20	2.05	..		1.52
(3g)	2.20	2.05		..	1.52

MACHINERY & MATERIALS

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

CANAL ZONE

CANAL ZONE.—Until September 5, 10:30 A. M., bids will be received by General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing pipe and fittings, pipe straps, steam hose couplings, union, valves, cocks, range boilers, sanitary fixtures, cup grease, lubricating oil, creosote oil, kerosene, paints and ingredients, varnish, turpentine, paint thinner, putty and concrete paving mixer; Schedule 3083.

Specifications and proposal forms may be obtained on application to above or to the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco

U. S. FOREST SERVICE

LOS ANGELES, Cal.—Until Sept. 3, 2 P. M., bids will be received by the U. S. Forest Service, 751 So. Figueroa St., Los Angeles, for furnishing butt treated western cedar, or pressure treated Douglas fir or southern pine telephone poles, f.o.b. cars, bidder's shipping point, under Bid No. 1174, as follows:

(1) 220 class 4 ASA poles, 25 ft. long;
(2) 80 class 6 ASA poles, 25 ft. long;
(3) 80 class 4 ASA poles, 35 ft. long;
(4) 20 class 6 ASA poles, 35 ft. long.

LOS ANGELES, Cal.—Until Sept. 10, 2 P. M., bids will be received by the U. S. Forest Service, 751 South Figueroa St., Los Angeles, for furnishing butt treated western cedar, or pressure treated Douglas fir or southern pine telephone poles, f.o.b. cars, bidder's shipping point, under Bid No. 1175, as follows:

(1) 400 class No. 4 poles, 20 ft. long;
(2) 100 class No. 6 poles, 20 ft. long;
(3) 80 class No. 4 poles, 30 ft. long;
(4) 20 class No. 6 poles, 30 ft. long;
(5) 100 class No. 4 poles, 25 ft. long.

GOVERNMENT ISLAND, Cal.—Until Sept. 3, 2 P. M., bids will be received by Forest Service, H. R. Marsh Assistant Supply Officer, Government Island, for furnishing 8-inch sirens to be delivered as follows: (1) 4 fob Placerville; (2) 9 fob Santa Barbara; (3) 7 fob Willows; (4) 9 fob Pasadena; Bid No. 2855.

Specifications and proposal forms obtainable from above.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Sept. 9, 11 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing 160 or more feet of movable telescoping steel forms for lining 16-ft. tunnel in accordance with Spec. No. 124. Certified or cashier's check, $1,000. Copies of the specifications may be obtained from the engineer, Room 1007, 306 W. 3rd St., upon payment of $2.00 per set, not returnable. F. E. Weymouth, general manager and chief engineer.

U. S. INDIAN SERVICE

COOLIDGE, Ariz.—Until Sept. 4th, 1:30 P. M., bids will be received by the U. S. Indian Irrigation Service, Coolidge, for furnishing 10,000 barrels of Portland cement in paper sacks (4 sacks per bbl.) fob bidder's shipping point and/or fob Oberg, Ariz., for use on the San Carlos Project, F. P. No. 261 (Gila River Canal Unit) during the fiscal year ending June 30, 1936, under Bid No. C-207. Bidders must be prepared to ship at least one carload per day and shipment will be required within two days from receipt of order. All shipments will be made to Oberg, Ariz., or other points on the San Carlos Project. Specifications obtainable from the above office.

RECLAMATION BUREAU

RYE PATCH DAM, Nevada.—Until Sept. 4, 2 P. M., (date postponed from August 28) bids will be received by Bureau of Reclamation, Customhouse, Denver, Colo., under Spec. No. 713 D for furnishing five power-driven double-drum, radial-gate hoists with one portable gasoline engine drive unit; and four 3-ft. 6-in. by 3-ft. 6-in. high-pressure gates, together with frames, hoists, and semi-automatic gate hangers, hydraulic gate hangers, conduit linings, and conduit lining transitions for installation in spillway and outlet works of the Rye Patch Dam, Humboldt Project, Nevada.

No charge for specifications to prospective bona fide bidders; to others $3.50, not returnable. Address requests to Chief Engineer R. F. Walter, Denver.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by Navy Department, Bureau of Supplies and Accounts, Washington, D. C., for furnishing materials and equipment at Mare Island Navy Yard, as follows:

MACHINE, motor-driven grinder, tool and cutter machine; Sept. 6; Sch. 5796.

STERILIZER, electrically-heated combination sterilizier; Sept. 10 Sch. 5825.

BRONZE, 200,000 pounds, manganese bronze; Sept. 10. Sch. 5849.

HOSE, 4,000 ft. cotton fire hose, 1½-in., 600 ft. rubber steam hose, ¾-in. Sept. 10. Schedule 5837.

MACHINES, six electrically-operated vegetable peeling machines. Sept. 10. Schedule 5808.

Specifications may be obtained from above and from Navy Purchasing Officer, 100 Harrison St., San Francisco.

CITY, COUNTY and PRIVATE AWARDS

Following are the principal construction contracts awarded by cities and counties of the State of California, and private owners in the four week period ending August 29:

Constructing Authority	Contract	Contractor	Bid	Date Awarded
Peoples Ditch Co., Hanford	Reinforced Conc. Weir, Kings River	Case Const. Co., Alhambra	$ 62,900.00	Aug. 2
Los Angeles County Supervisors	Santa Anita Road Improvement	Osborn Co., Pasadena	$ 22,074.00	Aug. 7
San Mateo City Council	Sewage Disposal Plant, Unit B.	W. J. Tobin, Oakland	$ 71,630.00	Aug. 7
San Francisco Department of Public Works	Hayes Valley Supply Line Extension	Pacific States Const. Co., S. F.	$ 55,840.00	Aug. 8
San Francisco Department of Public Works	Embarcadero Section B, Supply Line Extension	W. C. Akard, S. F.	$ 11,647.00	Aug. 8
Roseville City Council	Water System Extensions	M. R. Carpenter, Sacramento	$ 18,284.00	Aug. 8
Berkeley City Council	Resurfacing Ptn. The Alameda	Ransome Co., Emeryville	$ 7,118.00	Aug. 14
Santa Clara County	Oil Macadam Surf., Junipero Serra Blvd.	A. J. Raisch Co., San Jose	$ 15,960.00	Aug. 20
Santa Clara County	Asphalt Concrete Paving, King Road	Union Paving Co. San Francisco	$ 29,250.00	Aug. 20
San Francisco City	Improvement of Army Street	Eaton & Smith, San Francisco	$ 33,726.00	Aug. 19
Metropolitan Water District	Cajalco Dam, Dyke, Tunnels, etc., Riverside County	Griffith Co., Los Angeles	$4,646,856.00	Aug. 19
Chula Vista City Council	Asphalt Concrete Street Paving	V. R. Dennis Co., San Diego	$156,039.00	Aug. 26
Santa Clara County	Oil Macadam Surfacing, Hill Road	A. J. Raisch Paving Co., San Jose	$ 10,888.00	Aug. 27

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

1— BRIDGES

IDS WANTED

HUMBOLDT COUNTY, Cal.—Until ptember 3, 2 P. M., new bids will received by the Humboldt County ard of Supervisors, Fred M. Kay, erk, Court House, Eureka, for conructing a suspension bridge across e Eel River at Fort Seward in Road strict No. 2.

Bids received for this contract Aug. were rejected as excessive and the idge was redesigned to reduce the st by substituting timber for steel wers, reducing roadway width and ortening the center steel span.

On previous bid opening low bid as submitted by Fred J. Maurer & on, Inc., Eureka, at $32,000.

Plans and specifications may be obined from County Surveyor Frank elly, Court House, Eureka

IDS OPENED

GOVERNMENT ISLAND, Calif. — ds received by U. S. Forest Service, overment Island, for furnishing one -ft. continuous beam span for the iddle Fork Cottonwood Creek bridge proximately 50 miles west of Red uff:

dependent Iron Works, Oakland	$649
olden Gate Iron Works, S. F.	690
cific Coast Steel Corp., Alameda	695
dson-Pacific Co., S. F.	773
errick Iron Works, Oakland	780
estern Iron Works, S. F.	796
oore Dry Dock, Oakland	805
hrader Iron Works, S. F.	851

August 27, 1935

IDS WANTED

HUMBOLDT COUNTY, Cal.—Until pt. 11, 2 P. M., bids will be reived by Humboldt County Board of pervisors, Fred M. Kay, Clerk Court ouse, Eureka, for constructing a e trestle bridge over Hufford's ough, near Orick, and a truss bridge ross Prairie Creek at Davison's.

Plans and specifications may be obined on application to County Survyor Frank Kelly, Eureka.

IDS WANTED

HUMBOLDT COUNTY, Cal.—Until pt. 11, 2 P. M., bids will be reived by Humboldt County Board of pervisors, Fred M. Kay, Clerk Court ouse, Eureka, for constructing a ulvert and fill on Morgan Slough ar Ferndale in Road Dist. No. 1.

Plans and specifications may be obined on application to County Survyor Frank Kelly, Eureka.

IDS WANTED

OREGON STATE — Until Sept 9 A. M., bids will be received by Oregon State Highway Commission, Public Service Bldg., Portland, for highway bridge construction as follows:

Douglas County: Construction of 54 29-foot composite pile trestle spans and one 41-ft. 2-in. removable I-beam span with 27-ft. roadway and two sidewalks over Smith River on the Oregon Coast Highway near Reedsport. Federal Aid Project No. 140-D. Requires approximately 19,600 lin. ft. creosoted piling; 340 M-FBM treated lumber; 7.0 M-FBM Port Orford Cedar Lumber; 1200 cu. yds. Class "D" Concrete; 276,000 lbs. metal reinforcement; 41,000 lbs. structural steel and 3240 lin. ft. composite handrail.

Clackamas County: Remodel and widen bridge over Molalla River on the Pacific Highway near Canby and construct concrete viaduct to replace wood trestle. Federal Aid Project No. 53. Requires approximately 750 cu. yds. excavation; 940 cu. yds. concrete; 158,000 lbs. metal reinforcement; 158,000 lbs. structural steel; 1210 lin. ft. concrete handrail; removal of present bridge and maintenance of traffic; 300 cu. yds. gravel fill; 125 cu. yds. concrete pavement at ends of bridge; 36 tons asphaltic concrete.

Klamath County: Construction of one 92-ft. steel deck girder span on concrete piers and 1115 lin. ft. of concrete viaduct approach over Klamath River and Great Northern Railroad about three miles south from Klamath Falls on the Klamath-Falls-Weed Highway. Federal Aid Project No. 205-C. Requires approximately 1760 cu. yds. excavation; 9000 lin. ft. foundation piling; 3640 cu. yds. concrete; 640,000 lbs. metal reinforcement 147,000 lbs. structural steel and 2430 lin. ft. concrete handrail.

Plans and specifications may be obtained at the office of State Highway Engineer R. H. Baldock, Room 322, State Office Bldg., Salem, an deposit of $5 per set.

August 28, 1935

PLANS APPROVED

ELKO COUNTY, Nevada — C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, San Francisco, has approved plans and specifications submitted by State Highway Engineer R. A. Allen for construction of a concrete and steel overpass and approaches one mile west of Wendover, Section B2 of Route 24, Elko County. The length of the project is .39 mile. Bids will be asked shortly.

The work involves:

(1) 118 lin. ft. remove culvert pipe;
(2) 8 each remove culvert headwalls;
(3) 60 cu. yds. roadway excavation;
(4) 71,000 cu. yds. imported borrow;
(5) 710 cu. yds. structure excav.;
(6) .37 mi. subgrade;
(7) .39 mi. finish roadway;
(8) 22 tons asphaltic road material SC-2 (roadway fill);
(9) 10 tons asphaltic road material SC-2 (slopes);
(10) Lump sum railroad crossing;
(11) 364 cu. yds. Class A concrete;
(12) 236 cu. yds. Class B concrete;
(13) 89,000 lbs. reinforcing steel;
(14) 44,800 lbs. structural steel;
(15) 66 lin. ft. 24-in. CMP;
(16 16 each monuments;
(17) 2704 lin. ft. metal guard rail;
(18) .37 mi. salvage and relay road-mix surface;
(19) 1050 cu. yds. gravel base;
(20) Lump sum construct detour.

The project will be financed with Emergency Work Relief funds. The contractor to procure 90% of his labor from relief rolls and to expend a minimum of 40% of the total cost of the project for labor at the job site.

29

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Cal.—Earl W. Heple, 494 Delmas Ave., San Jose, at $1850 awarded contract by San Jose City Council for driving concrete piles for the foundation of the Prevost street bridge over the Guadulupe River.

M. B. McGowan, San Francisco, bid $2,995.

The bridge is to be constructed by day labor with WPA funds.

BIDS WANTED

SONOMA COUNTY, Cal. — Until Sept. 18, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for constructing a reinforced concrete girder bridge across Sonoma Creek, about seven miles north of Sonoma, consisting of three 52-foot spans on concrete piers and abutments.

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 340 cu. yds. struct. excav.;
(3) 77,000 lbs. bar reinf. steel;
(4) 41 cu. yds. Class A Portland cement concrete footing blocks;
(5) 404 cu. yds. Class A Portland cement concrete structure;
(6) 95 cu. yds. light riprap;
(7) 330 lin. ft. lighting conduit;
(8) 1 lot misc. items of work.

Specifications may be obtained from above and on file in the offices of the District Engineer, San Francisco and Los Angeles.

22—DREDGING, HARBOR WORKS, EXCAVATION

CONTRACT AWARDED

OREGON-WASHINGTON — Siems-Helmer, Inc., St. Paul, Minn., at $346-520 awarded contract by U. S. Engineer, Second Portland District, Portland, for channel improvements in Columbia River from Celilo Falls to Wallula.

CONTRACT AWARDED

OREGON STATE.—Kern & Kibbe, 42 SE Salmon St., Portland, at $32,-947.50 awarded contract by the U. S. Engineer, First Portland Dist., Portland, for bank clearing, bar clearing

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

grading river bank and constructing approximately 8,630 l.f. of protective gravel fill along the Willamette river between Eugene and Harrisburg.

BIDS OPENED

OREGON STATE. — R. S. McClintock, Spokane, at $10,303.50 submitted low bid to U. S. Engineer, Second Portland District, Portland, for furnishing plant, labor and materials for probing and drilling in the bed of the Columbia River between Vancouver, Wash., and Bonneville Dam for the purpose of completing subaqueous survey in contemplation of constructing a channel 30 feet deep from the mouth of the Willamette River to The Dalles.

The work involves:
(1) 1,635 l.f. overburden probing;
(2) 275 l.f. overburden drilling;
(3) 835 l.f. core drilling.

Complete bids follow:
(A) R. S. McClintock, Spokane, $10,303.50.
(B) Lynch Bros., Seattle, $10,848.75.
(C) Diamond Drill Contr. Co., Spokane, $11,547.75.
(D) Engineer's estimate, $8,566

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$2.50	$3.75	$2.65	$1.31
(2)	5.60	4.25	6.50	5.78
(3)	5.60	4.25	6.50	5.79

FUNDS ALLOTTED

WASHINGTON. — Allottments have been approved by the President for two projects in Washington to be constructed by the U. S. Engineers as follows:

Bellingham, Whatcom County: General improvement of stream channels of Whatcom and Padden Creeks to provide flood protection, $16,000.

Hoquiam: Construction of low earth dikes and provision of adequate drainage system in Gray's Harbor, $205,000.

CONTRACT AWARDED

SAN DIEGO, Cal. — V. R. Dennis Constr. Co., P. O. Box F, Station A, San Diego, at $18,749 awarded contract by Navy Department, Public Works Officer, Eleventh Naval Dist., San Diego, for constructing an extension to the quay wall at the Naval Operating Base, San Diego. Spec. No. 8059.

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until September 3, 2 P. M., bids will be received by the Department of Justice, Bureau of Prisons, Room 214, Post Office Bldg., San Francisco, for furnishing and placing rip-rap at Alcatraz Island; Spec. No. 22.

Bids will be taken as follows:
(1) furnishing 300 pieces of stone or concrete rip-rap to be not less than 12 cubic feet in content;
(2) furnishing 300 tons of stone;
(3) lump sum bid for items (1) and (2).

Specifications and proposal form on application to Warden, U. S. Penitentiary, Alcatraz.

BIDS OPENED

SACRAMENTO, Cal.—Union Granite Co., Rocklin, at $1.50 (total $1500) submitted only bid to U. S. Engineer, Major A. S. Ackerman, District Engineer, Sacramento, for furnishing 1000 tons of rip-rap stone for wing dams, f.o.b. railroad cars at Sacramento. •

LOW BIDDERS

GOVERNMENT ISLAND, Cal.—Ben C. Gerwick, Inc., 112 Market Street, San Francisco, at $249,117 submitted low bid to U. S. Coast Guard, Washington, for constructing 1975 lin. ft. cellular type steel sheet pile bulkhead composed of 53 cells and approximately 274 lin. ft. straight wall type steel sheet pile bulkhead at Coast Guard Base 11, Government Island.

Second and third low bids submitted by Merritt, Chapman & Scott Corp., San Francisco, $249,700 and Healy Tibbitts Constr. Co., San Francisco, $253,318. •

23—IRRIGATION PROJ.

BIDS WANTED

YUBA COUNTY, Cal.—Until Sept. 3, 1 P. M., (to be opened at 1:30 p. M.) bids will be received by Board of Trustees of Reclamation District 817, Henry R. Creps, Secretary, Odd Fellows Bldg., Wheatland, for repairing two breaks in the Bear River Levee of Reclamation District 817. The work is located approximately one-half mile west of the Carlin Bridge across the Bear River on the Pleasant Grove Rd., near the boundary line of Yuba and Sutter counties.

The work involves an earthfill of approximately 6,414 cubic yards.

Plans and specifications on file at the office of the Secretary and at the office of Edward Von Geldern, District Engineer, Second and C Sts., Yuba City •

LOW BIDDER

OWYHEE PROJECT, Oregon-Idaho —H. J. Adler Co., Tacoma, Wash., at $14,293 submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Ore., for construction of structures, North Canal, laterals N. C. 26.4 to 28.7, Mitchell Butte Division, Owyhee Project, Spec. No. 708-D.

Second and third low bids were submitted by John Gardner, Klamath Falls, Oregon, at $14,579 and D. A. Richardson, Nyssa, $16,101.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

RED BLUFF, Tehama Co., Calif.—Butte Tractor & Equipment Co., Chico at $3,411.25 awarded contract by Red Bluff City Council for furnishing one single-drive motor grader unit.

Following bids received:

Edw. R. Bacon Co., S. F.	$3,338.50
Butte Tractor & Equip. Co., Chico	3,411.25
J. D. Adams Co., S. F.	3,538.50
W. F. Gage & Sons Co., Chico	3,512.75
Jenison Mchy Co., S. F.	3,538.50
Austin Western Road Mchy. Co., San Francisco	3,538.50

BIDS OPENED

LOS ANGELES.—Bids received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, for furnishing oil circuit breakers under Spec. No. 1751, as follows:

(1) For four only 34.5-kv, 2000 amperes, 60 cycle, 3 pole, single throw, truck mounted, electrically operated, outdoor oil circuit beakers with an interrupting time of .133 seconds.
(a) fob bidder's shipping point;
(b) fob edpartment's receiving station "B", 98th and Clovis Streets.

(2) for furnishing spare parts as per list included in specifications:
(a) fob bidder's shipping point;
(b) fob department's receiving station "B", 98th and Clovis Streets.

The bidders were:
(A) Condit Electric & Mfg. Corp. (care of Allis-Chalmers Mfg. Co.): shipping point, Hyde Park, Boston.
(B) General Electric Co., shipping point, Philadelphia, breakers; Richmond, Calif., oil.
(C) Kelman Electric & Mfg. Co., shipping point, Los Angeles.
(D) Pacific Electric Mfg. Co., sh ping point, San Francisco.
(E) Westinghouse Electric & M Co., shipping point, East Pittsbur Pennsylvania.

All firms offered terms net.

The bids were:

	(A)	(B)	(C)	(D)	(
(1a)	$10,588	$11,795	$9,450	$12,050	$11
(1b)	10,862	11,985	9,500	12,110	12
(2a)	3,525	3,550	3,150	3,625	3.
(2b)	3,605	3,618	3,165	3,635	3.

26—— RAILROADS

NOTICE OF SALE

SAN FRANCISCO—Until August 11 A. M., bids will be received by A. Brooks, Purchaser of Supplies, R 270, City Hall, for sale of the follo ing used track specials: (1) 1 mang nese frog casting; (2) 1 mangan switch casting; (3) 1 manganese m casting.

Items may be inspected at the M nicipal Pipe Yard, Sixth and Hubl Streets.

Bid blanks on application to abo

28 — FIRE EQUIPMENT

BIDS OPENED

VISALIA, Tulare Co., Calif.—I received by Visalia City Council furnishing one 500-gallon pumping gine and hose truck with 300-ga booster tank for the Fire Departme

Tulare Co. Motor Sales, Visalia	$
Henry N. White, Visalia	
Standard Carriage Works, Los Angeles	
Alternate	
American LaFrance & Foamite Corp., San Francisco	
Alternate	
Peter Pirsch & Sons Co., Kenosha, Wis.	
The Seagrave Corp., S. F.	
Mac-International Motor Truck Corp., Fresno	

Bids held under advisement u September 3. •

29—STREETS AND HIGWAYS

BIDS WANTED

KERN COUNTY, Cal.—Until S 11, 2 P. M., bids will be received State Division of Highways, C. Purcell, Chief Engineer, Public Wo Bldg., Sacramento, for about 30.5 applying road-mix surface treatm between Johannesburg and Route in Kern County.

The work involves:
(1) 1405 tons liquid asphalt SC-2;
(2) 33.4 miles preparing, mixing shaping roadbed.

Specifications and proposal fo may be obtained from above and file in the offices of the District gineers, San Francisco, Los Ang and Fresno. •

BIDS WANTED

SAN DIEGO COUNTY, Cal.—U Sept. 12, 2 P. M., bids will be ceived by State Division of Highw C. H. Purcell, Chief Engineer, S Bldg., Los Angeles, for applying r mix surface treatment on about miles between Rincon and Moret San Diego County.

The work involves:
(1) 950 tons liquid asphalt SC-2;
(2) 225,000 sq. yds. preparing, mi and shaping roadbed.

Specifications may be obtained f State Division of Highways, Pu Works Bldg., Sacramento, and on at the offices of the District E neers, San Francisco, Los Ang and San Diego.

IDS WANTED

SAN FRANCISCO.—Until August 31 A. M., bids will be received by M. White, Custodian, U. S. Marine spital, 14th Ave. and Lake St., for ewalk repairs at the Marine Hos- al, San Francisco.

IDS WANTED

SAN BERNARDINO & KERN COS., l.—Until Sept. 12, 2 P. M., bids l be received by State Division of ghways, C. H. Purcell, Chief En- eer, State Bldg., Los Angeles, for olying road-mix surface treatment l seal coat on about 27.4 miles be- een Johannesburg and Route 58 in Bernardino and Kern counties

The work involves:

(2,600 tons liquid asphalt, SC-2;
(321,000 sq. yds. preparing, mix- ing and shaping roadbed;
(90 tons asphaltic emulsion 90-95 (seal coat);
(625 c.y. sand (seal coat).

Specifications may be obtained from te Division of Highways, Public rks Bldg., Sacramento, and on file the offices of the District Engi- ers in San Francisco, Los Angeles l the district in which the work is ated.

EDS WANTED

KERN COUNTY, Cal.—Until Sept. 1 2 P. M., bids will be received by te Division of Highways, C. H. rcell, Chief Engineer, Public Works Bldg., Sacramento, for grading about miles between two miles south- st of Searles and Rademacher in rn County.

The work involves:

(14,650 cu. yds. roadway excava- tion without class;
(3000 sta. yds. overhaul;
(275 cu. yds. structural excavation;
(1300 cu. yds. ditch and channel excavation;
(532 lin. ft. 18-in. CMP;
(108 lin. ft. 24-in. CMP;
(36 each monuments complete in place.

The State will furnish CMP as more licitly set forth in the special pro- visions.

Specifications and proposal froms ainable from above and on file in offices of the District Engineers, n Francisco, Los Angeles and sno.

EDS WANTED

MARIN COUNTY, Cal.—Until Sept. 1 2 P. M., bids will be received by te Division of Highways, C. H. rcell, Chief Engineer, Public Works Bldg., Sacramento, for removal of sles on about 0.4 mile between enbrae and Alto in Marin County.

The work involves:

(50,000 cu. yds. roadway excava- tion without classification;
(12,500 mile yds. overhaul.

Specifications and proposal forms y be obtained from above and on l in the offices of the District En- eers, San Francisco and Los An- es.

EDS WANTED

SONOMA COUNTY, Cal. — Until September 6, 2 P. M., bids will be re- ved by State Division of Highways, H. Skeggs, District Engineer, te Bldg., San Francisco, for ap- ping seal coat on about 3.2 miles ween Cloverdale and the northerly ndary of Sonoma County.

The work involves:

(75 tons liquid asphalt MC-3,
(750 tons sand.

Plans may be seen and prosopal rms may be obtained at the above ce.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until September 10, 11 A. M., bids will be received by Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for improvement of Tennant Avenue, involving construction of 77,500 sp. ft. oil macadam surfacing.

Plans and specifications on file at the above office and available from County Surveyor Robert Chandler on payment of $1 per sent.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch Paving Co., Burrell Bldg., San Jose, at $10,645 awarded contract by Santa Clara County Board of Supervisors, San Jose, for improvement of Hill Road from Main Avenue to Dunn Ave. in Supervisor District No. 1. The work involves 109,150 sq. ft. oil macadam surfacing.

Complete bids follow:

A. J. Raisch Paving Co.	$10,645.00
J. L. Ryder	10,698.00
Leo F. Piazza	10,739.00
Albert Gerries	10.888.85

CONTRACT AWARDED

JACKSON COUNTY, Ore.—F. C. Billard, Medford, at $57,576.80 awarded contract by Bureau of Public Rds., W. H. Lynch, District Engineer, Portland, for 1.234 miles grading or 0.947 miles advance clearing on the Tiller-Trail National Forest Road, Project 36-G1, H, Rogue River National Forest, Jackson County, Oregon.

CONTRACT AWARDED

COCONINO COUNTY, Ariz.—Tanner & Hall, Phoenix, at $1.65 per ton fob Phoenix, awarded contract by the Bureau of Public Roads, San Francisco, for furnishing approximately 1500 c.y. crushed rock screenings for use on Sections B and C of Route 4, the Ashfork-Flagstaff-Angell National Highway, Kaibab National Forest, Coconino County.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until Sept. 3, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for treating with liquid asphalt about 6 miles between 3.8 miles and 9.8 miles easterly of the westerly boundary on the Big Pines Road, San Bernardino County.

The work involves:

(1) 145 tons liquid asphalt, SC-2.

Specifications and proposal forms on on application to above.

CONTRACT AWARDED

CHULA VISTA, San Diego Co., Cal.—V. R. Dennis Constr. Co., 3911 Fifth Ave., San Diego, at $156,039 awarded contract by Chula Vista City Council for paving various streets with asphalt concrete and treating shoulders with fuel oil.

BIDS OPENED

TULARE COUNTY, Cal.—Fredrickson & Watson and Fredrickson Bros. and Jones & King, 873 81st Avenue, Oakland, at $144,792.95 submitted low bid to Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for placing a bituminous treated crushed rock base course on Sections D3 and D4 of Route 1, the Generals Highway, Sequoia National Park, and on Section A, General Grant-Sequoia Park Approach Road, Sequoia National Forest, Tulare Co., a length of 13.323 miles.

The work involves:

(1) 8300 cu. yds. unclassified excav.;
(2) 1400 cu. yds. unclassified excavation for structures;
(3) 10,000 cu. yds. mi. hauling unclassified excavation;
(4) 13.323 mi. fine grading subgrade and shoulders;
(5) 1600 M gals. watering;
(6) 25,800 tons crushed rock for bottom layer of base course;
(7) 21,200 tons crushed rock for bottom layer of base course;
(8) 800 tons supplemental crushed rock;
(9) 167 tons liquid asphaltic road material, Type SC-1a;
(10) 1010 tons liquid asphaltic road material, Type MC-4 or MC-5;
(11) 60 tons liquid asphaltic road material, Type RC-1;
(12) 5178 lin. ft. 8-in. perforated CGMP
(13) 1200 cu. yds. crushed rock or gravel;
(14) 1220 sq. yds. backfill seal;
(15) Extra work compaction of embankment by jetting;
(16) Extra work constructing project signs.

Complete bids follow:

(A) Fredrickson & Watson and Fredrickson Bros., and Jones & King, Oakland, $144,792.95.
(B) Basich Bros., Torrance, $156,-456.27.
(C) Heafey-Moore Co., Oakland, $178,-746.05.
(D) Engineer's Estimate, $164,538.70.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ .50	$ .50	$ .75	$ .80
(2)	3.00	1.00	3.00	2.00
(3)	.20	.12	.20	.15
(4)	450.00	400.00	550.00	300.00
(5)	2.00	1.00	3.00	2.00
(6)	1.75	2.00	2.11	2.10
(7)	1.85	2.50	2.48	2.35
(8)	2.00	2.50	2.25	2.15
(9)	14.00	13.81	30.00	20.00
(10)	24.00	20.92	25.00	25.00
(11)	26.00	24.96	35.00	25.00
(12)	1.20	1.00	1.30	1.10
(13)	3.00	4.00	3.50	3.00
(14)	.30	.30	.90	.30
(15)	500.00	500.00	500.00	500.00
(16)	100.00	100.00	100.00	100.00

BIDS WANTED

SAN FRANCISCO.—Until Sept. 11, 2:30 P. M., bids will be received by Department of Public Works, S. J. Hester, Deputy Director, Room 251, City Hall, for reconstruction of roadway of Clifford Terrace bet. Roosevelt Way and a line 247.48 feet east of Upper Terrace; Spec. No. 18,881 Estimated cost, $1,193.

The work involves:

(1) 3610 sq. ft. remove brick wearing surface and replace with Class B concrete pavement;
(2) 10 l.f. reset granite curb.

Plans and specifications may be obtained from City Engineer John J Casey on deposit of $10.00.

BIDS OPENED

CALAVERAS and Alpine Cos., Cal. Hayward Building Material Co., Atherton and Jackson Sts., Hayward, at $7,659 submitted low bid to the State Division of Highways, R. E. Pierce, Stockton, for applying liquid asphalt on about 24.6 miles between Dorrington and Hermit Valley in Calaveras and Alpine counties.

The work involves:

(1) 120 tons liquid asphalt, SC-2;
(2) 140 tons liquid asphalt, SC-4;
(3) 130 tons liquid asphalt, SC-2;
(4) 30 tons liquid asphalt, SC-4.

Complete bids follow:

(A) Hayward Building Materials Co., Hayward, $7,659.
(B) C. F. Fredericksen & Sons, Lower Lake, $8,120.

Unit prices follow:

	(A)	(B)
(1)	$16.00	$17.75
(2)	18.70	21.00
(3)	19.00	18.50
(4)	21.70	21.50

COMPLETE BIDS

SHASTA COUNTY, Cal. — Hemstreet & Bell, 501 Eleventh St., Marysville, at $10,469 (as previously reported) submitted the low bid to the State Division of Highways, F. W. Haselwood, District Engineer, Redding, for about 0.1 mile grading and surfacing with road-mix surfacing on crusher run base in the City of Redding between Court and California Streets.

The work involves:

(1) 175 M. gals. water in place;
(2) 190 cu. yds. unclass. excavation (roadway);
(3) 100 cu. yds. structure excavation
(4) 6000 cu. yds. imported borrow in place;
(5) 7 stations finishing roadway;
(6) 150 cu. yds. untreated crushed gravel or stone;
(7) 360 cu. yds. crusher run base;
(8) 3.5 tons type SC-2 liquid asphalt (prime coat);
(9) 220 cu. yds. mineral aggregate (road mix surfacing);
(10) 15 tons type MC-3 or MC-4 liquid asphalt (surfacing);
(11) 3.5 tons type MC-3 or MC-4 liquid asphalt (seal coat);
(12) 20 cu. yds. screenings;
(13) 10 cu. yds. Class A Portland cement concrete (shoulders);
(14) 24 lin. ft. 8-in. corr. metal pipe;
(15) 230 lin. ft. 12-in. corr. metal pipe;
(16) 20 cu. yds. Class A Portland cement concrete (curb);
(17) 470 cu. yds. sand (blended subgrade).

The total bids were:

(A) Hemstreet & Bell, Marysville, $10,469.
(B) T. M. Morgan Paving Co., Los Angeles, $10,687.50.
(C) Tiffany Constr. Co., San Jose, $11,683.50.

The unit bids were:

	(A)	(B)	(C)
(1)	$ 1.00	$ 2.50	$ 1.50
(2)	1.00	.60	1.60
(3)	1.50	2.00	2.00
(4)	.90	.65	.70
(5)	10.00	20.00	10.00
(6)	2.40	3.00	3.00
(7)	2.25	3.00	3.00
(8)	35.00	30.00	50.00
(9)	3.00	4.50	6.00
(10)	35.00	30.00	35.00
(11)	35.00	30.00	50.00
(12)	3.00	4.00	6.00
(13)	25.00	35.00	30.00
(14)	1.00	1.50	2.50
(15)	1.50	2.50	2.90
(16)	25.00	25.00	30.00
(17)	1.50	2.50	2.50

BIDS OPENED

SACRAMENTO COUNTY, Cal.—Edwin Anderson, 209 Post St., San Francisco, at $2509.50 submitted low bid to State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for applying traffic stripe at various locations on about 420 miles of existing pavement in Placer, Sacramento, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada counties.

The work involves:

(1) 402 miles traffic stripe painting;
(2) 108 miles traffic stripe spotting.

Complete bids follow:

(A) Edwin Anderson, San Francisco, $2509.50.
(B) R. P. Paoli, San Francisco, $2,611.50.

Unit prices follow:

	(A)	(B)
(1)	$4.55	$4.75
(2)	6.30	6.50

LOS ANGELES COUNTY — 4.1 Mi. Grading Angeles Crest Forest Highway — Govt.)

LOS ANGELES COUNTY, Calif.—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco, at $228,471.50 submitted low bid to Bureau of Public Roads C. H. Sweetser, District Engineer, San Francisco, for 4.103 miles grading on Sections A and B of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles County.

Bids were received as follows:

Proposal A: 1.705 miles grading; all items for constructing Section A from Station 982 plus 77 to Station 1072 plus 49.

Proposal B: 2.398 miles grading; all items for constructing Section B from Station 1072 plus 49 to Station 1199 plus 21.

Proposal C: Combination of A and B.

Work to be done under Proposal "A" involves:

PROPOSAL "A"

(1) 25 acres clearing;
(2) 320,000 c.y. unclass. excavation;
(3) 1,000 c.y. do for structures;
(4) 532,000 sta. yds. overhaul;
(5) 1.705 miles finishing earth graded road;
(6) 212 l.f. 8-in. CGMP;
(7) 90 l.f. 12-in. CGMP;
(8) 1,190 l.f. 24-in. CGMP;
(11) 2 24-in. CGMP elbows;
(14) 3 type A spillway inlets;
(15) 2 type B spillway inlets;
(17) 234 l.f. remove and stockpile relay existing CMP;
(18) 15 c.y. Class A concrete;
(19) 600 lbs. reinforcing steel;
(20) 4 steel grates;
(21) 15 culvert markers;
(22) extra work, erosion control culvert outlets;
(23) extra work, fill slope erosion control;
(24) extra work, tree protection.

Complete bids under Proposal "A" follow:

(A) Frank C. Cuffe, San Rafael, $680.60.
(B) Lewis Construction Co., Los Angeles, $139,596.50.
(C) George J. Bock Co., Los Angeles, $147,166.25.
(D) Sharp & Fellows Contr. Co., Los Angeles, $149,317.80.
(E) R. E. Campbell, Los Angeles, $220,460.50.
(F) Engineer's estimate, $138,857.

Unit prices under Proposal "A" follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 250.00	$ 200.00	$ 350.00	$ 300.00	$ 600.00	$ 200.00
(2)	.37	.37	.40	.395	.60	.37
(3)	1.25	1.50	1.50	1.50	1.50	1.50
(4)	.008	.01	.001	.01	.005	.00
(5)	300.00	500.00	250.00	600.00	600.00	400.00
(6)	1.45	1.00	1.00	1.00	1.50	1.00
(7)	1.50	1.50	1.10	1.25	2.00	1.40
(8)	2.75	2.80	2.75	2.40	2.75	2.50
(11)	18.40	10.00	15.00	6.00	25.00	14.00
(14)	15.00	20.00	15.00	15.00	15.00	15.00
(15)	25.00	20.00	22.00	20.00	25.00	25.00
(17)	1.00	3.00	.75	.70	1.50	1.00
(18)	30.00	30.00	30.00	40.00	30.00	30.00
(19)	.06	.08	.10	.06	.06	.0
(20)	20.00	20.00	35.00	15.00	20.00	20.00
(21)	2.00	3.00	2.00	2.50	3.00	2.50
(22)	600.00	600.00	600.00	600.00	600.00	600.00
(23)	2500.00	2500.00	2500.00	2500.00	2500.00	2500.00
(24)	300.00	300.00	300.00	300.00	300.00	300.00

Work to be done under Proposal "B" involves:

PROPOSAL "B"

(1) 29 acres clearing;
(2) 324,000 c.y. unclass. excav.;
(3) 1,700 c.y. do for structures;
(4) 212,000 sta. yds. overhaul;
(5) 2.398 miles finishing earth graded road;
(8) 2 216 l.f. 24-in. CGMP;
(9) 174 l.f. 30-in. CGMP;
(10) 154 l.f. 36-in. CGMP;
(11) 3 24-in. CGMP elbows;
(12) 1 30-in. CGMP elbow;
(13) 1 36-in. CGMP elbow;
(16) 2 Type C spillway inlets;
(17) 204 l.f. remove and stockpile or relay existing CMP;
(18) 23 c.y. Class A concrete;
(19) 1,000 lbs. reinforcing steel;
(20) 11 each steel grates;
(21) 28 each culvert markers;
(22) extra work, erosion control at culvert outlets;
(23) extra work, fill slope erosion control;
(24) extra work, tree protection.

Complete bids under Proposal "B" follow:

(A) Lewis Const. Co., Los Angeles, $144,408.80.
(B) Frank C. Cuffe, San Rafael, $667.00.
(C) George J. Bock Co., Los Angeles, $153,431.50.
(D) R. E. Campbell, Los Angeles, $229,580.60.
(E) Engineer's estimate, $148,2[illegible]

Unit prices under Proposal "B" follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 200.00	$ 250.00	$ 275.00	$ 600.00	$ 200
(2)	.37	.37	.40	.60	[illegible]
(3)	1.50	1.50	1.50	1.50	1
(4)	.01	.01	.001	.005	
(5)	500.00	300.00	250.00	600.00	400
(8)	2.80	2.75	2.75	2.75	[illegible]
(9)	3.50	3.70	3.50	4.20	[illegible]
(10)	5.00	5.70	5.00	5.50	[illegible]
(11)	10.00	18.00	15.00	25.00	14
(12)	10.00	22.00	18.00	30.00	18
(13)	10.00	30.00	25.00	35.00	2[illegible]
(16)	20.00	28.00	25.00	30.00	20
(17)	3.00	1.00	.75	1.50	1
(18)	30.00	30.00	30.00	30.00	3[illegible]
(19)	.08	.10	.10	.06	
(20)	20.00	20.00	35.00	20.00	2[illegible]
(21)	3.00	2.00	2.00	3.00	[illegible]
(22)	700.00	700.00	700.00	700.00	70[illegible]
(23)	2500.00	2500.00	2500.00	2500.00	250[illegible]
(24)	300.00	300.00	300.00	300.00	30[illegible]

(Continued on Next Page)

Work to be done under Proposal "C" involves:

PROPOSAL "C"

1) 54 acres clearing;
2) 644,000 c.y. unclass. excav.;
3) 2,700 c.y. do for structures;
4) 744,000 sta. yds. overhaul;
5) 4.103 miles finishing earth graded road;
6) 212 l.f. 8-in. CGMP;
7) 90 l.f. 12-in. CGMP;
8) 3,406 l.f. 24-in. CGMP;
9) 174 l.f. 30-in. CGMP;
10) 154 l.f. 36-in. CGMP;
11) 5 24-in. CGMP elbows;
12) 1 30-in. CGMP elbow;
13) 1 36-in. CGMP elbow;
14) 3 type A spillway inlets;
15) 2 type B spillway inlets;
16) 2 type C spillway inlets;
17) 438 l.f. remove and stockpile or relay existing CMP;
18) 38 c.y. Class A concrete;
19) 1,600 lbs. reinforcing steel;
20) 15 steel grates;
21) 43 culvert markers;
22) extra work, erosion control at culvert outlets;
23) extra work, fill slope erosion control;
24) extra work, tree protection.

Complete bids under Proposal "C" follow:

(A) Guy F. Atkinson Co., San Francisco, $288,471.50.
(B) Granfield, Farrar & Carlin, San Francisco, $240,187.90.
(C) Bayshore Const. Co., San Francisco, $253,263.97.
(D) Healy-Tibbitts Const. Co., San Francisco, $268,173.80.
(E) Basich Bros., Torrance, $269,291.90.
(F) George J. Bock Co., Los Angeles, $271,612.75.
(G) Peninsula Paving Co., San Francisco, $274,396.18.
(H) Lewis Const. Co., Los Angeles, $277,565.00.
(I) C. G. Willis & Sons, Inc., and Chas. G. Willis, Los Angeles ,and Sander Pearson, Santa Monica, $282,408.00.
(J) Frank C. Cuffe, San Rafael, $282-803.00.
(K) Fredrickson & Watson Const. Co., Fredrickson Bros., Oakland, and Jones & King, Hayward, $286,311.80.
(L) Isbell Const. Co., Reno, Nevada, $299,837.30.
(M) Ralph A. Bell, Los Angeles, $307-226.10.
(N) Sharp & Fellows Contr. Co., Los Angeles, $314,736.30.
(O) Mittry Bros. Const. Co., Los Angeles, $331,197.23.
(P) Gibbons & Reed, Burbank, $361,494.60.
(Q) Daley Corp., San Diego, $399,482.80.
(R) Gunther & Shirley, Los Angeles, $430,441.90.
(S) R. E. Campbell, Los Angeles, $443-601.10.
(T) Engineer's estimate, $273,360.20.

Unit prices under Proposal "C" follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 150.00	$100.00	$100.00	$ 75.00	$275.00	$250.00	$225.00	$200.00	$ 90.00	$250.00
(2)	.30	.32	.347	.36	.34	.36	.356	.86	.385	.37
(3)	1.30	1.50	1.50	1.50	1.75	1.50	1.50	1.50	1.50	1.25
(4)	.005	.005	.0035	.005	.01	.001	.01	.01	.005	08
(5)	500.00	400.00	311.20	600.00	50.00	250.00	325.00	500.00	500.00	300.00
(6)	1.00	.95	.73	1.25	1.25	1.00	1.10	1.00	1.00	1.15
(7)	1.25	1.25	.94	1.60	1.50	1.10	1.40	1.50	1.25	1.50
(8)	2.25	2.40	2.00	3.00	3.50	2.75	2.75	2.80	2.50	2.75
(9)	2.75	3.00	2.53	4.00	5.00	3.50	3.50	3.50	3.50	3.70
(10)	4.00	4.60	4.00	5.50	6.00	5.00	5.50	5.00	5.50	5.90
(11)	20.00	25.00	16.32	22.00	15.00	15.00	20.00	10.00	18.00	18.40
(12)	25.00	25.00	18.87	25.00	18.00	18.00	25.00	10.00	22.00	21.20
(13)	30.00	30.00	26.65	30.00	25.00	25.00	35.00	10.00	30.00	30.00
(14)	10.00	20.00	11.76	25.00	20.00	15.00	20.00	20.00	12.00	15.00
(15)	20.00	25.00	19.41	30.00	30.00	22.00	30.00	20.00	20.00	25.00
(16)	20.00	30.00	20.53	35.00	25.00	25.00	35.00	20.00	22.00	28.00
(17)	.50	1.00	.87	1.00	.50	.75	.50	3.00	1.50	1.00
(18)	25.00	30.00	25.00	35.50	30.00	30.00	27.00	30.00	32.00	26.00
(19)	.06	.06	.05	.10	.06	.10	.06	.08	.10	.06
(20)	18.00	35.00	10.00	30.00	20.00	35.00	20.00	20.00	20.00	20.00
(21)	2.50	3.00	1.50	5.00	1.25	2.00	2.00	3.00	2.00	2.50
(22)	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
(23)	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
(24)	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	6000.00

	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
(1)	$150.00	$100.00	$180.00	$270.00	$225.00	$330.00	$300.00	$200.00	$600.00	$200.00
(2)	.38	.40	.41	.415	.43	.47	.54	.60	.59	.36
(3)	1.25	1.50	1.50	1.50	2.50	2.50	2.00	1.50	1.50	1.50
(4)	.01	.015	.01	.01	.01	.015	.01	.01	.05	.0075
(5)	400.00	500.00	500.00	600.00	575.00	500.00	500.00	300.00	600.00	400.00
(6)	1.00	1.25	1.60	1.00	1.50	.85	1.00	1.00	1.50	1.00
(7)	1.50	1.50	1.75	1.25	2.00	1.40	1.15	1.50	2.00	1.40
(8)	2.75	2.40	2.50	2.40	3.50	2.80	2.75	2.75	2.75	2.50
(9)	4.10	3.60	4.00	3.25	4.50	3.60	3.30	3.75	4.20	3.25
(10)	5.50	5.25	6.00	4.75	7.50	5.80	5.15	4.75	5.50	5.00
(11)	18.00	20.00	15.00	6.00	20.00	20.00	20.00	20.00	25.00	14.00
(12)	22.00	23.00	18.00	8.50	30.00	22.00	25.00	28.00	30.00	18.00
(13)	26.00	30.00	25.00	10.00	36.00	30.00	30.00	35.00	35.00	24.00
(14)	15.00	15.00	12.00	15.00	15.00	15.00	20.00	15.00	15.00	15.00
(15)	25.00	30.00	20.00	20.00	30.00	25.00	25.00	25.00	25.00	25.00
(16)	30.00	24.00	22.00	25.00	33.00	27.00	30.00	30.00	30.00	20.00
(17)	.70	1.00	1.00	.70	4.50	.75	1.00	1.00	1.50	1.00
(18)	40.00	35.00	30.00	35.00	35.00	35.00	35.00	32.00	30.00	30.00
(19)	.07	.07	.10	.06	.065	.07	.10	.09	.06	.08
(20)	36.00	22.00	20.00	15.00	30.00	38.00	20.00	20.00	20.00	20.00
(21)	2.50	3.50	2.50	2.50	3.00	3.00	3.00	2.50	3.00	2.50
(22)	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00
(23)	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
(24)	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00	600.00

Award of contract to Guy F. Atkinson recommended.

BIDS OPENED

NEVADA, Placer and Butte Counties, Calif.—Hayward Building Material Co., Atherton and Jackson Sts., Hayward, at $13,263.50 submitted low bid to State Division of Highways, C. H. Whitmore, Dist. Engineer, Marysville, for treating about 18.8 miles with Class A and B seal coat at various points in Nevada, Placer and Butte Counties.

The work involves:

(1) 65 tons liquid asphalt, 90-90, in place (Location A);
(2) 740 tons screenings in place (Location A);
(3) 65 tons liquid asphalt, 90-95, in place (Location B);
(4) 770 tons screenings in place (Location B);
(5) 67 tons liquid asphalt, MC-3, in place (Location C);
(6) 600 tons sand in place (Loc. C).

Complete bids follow:

(A) Hayward Building Materials Co., Hayward, $13,263.50.
(B) Lee J. Immel, Berkeley, $14,040.
(C) A. Teichert & Son, Inc., Sacramento, $15,195.10.

Unit prices follow:

	(A)	(B)	(C)
(1)	$18.00	$26.00	$25.05
(2)	5.05	5.20	6.05
(3)	18.50	23.00	26.00
(4)	4.75	4.50	4.30
(5)	19.50	26.00	26.55
(6)	3.65	3.00	3.85

BIDS WANTED

CHURCHILL and Lander Counties, Nev.—Until September 11, 2 P. M., bids will be received by the Directors of the Department of Highways, R. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nev., for constructing 9.68 miles of the state highway system in Churchill and Lander Counties, Route 2, Sections F and A, between eight miles east of Eastgate and Campbell Creek Ranch.

The work involves:

(1) 474 l.f. remove culvert pipe;
(2) 75 each remove culvert headwalls
(3) 126,740 c.y. roadway excavation;
(4) 93,026 sta. yds. overhaul;
(5) 23,380 c.y. select borrow;
(6) 710 c.y. structure excavation;
(7) 9.68 miles subgrade;
(8) 9.68 miles finish roadway;
(9) 36,800 tons crush. gravel or stone surface;
(10) 334 c.y. Class A concrete;
(11) 40 c.y. Class B concrete;
(12) 33,960 lbs. reinforcing steel;
(13) 0.80 M. ft. B.M. redwood;
(14) 456 l.f. 15-inch corrugated metal pipe (dipped);
(15) 592 l.f. 18-in. do;
(16) 202 l.f. 24-in. do;
(17) 34 l.f. 30-in. do;
(18) 30 c.y. hand-laid riprap;
(19) 164 l.f. relay culvert pipe;
(20) 233 each monuments ;
(21) 800 lbs. castings;
(22) 220 l.f. 4-in. pipe.

This contract is a Federal Aid Project and the contractor will be required to obtain 50% of the unskilled and intermediate grade labor employed from relief rolls.

Plans and specifications may be obtained on deposit of $5, of which $2.50 is returnable; on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco.

CONTRACT AWARDED

SAN BENITO, Monterey, San Luis Obispo and Santa Barbara Cos., Cal. —Al. W. Simmonds, 3427 J St., Sacramento, at $3,604 awarded contract by State Division of Highways, for applying about 560 miles of traffic stripe and 160 miles spotting traffic stripe on existing pavement on various locations in San Benito, Monterey, San Luis Obispo and Santa Barbara counties.

CONTRACT AWARDED

LOS ANGELES COUNTY Calif.—Oswald Bros., 366 E 58th Street, Los Angeles, at $9,940 awarded contract by State Division of Highways for about 4.6 miles of treating shoulders with liquid asphalt (road-mix) and applying seal coat, between Cerritos Avenue and Mercantile Place, and Ramona Blvd. and Aliso Street, and Fickett St., Los Angeles County.

CONTRACT AWARDED

MODOC COUNTY, Cal.—Hemstreet & Bell, 501 Eleventh St., Marysville, at $10,200 awarded contract by St Division of Highways for producti of 12,000 cubic yards of crushed gra el for use in Modoc county betw Rush Creek and Adin.

BIDS WANTED

SAN FRANCISCO—Until Septemb 11, 2:30 P. M., bids will be recei by Department of Public Works, J. Hester, Deputy Director, Room 2 City Hall, for constructing crossove on Sloat Blvd. at intersections Twenty-second avenue, Twenty-six avenue, El Mirasol place, Thirt fourth avenue and Forty-fourth A

The work involves:

(1) 2 each storm water inlets, co plete;
(2) 24 lin. ft. 10-in. VCP culvert place;
(3) 106 lin. ft. 6-in. iron pipe culv in place;
(4) 240 sq. ft. drainage gutter, co sisting of a 4-in. base ro course and a ¾-in. emulsifi asphaltic wearing surface;
(5) 75 sq. ft. basalt block lining f culvert inlet and outfall;
(6) 8200 sq. ft. asphaltic concre pavement, consisting of a 4- asphaltic concrete base and a in. asphaltic concrete weari surface.

Estimated cost $3200. Plans a specifications may be obtained fro City Engineer John J. Casey, Roo 357, City Hall, on deposit of $10.

GRAND COULEE, Wash.—4,220,000 bbls. Portland Cement — (Govt.)

GRAND COULEE, Wash.—Following are complete bids received by the U. S. Bureau of Reclamation, Denver, for furnishing cement for Grand Coulee Dam; Spec. No. 641:

Bids were received from the following:

(1) Northwestern Portland Cement Co., Seattle (fob Grotto, Wash.);
(2) Superrior Portland Cement, Inc., Seattle (fob Concrete or Seattle, Wash.);
(3) Spokane Portland Cement Co., Spokane (fob Irvin, Wash.)
(4) Lehigh Portland Cement Co., Spokane (fob Metaline Falls, Wash.)
(5) Olympic Portland Cement Co. Ltd. Seattle (fob Bellingham, Wash.)
(6) Beaver Portland Cement Co. Portland (fob Gold Hill, Ore.)
(7) Pacific Portland Cement Co., San Francisco (fob Odair, Wash.)

The bid items are:

Item A: 720,000 bbls. modified portland cement; estimated maximum delivery required, daily 6,000 barrels; monthly, 150,000 barrels.

Item B (alternate to A): 720,000 barrels standard portland cement; estimated maximum delivery required, daily 6,000 bbls.; monthly 150,000 bbls.

Item C: 3,500,000 bbls. modified portland cement; estimated maximum delivery required, daily 13,500 barrels; monthly, 300,000 barrels.

Item D (alternate to C): 650,000 tons modified portland cement clinker; estimated maximum delivery required, daily 2,500 tons; monthly 55,000 tons.

The complete bids follow:

ITEM A

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bid price fob destination	No bids received fob destination						
Bid price fob mill	$1.3796	$1.3796	$1.53	$1.3796	$1.38	$	$
Less discount	.10	.10	.10	.10	.10	.....	.....
Net mill price	1.2796	1.2976	1.43	1.2796	1.28	.....	.....

	(1)	(2)	(3)	(4)	(5)
Amount bid on	75,000 bbls.	350,000 bbls.	70,000 barrels	100,000 barrels	140,000 barrels
Total net delivered cost	$143,910	$671,580	$134,316	$191,880	$268,688
Maximum daily delivery	600 bbls.	4,000 bbls.	1,000 barrels	2,500 barrels	3,000 barrels
Maximum monthly delivery	16,000 bbls.	100,000 bbls.	12,000 barrels	40,000 barrels	60,000 barrels

ITEM B

All quotations identical with those of Item A.

ITEM C

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bid price fob destination	.....	.....	.....	.....	.....	.....	$3.09614
Bid price fob mill	$1.3796	$1.3796	$1.53	$1.3796	$1.38	$1.40	.....
Less discount	.10	.10	.10	.10	.10	.10	.....
Net mill price	1.2796	1.2976	1.43	1.2796	1.28	1.30	.....

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Amount bid on	375,000 bbls.	1,650,000 bbls.	330,000 bbls.	500,000 bbls.	660,000 bbls.	250,000 bbls.	350,000 bbls.
Total net deliv. cost	$719,550	$3,166,000	$633,204	$959,400	$1,266,672	$572,248.20	$766,222.24
Max. daily deliv.	1,000 bbls.	7,000 bbls.	1,500 bbls.	2,500 bbls.	3,000 bbls.	2,000 bbls.	1,000 bbls.
Max. monthly deliv.	30,000 bbls.	150,000 bbls.	20,000 bbls.	40,000 bbls.	60,000 bbls.	30,000 bbls.	25,000 bbls.

ITEM D

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Bid price fob destination	.....	.....	.....	.....	.....	.....	$15.35
Bid price fob mill	$6.80	$6.80	$7.60	$6.80	$6.80	$5.475	.....
Less discount	.50	.50	.50	.50	.50	.25	.....
Net mill price	6.30	6.30	7.10	6.30	6.30	5.225	.....

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Amount bid on	70,000 tons	310,000 tons	60,000 tons	90,000 tons	125,000 tons	73,000 tons	65,000 tons
Total net del. cost	$679,000	$3,007,000	$582,000	$873,000	$1,212,500	$765,448.80	$718,757
Max. daily delivery	200 tons	1,300 tons	200 tons	250 tons	600 tons	300 tons	160 tons
Max. monthly delivery	6,000 tons	30,000 tons	3,500 tons	7,500 tons	12,000 tons	6,500 tons	4,700 tons

BDS OPENED

UTTE, Yolo, Colusa and El Do rdo Cos., Calif.—Hayward Building Materials Co., Atherton and Jackson St., Hayward, at $13,870.45 submitted low bid to State Division of Highways, C. H. Whitmore, District Engineer, Marysville, for treating about 27 miles with Class A, B and C seal coat at various points in Butte, Yolo, Colusa and El Dorado counties.

The work involves:

( ) 42 tons asphaltic emulsion, 90-95, in place (Location A);
( ) 360 tons sand in place (Loc. A);
( ) 40 tons asphaltic emulsion, 90-95 in place (Location B);
( ) 335 tons sand in place (Loc. B);
( ) 55 tons liquid asphalt, MC-3 (Location C);
( ) 485 tons sand in place (Loc. C);
( ) 23 tons liquid asphalt, 90-95, in place (Location D);
( ) 255 tons screenings in place (Location D);
( ) 95 tons liquid asphalt, MC-3, in place (Location E);
( ) 825 tons sand in place (Loc. E);
( ) 27 tons liquid asphalt, MC-3, in place (Location F);
( ) 240 tons sand in place (Loc. F).

Complete bids follow:

( ) Hayward Building Materials Co., Hayward, $13,870.35.
( ) Lee J. Immel, Berkeley, $14,548.50.
( ) A. Teichert & Son, Inc., Sacramento, $16,756.60.

Unit prices follow:

	(A)	(B)	(C)
( )	$25.05	$22.00	$28.35
( )	2.85	3.00	3.35
( )	22.60	20.00	26.40
( )	2.85	3.00	3.45
( )	23.25	22.00	27.70
( )	2.85	2.70	3.30
( )	23.65	21.00	27.50
( )	3.60	3.80	4.00
( )	25.25	30.00	32.50
( )	2.25	2.80	2.75
( )	26.95	24.00	34.20
( )	3.45	4.00	4.55

BDS WANTED

OREGON STATE—Until September 9 A. M., bids will be received by Oregon State Highway Commission, Public Service Bldg., Portland, for highway improvements as follows:

Clackamas County: Milwaukie-Oregon City Section of East Portland-Oregon City Highway. Federal Aid Projects Nos. 168-A, 168-B and 168-C. 5.52 miles paving, requiring approximately 22,000 cu. yds. excavation; 63,000 sq. yds. Portland cement concrete pavement; 13,800 sq. yds. asphaltic concrete pavement; and 22,000 sq. yds. rock shoulders.

Crook County: Prineville - Ochoco Junction Section of Ochoco Highway. Federal Aid Project No. 175-A. 5.5 miles grading, surfacing, oil mat surface treatment and furnishing crushed material in stockpiles. Requires approximately 53,000 cu. yds. excavation; 12,000 cu. yds. gravel topping; 10 cu. yds. gravel surfacing; 65,000 sq. yds. oil mat surface treatment (type O-11) and furnishing 4000 cu. yds. crushed materials in stockpile.

Harney County: Nigger Flat Section of Central Oregon Highway. Federal Lands Highway Project No. FLH 4-G. 0.59 mile grading, requiring approximately 31,000 cu. yds. excavation and 750 cu. yds. roadbed topping. This project may be in combination with Chinney Creek-Juntura project in Malheur County.

Lake County: Horse Ranch - Silver Lake Section of Fremont Highway. Federal Aid Project No. 136-C. 15.5 miles gravel surfacing and 16.4 miles road mix or plant mix surface treatment, requiring approximately 46,000 cu. yds. pit-run gravel surfacing; 350,000 cu. yds. gravel shoulders; and 173,000 sq. yds. of either road mix surface treatment or plant mix bituminous macadam.

Malheur County: Chimney Creek-Juntura Section of Central Oregon Highway. Feredal Aid Project No. 187-D and Federal Lands Highway Project No. FLH 4-F. 5.79 miles grading, requiring approximately 137,000 cu. yds. excavation and 9000 cu. yds. roadbed topping. This project may be bid in combination with Nigger Flat Project in Harney County.

Multnomah and Washington Counties: West Portland-Washington County Line Section of West Side Pacific Highway. U. S. Public Works Project Nos. NRH 203-B (1935) and NRH 75 (1935). 1.45 miles paving, requiring approximately 17,400 cu. yds. Portland cement concrete pavement; 4000 sq. yds. asphaltic concrete pavement; and 7000 sq. yds. rock shoulders.

Tillamook County: Brooks-Jordan Creek Sec. of Wilson River Highway. U. S. Works Program Highway Project No. WPH 191-C. 4.17 miles grading, requiring approximately 222,000 cu. yds. excavation and 1000 cu. yds. roadbed topping. This project must provide 239,000 man-hours of labor.

Tillamook County: Meda Quarry-Upper Yach Bridge Section of Little Nestucca Secondary Highway. State Project. 2.5 miles rock surfacing, requiring approximately 1000 cu. yds. excavation; 2000 cu. yds. pit-run surfacing materials, and 2000 cu. yds crushed rock surfacing materials.

Umatilla County: Emigrant Hill-Emigrant Springs Section of the Old Oregon Trail. Federal Aid Projects Nos. 62-A and 118. 6.95 miles regrading, surfacing and constructing bituminous macadam wearing surface, and furnishing crushed rock in stockpile. Requires approximately 16,000 cu. yds. excavation; 48,000 cu. yds. crushed rock surfacing materials; 82,000 sq. yds. bituminous macadam wearing surface (type B-12) and furnishing 2400 cu. yds. crushed rock in stockpile.

Umatilla County: Furnish and deliver all or any part of the trees, shrubs, vines and other nursery stock required for one mile of roadside planting on the State Hospital-Ash Street Section of Old Oregon Trail in Pendleton. U. S. Public Works Project No. NRM 38-C (1935). Requires approximately 219 trees; 556 shrubs; 1540 vines and other nursery stock.

Plans and specifications may be ob-

LOS ANGELES — Met. District Telephone Lines — (Dist.)

LOS ANGELES, Cal. — Newbery Electric Corp., 315 W. Ninth St., Los Angeles, at $73,690 (previously reported) submitted low bid to Metropolitan Water District, Los Angeles for constructing telephone lines in accordance with Specifications No. 106. The work is located in Clark County, Nevada, and in San Bernardino and Riverside Counties, California, and comprises the construction of approximately 140 miles of telephone trunk line and the conversion of approximately 8 miles of existing spur line to trunk line construction. F. E. Weymouth, General Manager and Chief Engineer. The items are:

(1) convert 3.6 miles of existing spur line between Hayfield Junction and Hayfield pump lift to trunk line construction (per pole line mile);
(2) convert 4.2 miles of existing spur line between Iron Mt. Junction and Iron Mt. pump lift to trunk line construction (per pole line mile);
(3) construct 50 miles of trunk line from Iron Mt. pump lift to Goffs Junction (per pole line mile);
(4) construct 1.3 miles of trunk line from Goffs Junction to Goffs switching station (per pole line mile);
(5) construct 85.6 miles of trunk line from Goffs Junction to junction with U. S. Government line near Boulder City (per pole line mile)
(6) construct 2.6 miles of trunk line from Intake Junction to intake pump lift (per pole line mile);
(7) furnish and erect at the option of of the district, if ordered within 150 days after date of contract, on a pole lead to be provided by the district, materials at prices stated by bidder:
(a) 230 single arm assemblies, and hardware per Drawing C-898 with pins and insulators for 1 pair of wires (per assembly);
(b) 15 double arm assemblies, and hardware per Drawing C-888, with pine and insulators for 1 pair of wires (per assembly);
(c) 10 double arm assemblies, and hardware per Drawing C-1030, with celvis insulators for 1 pair of wires (per assembly);
(d) 7 circuit miles of No. 6 AWG (2-conductor) circuit, equipped with transposition brackets and tie wires (per assembly);
(e) 15 guy and anchor assemblies, assembled with materials per Drawing C-888 (per assembly).

The total bids were:

(A) Newbery Electric Corp., Los Angeles, $73,690.
(B) Norton & Norton Elec. Co., Ltd., Los Angeles, $78,888.
(C) H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, $81,892.78.
(D) Fritz Ziebarth, Long Beach, $87,123.10.
(E) Bennett & Taylor, Los Angeles, $87,139.90.
(F) Flour Corp., Ltd., Box 128, Station K, Los Angeles, $89,739.40.
(G) New Mexico Constr. Co., Inc., Albuquerque, N. M., $111,625.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$1310.00	$1459.90	$1639.00	$1357.00	$1491.00	$1888.00	$1725.00
(2)	643.00	950.40	1144.00	868.00	1031.00	1250.00	1285.00
(3)	440.00	464.85	481.45	585.00	519.00	499.90	660.00
(4)	700.00	750.95	698.25	671.00	800.00	794.00	950.00
(5)	440.00	456.20	468.25	510.00	522.00	512.50	680.00
(6)	989.00	1065.48	1195.00	895.00	1139.00	1924.00	1425.00
(7a)	4.40	1430.19*	4.95	3.00	3.55	.....	8.00
(b)	16.60	319.30*	9.40	9.00	12.60	.....	20.00
(c)	18.40	281.03*	11.30	10.00	14.70	.....	25.00
(d)	189.00	1235.44*	200.00	146.00	200.00	.....	190.00
(e)	24.00	335.01*	15.00	8.00	17.00	.....	10.00
Subtotals (7a) to (7e)	3128.00	3690.97	3017.50	2067.00	2807.50	2793.00	3870.00

*Totals

tained at the office of State Highway Engineer R. H. Baldock, Room 322, State Office Bldg., Salem, on deposit

DAY LABOR PROJECTS

WASHOE COUNTY, Nev. — State Department of Highways, R. A. Allen State Highway Engineer, has received approval of Bureau of Public Roads, C. H. Sweetser, Dist. Engineer, San Francisco, to undertake two day-labor projects with work-relief highway funds.

The projects are:

(1) Between the north city limits of Reno and the California - Nevada state line, near Purdy, rounding cut slopes and general cleanup of right-of-way;

(2) Near Lawton Springs construct two retaining walls, raising grade with material excavated in order to place the walls; providing asphaltic dust layer for the raised grade

BIDS WANTED

TEHAMA CO., Cal.—Until September 5, 2 P. M., bids will be received by State Division of Highways, F. W. Haselwood, Dist. Engineer, Redding, for applying seal coat on about 13.4 miles between Route 3 and 1½ miles east of Dales, Tehama County.

The work involves:

(1) 145 tons liquid asphalt, SC-4;

(2) 1,050 c.y. sand.

Specifications and proposal forms on application to above and on file at the office of the DAILY PACIFIC BUILDER.

BIDS WANTED

NYE COUNTY, Nev.—Until Sept. 11 2:30 P. M., bids will be received by the Directors of Department of Highways, R. A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, Nev., for constructing 24.21 miles of the state highway system in Nye County, Route 5, Sections H2, J and K, between three miles north of Springdale and six miles south of Stonewall Pass.

The work involves:

(1) 67,900 c.y. roadway excavation;
(2) 46,176 sta. yds. overhaul;
(3) 39,618 c.y. select borrow;
(4) 1,180 c.y. structure excavation;
(5) 24.21 miles subgrade;
(6) 24.21 miles finish roadway;
(7) 90,00 tons crushed stone or gravel surface;
(8) 73 c.y. Class B concrete;
(9) 1,700 lbs. reinforcing steel;
(10) 5.3 M. ft. B.M. redwood;
(11) 1,354 l.f. 18-in. corrugated metal pipe (dipped);
(12) 806 l.f. 24-in. do;
(13) 44 l.f. 30-in. do;
(14) 128 l.f. remove culvert pipe;
(15) 30 l.f. relay culvert pipe;
(16) 76 l.f. 3x2-ft. laminated culvert;
(17) 76 l.f. double 3x2-ft. do;
(18) 56 each monuments (remove and reset).

This contract is a Federal Lands Highway Project and the contractor will be required to obtain 50% of the unskilled and intermediate grade labor employed from relief rolls.

Plans and specifications may be obtained on deposit of $5, of which $2.50 is returnable; on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco.

LOW BIDDER

APACHE & NAVAJO COS., Ariz.—Geo. W. Orr, Bisbee, Ariz., at $133,-997 (Laykold alternate) submitted the low bid to Bureau of Public Roads, C. H. Sweetser, District Engineer, Phoenix, for placing a bituminous treated surfacing on 25.303 miles of Section A, B1 and B2 of Route 1 and all of Route 2 of the Petrified Forest National Monument, Apache and Navajo Counties.

Seven bids were received. Following are the three low:

George W. Orr, Bisbee, (1) $133,-997 for Laykold; (2) $147,000 for cut-back asphalt.

Southern California Roads Co., Los Angeles, (1) $161,704.50; (2) $162,024 50.

W. E. Hall Co., Phoenix, (1) $164,-804; (2) no bid.

Engineer's estimate, (1) $154,866 25; (2) $168,087.25.

BIDS OPENED

APACHE & NAVAJO COS., Ariz.—Identical bids submitted by Gilmore Oil Co., Los Angeles; Petrol Corp., Los Angeles; Standard Oil Co., San Francisco; General Petroleum Corp., Los Angeles; Richfield Oil Co., Los Angeles; Associated Oil Company, San Francisco; Shell Oil Co., San Francisco; Union Oil Co., Los Angeles, to Bureau of Public Roads, San Francisco, for furnishing asphaltic road material for Sections A, B1, B2 of Route 1, and all of Route 2, Petrified Forest National Monument, Apache and Navajo Cos., Ariz., as follows:

(1) 310 tons asphaltic road material Type MC-2, $12.50 per ton, total $3,-875.00.

(2) 205 tons asphaltic road material Type RC-2, $12.50 per ton; total $2,-562.50.

(3) 1900 tons asphaltic road material Type MC-5 (alternate to items 4 and 5) $12.50 per ton; total $23,750.

(4) 760 tons Laykold tempering fluid no bid.

(5) 1400 tons asphaltic cement, $12 per ton, $16,800 total.

American Bitumuls Co., San Francisco, submitted the only bid received on Item (4) at $22.40 per ton, $17,-024, total for delivery at Inglewood, Calif.

CONTRACT AWARDED

CHELAN COUNTY, Wash.—Myers & Goulter, 3227 First St., Seattle, at $99,027.75 (metal pipe alternate) were awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for grading 1.6 miles of Stevens Pass National Forest Highway, about 3 miles east of Berne, Chelan County.

BIDS WANTED

WASHINGTON STATE—Until September 10, 10 A. M., bids will be received by Lacey V. Murrow, Director of Highways, Olympia, for improving state highways as follows:

Skamania County: 1.3 miles clearing, grading and draining, Federal Aid Project No. 112-F involving about 15 acres clearing, 229,310 c.y. excavation, 1567 c.y. concrete, 1656 l.f pipe culvert, and other items.

Lincoln County: 3.9 miles grading, draining and surfacing with crushed stone, Federal Aid Project No 133-F, involving about 38,940 c.y. excavation, 40,410 c.y. crushed stone surfacing, 38 c.y. concrete, 1,221 l.f. pipe culvert and other items.

Snohomish County: 1.4 miles clearing, grading, draining and surfacing with crushed stone, Federal Aid Project No. 189-D, involving about twenty acres clearing, 149,230 c.y. excavation, 5240 c.y. crushed stone surfacing, 2,-497 l.f. pipe culvert, and other items.

Snohomish County: 2.9 miles clearing, grading, draining, surfacing with crushed stone and constructing timber framed trestle, Section B, Public Works Proj. No. 7713, involving about 28 acres clearing, 220,840 c.y excavation, 10,560 c.y. crushed stone surfacing, 67 c.y. concrete, 1.0 MBM timber and lumber untreated, 22.0 MBM timber and lumber treated, 2427 l.f. pipe culverts, and other items.

Chelan County: 6.2 miles ballasting and surfacing with crushed stone, Federal Aid Project No. 190-C, involving about 20,690 c.y. ballast; 1 450 c.y. crushed stone surfacing a other items.

Grant County: 13.4 miles grad and surfacing, Section 2, Unit 2, Pu lic Works Project No. NRS 217-A, ve ving about 24,000 c.y. borrow, 4 520 c.y. ballast, 14,050 c.y. crush stone surfacing and other items.

Specifications from above office deposit of $2 per set.

NOTICE TO BIDDERS

SACRAMENTO, Cal.—State Hig way Engineer C. H. Purcell has the cost of blue prints for the w now advertised, bids to be opened Sacramento Sept. 11, and in Los A geles Sept. 12, as follows:

II-Sha-Las-28-E,A bet. Fall Ri Mills and Nubiever, bids to be op ed in Sacramento: PLANS (No. Sheets) 3; no charge; no Cross-Se tions.

VII-L.A-167 - A, bridge across L Angeles River at Olive Street n Compton; bids to be opened in L Angeles: PLANS (No. of Sheets) (Cost) $.40; no Cross-Sections.

Checks for the above should made payable to the Department Public Works, Division of Highwa and should accompany the order this office.

Requests for plans, specificatic and proposal forms must be addres to the office of the State Highw Engineer, P. O. Box 1499, Sacrame to.

CONTRACT AWARDED

NAVAJO COUNTY, Ariz.—Skour Bros., Albuquerque, N. M., at $4 240.35 awarded contract by Bureau Public Roads, C. H. Sweetser, D trict Engineer, San Francisco, 8.125 miles grading Section B a placing selected material subgra reinforcement on Sections A and of Route 30, the Globe-Showlow N tional Forest Highway, Navajo Co.

31 — PIPE LINES & WELL

LOW BIDDER

SANTA CLARA AND SAN MAT COS., Cal.—Youdall Construction C Matson Bldg., San Francisco, w reported low bidder yesterday for la ing about 45 miles of pipe line tween the Milpitas Terminal of t Kettleman Hills natural gas supp line and the San Francisco Cour line. No official announcement w made by the company, which also h bids under consideration from W. Bechtel Co., 155 Sansome St. s Lindgren & Swinerton, Standard Bldg.

A contract has been awarded We ern Pipe & Steel Co., 444 Market S San Francisco, for fabricating 8 tons of 22-inch electric welded st pipe at a cost of approximately $80 000. Total cost of the line is es mated at $1,500,000.

The line is to be laid undergrou from Milpitas through Sunnyvale a the Stanford University campus a Woodside to a junction with the Sk line boulevard, thence along the hig way route to a point near Junipe Serra boulevard and the county li where it will connect with the e isting 26-inch supply line. The n line will supply natural gas to an ar not now served and will supplem the supply for the city of San Fra cisco.

Work is to start immediately order to complete by December 1.

BIDS OPENED

LOS ANGELES.—Bids received D. P. Nicklin, purchasing agent of Los Angeles Water and Power B reau, Room 740, 207 S. Broadway, furnishing welded steel ventilati

ipe under Spec. No. 1770, as follows. The bidders were:

(1) for 20,000 ft. of 18-in. ID No. 14 SS gauge welded steel ventilating ipe:

(a) for cars or trucks bidder's shipping point;

(b) fob cars Lone Pine;

(c) fob trucks department's camp sites in Mono Basin.

(1-alt.) for same except that all ections of pipe to be given hydrostatic test.

The bidders were:

(A) American Pipe & Steel Corp., ob point Alhambra; shipping weight, 0,350 lbs. Terms net.

(B) Southwest Welding & Mfg. Co., ob point Alhambra; shipping weight, 0,000 lbs. Terms net.

(C) Western Pipe & Steel Co., fob oint Santa Fe Ave.; shipping weight 0,000 lbs. Terms net.

(D) West Coast Pipe & Steel Co., ob point Los Angeles; shipping wt., 0,000 lbs. Terms net.

(E) Southern Pipe & Casing Co., ob point Azusa; shipping wt., 310,-00 lbs. Terms net.

(F) Consolidated Steel Corp., Ltd., ob point Los Angeles; shipping wt., 03,000 lbs. Terms net.

The bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(a)	$.5453	$.625	$.525	$ ..	$.564	$.565
(b)	6261	.678	.575		.634	.61
(c)	.6353	.73	.62	.895	.674	.665
(alt a)	5505	.645	.535		.564	.57
(alt b)	.6313	.695	.585		.634	.62
(alt c)	.6405	.75	.63	.905	.674	.68

32—SEWERS & SEWAGE DISPOSAL PLANTS

OW BIDDER

LOS ANGELES, Cal.—Artukovich ros. and Bebek & Erkich, 422 North ecord St., Los Angeles, at $42,579.44 ubmitted low bid to the Los Angeles oard of Public Works, for construction of sanitary sewers in Redwood ve., between Lucille Ave. and the rst alley northwesterly of Venice oulevard and portions of other treets and alleys in the Centinela venue and Venice boulevard Sewer istrict.

UNDS ALLOTTED

NOGALES, Ariz .— PWA has allotted $110,000 from old public works unds to the International Boundary omnission, State Department, to omplete construction of an internaional flood waterway at Nogales, riz., and Nogales, Sonora and to improve existing channels to carry off ood waters in the region.

ONTEMPLATED

SONORA, Tuolumne Co., Cal.—City ouncil has under consideration a ond issue of $35,750 to be submitted t a special election, to provide funds r extension of outfall and sewer lines nd constructing a sewage disposal lant; and for grading and macadmizing city streets.

Estimated cost of sewage plant nprovements is $60,000 for paving ork, $30,000.

Application will be made to PWA or funds to supplement bond proeeds.

ENGINEER APPOINTED

JACKSON, Amador Co., Cal.—City ouncil has appointed John S. Bates, 131 Eton Ave., Berkeley, consulting ngineer to make preliminary plans or a sewage disposal plant and prepare an application to PWA for funds o complete the project.

PREPARING PLANS

STOCKTON, San Joaquin Co., Cal. City Manager W. B. Hogan will ask the city council to appropriate $2,000 for preliminary expenses in preparing plans for enlargement of the city sewer system, including construction of two disposal plants.

City contemplates extensive sewer construction program as PWA project.

33— WATER WORKS

BIDS OPENED

SAN FRANCISCO. — Bids received by U. S. Forest Service, P. C. Brown, Procurement Engineer, Rm. 916, Phelan Bldg., San Francisco, for furnishing one deep well pumping unit for delivery at Placerville; Bid No. 663:

Fairbanks, Morse Co., San Francisco, $288.20; net.

Crane Co., Sacramento, $255.09; 2% 30 days.

Simonds Machinery Co., Placerville $294.50; net.

Pacific Pump and Supply Co., San Francisco, $225; 2% 30 days.

Woodin and Little, San Francisco, $209; 2% 30 days.

BIDS WANTED

SAN FRANCISCO—Until September 17, 3 P. M., bids will be received by Public Utilities Commission, Felton Taylor, Secretary, Room 287, City Hall, for laying 6-in. and 8-in. cast iron mains in the University Mound District, San Francisco Water Department Spec. No. 82.

The work involves:

(1) 25,590 lin. ft. excavation and backfill for 6-in. and 8-in. pipe, trench 17-in. by 36-in.;
(2) 400 cu. yds. additional excavation and backfill;
(3) 880 sq. ft. additional pavement removal and replacement;
(4) Installation of pipe:
  (a) 22,980 lin. ft. 6-in. B & S cast iron pipe;
  (b) 2610 lin. ft. 8-in. B & S cast iron pipe;
(5) 28,540 lbs. installing fittings, gate valves, etc.;
(6) 3310 lin. ft. making joints, B & S;
(7) 35,060 sq. ft. repavement.

Specifications and proposal forms may be obtained from N. A. Eckart, Chief Engineer, San Francisco Water Department, Room 605, 425 Mason St., on deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until September 17, 3 P. M., bids will be received by Public Utilities Commission, Felton Taylor, Secretary, Room 287, City Hall, for laying 6-in. and 8-in. cast iron mains in Cotter Street, from Alemany Blvd. to Cayuga and in Cayuga from Theresa to Santa Rosa Streets; San Francisco Water Department Spec. No. 87.

The work involves:

(1) 1275 lin. ft. excavation and backfill trench 17-in. by 36-in.;
(2) 20 cu. yds. additional excavation and backfill;
(3) 25 sq. ft. additional pavement removal and replacement;
(4) Installation of pipe:
  (a) 395 lin. ft. 6-in. bolted joint cast iron pipe;
  (b) 880 lin. ft. 8-in. do;
(5) 1600 lbs. installation of fittings, etc.;
(6) 30 lin. ft. making joints, B & S;
(7) 190 joints making 6-in. and 8-in. bolted joints;
(8) 75 sq. ft. pavement;
(9) Lump sum, pipe and service connections.

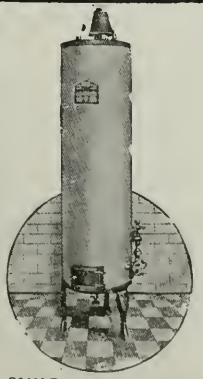
Specifications and proposal forms may be obtained from N. A. Eckart, Chief Engineer, San Francisco Water Department, Room 605, 425 Mason St., on deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until September 17, 3 P. M., bids will be received by Public Utilities Commission, Felton Taylor, Secretary, Room 287, City Hall, for laying 6-in. and 8-in. cast iron mains in the Twin Peaks District, San Francisco Water Department Spec. No. 83.

The work involves laying approximately 14,260 feet of 6-in. cast iron pipe and 4010 feet of 8-in. cast iron pipe, with fittings, valves and appurtenances to be laid with lead or cement joints.

Specifications and proposal forms may be obtained from N. A. Eckart, Chief Engineer, San Francisco Water Department, Room 605, 425 Mason St., on deposit of $10.



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

Section 436½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

Regulations Modified To Rush Highway Work

PWA Closes Books on Non-Federal Projects

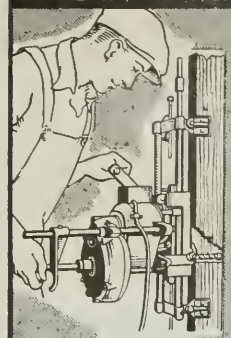
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

PT. 7, 1935

Vol. XVIII—No. 36

WAPPAT Electric TOOLS



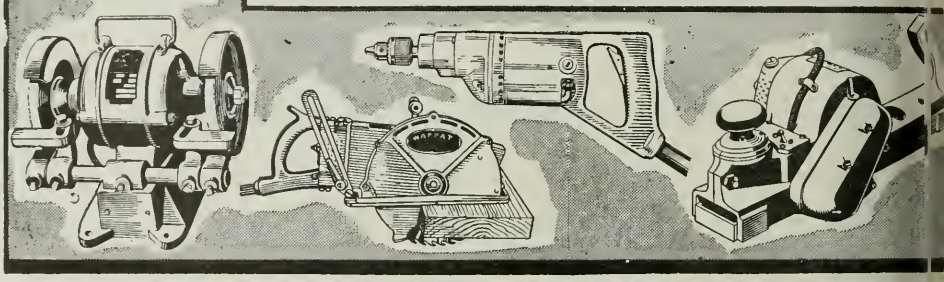
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angele

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., SEPTEMBER 7, 1935 No. 36

Relief-Labor Clause Modified For Highway Contracts; States Ordered To Rush Work

Changes in regulations governing the work-relief highway program that will clear the path for immediate contracting of millions of dollars worth of work in California and other western states have been authorized at Washington. Word of the modification reached here in a telegram from Thos. H. MacDonald, chief of the U. S. Bureau of Public Roads, to Dr. L. I. Hewes, regional director.

Mr. MacDonald's message stated that the requirement of a 40% direct labor expenditure on grade separation projects had been withdrawn entirely, and that for both highway and grade separation projects the intermediate and common labor requirements only must be procured from the unemployed lists, although preference still is to be accorded relief labor on all projects.

While the regional office in San Francisco was awaiting detailed instructions from the chief of the bureau, district engineers already were in conference with the state highway departments to assist them re-draft their programs under the new regulations.

Mr. MacDonald's telegram advising of the changes was accompanied by an order to expedite work-relief highway programs. Contracting of work must start without further delay, he directed.

The modification of regulations in two respects that have caused the greatest difficulty in preparing acceptable construction programs this expected will permit California to start expenditure of the $15,000,000 allotted this state for highways and grade separation structures. The State Highway Commission is scheduled to meet Friday for consideration of the projects in its new biennial program.

TILE SETTER'S WAGE AGREEMENT REPORTED

The Industrial Association of San Francisco reports a new contract negotiated by the Tile Setters' Union with members of the Tile Contractors' Association, calling for an increase in wages from $1.00 to $1.12½ per hour for a 90-day period commencing August 19, and for a second increase in wages to $1.25 an hour effective at the end of the 90-day period. Helpers' wages are increased from 62½ to 68¾, and finally to 75c per hour under the same arrangement.

BUREAU REPORTS PLUMBING MAT'LS PRICE INCREASES

Advance During Month Balances Index Decline Of Other Building Items

Plumbing and heating items showed an advance in July from June monthly price averages, as computed by the Bureau of Labor Statistics, which balanced fractional decreases in other commodities in the building materials group. The index of the group for the month was 85.2 compared with 85.3 in June and 87.0 in July 1934. The price average continued relatively unchanged through the first two weeks of August, although fluctuations occurred in certain items.

During the second week of August higher prices were reported for lumber and decreases in paint materials and certain miscellaneous materials.

In July increases were reported in nine commodities composing the index, decreases in 13 and no change in 64.

The plumbing and heating items rose during July from an index 66.2 to 68.8. Lower prices were noted for brick and tile, paint and paint materials.

The comparative index for the months of July 1935, and July 1934 is shown:

	July 1935	July 1934
Building materials	85.2	87.0
Brick and tile	89.1	91.3
Cement	94.9	93.9
Lumber	81.7	85.3
Paint and paint mtls.	79.1	79.8
Plumbing and heating	68.8	75.0
Structural steel	92.0	92.5
Other bldg. materials	89.7	90.9

AUGUST PERMITS FOR RESIDENCES BEST SINCE '33

City's Eight-Month Building Exceeds 1934 Year's Total

San Francisco building permits in August were the highest for any month of the year to date, the report of the Central Permit Bureau to Director of Public Works Wm. H. Worden showed yesterday.

During the month 491 permits were granted with an estimated value of $1,940,917. Residential building permits reached the highest monthly total in more than two years, with a value of $331,100, providing new dwellings for 84 families. The month's figure include also the U. S. Government contract for construction of the San Francisco mint to cost $977,700 and the new office building being erected on Montgomery street for Louis Lurie.

Alteration permits amounted to $316,512, a gain of more than $100,000 from July. There were 491 permits issued for all classes of building.

S. J. Rosenblum, chief clerk of the Central Permit Bureau, reported the month set a record in collection of building permit fees. The sum of $4700 was collected, making it the largest amount received by the bureau for building inspection fees in any single month of the past five years.

The August permits brought the city's building total for eight months of 1935 to $7,498,385. During the year to date 3883 permits have been issued. This compares with a total of $7,328,372 and 4677 permits for the entire year of 1934.

A comparison of the permits issued in August 1935 and August 1934 follows:

Class	Aug., 1935 No. of Pmts	Aug., 1935 Est. Cost	Aug., 1935 No. of Pmts	Aug., 1935 Est. Cost
A		$		$
B	1	225,000		
C	13	23,950	3	31,500
Frames	84	340,350	22	54,200
Alterations	384	316,512	320	336,633
Harbor	1	11,448	1	68,487
Public	5	45,957	3	108,039
U. S. Govt.	3	977,700	2	10,532
Total	491	$1,940,917	352	$609,991

S. F.-OAKLAND PROJECTS BEAT PWA DEADLINE

State Office Swamped In Rush To Qualify For Federal Grants

More than a hundred applications reached the San Francisco and Los Angeles offices of the F eral Public Works Administration yesterday as communities throughout the state entered the last minute rush to qualify their projects for PWA funds.

The state office reported receipt of 365 individual applications in the new program up to 5 o'clock last night when the books were closed. An estimate of the amount of work proposed was available. The approved projects must be forwarded to Washington in time to be examined there next week. P W A must turn over its list of eligible work to the Division of Applications September 12. The President has ordered that this division make its report by Sept.

Among the last projects to reach the state PWA office were two from the city of San Francisco totaling $3,000,000 and a group from the city of Oakland aggregating $3,952,-300.

The Board of Supervisors granted permission to the Mayor to file a request for federal aid on a County Courts Building for San Francisco to cost $2,900,000. Mayor Rossi proposes that it be erected on the city owned property adjoining the new Federal office building at the Civic Center. If a government grant can be obtained the city proposes to finance its share without resort to a bond issue. Part of the money would be obtained from sale of the Water Department building in Mason street and removal of the Water Department offices to the City Hall. Aid is asked also for $100,000 project to alter the City Hall offices to accommodate the rearrangement, should the Courts Building be erected.

The Oakland City Council authorized City Manager John F. Hassler to present a list of proposed municipal improvements on which the council will recommend a bond isue to provide the city's 55 percent share of the cost if P W A aid is granted.

Among the projects listed are:

Construction of a pumping plant for sanitary and storm sewage on the western waterfront, a storm water outfall and sewage screenings incinerator, $1,620,000;

Construction of sanitary and storm sewers, $1,786,000;

Construction of sewers in Oak Knoll tract, $29,300;

Improvements of portions of San Pablo and Telegraph Aves., Lakeside Drive, Geore, Harrison, Jefferson, Adeline, Eighth, Ninth, Tenth, Eleventh, Fourteenth, Twenty-second, Twenty-sixth and Twenty-eighth Streets and Seventy-third Avenue, $517,000.

Sacramento Opens $122,000 Yacht Harbor Campaign

A campaign for approval of Sacramento municipal bonds for construction of a $122,000 yacht harbor was instituted last week at a meeting of the Sacramento Junior Chamber of Commerce. The bond proposal will appear on the November ballot as part of a proposed issue totaling $860,000 to finance a municipal PWA construction program, total cost of which will be approximately $1,893,000.

The harbor site is located near the filtration plant. It is planned to construct a park area, with the harbor itself containing berthing facilities for eighty boats, provision being made for future expansion.

Members of the yacht harbor committee named at last week's meeting are: Harmon Rowe, chairman; C. J. Belsang, R. A. Breuner, Donald Davis, Egbert Goldsmith, Jerry Rowe, Wm. Sim, Wm. Wood and Earl Barnett.

National Officers Of A.G.C. to Stop Here Enroute South

A party of national officials of the Associated General Contractors of America will visit San Francisco September 12 enroute to the National Construction Week assembly at San Diego, Floyd O. Boo secretary-manager of the Northern California chapter, A.G.C., was advised yesterday.

Visitors will include Edward J Harding, managing director of the organization, A. E. Horst, a member of the national board, William E. Hayes, chief counsel of A.G.C., and E. J. Brosnan, treasurer.

N. F. Herlmers, National president, also is expected to arrive at about the same date.

The Harding party will come to San Francisco from Portland and probably will be accompanied by officers of the northwest chapters who will attend the meeting at San Diego. Local members of A.G.C. will welcome the visitors here at the Palace Hotel. Mr. Harding has sent work that he would like to confer with former members of the California State Administrative Agency of the General Contractors Code Authority while here.

NOMINATED

Portland, Oregon, chapter, Associated General Contractors, has named P. L. Crooks as its official nominee for national vice-president of Zone 8. Mr. Crooks is a past president of Portland chapter.

FOLEY DECLARES BOARD POLICY TO AID BUILDERS

Veterans Loan Agency Chairman Addresses Sacramento Convention

SACRAMENTO, Sept. 3.—A system of handling veterans' home nancing promising new impetus the building industry today was d scribed to members of the State Builders' Exchange by Thomas J. Foley, chairman of the state veterans' welfare board.

Definite state specifications, sa Mr. Foley, will enable the build of a veteran's home to pre-dete mine exactly what requirements must meet. The state board w give advance approval of plans a specifications, abandoning a for er practice of refusing to make loan committment until the hon had been completed.

Thirty million dollars, voted veterans bonds last November, being invested in home and far property as speedily as possib Mr. Foley told the builders at t closing session of their two-da convention here.

Approval has been given $1,50 000 in home refinancing and co struction, with $1,000,000 in pro ects under consideration. Sixty-fi of the approvals to date have bee for refinancing. The proportion new construction will increase new loans are acted upon, a meanwhile the refinancing will li uidate mortgages and expand cre it in the home financing field, M Foley asserted.

More than one hundred de gates, representing nearly fi thousand members of exchang affiliated with the State Exchan attended the conventoin. A fe ture of the program was the ba quet at the State Fair groun where Governor Merriam was t principal speaker. The govern commended the construction ind try for its role in the drive again unemployment.

During the business sessions t delegates heard Jay Keegan, as ciate district director for the Fe eral Housing Administration, a W. G. Bonelli, state registrar contractors.

Charles W. Pettifer, Long Bea was re-elected president of the change. Vice-presidents are: L. Pelletz, Stockton; H. L. Sweene Santa Barbara; Allyn Burr, Sac mento; G. L. Vance, Fullerton. A. Brodbury, Long Beach, is sec tary.

The new board of directors cludes: Chas. W. Pettifer, L. Pelletz, H. L. Sweeney, Allyn Bu G. L. Vance, W. H. George, pre dent of the San Francisco Bui ers' Exchange; P. M. Sanfor Richmond; Ralph E. Homann, L Angeles; Wm. T. Loesch, Pas dena; C. E. McMullin, Fresno; R N. Butcher, San Jose; W. G. Th nally, Oakland; Paul I. Jenl Grass Valley; A. O. Calhoun, San Monica; J. W. Blean, Colusa.

0 START WORK WITHIN 90 DAYS ON SUBDIVISION

ckers See $4,000,000 Building Program at Francisco Heights

Development of "Francisco Heights," on which its backers estimate about $4,000,000 will be expended within the next year, was assured this week by action of the San Francisco board of supervisors in approving plans for the subdivision.

The project is located in the area bounded by Parker avenue, York street, Arguello and Geary boulevards, according to plans submitted by Caldwell, Cornwall and Inker, agents for the Francisco Heights Company.

Bay Improvement Company has been awarded a contract for grading, streets, curbs, gutters and sewers.

The project is to be subdivided and lots sold for residences, flats, apartments and business establishments.

The building program at Francisco Heights, which is situated on the site of the old Odd Fellows' cemetery, will be underway within ninety days, according to E. W. Arnold of Caldwell, Cornwall and Inker.

$,000,000 HOUSING PLAN FOR CINCINNATI

Acceptance of options covering the land for Cincinnati's $7,000,000 slum clearance and low-rent housing project has been ordered by Public Works Administrator Harold L. Ickes.

Preliminary plans are for 1,278 living units in three- and four-story apartment buildings.

Architectural work on the project is being handled by a group of local architects under the chairmanship of Frederick W. Garber. Studies indicate the project will have 23 groups of apartment buildings, arranged around courts, play areas and park space. It is to provide 205 two-room apartments; 688 three-room units; 304 four-room units and 82 five-room units.

The development will be carefully landscaped, and buildings will cover only about 20 percent of the total site, in accordance with Housing Division policy.

UBLISH CEMENT REFERENCE BOOK

The Cement and Concrete Reference Book for 1935, containing a wide range of information concerning the cement industry, production, costs, shipments, use in roads and streets and for other purposes, has been issued by the Portland Cement Association. Copies may be obtained by writing the association at 33 West Grand Avenue, Chicago, Illinois.

Builders Planning Annual Tournament For September 26

The fourth annual golf tournament of the San Francisco Builders' Exchange will be held Thursday, September 26, at California Golf and Country Club, W. B. Rue announced yesterday.

Tickets may be obtained at the Exchange office or from members of the committee in charge, J. L. Donnelly, W. A. Rainey, Jr., or W. B. Rue. Contestants are asked to make reservations as early as possible. Members of the Oakland Exchange are advised to communicate with Mr. Donnelly of the U. S. Lime Products Co. for information and reservations.

A large prize list including many attractive gifts donated by local firms is promised by the committee.

Open Depository For Reinforcing Steel Industry

Opening of a bid depository for the Concrete Reinforcing Steel Fabricating Industry of Northern California was announced yesterday by R. D. Cortelyou, director. The depository is located at Room 218, Chronicle Building, San Francisco.

According to Mr. Cortelyou the depository plan has the support of all dealers in reinforcing steel in Northern California, including area north of the San Luis Obispo and Kern county lines.

Duplicate copies of all bids offered to general contractors by these members of the industry will be filed with the depository. The bids are opened at the depository and tabulated after the general contract bid has been submitted.

PUBLISH DATA ON LOCOMOTIVE TESTS

The University of Illinois Engineering Experiment Station announces publication of Bulletin No. 274, "A Supplementary Study of the Locomotive Front End by a Front End Model," by Everett G. Young. Copies of the bulletin, which supplements a previous bulletin, No. 256, on the same subject, will be furnished without charge upon application to Engineering Experiment Station, Urbana, Ill.

New orders for steel boilers numbered 536 in July, as compared with 523 in June and 458 in July 1934, the Bureau of the Census reports.

351 PROJECTS IN GOV'T BUILDING PROG'M OKEHED

34 Western Buildings Among $59,868,000 Work Approved

Approval by the administration of 351 federal building projects to cost $59,868,000 has been announced in Washington. Cost of the projects will be paid from the $60,000,000 emergency construction fund authorized under the second deficiency act approved August 12.

Thirty-four western projects have received administration approval. They are:

California: Ukiah, Auburn, Vacaville, Martinez, Watsonville, Selma and Santa Maria, Post offices; Los Angeles, post office, courthouse etc.

Nevada: Lovelock, agriculture building and post office.

Arizona: Mesa, post office; Springerville, forestry, post office, etc.

Oregon: Salem, post office, etc.; Ontario, post office; Portland, postal station A.

Washington: Anacortes, Centralia, Sunnyside, Renton, Colville, post offices; Seattle, University station post office.

Idaho: Payette, post office; Idaho Falls, post office, etc.

Utah: St. George and Provo, post offices, etc.

New Mexico: Deming and Portales, post offices.

Colorado: Loveland, Florence and Delta, post offices.

Wyoming: Cheyenne, federal office building; Yellowstone Park, post office.

Montana: Missoula, post office and courthouse; Great Falls, post office and courthouse.

Alaska: Nome, post office and courthouse.

PROPOSE REVISION OF STATE STANDARD

A revision of the standard for blackboard slate, Simplified Practice Recommendation No. R-15 of the National Bureau of Standards has been mailed to members of the industry for approval. The original standard was approved at a general conference in 1924 and has been reaffirmed several times without change.

The current revision consists of the addition, to the basic specification, of the requirement that blackboard slate shall be even in color and free from imperfections or veinings that will impair its use or durability as a writing surface.

The revised schedule, when adopted by those at interest, will be known as Simplified Practice Recommendation R15-35, Blackboard Slate, and will remain in effect until it is revised by the standing committee of the industry.

Sales Tax Regulations Under New Act Issued By State Equalization Board

Ten rulings have been issued by the State Board of Equalization relating to administration of the new state law imposing the three per cent sales tax on goods purchased outside the state for use in California.

Following is the text of the rulings:

Automobiles delivered at factory: The tax applies to the sales price of automobiles delivered at a factory or place of business in another State for use in this State. If the sales contract is entered into with a California automobile dealer, the dealer is required to collect the tax from the purchaser and give the purchaser a receipt therefor.

If the automobile is purchased directly from the factory or dealer in another State for use in this State and is not purchased through a California automobile dealer, the purchaser must make a return and payment of tax within fifteen days after the close of the quarterly period in which the sale is made.

Contracts of sales entered into prior to July 1, 1935: The storage, use or other consumption of tangible personal property in this State is subject to the tax even though the contracts of sale were entered into prior to July 1, 1935, unless title to the property passed or delivery thereof was made to the purchaser prior to that date.

Collection of tax by retailers: Retailers maintaining a place of business in this State and making sales of tangible personal property, the storage, use or other consumption of which is subject to the tax, must at the time of making such sales collect the tax from the purchaser and give the purchaser a receipt therefor.

Retailers who do not maintain a a place of business in this State may, upon obtaining a certificate of authority from the Board, collect the tax from purchasers, give them receipts therefor and pay the tax to the Board in the same manner as retailers maintaining places of business in this State.

Payment of tax by purchasers to board: Purchasers of tangible personal property, the storage, use or other consumption of which is subject to the tax, are liable for the tax and must pay the same to the Board unless a receipt has been obtained showing payment of the tax to a retailer maintaining a place of business in this State or to a retailer having a certificaet of authority from the Board to collect the tax.

Payment of tax by purchasers to retailers: Purchasers of tangible personal property, the storage, use or other consumption of which is subject to the tax, should at the time of purchase of such property pay the tax to the retailer if the retailer maintains a place of business in this State and should obtain a receipt therefor from the retailer. Purchasers should not pay the tax to retailers who do not maintain a place of business in this State unless such retailers have obtained a certificate of authority from the Board to collect the tax.

Place of business: "Place of business" means an office or other premises regularly used by a retailer for the transaction of business.

Receipts for payment of tax to retailers: Purchasers must at the time of paying the tax to retailers obtain a receipt therefor. The receipt need not be in any particular form but must show the following:

1. The name of the retailer.
2. The location of the retailer's place of business in this State and the registration number of the retailer, or if the retailer maintains no place of business in this State the number of the retailer's certificate of authority to collect the tax.
3. A statement identifying the property purchased.
4. The date on which the property was sold.
5. The sales price of the property.
6. The amount of tax paid by the purchaser to the retailer.

Registration of retailers: On or before July 30, 1935, retailers making sales of tangible personal property, the storage, use or other consumption of which is not specifically exempted by the Use Tax Act and the gross receipts from the sale of which are not subject to the Retail Sales Tax Act, must register with the Board on a form prescribed by the Board. No registration fee is required.

Storage of property: Property which is not in interstate transit is stored when kept or retained in this State for any purpose except resale in the regular course of business even though held here temporarily pending shipment outside the State.

Delivery charges: The tax does not apply to additional charges made for the delivery of tangible personal property from a retailer's place of business or other point from which the property is shipped directly to the purchaser if the purchaser pays the delivery charges as a separate item from the price of the property. Furthermore, even though but one price is quoted for the property delivered, the tax does not apply to the amounts designated as delivery charges if the delivered price is greater than the price at the retailer's place of business or other point from which t property is shipped directly to t purchaser and if the retailer bi the buyer in such a way as to sh separately the price at the reta er's place of business or such o er point and the delivery charg The amounts designated as deli ery charges, however, may not ceed the difference between price at the retailer's place of b iness or such other point and t total amount charged for the pr erty delivered.

If the delivered price is the sa as the price at the retailer's pla of business or other point fr which shipment is made direc to the purchaser, the tax appli to such delivered price without a deduction for delivery charges. U der no circumstances may a ded tion be made for the cost of sh ping property from the factory other point to the retailer's pla of business or other point fr which shipment is made directly the purchaser.

ACT AUTHORIZES WORK RESUMED ON PARKER DA

Ickes Orders Contractor T Proceed With Construction Under New Law

Order to resume construction Parker Dam has been issued Secretary of the Interior Harc L. Ickes.

Work on the structure has bee at a standstill since April 30 wha the United States Supreme Cou decided that the consent of Con ress must be obtained before t dam could be built. A contract h been let to Six Companies, In for the initial work at a bid pri df $4,239,834 and work had bee in progress for several months.

Specific authorization for t Parker Dam was contained in t Rivers and Harbors Bill passed the last Congress.

Parker Dam is located 145 mil downstream from Boulder Da and is being built by the Bure of Reclamation, under contra with the Metropolitan Water D trict of Los Angeles at an estim ed cost of $13,000,000. Its princip function is to provide a supply clear water, which is to be pump from the river into the Los Ang les aqueduct running about 2 miles to the Metropolitan Wat District in Southern California.

Under the provisions of the co tract about 80,000 horsepower is be developed at Parker Dam, on half of which has been allocate without cost, to the State of A zona, to be used in connection wi irrigation development in the Gi Valley.

Parker Dam will be an arch concrete masonry structure, abo 320 feet high. The unusual featu of the dam it that about 240 fe of its height will be below the ri er bed.

$92,551,000 Western Reclamation Work Underway in PWA Program, Mead Reports

Reporting progress on thirty construction projects and ten investigations of proposed new developments undertaken with Public Works Administration allotments amounting to $92,551,000, Dr. Elwood Mead, reclamation commissioner, states that irrigated farming areas in ten western states are being provided with adequate water storage facilities and canal systems under the PWA program.

With the largest allotment, $38,000,000 for continuation of construction of Boulder Dam, the Bureau was enabled to push the great Colorado River barrier to completion two years ahead of schedule. Boulder Dam itself was completed in time to begin storing the waters of the river this spring, and already its reservoir has caught enough water to remove altogether the danger of drought in the Imperial Valley of California and on the Yuma Reclamation project in Arizona. Last year drought cost the Imperial Valley farmers more than $10,000,000.

Eleven dams to provide supplemental storage for as many irrigation projects in seven states, where water was deficient, also are being constructed, and in addition PWA allotments financed 14 projects consisting of improvements to irrigation systems, such as reconstruction of canals and construction of drains.

The dams now under construction with PWA funds for the relief of projects threatened with water shortages, most of which were not previously under Bureau supervision, follow:

Agency Valley dam, Vale project, Ore., $1,000,000; Upper Snake River storage, Idaho, $2,000,000; Chain Lakes storage, Mont., $1,000,000; Humboldt River storage, Nev., $2,000,000; Hyrum dam, Utah, $930,000; Ogden River development, Utah, $3,000,000; Provo River development, Utah, $1,000,000; Moon Lake storage, Utah, $1,200,000; Caballo dam, New Mexico, $100,000; Taylor Park dam, Uncompahgre project, with canal construction included, $2,725,000, and Truckee River storage, Newlands project, Nevada, $1,000,000.

The irrigation improvement projects, consisting of replacing major irrigation structures, reconstruction of canals and drainage, follow: Kittitas division, Yakima project, Wash., $60,000; Yuma project, Arizona and California, $120,000; Boise project, Idaho, $40,000; Gooding division, Minidoka project, Ida. $30,000; Bitter Root project, Mont., $100,000; Milk River project ,Montana, $65,000; Sun River project, Mont. $600,000; Rio Grande project New Mexico, $200,000; Stanfield division, Umatilla project, Oregon, $100,000; Klamath project, Oregon-California, $25,000 for flood protection, 36,000 for drainage; Frenchtown project, Montana, $180,000; Willwood division, Shoshone project, Wyo., $30,000, and Sanpete project, Utah, $300,000.

The All-American canal, with which the main canal flowing thru Mexico and now serving all the irrigated lands in Imperial Valley will be replaced, was started with a $9,000,000 PWA allotment. With another allotment of $5,000,000 the canal system of the Owyhee project in Idaho and Oregon is approaching completion.

Two new projects were undertaken with PWA funds. An allotment of $15,000,000 started Grand Coulee dam on the Columbia Basin project in eastern Washington and another allotment of $7,000,000 started construction of the Casper-Alcova project in Wyoming.

The ten investigations financed by PWA follow: Deschutes River, Oregon, $50,000; Colorado River, Ariz., $100,000; Verde River, Ariz., $150,000; Industrial Survey in Boulder Dam area, $25,000; Umatilla River, Oregon, $10,000; San Luis Valley, Colorado, $50,000; Grande Ronde, Ore., investigation of the Meadow Park dam site, $10,000; Buffalo Rapids, Montana, $20,000; North Platte Valley, Wyo., $50,000, and Grand Lake-Big Thompson diversion, Colorado, $150,000.

Water users benefited by each of these projects will repay the construction costs.

The majority of the investigations have been completed. The improvements authorized on existing projects are either completed or well along toward completion. Work is underway on all the dams involved.

The PWA allotments for Grand Coulee and Casper-Alcova were sufficient to carry the work to about mid-summer this year. The allotments for the smaller dams will see many of them through to completion.

PLAN COMBINATION CITY HALL & HOTEL

A unique combination in one building of city hall and hotel is under consideration in Coalinga, where recent fires have destroyed two hotels. A committee has been appointed to determine the possibility of obtaining a grant from the Federal Public Works Administration, and following their investigation recommendations will be made to the city council.

Should the plan be found feasible a bond election will be called to vote funds for construction of a city hall containing hotel facilities which could be leased to private operators.

IN NEW QUARTERS

Contractor John W. Huggard has opened new quarters at 1060 Bryant Street, San Francisco.

SEEK $5,000,000 PWA GRANT FOR POWER PROJECT

Application for $12,000,000 Sacramento District Work Filed

Application for a $5,000,000 grant to aid in financing construction of the $12,000,000 electrical generating and distribution system of the Sacramento Municipal Utility District has been filed with the Federal Public Works Administration, it is reported.

Although the $12,000,000 bond issue for the project was approved at a special election last November, the district hopes to reduce the amount of bonds needed to finance the work to $7,000,000.

Of the total cost of the project some $3,000,000 will be expended for a power plant, with construction of the generating and distributing system estimated to cost an additionoal $7,000. The balance of the funds provided will be used as operating capital.

Engineers of the district estimate that 1500 men will be employed on the project which will require about 2 years for completion. Work on the project will be started immediately if the application for PWA aid is approved, according to Albert E. Givan, chief engineer of the district.

FUNDS FOR PLUGGING TEST HOLES ALLOTTED

Allocation of $125,000 from the old public works appropriation to the Geological survey of the Interior Department for repairs to abandoned test holes and oil wells and for improvements to water wells in ten states is announced by Public Works Administrator Harold L. Ickes.

The funds, which are to be expended for the proper plugging and abandonment, repair or conditioning of test holes and wells drilled on Federal and allotted Indian lands, will finance work in California, Arizona, New Mexico, Idaho, Montana, Colorado, Oklahoma, Wyoming and Michigan.

RENO ASKS $165,000 FOR IMPROVEMENTS

The city of Reno has applied for PWA financing to a total of 000 for public improvements.

The application calls for expenditure of the money in erecting bridges across Truckee river at Sierra Street and Lake Street and constructing a swimming pool in Idlewild park. It was estimated that the bridges will cost about $38,000 each and the swimming pool $88,000.

Contractor Stops Oakland Tunnel Excavation Pending Settlement Of Extra Work Claim

Six Companies of California, Inc., notified directors of Joint Highway District No. 13 on August 28 that they would proceed with their contract for construction of the Broadway low-level highway tunnel only if the district agreed to allow claims for extra work due to the character of ground encountered in the tunnel excavation and granted an extension of time for completion without penalty. Excavation stop-

ped a week ago by the contractors with notice to the district that the company would not assume responsibility for structural safety of the work under the present design.

Wednesday night while a small crew was making repairs to timbering an extensive cave-in occurred about 200 feet in from the west portal of the north tunnel. The cave-in is believed to extend about 100 feet in the north tunnel. Three workmen were killed by the slide.

Yesterday letters of the contractor to the Joint Highway District Board of Directors were made public. They follow:

August 23, 1935.

Board of Directors, Joint Highway District No. 13 of the State of California, 1448 Webster Street, Oakland, California.

Dear Sirs:

In Re: Construction of Broadway Low-Level tunnels.

At the present time we are engaged in installation of the type "A" concrete tunnel section, and while we will continue to proceed with the installation of same in the excavated portions of the two tunnels, we hereby notify you that we are informed and advised by our engineers that the section in question is inadequate and unsafe.

Under date of August 19, 1935, Messrs. T. L. Phillips and Fred H. Tibbetts, consulting engineers of San Francisco, advised us in writing that the continued installation of the type "A" section endangers the structural safety of the work, the safe operations of ourselves as contractors, and the future safety of the public. They recommend that same be enlarged and strengthened and further reinforced in order to make same an adequate and safe installation suited to the nature of the ground conditions which have been encountered and for the uses to which the tunnel will be put after completion.

The condition of the ground encountered in the excavation of the tunnels thus far has been different from that contemplated by the geological report and the plans and specifications which form a part of our contract with you. All of the ground is of extremely heavy character, and treacherous in nature, and none of it is self-supporting; and the type "A" section was not designed for such ground. It is particularly apparent that the type "A" section was not designed to be installed in ground which is not self-supporting.

Under these circumstances, we will proceed with the installation of type "A" section of concrete under protest and upon notice to you as above stated; and we further hereby notify you that we do not assume any liability or responsibility for the safety or adequacy of such installation, but, on the other hand, will proceed with such installation only upon condition that full liability of any kind, civil or criminal, which may arise from or be caused by installation of same be assumed by you.

In view of our conclusion above expressed, we shall feel free to discontinue the further installation of this type section unless within a reasonable time after receipt of this notification by you, you alter the design of the section to meet the objections thereto, or notify us in writing that you assume all responsibility and liability of any kind or character, civil or criminal, which may arise from the installation of same.

We are not now excavating in the headings of the tunnels on either the easterly or westerly end thereof; and we do not believe it wise to resume excavation therein until such time as you advise us whether or not you propose to alter or modify type "A" tunnel construction, as in the event a change is made in same, the excavation can be made to conform to su altered design.

This letter is written without pr udice to any rights which may ex in our favor in connection with t entire subject matter, and for the pu pose of putting you on notice. Y under stand that Mr. Phillips a Mr. Tibbetts orally notified Mr. Bogg your engineer, on August 19, 19 substantially to the same effect herein stated, and we write this le ter to make the matter one of reco

Very truly yours,

SIX COMPANIES OF CALIFORNI
By S. D. Bechtel, Presiden

The second letter follows:

August 28, 19

Board of Directors, Joint Highw District No. 13, of the State of C ifornia, 1448 Webster Street, Oa land, California

Dear Sirs:

Your attention is directed to t following:

1. The undersigned heretofore e tered into a contract with your di trict for the construction of th Broadway Low Level Tunnel and a proaches, to which contract and t documents forming a part there and the geological report referred in the specifications, reference is her by made for a full and complete stat ment of the details thereof.

2. The parties intended, and t contract and documents above me tioned forming a part thereof, a the geological report, contemplat that the two tunnels included with the contract would be excavated th ground which was represented to and would be found to be self-su porting for nearly the entire leng of the tunnels.

3. The design and the plans a specifications call for the installati of type "A" tunnel construction f 5620 feet of the total length of tu nels. We notified you in our lett to you dated August 23, 1935, th type "A" tunnel construction is u safe and inadequate for installati in the entire length of ground th far encountered in the tunnels.

4. The character of ground e countered thus far in the excavati for the tunnels, with but slight e ception, has been and is entirely a radically different from the charact of ground represented to the contra tor as that which would be encoun ered, and is likewise radically differe from the character of ground whi was contemplated by the specific tions, as is apparent from the tern and conditions set forth therein. F reason of this fact we have been r quired to do additional work, supp additional materials, and have be put to great additional cost and e pense not contemplated or intend by the contract, and not intended be borne or assumed by the contra tor in the construction of the tunnel You are hereby notified that we contractor now do claim and will co tinue to claim against you for th entire additional cost and expen and the reasonable value, including reasonable profit, of the addition work to which we have been and w be put, if we continue with the pe formance of the tunnels.

5. At this time we are unable furnish an exact detailed statemen of the amount of our claims. It wi include the reasonable value, includ ing all cost and expense to which w have been heretofore or may be here after put, of all additional excava tion, timbering, concreting and labo and materials of any kind or char acter occasioned thereby, includin any and all items attributable there to of any kind or character.

TUNNEL CONTRACT PRICE $3,683,931

Contract for construction of the Broadway low-level tunnel was awarded Six Companies of California on May 29, 1934. The bid price was $3,683,931. Two other bids were received, that of Frazier-Davis Co., and G. L. Tarlton, St. Louis, at $4,394,613 and of Silas Mason Co., New York City, $4,482,498.

Component firms of Six Companies are W. A. Bechtel Co., Inc., Henry J. Kaiser Co., Utah Construction Co., MacDonald & Kahn, Ltd., J. F. Shea Co., Morrison-Knudsen Company

The work is financed by a bond issue of Joint Highway Dist. No. 13, including Alameda and Contra Costa Counties, and by a PWA grant of 30 per cent of the cost of labor and material, estimated at $1,000,000.

Construction is being inspected for PWA by U. S. Bureau of Public Roads. Wallace B. Boggs is chief engineer for the district.

The tunnel portion of the contract consists of two parallel bores, each 2810 feet in length to carry a 22-ft. roadway and 3-ft. sidewalk. Construction of approaches, including two overhead structures, a viaduct and grade separation and portal buildings, together with mechanical equipment were let under the one contract. The project is reported about fifty percent complete.

The tunnel is designed to carry heavy vehicular traffic between Eastbay cities and points east of the Contra Costa hills.

ontract Awarded.
ESIDENCE Cost, $9000
URLINGAME, San Mateo Co., Cal.
Easton Drive.
wo-story frame residence (6 rooms and 2 baths) rustic exterior, gas heating system, hardwood floors, etc.
wner—Thos. J. Barnes.
rchitect — Angus McSweeney, 605 Mission St., San Francisco.
ontractor—George W. Williams Co., 135 Primrose Road, Burlingame.

lans Being Figured—Bids Close Sept. 13th, 6 P. M.
ESIDENCE Cost, $15,000
ERCED, Merced Co., Calif.
wo - story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
wner—Senator A. S. Schottky.
rchitect—Chas. Butner, 51 Maple St. Salinas.

ans Being Figured.)
ESIDENCE Cost, $——
OODSIDE, San Mateo Co., Cal.
wo-story residence (15 rooms and 5 baths) plaster exterior, wood and steel frame, steel joists, steel sash, deck roof, slate covered, oil burner warm air heating system, etc.
wner—Wm. T. Crowley.
rchitect—Gardner Dailey, 210 Post St., San Francisco.
Following will submit bids:
G. H. Meese, 1401 Floribunda Ave., urlingame.
A. F. Mattock, 212 Clara St., San rancisco.
Jacks & Irvine, 74 New Montgomry St., San Francisco.
G. P. W. Jensen, 320 Market St., an Francisco.
Moore & Roberts, 693 Mission St., an Francisco.
Date of opening bids not yet set.

ontract Awarded.
ESIDENCE Cost, $5000
TOCKTON, San Joaquin Co., Calif.
87 Stadium Drive.
ne and one-half-story frame residence (rustic exterior) 5 rooms.
wner—Robert E. Burns.
rchitect—Not Given.
ontractor—Wirt West, 1411 N-Commercial St., Stockton.

ub-Bids Wanted.
LTERATIONS Cost, $10,000
ALO ALTO, Santa Clara Co., Calif.
Campus of Stanford University
lterations and additions to sorority house.
wner—Delta Delta Sorority.
rchitect—Leslie I. Nichols, 529 Guirda St., Palo Alto.
ontractor—H. H. Larsen Co., 64 So Park St., San Francisco.
Sub-bids are wanted on all portions f the work.

Plans Being Completed.
ESIDENCE Cost, $——
AYWOOD PARK, San Mateo Co.
wo - story Monterey - Colonial type residence (6 rooms and 2 baths) shingle tile roof, frame and stucco construction, wood and brick exterior, oak floors, tile baths, wood sash, gas warm air heating system, etc.
wner—Withheld.
rchitect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked in about 2 weeks.

Plans Being Revised.
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
New bids will be asked in 1 week.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO, W 21st Avenue S Quintara Street.
One - story and basement frame and stucco residence.
Owner and Builder — Herman Christensen, 1422 27th Avenue.
Architect—C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $1,500
OAKLAND, Alameda Co., Calif. 1588 77th Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—F. W. Conlogue, 2607 64th Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5500
SAN FRANCISCO, W Church St. 80 N Thirtieth Street.
Two-story and basement frame and stucco residence.
Owner—Lulu Cullinan, 1683 Church St., San Francisco.
Architect—Not Given.
Contractor — William Byrne, 1606½ Dolores St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 ea.
SAN FRANCISCO, N Romain St. E Corbett Avenue.
Two one-story and basement frame and stucco residences.
Owner and Builder—F. Nelson & Sons 2901 19th Ave., San Francisco.
Plans by Owner.

Sub-Contracts Awarded.
RESIDENCE Cost, $8500
PALO ALTO, Santa Clara Co., Calif. 1484 Hamilton Avenue.
Two-story frame and stucco residence.
Owner—Elizabeth K. Smith, Staller Courts Apts., Palo Alto.
Architect—Not Given.
Contractor—Aro & Okerman, Box 433, Palo Alto.
Roofing—Peninsula Roofing Co., Mt. View.
Electric Wiring—H. Fendler, Menlo Park.
Plumbing — Wallace & Stump, Mt. View.
Heating and Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Furnace — Pacific Heating Co., 1451 Stevenson St., San Francisco.
Tile Work—Bloomquist Tile Co., Redwood City.
Concrete—J. Ema & C. Bivona, Palo Alto.
Glass—Acme Glass Co., Palo Alto.
Lumber — Minton Lumber Co., Mt. View.
Painting—O. R. North, Palo Alto.
Grading—N. Johnson, Palo Alto.
Foundation—J. Emt and C. Bivona, Palo Alto.
Brick and Stone Work—C. Mezzapelle Palo Alto.

Low Bidder.
RESIDENCE Cost, $——
FRESNO, Fresno Co., Calif.
Two - story and basement frame and brick veneer residence (7 rooms, 3 baths) shingle tile roof, oil heating system, hardwood floors, tile baths, etc.
Owner—C. R. Puckhaber.
Architect—Fred. Reimers, 233 Post St San Francisco.
Low Bidder—J. Dan Shorb, 1295 Linden St., Fresno, $20,368.
Bids held under advisement.

Sub-Bids Wanted.
RESIDENCE Cost, $6500
BURLINGAME, San Mateo Co., Cal. Willborough Place.
One-story and basement frame and stucco residence (shingle roof, gas heating system, hardwood floors, tile baths, etc.)
Owner—Claude B. Place.
Architect—W. C. F. Gillam, 1170 Broadway, Burlingame.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Low Bidder.
RESIDENCE Cost, $6,500
WALNUT CREEK, Contra Costa Co.
One - story California - Colonial type residence.
Owner—J. R. Larrieu.
Architect—J. K. Ballantine, 37 Harlan Place, San Francisco.
Low Bidder—Geo. Windsor, 928 Kingston Ave., Piedmont.
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO, S Quesada St. 250 E Keith St.
One-story and basement frame and stucco residence.
Owner—Carlo Borroni, 1357 Quesada St., San Francisco.
Architect—Not Given.
Contractor—Faggioni & Barsotti, 1567 Revere St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO, E Thirty-second Ave. 250 N Noriega Street.
One-story and basement frame and stucco residence.
Owner and Builder—Christian Andersen, 146 Granville Way, S. F.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
SAN FRANCISCO, No. 4735 Geary Street.
Alterations to cafe.
Owner— Joseph Sanfilippo, 2438 Jones St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $——
EL CERRITO, Contra Costa Co., Cal. Mira Vista.
Two-story frame and stucco residence (7 rooms).
Owner—C. J. Murray, 405 Dimm Ave., El Cerrito.
Architect—Not Given.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond.

Lumber Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Parnassus Road.
Two-story frame and stucco residence (6 rooms and 2 baths) flat deck roof, shake roof on portion, oil burning heating system, hardwood floors, tile roof, etc. (General Electric Model Home).
Owner and Builder — J. M. Walker, 1709 Grove St., Berkeley.
Architect — John Dinwiddie, 360 Pine St., San Francisco.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
As previously reported, excavation awarded to J. Henry Harris, 2322 McGee Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO, Sedro Way S Ocean Avenue.
One-story and basement frame and stucco residence.
Owner—Ralph D. Berry, 222 Ashton St., San Francisco.

Architect—Not Given.
Contractor — R. F. Galli, 1575 28th Ave., San Francisco.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. S Kenwood St. W Upland Drive.
Two one-story and basement frame and stucco residences.
Owner—W. H. and E. F. Penaat, 519 California St., San Francisco.
Architect—Not Given.
Contractor — Well-Built Homes Inc., Clunie Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co., Calif. 1941 McDaniel Avenue.
One-story frame and stucco residence (five rooms).
Owner—C. Crage, 1316 Singletary Avenue, San Jose.
Architect—Wm. Higgins, 17 N. Second St., San Jose.
Contractor—V. J. Sunzeri, 176 North 31st St., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $8,000
SAN FRANCISCO. 29th Ave. (Richmond District).
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, oak floors, gas heating system, tile baths, etc.
Owner—Name withheld.
Architect—C. O. Clausen, 746 46th Avenue.

Plans Completed.
RESIDENCES Cost, $5500 each
SAN FRANCISCO. Pacheco near 10th Avenue.
Two 1-story and basement frame and stucco residences (5 and 6 rooms) tile roofs, gas heating system, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—C. O. Clausen, 746 46th Avenue.
Bids will be asked shortly.

Plans Being Refigured.
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Cal. Keith Avenue.
One - story wood frame residence (six rooms) and one-story wood frame guest house (3 rooms) wood exterior, copper clad roof, gas heaters, wood floors, etc.
Owner—Robt Tryon.
Architect—Michael Goodman, 2163 Center St., Berkeley.
Bids are being taken from a selected list of contractors only.

Contract Awarded.
RESIDENCES Cost, $7000
OAKLAND, Alameda Co., Cal. No. 4449 Pampas Avenue.
Two one-story five-room dwellings.
Owner—G. W. Linton, 4622 E-14th St., Oakland.
Architect—Not Given.
Contractor—C. Tollifsen, 3311 E-17th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $3500
SAN FRANCISCO. W Twenty-fourth Ave. 50 N Lawton Street.
One-story and basement frame dwelling.
Owner — Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Contract Awarded.
RESIDENCE [illegible] $4000
SAN JOSE, Santa Clara Co., Cal. No. 1142 South Ninth Street.
One-story and basement frame and stucco residence (5 rooms).
Owner—Steve Feci, Rt. 4, Box 38, San Jose.
Architect—Not Given.
Owner — J. Giardino, 566 N 4th St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 1183 Yosemite Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner — Herbert Green, 802 Cerrito St., Berkeley.
Architect—Not Given

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif No. 1590 Emory Street.
One-story and basement frame and stucco residence (5 rooms).
Owner — Mrs. S. McCormack, Park and Naglee Sts., San Jose.
Architect—Not Given.
Contractor—Wm. H. O'Nell, 1450 Emory St., San Jose

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Calif. No. 1529 Naglee Avenue.
One-story frame and stucco residence (5 rooms).
Owner—Oliver Gundersen, 1529 Naglee St., San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 1625 Emory St., San Jose

Contract Awarded.
RESIDENCE Cost, $3,500
SAN FRANCISCO. E 18th Avenue 175 S Cabrillo.
One - story and basement frame residence.
Owner—Jacob Rubeson, % contractor.
Architect—Not Given.
Contractor—Standard Bldg. Co., 1500 Judah Street.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Lot 12, Block 3-A, Seville Way.
One - story and basement frame and stucco residence.
Owner—Thos. F. Wiseman, 121 Sycamore Ave., San Mateo.
Architect—Not Given.
Contractor—Leadley & Wiseman, 207 2nd Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Lot 15, Willborough Place.
One - story and basement frame and stucco residence.
Owner—Claud Place, 760 Willborough Place, Burlingame.
Architect—Not Given.
Contractor—Geo. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $4,500
SAN MATEO, San Mateo Co., Calif. Lot 13, Block 2, 26th Avenue.
One-story frame and stucco residence.
Owner Mrs. E. Moore.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $4,500
SAN MATEO, San Mateo Co., Calif. 409 25th Avenue.
One - story and basement frame and stucco residence.
Owner—Otto Waldeman Nelson.
Architect—Not Given.
Contractor—San Mateo Investment Co. Premises.

To Be Done By Day's Work.
RESIDENCE Cost, $4,0
SAN FRANCISCO. E 31st Avenue 1 S Vicente.
One - story and basement frame an stucco residence.
Owner and Builder—F. H. Thorinso 1630 Ocean Avenue.
Architect—Chas. Strothoff, 2274 15 Street.

Contract Awarded
ALTERATIONS Cost, $2,0
SAN FRANCISCO. 1551 Quesada.
Alterations to residence.
Owner — Caroline Ambrosetti, 1 7 Keith Street.
Architect—Not Given.
Contractor — Arturo Barsotti, 1 4 Quesada Street.

Contract Awarded
RESIDENCE Cost, $7,0
SAN FRANCISCO. E 22nd Ave. 1 N Ocean Ave.
Two - story and basement frame a stucco residence.
Owner—E. K. Bender, 5400 Fulton S
Architect—Not Given.
Contractor—A. T. Morris & Sons, 54 Fulton Street.

Contract Awarded
RESIDENCE Cost, $5,0
OAKLAND, Alameda Co., Calif. Chatsworth Court.
One-story frame and stucco residen (four rooms).
Owner—Evans Taylor, 6 5 6 Manda Blvd., Oakland.
Architect—Not Given.
Contractor—W. Vernon Bernard, R. D. Box 18-E, Berkeley.

Contract Awarded
RESIDENCE Cost, $4,0
OAKLAND, Alameda Co., Calif. 59 Monzal Avenue.
Two-story frame and stucco residen (five rooms).
Owner—G. A. Williams.
Architect—Not Given.
Contractor—Oscar Soder, 1 5 7 6 Ali St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,0
OAKLAND, Alameda Co., Calif. 5 57th Street.
One - story and basement frame a stucco residence (6 rooms).
Owner—A. Franceschini.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scen Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $52
SPRECKELS, Monterey Co., Cal.
One-story frame residence (5 room shingle roof, gas heating syste wood sash, hardwood floors, et
Owner—A. P. and Lillie Madse Spreckels.
Architect — Chas. Butner, 51 Ma St., Salinas.
Contractor — E. F. Reese, 35 San Lucia Ave., Salinas.

Contract Awarded.
RESIDENCE Cost, $49
SALINAS, Monterey Co., Cal.
One-story and basement frame a stucco residence (5 rooms); sha roof, gas heating system, wo sash, hardwood floors, etc.
Owner—A. A. Johnson.
Architect — Chas. Butner, 51 Ma St., Salinas.
Contractor—J. T. Butler, 338 Chur St., Salinas.

Contract Awarded.
RESIDENCE Cost, $8
ORINDA, Contra Costa Co., Cal.
One-story and basement frame a stucco residence (7 rooms and

ub-Contracts Awarded.
INT Cont. Price, $935,000
AN FRANCISCO. Dubuce Ave., Hormann, Buchanan and Webster Sts. ur-story structural steel framo mint (207.9x185.1 feet) reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing, reinforced concrete vaults, composition or asphalt block roofing, 6-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
wner—United States Government
ins by Supervising Architect of the Treasury Dept., Washington, D.C and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
ontractor — Clinton Const. Co., 923 Folsom Street.
eating—F. W. Snook, 596 Clay St
lumbing—Jas. Pinkerton, 927 Howard Street.
lectric—Severin Elec. Co., 172 Clara Street.
As previously reported, structural el awarded to Pacific Coast Steel .. 20th and Illinois Sts.; excavation Sibley Grading & Teaming Co., 165 nders Street.

WARDS APPROVED
SEBASTOPOL, Sonoma Co., Calif. Treasury Department approved the ard to the Plant Rubber and Asstos Company for nonconducting vering for heating and plumbing at e U. S. post office at Sebastopol. ht. McCarthy, San Francisco, general contractor.

UILDING MATERIALS APPROVED
OCEANSIDE, San Diego Co., Cal.—easury Department has approved e following building material and uipment awards for the construcon of the U. S. Post office at Oceanle. L. F. Dow Co., 414 Rowan Bldg., s Angeles, general contractor:
Electric water cooler and drinking untain, Halsey W. Taylor Co.; gas ted water heater, U. S. Radiator Co.: iler, Fitzgibbons Boiler Co.; oil rners, Enterprise Oil Burner Co.; nconducting covering for heating, ant Rubber & Asbestos Co.: pressre reducing valves on water supy, Watts Regulator Co.; r.c. wire, izard Insulated Wire Works; serce entrance switch, Frank Adam El. .; lighting distribution panels, F. lam Electric Co.; receptacles and ish switches, Arrow-Hart & Hegeman Elec. Co.; lighting fixtures, Mural Metal Mfg. Co.

UILDING MATERIALS APPROVED
BELL, Los Angeles County, Cal.—easury Department has approved e following building material and uipment awards for the construcon of the U. S. Post Office at Bell. F. Dow Co., 414 Rowan Bldg., Los ngeles, general contractors:
Pressure reducing valve, Watts Regater Co.; pendant switches, Pass & eymour, glassware, Gill Glass Co. nd Moe-Bridges Corp.; lighting fixres, Perfeclite Co.

IDS WANTED
PORTLAND, Ore.—Bids are being ceived by the Custodian, U. S. Cusm House, Portland, for miscellaeous repairs, cleaning, painting, etc., the Custom House, Portland.

OW BIDDER
HONOLULU, T. H.—Raphael Co., 70 Tehama St., San Francisco, at 2,670 submitted low bid to Treasury epartment for painting plaster, etc., the U. S. post office and custom ouse at Honolulu, T. H.

ID OPENING DATE POSTPONED
HONOLULU, T. H.—Until October 10 A. M. (date postponed from September 3) bids will be received by the Treasury Dept., Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Immigration Station at Honolulu. Specifications may be obtained from above office and from the Custodian of the Building at Honolulu.

New Bids Wanted—To Close Oct. 7, 1 P. M.
POST OFFICE Cost, $69,900
WOODLAND, Yolo County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect of the Treasury Dept., Washington, D. C.
Previous bids received were rejected, the lowest bid being submitted by Geo. Peterson, San Leandro, at $39,-800.
Plans and specifications may be obtained from the Treasury Departmen'.

BIDS WANTED
GAMBOA, Canal Zone.—Until Oct. 16 bids will be received by the Chief Quartermaster, Panama Canal, Balboa Heights, Canal Zone, for construction of industrial buildings consisting of a main shop building, general storehouse, lumber shed, spare parts shed, sandblast shed, paint shop and motor boat repair shop, employees' quarters, including six 1-family dwellings, ten 2-family houses, nine 12-family buildings, 16-room bachelors quarters, 24-room bachelors quarters and mess, 8-apt. bachelors' quarters at Gamboa, C. Z.
The Panama Canal Dept. will furnish materials. Plans and specifications may be obtained from the above office upon deposit of $20.00

LOW BIDDER
FT. SAM HOUSTON, Tex.—Crosby Lumber & Manufacturing Co., Picayune, Miss., at $152,613.42 (total cost for 17 units) and $8,877.26 (one unit) submitted low bid to the Quartermaster, Ft. Sam Houston, Texas, for the construction of parts for fabricated demountable buildings for approximately twenty CCC camps. Contract will be awarded to low bidder shortly. Complete list of bids on file in the office of the Daily Pacific Builder and may be inspected by those interested

Low Bidders.
POST OFFICE Cost, $51,700
CLAREMONT, Los Angeles Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—L. F. Dow, 1243 25th St., Santa Monica.
Three low bids follow:

L. F. Dow, Santa Monica	$37,760
Chas. Dorfman, Los Angeles	37,890
Theo. Beyer, Los Angeles	40,120

Complete bids will be given shortly.

CONTRACT AWARDED
WALLA WALLA, Wash.—York Ice Machine Corp., 5051 Santa Fe Ave., Los Angeles, at $3,635, awarded the contract by Veterans' Administration for constructing ice cream - making plant at the Veterans' Administration Facility, Walla Walla.

Complete Bids.
POST OFFICE Cost, $83,000
SALINAS, Monterey Co., Calif. West Alisal, Howard, Church and Lincoln Streets.
One-story reinforced concrete post office (140x60 feet) tile floors in lobby, ornamental wainscoting.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Leo Epp, 4745 Geary St San Francisco.
Complete bids follow:

Leo Epp, San Francisco	$79,22
Frank J. Reilly, San Francisco	90,431
Wm. Spivock, San Francisco	97,80
A. Nelson, Inc., S. F.	101,250

Bids held under advisement.

September 4, 1935

BIDS WANTED
EL MONTE, Los An Co., Cal. —Until Sept. 10, bids are being received by Purchasing Division, Branch of Supply, Treasury Department, Washington, D. C., for 21 wood slat shades for the U. S. Post Office, El Monte. Proposal No. 719-PO.

8— CLUB BUILDINGS

Contract Awarded
ALTERATIONS Cost, $10,00
SAN FRANCISCO. NE Valencia and Clinton Park.
Alterations to lodge rooms.
Owner—First Serbian Benevolent Society.
Architect—Dodge Riedy, 821 Market.
Contractor — Frank Antonivich, 152 Marina Blvd.

To Ask Bids Sept. 10—To Close Oct. 1st, 7 P. M.
LODGE Cost, $15,000
PITTSBURG, Contra Costa Co., C Cumberland St. bet. 9th and 10th
One - story and basement frame and stucco lodge bldg. (tile and composition roofing, gas hot air heating system, hardwood floors in clubrooms and lodge rooms, gymnasium, locker rooms, kitchen in basement, etc.)
Owner—Pittsburg Lodge of Elks.
Architect—Dragen and Schmidts, 2068 Allston Way, Berkeley.
The plans and specifications will be available from the architects September 10.

Sub-Contracts Awarded.
LODGE BLDG. Cost, $9000
OAKLAND, Alamtda Co., Cal. No. 920 Thirtieth Street.
One-story frame lodge building.
Owner—Co-Operative Hall Assn.
Architect—Not Given.
Contractor — Waldo E. Methel, 1400 Ashby Ave., Berkeley.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
Foundation—J. W. Roberts, Prem.

9— HOSPITALS

CONTRACT AWARDED
PEARL HARBOR, T. H. — John Hansen, at $19,501 awarded contract by Bureau of Yards and Docks, Navy Department, for repairs and alterations to Bldg. No. 371, Naval Hospital, Pearl Harbor, T. H.; Spec. No. 8015.
Complete bids follow:

John Hansen	$19,501
E. E. Black, Ltd.	19,995
R. S. Chase	20,996
J. W. Glover	21,750
Walker & Olund	21,900
W. S. Ching	22,288
Jonah Kumalae	22,690
Pioneer Construction Co.	22,800
Kalihi Contracting Co.	22,885
George Hess	22,900
Max W. Moody	23,856
Hawaiian Contr. Co.	24,809
Ralph E. Woolley	37,350

Planned.
HOSPITAL Cost, $50,000
VISALIA, Tulare Co., Calif.
New municipal hospital (30 beds).
Owner—City of Visalia.
Architect—Ernest K. Kump, Rowell Bldg., Fresno.
Application will be filed with the PWA for a loan and grant to finance proposed project.

CONTRACT AWARDED

PEARL HARBOR, T. H. — E. E. Black, Ltd., Honolulu, T. H., at $3,515 awarded contract by Bureau of Yards and Docks, Navy Department, for repairs to Building No. 326, Naval Hospital, Pearl Harbor, T. H. Specification No. 8010.

Complete bids follow:

E. E. Black, Ltd.	$3,515.00
R. S. Chase	3,653.50
John Hansen	3,972.00
American Building Co.	4,072.80
Jonah Kumalae	4,190.00
George Hess	4,385.00
W. S. Ching	4,452.00
Walker & Olund	4,540.00
Max W. Moody	4,689.00
Ralph E. Woolley	5,500.00
Hawaiian Contracting Co.	5,654.00
Kalihi Contracting Co.	6,770.90

Plans Being Prepared.

ADDITION Cost, $20,000

SACRAMENTO, Sacramento Co., Cal. 28th and L Streets.

Addition to Sutter Hospital (new wing to house offices of the Superior California Hospital Assn., new locker rooms and rest rooms for nurses).

Owner—Sutter Hospital 28th and L Sts., Sacramento (R. D. Brisbane, Supt.)

Architect—Starks & Flanders, Forum Bldg., Sacramento.

Contracts Awarded.

INFIRMARY Cont. Price, $114,042

SEATTLE, Wash. Campus of University of Washington.

Four - story fireproof infirmary (two wards of 13 beds and ten 2-bed rooms, diet kitchens, ultra violet treatment laboratories, surgeries, offices, library, etc.)

Owner—State of Washington.

Architect—A. H. Albertson, Jos. Wilson and Paul Richardson, Associates, Northern Life Tower, Seattle.

Contractor — Hoard Engr. Co., Pantages Bldg., Seattle.

Electric Wiring — Wire Electric Co., Seattle, $14,455.

Plumbing and Heating — University Plumbing and Heating Co., 3939 University Way, Seattle, $25,079.

Elevators—Moline Elevator Co., 2002 First St., Seattle, $8,142.

12— POWER PLANTS

BIDS WANTED

MARE ISLAND, Cal.—Until Sept. 18, 11 A. M., bids will be received by Bureau of Yards & Docks, Navy Department, Washington, D. C., for setting two boilers, consisting of the removal of boiler settings, raising two boilers of approximately 1000-hp. ea., new settings with air cooled walls and appurtenances, at Central Power Plant, Navy Yard, Mare Island. Spec. No. 8033.

West Coast bidders should make application for plans and specifications to Commandant, Navy Yard, Mare Island. Application must be accompanied by a check or postal money order for $10.00, payable to the Chief of the Bureau of Yards and Docks.

On previous bid opening low bid was submitted by Barrett and Hilp, 918 Harrison St., San Francisco, at $24,996.

BIDS WANTED

MARE ISLAND, Cal.—Bids are being received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for four, 600-kw. motor-generator sets and switchboards at the Navy Yard, Mare Island Specification No. 7992. Date of opening bids will be announced shortly.

Plans and specifications may be obtained from above office and from Commandant, Navy Yard, Mare Island, upon deposit of $10.

West Coast bidders should make application to Mare Island.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

SAN FRANCISCO—Atlas Elevator Co., 34 Harriet St., at $5880 awarded contract by Department of Public Works for furnishing and installing one plunger type elevator in the orchestra pit at the Veterans Building, Civic Center.

CONTRACT AWARDED

SAN FRANCISCO—M. E. Vukicevich, 666 Mission St., at $3939 awarded contract by Department of Public Works for the revision of the orchestra pit in the Veterans Building, Civic Center

BIDS WANTED

SAN FRANCISCO—Until September 11, 1:45 P. M., bids will be received by Department of Public Works, Rm. 251, City Hall, for furnishing and installing marble base for statue in the vestibule of the Veterans' Memorial Building, Civic Center, San Francisco.

Plans and specifications may be obtained from City Architect Charles Sawyer, Room 265, City Hall. No deposit required.

CONTRACT AWARDED

SAN QUENTIN, Marin Co., Calif.—Palm Iron Works, 15th and S Streets, Sacramento, at $5,839 awarded contract by the State Purchasing Department, Sacramento, for miscellaneous steel work for the Industrial Building at San Quentin; Req. No. 24387. Complete bids published August 27.

SEEK FUNDS

TULARE, Cal.—Tulare City Council will file an application with the PWA for a grant of $35,000 to assist financing the construction of a new city hall in Tulare. The total cost of the building is estimated at $80,000.

Seek Funds.

ADDITION Cost, $27,000

WOODLAND, Yolo Co., Calif.

Completion of City Hall (frame and stucco construction).

Owner—City of Woodland .

Architect—Harry J. Devine, California State Life Bldg., Sacramento.

Application filed with the PWA for a loan and grant in the amount of $27,000 to finance the work.

Bids Opened.

VENT. SYSTEM Cost, $2,000

SAN FRANCISCO. City Hall.

Ventilating system in Supervisors' Chambers, City Hall.

Owner—City and County of San Francisco.

Architect — Wm. Mooser, Monadnock Building.

Low Bidder—Scott Co., 243 Minna St.

Complete bids follow:

Scott Company	$1,520
W. B. Baker & Co.	1,548
Ace Sheet Metal Works	1,643
James A. Nelson	1,669
M. J. Reeves Heating Co.	1,944
Atlas Htg. Vent. Co.	1,988

Bids held under advisement.

Seek Funds

LIBRARY Cost, $38,000

BERKELEY, Alameda Co., Cal. The Alameda.

New library.

Owner—City of Berkeley.

Architect — Jas. Plachek, Mercantile Bank Bldg., Berkeley.

Application filed with the PWA for a loan and grant to finance project.

Sub-Contracts Awarded.

AUDITORIUM Cont. Price, $272,6

FRESNO, Fresno Co., Calif. Fres and O Streets.

One-story, basement, mezzanine flo and balcony auditorium (to se 2300 on main floor and 1200 in t balcony; 56-ft. stage, art galler committee rooms, kitchen a banquet room, central telephc system; Class A construction, st frame, concrete walls, steel rc trusses, hot air and steam hea ing system and elevators).

Owner—City of Fresno.

Architects—Allied Architects (W. Coates, C. H. Franklin, H. Rafa Lake, E. J. Kump, Fred Swar and E. W. Peterson, 304 Kow Bldg., Fresno).

Structural Engineers—F. W. Kellbe and Clarkson Swain, 544 Mark St., San Francisco.

Mechanical Engineer—A. Coddingto 222 Kearny St., San Francisco.

Contractor—W. J. Ochs & Trewh Shields Co., Pacific Southwe Bldg., Fresno.

Steel Sash and Reinforcing Steel Soule Steel Co., 1750 Army S San Francisco.

Hollow Tile—Paul Kindler, 1646 He ges St., Fresno.

Structural Steel—Herrick Iron Worl 18th and Campbell Sts., Oaklan

Glass—Valley Glass Co., 2220 Inyo Fresno.

Lumber and Finish Hardware—Vi ley Lumber Co. and Maisler Bro H and Mono Sts., Fresno.

Painting — D. Zelinsky & Sons, Grove St., San Francisco.

Lathing and Plastering—Joe Masi, Oleander St., Fresno.

Finish Material—Fresno Planing M H and Monterey Sts., Fresno.

Grading—Valley Paving Co., Bank America Bldg., Fresno.

As previously reported, electri work awarded Electric Constr. Co., O. Box, Fresno, $51,954; stage equi ment, curtains and drapes, Gene Seating Co., 160 Second St., San Fra cisco, $9878.83; seating, Americ Seating Co., 521 Mission St., S Francisco, $6760 (1000 opera chalt and Slater Furniture Co., Fres $7520 (2000 portable chairs).

Seek Funds.

FIREHOUSE, ETC. Cost, $25,

BERKELEY, Alameda Co., Cal. dar Street from 8th to 9th St

One - story frame fire house (cem plaster exterior) reinforced c crete drill tower and mach shop).

Owner—City of Berkeley.

Architect — Jas. Plachek, Mercan Bank Bldg., Berkeley.

Application filed with the PWA a loan and grant to finance propo building.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $5

STOCKTON, San Joaquin Co., Ca No. 1620 N. Baker Street.

One-story and basement frame stucco residence (5 rooms).

Owner—Victor J. Dentoul.

Architect—Not Given.

Contractor—F. P. Dobson, 1150 Harding St., Stockton

Contract Awarded.

RESIDENCE Cost, $10,

SACRAMENTO, Sacramento Co., No. 1211 46th Street.

Two-story frame and stucco reside

Owner—Russell Galoway.

Architect—Not Given

Contractor—O. C. Ruby, 4800 T Sacramento.

PUBLIC LIBRARY

ALAMEDA COUNTY

N.	Owner	Contractor	Amt.
8	Clark	Anderson	3450
6	Linton	Tollifsen	4000
6	Linton	Tollifsen	3000

WELLING
6 Cavanaugh Owner 1500
6 Roman Schnieder 21400
6 Conlogue Owner 3350
6 Grillo Delucchi 1265
6 Littell Johanson 3000
6 Conlogue Owner 3000
6 Cardoni Owner 1000

(7) NO. 596 GRIZZLY PEAK BLVD BERKELEY. One-story five-room frame dwelling.
ner — Royce Clark, 2161 Hearst Ave., Berkeley.
chitect—Newsom & Newsom, 5568 Taft Bldg., Berkeley.
ntractor—A. F. Anderson, 3524 Harbor View, Oakland. $3450

WELLING
(8) NO. 4443 PAMPAS AVEUNE, OAKLAND. One-story five-room dwelling.
ner—G. W. Linton, 4622 E-14th St., Oakland.
chitect—Not Given.
ntractor—C. Tollifsen, 3311 E-17th St., Oakland. $4000

WELLING
(9) NO. 4449 PAMPAS AVENUE, OAKLAND. One-story five-room dwelling.
ner—G. W. Linton, 4622 E-14th St., Oakland.
chitect—Not Given.
ntractor—C. Tollifsen, 3311 E-17th St., Oakland. $3000

LTERATIONS
(0) NO. 2150 CENTRAL AVENUE, ALAMEDA. Remoled and stucco front of building.
ner—Leo Cavanaugh, 2150 Central Ave., Alameda.
chitect—Not Given. $1500

LTERATIONS
(1) NO. 4925 PARK BLVD., PIEDMONT. Alter church.
ner—Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
chitect—N. K. Blanchard, 746 Keeler St., Berkeley.
ntractor — John H. Schnieder, 5621 Shafter Ave., Oakland. $24,400

WELLING
(2) NO. 1588 SEVENTY-SEVENTH Ave., OAKLAND. One-story six-room dwelling and one-story garage.
ner — F. W. Conlogue, 2607 64th Ave., Oakland.
chitect—Not Given. $3350

LTERATIONS
(3) NO. 1929-31-3 SEVENTY-THIRD Ave., OAKLAND. Alterations and addition.
ner—A. Grillo, 193 73rd Avenue, Oakland.
chitect—Not Given.
ntractor—P. Delucchi & Son, 5445 Claremont Ave., Oakland. $1265

WELLING
(4) NO. 3019 SEVENTY - THIRD Ave., OAKLAND. One-story 5-room dwelling.
ner — Wm. B. Littell, 3005 73rd Ave., Oakland.
chitect—Not Given.
ntractor—K. A. Johnson, 2832 76th Ave., Oakland. $3000

WELLING
(5) NO. 1582 SEVENTY-SEVENTH Ave., OAKLAND. One-story 5-room dwelling and one-story garage.
Owner — F. W. Conlogue, 2607 64th Ave., Oakland.
Architect—Not Given. $3000

ADDITION
(676) NO. 5241 LAWTON AVENUE, OAKLAND. Addition.
Owner—A. Cardoni, Premises.
Architect—Not Given. $1000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
127	Pacific	Cochran	2208
128	Lechens	Jensen	15650
129	Riedinger	Carlson	265

ADDITIONS
(127) NO. 140 NEW MONTGOMERY St. All work for additions and alterations to mechanical ventilating system in conference room of office building.
Owner—Pacific Telephone & Telegraph Co., Premises.
Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Contractor—Cochran & St. John, Ltd., 952 Mission St., San Francisco.
Filed Aug. 30, '35. Dated Aug. 26, '35
Upon completion 75%
40 days after 25%
TOTAL COST, $2208.50
Bond, $2208.50. Surety, Indemnity Insurance Company of North America. Limit, forfeit, none. Specifications only filed.

DWELLING
(128) LOT 17 BLK 2990, Sub. No. 1 Sherwood Forest. All work for two-story and basement frame dwelling.
Owner—Mr. and Mrs. B. O. Lechens, 411 Yerba Buena Ave., S. F.
Architect — Harold G. Stoner, West Portal and Portola Drive, S. F.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
Filed Sept. 3, '35. Dated Aug. 21, '35.
Roof framing completed $2934
Standing trim on 2934
Brown coat plaster on 2934
When completed 2934
Usual 35 days 3914
TOTAL COST, $15,650
Bond, $7825. Surety, Columbia Casualty Co. Limit, 100 days from date. Forfeit, none. Plans and specifications filed.

PAINTING
(129) NO. 3000 TWENTY-SIXTH ST. All work for painting.
Owner—George L. and Irene Riedinger, Premises.
Architect—Not Given.
Contractor—Anton Carlson, 1631 Florida St., San Francisco.
Filed Sept. 4, '35. Dated Aug. 9, '35.
HOLC Contract .....
TOTAL COST, $265
Bond, $265. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
64	Claremont	Henning	4849
58	Brown	Armstrong	7172
65	Roman	Schneider	22400
66	Clark	Anderson	4644
67	Clark	Nelson	240

TENNIS COURTS
(64) CLAREMONT COUNTRY CLUB Oakland. All work for tennis courts.
Owner—Claremont Country Club.
Architect—J. J. Donovan, 950 Parker St., Berkeley.
Contractor—P. M. Henning, 5228 Lawton St., Oakland.
Filed Sept. 3, '35. Dated Aug 27, '35
on 1st of each month 75%
When completed 75%
Usual 35 days 75%
TOTAL COST, $4849
Bond, $4849. Surety, Maryland Casualty Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

CHURCH
(65) LOT 164, St. James Wood, Oakland. All work for church.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Norman K. Blanchard, 746 Keeler St., Berkeley.
Contractor—John H. Schnieder, 5621 Shafter Ave., Oakland.
Filed Sept. 4, '35. Dated Aug. 9, '35.
As work progresses .....
TOTAL COST, $22,400
Bond, $11,200. Surety, Glens Falls Indemnity Co. Limit, 100 days. Forfeit, $5 per day. Plans and specifications filed.

DWELLING
(66) LOT 43 BLK 14, North Cragmont, Berkeley. All work for 1-story and basement frame dwelling.
Owner—Royce C. Clark, 2164 Hearst St., Berkeley.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.
Contractor — A. Frederick Anderson, 1518 38th St., Sacramento.
Filed Sept. 4, '35. Dated Aug. 22, '35.
Frame up $1161
Brown plastered 1161
When completed 1161
Usual 35 days 1161
TOTAL COST, $4644
Bond, limit, forfeit, none. Plans and specifications filed.

PAINTING
(67) LOT 43 BLK 14, North Cragmont, Berkeley. All work for painting.
Owner—Royce C. Clark, 2164 Hearst St., Berkeley.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francsico.
Contractor—Nelson & Garshol.
Filed Sept. 4, '35. Dated Aug. 24, '35.
Work half finished $80
When completed 80
Usual 35 days 80
TOTAL COST, $240
Bond, limit, forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER service station, $500; NE 24th and Valencia Sts.; owner, Seaside Oil Co., 2121 3rd St.

ALTER dwelling, $125; 443 Edinburgh St.; owner, Henri Morin, Premises

ALTER dwelling, $400; 425 Anza St.; owner, Taletha C. Offutt, 268 11th Avenue.

SIGN, electric, $250; 4540 Mission St.; owner, Ferrera Hardware Co., 4540 Mission St.; contractor, Wonderlite Neon, 170 Otis St.

SIGN, electric, $450; 931 Market St.; owner, Palm Garden Grill, Prem.; contractor, Wonderlite Neon, 170 Otis St.

BILLBOARD, $75; E 48th Ave. 225 N Taraval St.; owner, West Coast Adv. Co.

BILLBOARD, $75; NE 19th Ave. and Wawona St.; owner, West Coast Adv. Co.

ALTER dwelling, $500; 426 Edinburgh St.; owner, W. Pomroy, 255 San Carlos St.; contractor, Jack Cal-

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded

APARTMENTS Cost, $10,000
FRESNO, Fresno Co., Calif. 811 Mildreda Street
Two-story frame and stucco apts.
Owner—H. Scott.
Architect—Not Given.
Contractor—LaMone Call, 1221 Thesta St., Fresno.

4— FACTORIES & WAREHOUSES

BIDS WANTED

CASPER, Wyo.—Until Sept. 17, 10 A. M., bids will be received by the Bureau of Reclamation, H. W. Bashore, Construction Engineer, Casper, Wyo., for constructing a warehouse building at the Government Camp at Seminoe Dam, Casper - Alcova Project; Spec. No. 719-D.

The work is located about 37 miles northeast of Parco, Wyo.

The warehouse building will consist of main section 33 by 140 feet in size, and an addition 20 by 140 feet in size. The foundations of all of the sections and the walls to a height of five feet above the floor will be of concrete. The framework above the concrete will be of structural steel and will be covered with corrugated steel sheets. Metal folding, sliding and swing doors and metal-sash windows will be located in the outside walls. An office room and a toilet room with wooden partitions will be located in one corner of the warehouse. All plumbing and the electrical installation will be included in the contract.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1, not returnable. May be obtained from Bureau offices at Casper, Wyo., or Denver.

To Be Done By Day's Work.

MILL Cost, $1,500
SAN FRANCISCO. San Bruno Ave. and Alemany Blvd.
One-story frame mill.
Owner—J. L. Sage & Co., 319 Bayshore Blvd.
Architect—Not Given.

PREPARING PLANS

SATICOY, Ventura Co., Cal.—Architect Roy C. Wilson, 112 S. Mill St., Santa Paula, is preparing preliminary plans for a two-story reinforced concrete lemon packing plant, 140x252 ft.) to be built in Saticoy for the Del Norte and Santa Paula Lemon Cos.; J. D. Culhertson, manager. The architect desires data on concrete, mushroom or flat slab construction.

CONSTRUCTION TO START SHORTLY

PHOENIX, Arizona. — Libby Fruit Packing Co., Geo. Libby, manager, Phoenix, has announced that construction of the new packing plant to replace the company's existing building at 126 S. Ninth St., Phoenix, is scheduled to start the early part of September. The Libby Co. has leased a 1½-acre site at Buchanan and 7th Sts., Phoenix, from the Southern Pacific Railroad. The proposed building will contain approximately 30,000 sq. ft. of floor space including an air conditioned storage room with a capacity of 50 cars. All of the present machinery will be used and several sorting and conveying units will be added. The plant will be designed for both railroad and truck loading.

Plans Being Prepared.

ALTERATIONS Cost, $2,000
SAN BRUNO, San Mateo Co., Calif.
Alterations to building for creamery
Owner—Withheld.
Architect—A. A. Cantin, 557 Market St., San Francisco.

Plans Being Figured—Bids Close Sept. 15th.

FACTORY Cost, $50,000
NAPA, Napa Co., Cal. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Mgr. of Const.—Mr. Hanscom.

Preparing Working Drawings.

BOTTLING PLANT Cost, $20,000
SACRAMENTO, Sacramento Co., Cal.
One-story brick bottling plant.
Owner—Coca Cola Company.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked in about 2 weeks.

6—GARAGES & SERVICE STATIONS

Contract Awarded.

ALTERATIONS Cost, $2900
SAN FRANCISCO.
Alterations to offices.
Owner — Seaside Oil Co., 2121 Third St., San Francisco.
Architect—Not Given.
Contractor—F. C. Stolte Co., 3455 Laguna St., San Francisco.

Planned.

SERVICE STATION Cost, $10,000
WOODLAND, Yolo Co., Calif. Main and Walnut Streets.
New service station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

7— FEDERAL BUILDINGS

New Bids Wanted—To Close Oct. 2. 1 P. M.

POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by the Supervising Architect. Washington, D. C.
Plans and specifications may be obtained from the Treasury Department Washington, D. C.
On previous bid opening lowest bid was submitted by the Atlas Const Co., Pasadena, at $44,500.

LOW BIDDERS

PASCO, Wash.—Newman Brothe McMinnville, Ore., at $469 submitt low bid to Treasury Dept., Washi ton, D. C., for painting the plaste etc., at the U. S. Post Office at Pa co. Second low bid was submitted Apex Painting and Decorating C Seattle at $487. Bids held under a visement.

CONTRACT AWARDED

SAN FRANCISCO.—Nick Hemmi ga, 627 38th Ave., at $475 awarded t contract by Custodian, U. S. Post O fice, for directional signs, etc., f the post office, 7th and Mission Sts Complete bids published Aug. 20.

Low Biddera.

POST OFFICE Cost, $120,0
ANAHEIM, Orange Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D. Three low bids follow:
Low Bidder—G. F. Campbell Buildi Co. and Chas. Kelly, Byrne Bld Los Angeles.
G. F. Campbell Bldg. Co., and Chas. Kelly, Los Angeles.....$71,8
Theo. Beyer Corp., L. A..... 73,7
L. F. Dow Co., L. A..... 74,0
Complete bids will be given shorti

Bids Wanted—To Close Oct. 2nd. 1 P. M.

BARRACKS Cost, $115,0
PORT ANGELES, Wash. Coast Gua Air Station.
One-story brick barracks building accommodate 75 men) shop bulle ing and garage.
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D. Plans and specifications may be ob tained from above office

Bid Opening Date Postponed Until Sept. 16, 1 P. M.

POST OFFICE Cost, $85,8
VENTURA, Ventura Co., Calif.
Two - story post office building, 12 93 ft., concrete walls, exposed co crete exterior, tile roof, vault concrete piles, marble and tile work, ornamental iron, skylight one pipe low pressure steam hea ing system, etc.
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D.

Bids Rejected.

POST OFFICE Cost, $57,2
VAN NUYS, Los Angeles Co., Cali Sylvan St. bet. Van Nuys Blv and Vesper Street.
One- and two - story reinforced co crete post office building (tile ro steam heat, etc.)
Owner—United States Government.
Plans by Supervising Architect of t Treasury Dept., Washington, D. Plans will probably be revised an new bids asked.
On previous bid opening lowest bi was submitted by Schuler & McDo ald, Oakland, at $49,500.

AWARDS APPROVED

ROSEVILLE, Placer Co., Cal.—Th Treasury Department approved th awards to Day and Night Wate Heater Company for gas water hea er and to the Chicago Pump Co. f sump for the U. S. post office at Rose ville. K. E. Parker Co., 135 Sout Park St., San Francisco, general co tractor.

6. You are further advised and no-
ied that you are in default in per-
rmance of your obligations under
r contract with you by reason of
ur failure to furnish necessary lines
d grades and any other engineering
hich you are obligated to furnish
der the terms of the contract.

7. You are further notified that
have and assert a valid claim for
extension of time for the perform-
ce of our contract arising from the
uses heretofore stated to you in
r request for such extension dated
ne 10, 1935, and in addition to the
tension of time requested therein,
now assert a right to and request
ch additional extension of time as
ay be necessary to complete the
ntract in the event that we con-
ue to perform same, based upon
(a) Heavy, treacherous, and unfore-
en character of the ground making
nstruction more difficult and slow-
through no fault of the contractor;
(b) Inadequacy and unsafety of the
sign in accordance with our letter
you dated August 23, 1935;
(c) Additional work required to be
one not included, intended or con-
mplated by the contract, plans and
ecifications

8. By reason of the facts asserted
this letter a right to rescind our
ntract with you has arisen in our
vor, but we do not desire to exer-
se such right unless it is absolutely
ecessary, as we consider that it is
e primary purpose and object of the
istrict to complete the tunnel and
e entire project as speedily as pos-
ble. If we exercise our right to re-
ind at this time, it will result in
eat delay to the project and might
sult in loss of a portion of the work
ready done in the construction of
e tunnels. We are anxious that the
ork be completed, and to complete
e following reasons in addition to
ose heretofore asserted:
ame for you, and we assume that
ou are of the same mind.

9. We invite your consideration to
e various matters set forth in this
tter, but must inform you at this
me that if we continue with the work
will be only upon the following con-
tions:

(a) That provision be made imme-
iately to pay us the reasonable value
f the additional work we have been
alled upon to perform, or which it
ay be necessary to perform here-
fter.

(b) An extension of time be grant-
d immediately which will enable us
o complete the work without penalty
nless delay hereafter occur which is
ue to our fault.

(c) Henceforth you perform all the
ecessary and proper engineering work
ncluding the giving of all lines and
rades, and assume responsibility for
ll engineering work which we have
lready performed and pay the cost
f same.

10. We will proceed with installa-
ion of type "A" tunnel construction
n the excavated portion of the two
unnels from the westerly end there-
f, subject to the conditions specified
n our letter to you dated August 23,
935. We will do this for the purpose
f preventing any loss that might oth-
erwise occur of the excavated portion
f the tunnels in which concrete has
ot yet been installed, unless notified
y you to cease such work. We will
not perform any other work in the
onstruction of the tunnels under our
contract with you unless notified with-
in a reasonable time after receipt of
this letter that the conditions set
forth hereinabove are satisfactory and
will be met by you.

Very truly yours,
SIX COMPANIES OF CALIFORNIA,
By S. D. Bechtel, President.

Tunnel District President Answers Six Companies In Contract Dispute

Thomas E. Caldecott, president of the board of directors of Joint Highway District No. 13, organized to construct the Broadway low-level tunnel, has issued the following statement concerning the district's position with regard to the project:

"The accident in the Broadway Low Level Tunnel would not have occurred if the contractor had followed the excavation work by promptly installing the permanent reinforced concrete lining called for by the plans and specifications.

"Instead of this, the contractor has excavated approximately 1000 feet beyond the concrete lining in each bore. The accident which resulted in the death of three men occurred while the men were engaged in replacing temporary timbering which was installed more than six months ago and which was splintering. The contractor has been frequently urged by the Joint Highway District's engineers to commence and vigorously pursue the placing of the permanent concrete tunnel lining.

"The 650 miners were discharged by the contractor on August 21st, because the contractor finally had decided that the permanent concrete lining must be placed in the open bores without delay to prevent the failure of the timbering or the possible collapse of the tunnel.

"Within the past few months the Six Companies of California, the contractor, has stated that it would sustain a loss on the job. Thereafter the contractor began to advance claims that the Joint Highway Distict was not performing sufficient engineering work, although the specifications state the contractor shall do his own engineering. The district declined to perform work at the taxpayers' expense for the contractor, which the contract obligates it to perform.

"More than a year in advance of the date fixed for the completion of the contract, and at a time when the work could well have been finished within the time limit set in the contract, Six Companies of California requested an extension of time for six months. The District declined to give an extension on the ground that nothing had occurred which under the terms of the contract justified an extension. An extension would relieve the contractor of the penalty for noncompletion within the time fixed in the contract.

"The contractor next employed a protective committee of consulting engineers who, after a short consideration on August 19th verbally notified Wallace B. Boggs, District Engineer, that the design of the finished concrete lining was inadequate for the ground conditions, and that a written notice to his effect would be filed by the contractor shortly which would demand changes in the plans of the finished concrete lining, which would result in large payments for extra work to the contractor. We believe these additional payments would be sufficient to make up all, or a very large part of, the contractor's anticipated loss on the job. The contractor's letter of August 23 atempting to force the adoption of this plan for additional payments followed. Threats of court action have been made from time to time.

"Another contention advanced by the contractor in attempting to establish the right to additional work is that Six Companies of California was misled by he geologist's report made to the district. The atructures found during excavation have followed the geologist's report with remarkable fidelity. In addition, the Six Companies has had great experience in tunnel construction and its members knew the conditions to be encountered in driving a tunnel in the coast range hills before bidding on this job or entering into the contract. The conditions found in the Broadway Low Level Tunnel are less difficult than in other tunnels built in this locality.

"The contractor has taken this job and the District expects it to finish the work in accordance with the plans and specifications. The attack on the adequacy of the design of the finished tunnel lining and its safety for the conditions encountered is not sustainable. The District has absolute confidence in the skill and knowledge of the District Engineer. This confidence is reinforced by the fact that every detail of the plans and specifications were checked and approved by eminent consulting engineers and that thereafter the plans were checked and approved by the engineers of the Department of Public Works of the State of California and the United States Government Engineer for the Public Works Administration, after which examination the United States granted $1,095,000 toward the cost of the work.

"This accident has no connection with the design of the tunnel. It was solely due to the method of construction used by the contractor. My sympathy and condolence go to those who have suffered tragic loss by reason of existing conditions which in no respect arise from the design of the tunnel.

"The District proposes that the taxpayers be protected by a fair and full performance of the contract which the Six Companies of California, an experienced and reputable firm, entered into after open bidding and months of examination of the plans and specifications and of the hills in which the tunnel is to be built."

Kelly Assures Convict Labor Plan Abandoned

Assurance that the proposed increase in use of convict labor on State highways has been abandoned is contained in a letter from Director of Public Works Earl Lee Kelly to Floyd O. Booe, secretary-manager for Northern California Chapter, Associated General Contractors. Mr. Kelly's letter states:

I have received your letter of August 20, 1935, and am pleased to advise you that it is not going to be the policy of Governor Merriam to replace free men with convicts and we are going to continue in the future as we have in the past with the normal use of convict labor and we do not contemplate any increase in convict personnel

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
900	Balesteiri	Owner	2500
901	Raelfo	Owner	1850
902	Michael	Michael	4000
903	Standard	Owner	3000
904	Standard	Owner	12000
905	Young	Owner	7400
906	Hardeman	Owner	3500
907	Rubeson	Standard	3500
908	Sobrato	S F Con	4000
909	Barber	Owner	4000
910	Seaside	Stolte	2900
911	Young	Owner	7400
912	Barroni	Barsotti	4000
913	Anderson	Owner	3000
914	Sanfilippo	Owner	1500
915	Lambert	Rochelle	1800
916	Blincoe	Owner	3000
917	Thompson	Schell	2000
918	Penaat	Well-Built	8000
919	Reimann	Owner	2800
920	Harms	Owner	5000
921	Berry	Galli	5000
922	Christensen	Owner	4000
923	Nelson	Owner	2500
924	Nelson	Owner	2000
925	Cullinan	Byrne	4650
926	Weinstein	Jacks	2000
927	First	Antonivich	7600

DWELLING
(900) W CAROLINE ST. 250 S 19th St. One-story and basement frame dwelling.
Owner—Sam Balesteiri, 1900 20th St., San Francisco.
Architect—Not Given. $2500

DWELLING
(901) S ITALY AVE. 67 W Moscow St. One-story and basement frame dwelling.
Owner — Angelo Raelfo, 800 Moscow St., San Francisco.
Architect—Not Given. $1850

DWELLING
(902) E WESTGATE 35 N Kenwood. One-story and basement frame dwelling.
Owner — John Michael, 762 De Haro St., San Francisco.
Architect—Not Given.
Contractor—Michael & Bomerer, 762 De Haro St., S. F. $4000

DWELLING
(903) N KIRKHAM ST. 57 E 33rd Ave. One-story and basement frame dwelling.
Owner — Standard Bldg., Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLINGS
(904) W THIRTY-SECOND AVE. 250, 300, 275 and 325 S Lawton St. Four one-story and basement frame dwellings.
Owner — Standard Bldg., Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000 each

DWELLINGS
(905) E THIRTY-SECOND AVE. 225 and 175 N Rivera St. Two 1-story and basement frame dwlgs.
Owner — Samuel Young, 117 Montgomery St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., S. F. $3700 each

DWELLING
(906) W TWENTY-FOURTH AVE. 50 N Lawton t. One-story and basement frame dwelling.
Owner — Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

DWELLING
(907) E EIGHTEENTH AVE. 175 S Cabrillo St. One-story and basement frame dwelling.
Owner—Jacob Rubeson, % Contractor.
Architect—Not Given.
Contractor—Standard Bldg. Co., 1500 Judah St., S. F. $3500

ALTERATIONS
(908) NO. 50 OSGOOD PLACE. Alter cafe.
Owner—John Sobrato, Premises.
Architect — Richard R. Irvine, 3431 Market St., San Francisco.
Contractor—S. F. Constr. Co. $4000

DWELLING
(909) NW CHENERY ST. 425 E Randall St. One-story and basement frame dwelling.
Owner—H. B. Barber, 225 College St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(910) NO. 2121 THIRD ST. Alter offices.
Owner—Seaside Oil Co., Premises.
Architect—Not Given.
Contractor—F. C Stolte Co., 3455 Laguna St., S. F. $2900

DWELLINGS
(911) E THIRTY-SECOND AVE. 150 and 200 N Rivera St. Two 1-story and basement frame dwellings.
Owner — Samuel Young, 117 Montgomery St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., S. F. $3700 each

DWELLING
(912) S QUESADA ST. 250 E Keith. One-story and basement frame dwelling.
Owner—Carlo Borroni, 1457 Quesada St., San Francisco.
Architect—Not Given.
Contractor—G. Faggioni and G. Barsotti, 1567 Revere St. $4000

DWELLING
(913) E THIRTY-SECOND AVE. 250 N Noriega St. One-story and basement frame dwelling.
Owner — Christian Andersen, 146 Granville Way, San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(914) NO. 4735 GEARY ST. Alter cafe.
Owner—Joseph Sanfilippo, 2438 Jones St., San Francisco.
Architect—Not Given. $1500

ALTERATIONS
(915) NO. 563 THIRTY-THIRD AVE. Alter dwelling.
Owner—William Lambert, Prem.
Architect—Not Given.
Contractor — Rochelle & Lake, 102 Baker St. $1800

DWELLING
(916) E FIFTEENTH AVE. 250 S Vicente St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(917) SW SIXTEENTH AND HARrison Sts. Alter warehouse.
Owner—Thompson & Holms, 171 Bluxome St., San Francisco.
Architect—Not Given.
Contractor—Fred W. Schell, 1651 24th Ave., San Francisco. $2000

DWELLINGS
(918) S KENWOOD ST. 295 and 1 W Upland. Two one-story a basement frame dwellings.
Owner—W. H. and Ed. F. Penaat, California St., San Francisco.
Architect—Not Given.
Contractor—Well-Built Homes, In Clunie Bldg., S. F. $4000

DWELLING
(919) S JUDAH ST. 100 E Funst Ave. One-story and baseme frame dwelling.
Owner—Wm. Reimann, 281 Mallor Way, San Francisco.
Architect—Not Given. $29

BUILDING
(920) S ELLIS ST. 137 E Polk S One-story Class C commerc building.
Owner — Hugo Harms, 1217 Stany St., San Francisco.
Architect—Not Given. $50

DWELLING
(921) SE CEDRO WAY 100 S Oce Ave. One-story and baseme frame dwelling.
Owner—Ralph D. Berry, 222 Asht St., San Francisco.
Architect—Not Given.
Contractor — R. F. Galli, 1574 28 Ave., San Francisco. $50

DWELLING
(922) W TWENTY-FIRST AVE. S Quintara St. One-story a basement frame dwelling.
Owner — Herman Christensen, 14 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46 Ave., San Francisco. $40

DWELLING
(923) N ROMAIN ST. 114 E Corbe Ave. One-story and baseme frame dwelling.
Owner—F. Nelson & Sons, 2901 19 Ave., San Francisco.
Architect—Not Given. $25

DWELLING
(924) N ROMAIN ST. 86 E Corbe Ave. One-story and baseme frame dwelling.
Owner—F. Nelson & Sons, 2901 19 Ave., San Francisco.
Architect—Not Given. $20

DWELLING
(925) W CHURCH ST. 80 N 30th S Two-story and basement fran dwelling.
Owner — Lulu Cullinan, 1683 Chur St., San Francisco.
Architect—Not Given.
Contractor — William Byrne, 1606 Dolores St., San Francisco. $46

REPAIRS
(926) NO. 615 MARKET ST. Repa fire damage to store.
Owner—Isidor Weinstein, 1041 Mark St., San Francisco.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Ma ket St., San Francisco. $20

ALTERATIONS
(927) NO. 255 VALENCIA ST. Alt lodge rooms and basement.
Owner—First Serbian Benevolent S ciety. Premises.
Architect—Not Given.
Contractor — Frank Antonivich, 1 Marina Blvd., S. F. $76

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

AN FRANCISCO.—Until Sept. 16, M., bids will be received by T. Brooks, Purchaser of Supplies, Rm. 27(City Hall, for furnishing bell and plin bands, plate washers and tie bas for the San Francisco Water partment; Bid No. 1430.

pecifications and proposal forms on aplication to above.

U. S. FOREST SERVICE

AN FRANCISCO.—Until Sept. 12, 2 M., bids will be received by the U S. Forest Service, P. E. Brown, Procurement Engineer, Rm. 916, Phelan Bldg., under Contract No. 673 ,as follows:

(1 18 12-volt starting and lighting equipment for Allis-Chalmers 75 tractors, fob bidder's shipping pt. and/or Oakland;

(2 Lump sum allowance in cash for 6-volt equipment to be removed from 18 Allis-Chalmers tractors;

(3 lump sum allowance to be deducted from price bid on item (1) offered for 6-volt lighting equipment to be removed from 18 Allis-Chalmers tractors in exchange for new 18-volt starting and lighting equipment.

pecifications obtainable from above ffice.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., as follows:

OTH, 4000 yds. asbestos cloth, 36-in.; Mare Island. Sch. 5858; Sept. 10.

RTS, storage battery spare parts; Mare Island. Sch. 5829; Sept. 10.

EEL, 4500 lbs. corrosion-resisting bar steel; Mare Island and Puget Sound. Sch. 5817; Sept. 10.

LVES, 900 cylinder valves; Mare Island. Sch. 5821; Sept. 10.

SE, 500 flexible discharge hose, for CO2 fire extinguishers; Mare Island. Sch. 5847; Sept. 13.

EEL, 2000 lbs. corrosion-resisting steel; Mare Island. Sch. 5863; Sept. 13.

ID, 300,000 lbs. hydrochloric acid; Mare Island. Sch. 5862; Sept. 13.

CHINE, motor-driven combination shear, punch, coper, and notcher machine; Mare Island. Sch. 5864; Sept. 13.

CHINE, sheet metal working brake machine; Mare Island. Sch. 5865; Sept. 13.

CHINE, motor-driven engraving machine and bench type universal cutter grinder; Mare Island. Sch. 5861; Sept. 13.

DIUM-SILICATE, 3200 lbs. liquid; Mare Island and Puget Sound. Supplemental bids Sept. 13; original opening Aug. 6.

CELSIOR, 48,000 lbs.; Mare Island. Sch. 5809; Sept. 17.

MPS, 36, hand; Mare Island. Sch. 5893; Sept. 17.

SE, 30,000 ft. ¾-in. water hose with couplings; Mare Island. Sch. 5881; Sept. 17.

AIRS, 200, aluminum; Mare Island. Sch. 5889; Sept. 17.

CKSAW, motor-driven; Mare Island. Sch. 5892; Sept. 17.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

WAR DEPARTMENT

LOS ANGELES, Cal.—Until Sept. 10, 11 A. M., bids will be received by the U. S. Engineer Office, Rooms 224-236, 751 S. Figueroa St., Los Angeles for furnishing 60,000 barrels of portland cement in paper bags fob construction site, Ballona Creek, between Washington and Redondo Blvds., Los Angeles, under Proposal No. ER-509-1936-35. Specifications and forms for submitting bids may be obtained from the above office.

FORT MASON, Cal.—Until Sept. 9, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Req. No. QM 671-261-35, Memo 7468, for furnishing one engine, complete, with transmission and accessories, and for miscellaneous parts for engine.

Equipment is for transshipment to the Department Quartermater, Philippine Dept., Manila, P. I.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE — Until Sept. 19, 10.30 A. M., bids will be received by A. L. Flint, General Purchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3088, for furnishing:

(1) 800,000 gals. U. S. Government motor grade gasoline, in bulk.
(2) 500,000 gals. kerosene, in bulk.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Zone, Fort Mason, San Francisco.

20—MISC. SUPPLIES AND MATERIALS

(Continued from Page 22)

BIDS RECEIVED

OGDEN, Utah—Bids for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Ogden, Utah, at the option of the bidder, 3 17x17 ft. radial gates and miscellaneous metal work consisting of one spiral stairway, 3 sets of angle post mountings, and 2 roof ventilators for installation in the spillway and outlet works of the Pine View Dam, Ogden River Project, Utah, under Specifications No. 712-D, were opened by the Bureau of Reclamation, Denver, Colo., August 26. The materials will be installed by the Government. The bids, showing prices on gates, item (1), and metal work, item (2), were as follows:

Midwest Steel & Iron Works Co., Denver, (2) weight 17,000, price $2153.

Victor Iron Works, St. Louis, (1) weight 36,800, $2508.

John W. Beam, Denver, (1) weight 16,000 and price $1600.

California Steel Products Co., San Francisco, (1) weight 18,000, $2748, (2) weight 16,539, $1893; combination bid $4600.

Kohl & Vic Iron Works, Chicago, (2) weight 17,525, $1934 .

Minneapolis Moline Power Implement Co., Minneapolis, (1) weight 37,000, $2460.

American Bridge Co., Denver, f.o.b. Ogden, Utah, (1) weight 35,430, $2842.

Ornamental Iron Works Co., Akron, Ohio, (2) weight, 16,000, $2139.

General Iron & Steel Works, Portland, Ore., (1) no weight, $3492.

Schrader Iron Works, Inc., San Francisco, (1) weight 37,000, $3240; (2) weight 18,000, $2510.

Ogden Iron Works Co., Ogden, Utah, (1) weight 37,200, $2790.

Roanoke Iron Works, Inc., Roanoke, Va., (2) weight 17,000, $1200.

Association Piping & Engineering Co., Ltd., Los Angeles, (2) weight 13,000, $1825.

Worden-Allen Co. of Milwaukee, Wis., f.o.b. Ogden, (1) weight 37,500, $2220.

Virginia Bridge & Iron Co., Roanoke, Va., f.o.b. Memphis, Tenn., (1) weight 36,900, $2782.

BIDS OPENED

OAKLAND, Cal.—Bids received by Eastbay Municipal Utilities District for furnishing crushed rock, gravel and sand, Spec. No. LS-153:

Schedule I

(Delivery at Corporation Yard)

(1) 3,000 tons crushed rock;
(2) 300 tons screenings;
(3) 1000 tons birdseye;
(4) 350 tons river sand;
(5) 150 tons gravel.

Identical bids were received at (1) $1.70; (2) $1.70; (3) $2.00; (4) $1.80; (5) $1.935; total $8530.25, from the following: Rhodes & Kennedy, Inc., Oakland; Powell Bros., Inc., Alameda; Rhodes & Jamieson, Ltd., Alameda; Chas. S. Hughes Co., Berkeley; Acme Building Material Co., El Cerrito; Contra Costa Building Material Co., Berkeley; Melrose Building Material Co., Oakland.

Hutchinson Co., Oakland, bid (1) $1.55; (2) $1.55; (3) $1.75; (4) $1.50; (5) $1.94; total $7681.00.

Blake Bros. Co., San Francisco; Heafey-Moore Co., Oakland, bid (1) $1.55; (2) $1.55; (3) $1.75.

Transit Concrete Ltd., Oakland, bid (4) $1.80; (5) $1.935.

All bidders specified discount of 2% 10 days.

LOW BIDDER

BOULDER CITY, Nevada—Low bids submitted to the Bureau of Reclamation, Denver, August 29, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. at Boulder City, Nevada, structural steel supports, gratings and handrallings for the walkways, stairs and ladders to be installed in the upper Arizona and upper Nevada tunnels at the Boulder Dam, Boulder Canyon, Specifications No. 640, are as follows:

Item (1), Arthur J. O'Leary & Son, at $11,100 f.o.b. Chicago.

Item (2), Gary Structural Steel Co. at $12,624 f.o.b. Boulder City, Nev.

Item (2), Crane O'Fallon Co., at $3427 f.o.b. Boulder City, Nev.

Combination bid, items (1) and (2), Reliance Steel Products Co. at $26,460 f.o.b. Boulder City, Nev.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until Sept. 11, 2 P. M., bids will be received by Humboldt County Board of Supervisors, F. M. Kay, Clerk, Court House, Eureka, for constructing a new bridge across Dobbyn Creek, between Blocksburg and Alderpoint in Road District No. 2.

Plans and specifications may be procured from County Surveyor Frank Kelly.

CONTRACT AWARDED

CROCKETT, Contra Costa Co., Cal.—Karl S. Koller, Box 607, Crockett, at $3,761.85 submitted low bid and awarded contract by the Contra Costa County Board of Supervisors, Martinez, for constructing a reinforced concrete bridge at Loring Ave., Crockett, involving:

(1) 96.3 c.y. concrete;
(2) 11,280 lbs. reinforcing steel

Complete bids follow:

Karl S. Koller, Crockett: (1) $33.50; (2) $0.0437; (3) total, $3,761.86.

Albany Cement Contractors, Inc., Albany: (1) $51.15; (2) $0.05; (3) $5,489.75.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Frank Bryant, 2911 23rd St., San Francisco, at $26,400 submitted low bid and was awarded contract by the Humboldt County Board of Supervisors, Eureka, for constructing a suspension bridge across the Eel River at Fort Seward in Road District No. 2.

Fred J. Maurer & Son, Inc., Eureka at $26,861, and Henry Padgett, Fields Landing, at $28,682 sumitted second and third low bids, respectively.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until Sept. 16, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for the construction of a reinforced concrete bridge on Moffatt Blvd. over Stevens Creek in Supervisor District No. 5.

Plans and specifications obtainable from County Surveyor R. D. Chandler at a charge of $1.

CONTRACTS AWARDED

SAN BENITO COUNTY, Calif.—J. J. Cardoza, Hollister, at prices shown below awarded contracts by the San Benito County Board of Supervisors, Elmer Dowdy, County Clerk, Hollister, for constructing three timber bridges approximately 30-ft. in length over Dos Picachos Creek in Supervisor District No. 1:

(1) On the Jarvis Road, $1,008.
(2) On Comstock Road, $899.
(3) On Dooling Road, $1,058.

Wm. Radtke, Gilroy, at (1) $1,155; (2) $1,000; (3) $1,146 submitted the only other bid

22—DREDGING, HARBOR WORKS, EXCAVATION

COMPLETE BIDS

GOVERNMENT ISLAND, Calif.—Ben C. Gerwick, Inc., 112 Market St., San Francisco, at $249,117 submitted low bid to U. S. Coast Guard, Washington, D. C., (as previously reported) for constructing 1975 l.f. cellular type steel sheet pile bulkhead composed of 53 cells and approximately 274 lin. ft. straight wall type steel sheet pile bulkhead at Coast Guard Base 11, Government Island.

Complete bids follow:

Ben C. Gerwick, S. F.		$249,117
Alternate (a) add		9,375
Alternate (b) deduct		3,550
Merritt-Chapman, Scott Corp., San Francisco		$249,700
	(a)	9,000
	(b)	4,400
Healy-Tibbitts Const. Co., San Francisco		$253,318
	(a)	9,200
	(b)	4,200
Siems-Helmers, Inc., St. Paul		$254,556
	(a)	10,055
	(b)	3,600
M. B. McGowan, Inc., S. F.		$255,000
	(a)	10,000
	(b)	5,000
A. W. Kitchen & Co., S. F.		$263,770
	(a)	8,388
	(b)	4,834
Duncanson-Harrelson Co., San Francisco		$265,218
	(a)	9,700
	(b)	4,747
Schuler & McDonald, Oakland		$266,200
	(a)	8,855
	(b)	4,467
Case Const. Co., Alhambra		$273,945
	(a)	9,725
	(b)	5,000

PROJECT AUTHORIZED

SANTA CLARA COUNTY, Calif.—Formation of San Jose Harbor District authorized at a special election August 27. Application has been filed with PWA for a grant of $450,000 toward initial construction planned, and a bond issue of $900,000 probably will be submitted to the district voters at an early date.

City Engineer W. L. Popp of San Jose, estimates construction items as follows: Dredging 2,362,000 c.y. in the main channel and turning basin, and 300,000 c.y. around the docks, $300,000; rock facing, 16,000 tons, $25,000; 26,000 l.f. highway, 30,000 l.f. railroad track, 5484 l.f. spur track, $47[illegible]; levees, $180,000; wharves, $29[illegible]; warehouses, $125,000; water system, conveyors, etc., $100,000.

If the port project is undertaken Federal government will spend $[illegible],000 in dredging channel in addition to port district dredging.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

September 3, 1[illegible]

BIDS OPENED

OREGON — Eugene Sand & Gravel Co., Box 607, Eugene, Oregon, at $16,650 submitted low bid to U. S. Engineer, First Portland District, Portland, for bank clearing, grading of river bank and placing approximately 7500 cubic yards of riprap stone over 1750 linear feet of river bank all along the Willamette River, Oregon, near Eugene. Complete bids follows:

Eugene Sand & Gravel Co., Eugene, $16,650.
Slate Construction Co., Albany, $[illegible]-900.
Schmitt Construction Co., Portland, $21,250.
F. J. Kernan, Portland, $23,100.
Kuckenberg-Wittman Co., Inc., $[illegible]-000.
Mountain States Construction, Eugene, $31,950.
Engineer's estimate, $19,461.

BIDS WANTED

WILLAMETTE RIVER, Ore.—Until Sept. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Major Milo P. Fox, District Engineer, First Portland District, 306 Customhouse, Portland, under Bid No. [illegible]-36-86, for dredging a channel at 1100 feet long, 150 feet wide and [illegible] deep at low water in the Willamette River, Ore., at Meldrum Bar, at 24 miles above the mouth of the river.

The work involves 25,600 c.y. pay measurement dredging and disposal of material.

Plans and specifications obtainable from the above office.

PLANNED

ALAMEDA, Cal.—City Council has authorized application to PWA for [illegible] in construction of a municipal yacht harbor to cost $75,000. Lochlei[illegible] King has been engaged as consulting engineer to prepare the application.

23—IRRIGATION PROJ.

CONTRACT AWARDED

OGDEN, Utah.—J. A. Terteling [illegible] Sons, Box 1406, Boise, Idaho, at $1[illegible]-091 (Schedule 1) and Utah Construction Co., Ogden, and Morrison-Knudsen Co., Boise, at $197,429 (Schedule 2) awarded contracts by Bureau of Reclamation for constructing earthwork, canal lining and structures, [illegible] tion 0 to Station 587, Ogden Brigham Canal, Ogden River Project, U[illegible] Spec. No. 623.

CONTRACT AWARDED

CASPER, Wyo. — W. E. Callahan Construction Co., Dallas, Texas, [illegible] Gunther & Shirley, Los Angeles, [illegible] $1,482,651 awarded contract by [illegible] reau of Reclamation for construc[illegible] the Alcova Dam, Casper-Alcova Project, Wyoming; Spec. No. 590.

Complete bids reported July 19.

CONTRACT AWARDED

FAIRFIELD, Mont. — Martin Winderlich Co., Jefferson City, Mo., [illegible] $211,085 awarded contract by the [illegible] S. Reclamation Service, A. W. W.

ue brick,plateglass,windows,doors
ue brick, plate glass, windows,
ors, etc., as is necessary to con-
ct a new and wall on the remain-
eof the building. Available Oct. 15.
Im B-167: 1027 38th St., Oakland.
h with 200 sq. ft. floor space. Main
wling not included. Available Sep-
ber 1.
Im B-168: 1028 38th St., Oakland.
-room frame dwelling with 1380
q.ft. floor space. Shed 35 sq. ft.
ge not included. Available Sept.
5.
Im B-169: 1019 38th St., Oakland.
-room frame dwelling with 1220
q.t. floor space. Garage 180 sq. ft.
l 100 sq. ft. Available Oct. 15.
Im B-175: 3740 Linden St., Oak-
. Six-room frame dwelling with
sq. ft. floor space. Shed 50 sq. ft.
vailable Oct. 15.
Im B-180-A: 953 38th St., Oak-
d. Four-room and basement frame
wling with 1000 sq. ft. floor space.
age and sheds not included. Avail-
Oct. 1.
Im B-180-B: 949 38th St., Oakland.
-room and basement frame dwell-
with 1480 sq. ft. floor space. Ga-
and sheds not included. Avail-
Oct. 1.
Im B-181: 943-945-947 38th Street,
and. Ten-room two-story frame
with 3300 sq. ft. of floor space.
vailable October 1.
Im B-185: 925 38th St., Oakland.
-room frame dwelling with 1150
q.ft. floor space. Garage not in-
ed. Available Oct. 1.
Im B-186: 921 38th St., Oakland.
-room frame dwelling with 1160
q ft. floor space. Garage not in-
ed. Available Oct. 1.
Im C-31: 875' Murray St., Berke-
Four-room frame residence with
sq. ft. floor space. Available Oct.
1.
Im C-34: 895 Murray St., Berke-
Five-room frame and stucco res-
ce with 840 sq. ft. Sheds 150 sq.
Available Oct. 1.
ders must take delivery and re-
e buildings within 15 days after
e their bids have been accepted.

ANNED

ANTA BARBARA, Cal.—City elec-
will be held October 8 to vote on
posed bond issue of $348,180 to fi-
ce eight public works projects.
A grants and WPA assistance
unting to $331,420 will be asked
upplement the city's funds.
rojects proposed are:
effield Dam and Reservoir, PWA:
mated cost, $202,500; federal grant
125; city, $111,375.
iltration Plant, PWA Project: Es-
ted cost, $160,000; federal grant,
000; city's share, $88,000.
Cielito Reservoir, PWA Project:
mated cost, $28,100; federal grant
645; city's share, $15,455.
n Mesa Reservoir, PWA Project:
mated cost, $36,000; federal grant
200; city's share, $19,800.
istribution System, WPA Project:
mated cost $128,000; federal grant
200; city's share, $44,800.
aguna Ball Park, PWA Project:
al cost, $35,000; city's share, $19,-
.
ird Refuge Tennis Courts, PWA
J.: Estimated cost, $30,000; city's
re, $16,500.
pen Air Swimming Pool: Estimat-
cost, $60,000; city's share, $33,000.

DS WANTED

IVERSIDE COUNTY, Cal.—Until
tember 13, 10 A. M., bids will be
eived by Metropolitan Water Dist.,
W. Third St., Los Angeles, for
nishing and erecting steel struc-
es for the Fan Hill crushing and
eening plant, near Indio, Riverside
nty; Spec. No. 125.

Copies of the specifications may be obtained at Room 1007,306 West Third St., Los Angeles, upon payment of $2 per set, not returnable.

F. E. Weymouth, general manager.

BIDS OPENED

SAN FRANCISCO.—F. C. Amoroso & Sons, Wallace and Keith Sts., at $1,161.60 submitted low bid to Department of Public Works for constructing concrete stairway on south side of 22nd Street between Arkansas and Wisconsin.

Complete bids follow:

F. C. Amoroso & Sons	$1,161.60
W. J. Taylor	1,319.90
H. B. Peterson Const. Co.	1,354.00
A. Nelson, Inc.	1,413.60
Frank J. Reilly	1,432.00
C. C. W. and H. H. Haun	1,449.00

Bids held under advisement.

20—MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED

REDDING, Shasta Co., Calif.—Contracts awarded by District Quartermaster, Civilian Conservation Corps, Lieut. T. L. Ricks, Purchasing and Contracting Officer, Redding, for furnishing building materials for erecting District Headquarters Detachment Barracks at Redding:

Lumber—Diamond Match Co., Chico, $5191.20.
Millwork—Sterling Lumber Co., Redding, $879.06.
Hardware—J. J. LeFebvre and Sons, Redding, $531.06.
Roofing—Zellerbach Paper Co., Sacramento, $443.44.
Fibre Board—Diamond Match Co., Chico, $758.85.
Cement—McCormick & Saeltzer, Redding, $156.94.

CONTRACTS AWARDED

REDDING, Shasta Co., Cal.—Diamond Match Co., Chico, awarded contracts by District Quartermaster, Civilian Conservation Corps., Lieut. T. L. Ricks, Purchasing and Contracting Officer, Redding, for furnishing building materials to be delivered at Camps Southwest and Hackamore:

Lumber, $77.62; Millwork, $16.76; Hardware, $7.73; Roofing, $10.50; Cement, $11.70; Plumbing, $12.14; Electrical, $3.34.

CONTRACT AWARDED

LOS ANGELES, Cal.—Concrete Engineering Co., Los Angeles, at $18,478.49 awarded contract by the Los Angeles Water and Power Commission for furnishing deformed reinforcing steel; Spec. No. 1768.

BIDS OPENED

BOULDER CITY, Nev. — Bids for furnishing and delivering fob cars at the shipping point or at Boulder City two bulkhead gate lifting frames, one trashrack lifting frame and installation equipment for installing cylinder gate hoist stems and stem guides for operation in the intake towers at Boulder Dam, Spec. No. 711-D, received by Bureau of Reclamation, Denver. Equipment will be installed by the Government.

The bids were:

Consolidated Steel Corp., Los Angeles, $2,000; weight 12,500 los.

Steacy-Schmidt Mfg. Co., York, Pa., $2,400; weight 12,000 lbs.

Long Beach Iron Works, Long Beach $2,433.50; weight 13,000 lbs.

Minneapolis - Moline Power Implement Co., Minneapolis, $2,450; weight 13,250 lbs.

California Steel Products Co., San Francisco, $2,780; weight 12,500 lbs.

Schrader Iron Works, Inc., San Francisco, $2,911; weight, 15,000 lbs.

John W. Beam, Denver, $3,500, wt., 14,000 lbs.

All bid prices fob bidder's shipping point.

CONTRACT AWARDED

LOS ANGELES, Cal.—Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., Los Angeles, was awarded the contract by the Metropolitan Water District, Los Angeles, Aug. 30, at $48,346.20 (Schedule No. 1) for furnishing water stops for contraction joints and water stops and steel plates for dummy joints to be used in 16-ft. cut-and-cover conduit, delivery to be made prior to June 1, 1936. Specifications No. 119. The bids on Schedule 2 were rejected.

BIDS REJECTED

LOS ANGELES, Cal.—All bids for furnishing aluminum or copper conductor for the Boulder Dam-Aqueduct pumping plants transmission line, Specification 103, were rejected by the Metropolitan Water District, August 30.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnishing 83,790 tons reinforcing steel for use in the construction of the Colorado Aqueduct, Spec. No. 109, were awarded by the Metropolitan Water District, Los Angeles, August 30, as follows:

Blue Diamond Corp., Ltd.: Total contract 17,950 tons divided between Schedules 10, 14 and 16, and apportioned between the rolling mills, shown in the bid, in the amounts given below:

Schedule 10—Furnishing Rail Steel.

Amount	Rolling Mill
2,000 tons	Bethlehem Steel Co.
500 tons	Republic Steel Co.
1,000 tons	Laclede Steel Co.
1,000 tons	Connors Steel Co.
4,500 tons	Total.

Schedules 14 and 16—Furnishing intermediate grade or modified-intermediate grade billet steel:

Amount	Rolling Mill
1,000 tons	Carnegie Steel Co.
1,000 tons	Bethlehem Steel Co.
1,500 tons	Republic Steel Corp.
1,500 tons	Illinois Steel Co.
1,000 tons	Sheffield Steel Corp.
1,000 tons	Tennessee C., I. & R. R.
1,000 tons	Columbia Steel Co., from Torrance Mill.
1,000 tons	Pacific Coast Steel Corp., Los Angeles M
1,000 tons	Judson Steel Co.
2,000 tons	Colorado Fuel & Iron Co.
1,180 tons	Youngstown S. & T. Co.
270 tons	Inland Steel Co.
13,450 tons	Total.

Estimated total contract value (deduction made for District freight), $692,955.

Truscon Steel Co.: Total contract 17,950 tons divided between Schedules 10, 14 and 16, and apportioned between the rolling mills shown in the bid, in the amounts given below:

Schedule 10

Amount	Rolling Mill
1,000 tons	Bethlehem Steel Co.
1,000 tons	Carnegie Steel Co.
2,000 tons	Pollak Steel Co.
500 tons	Republic Steel Co.
1,000 tons	Laclede Steel Co.
1,000 tons	Connors Steel Co.
1,000 tons	Knoxville Iron Co.
7,500 tons	Total.

Schedules 14 and 16

Amount	Rolling Mill
1,500 tons	Republic Steel Corp.
1,500 tons	Illinois Steel Co.
1,000 tons	Sheffield Steel Corp.
1,000 tons	Tennessee C., I. & R. R.
1,000 tons	Columbia Steel Co., from Torrance Mill.

1,000 tons . Pacific Coast Steel Corp., Los Angeles Mill.
1,000 tons.....Judson Steel Co
1,000 tons.....Colorado Fuel & Iron Co.
1,000 tons.....Youngstown S. & T. Co.
450 tons.....Inland Steel Co.

10,450 tons.....Total.

Estimated total contract value (deduction made for District freight), $685,874.00.

Concrete Engineering Co.: Total contract 18,110 tons divided between Schedules 10, 14 and 16, and apportioned between the rolling mills shown in the amounts given below:

Schedule 10

Amount	Rolling Mill
1,000 tons	Bethlehem Steel Co.
1,000 tons	Carnegie Steel Co.
1,500 tons	Republic Steel Corp.
1,000 tons	Inland Steel Co.
1,000 tons	Texas Steel Co.
1,000 tons	Simmons Steel Co.
1,000 tons	Knoxville Iron Co.
2,610 tons	Illinois Steel Co.
10,110 tons	Total.

Schedules 14 and 16

Amount	Rolling Mill
1,000 tons	Bethlehem Steel Co.
1,500 tons	Republic Steel Corp.
1,500 tons	Illinois Steel Co.
1,000 tons	Sheffield Steel Corp.
1,000 tons	Tennessee C. & I. R. R.
1,000 tons	Columbia Steel Co., from Torrance Mill.
1,000 tons	Pacific Coast Steel Corp., Los Angeles Mill.
8,000 tons	Total.

Estimated total contract value (deduction made for District freight), $689,221.40.

Soule Steel Co.: Total contract 17,780 tons divided between Schedules 10, 14 and 16 and apportioned between the rolling mills shown in the bid in the amounts shown below:

Schedule 10

Amount	Rolling Mill
1,000 tons	Bethlehem Steel Co.
1,000 tons	Carnegie Steel Co.
1,500 tons	Republic Steel Co.
1,000 tons	Inland Steel Co.
1,000 tons	Sheffield Steel Corp.
1,000 tons	Laclede Steel Co.
1,000 tons	Missouri Roll. Mill Corp.
1,000 tons	Knoxville Iron Co.
8,500 tons	Total.

Schedules 14 and 16

Amount	Rolling Mill
1,500 tons	Republic Steel Co.
1,500 tons	Illinois Steel Co.
1,000 tons	Gulf States Steel Co.
1,000 tons	Tennessee C. & I. R. R.
1,000 tons	Columbia Steel Co., from Torrance Mill.
1,000 tons	Pacific Coast Steel Co.
1,000 tons	Colorado Steel & Iron Co
1,280 tons	Inland Steel Co.
9,280 tons	Total.

Estimated total contract value (deduction made for District freight), $671,419.00.

Security Materials Co.: Total contract, 4,000 tons under Schedule 10 and apportioned between the rolling mills shown in the bid in the amounts shown below:

Schedule 10

Amount	Rolling Mill
1,000 tons	Republic Steel Co.
1,000 tons	Laclede Steel Co.
1,000 tons	Simmons Steel Co.
1,000 tons	Knoxville Iron Co.
4,000 tons	Total.

Estimated total contract value (deduction made for District freight), $150,471.00.

Consolidated Steel Corp., Ltd.: Total contract 4,000 tons under Schedules 14 and 16, for furnishing new intermediate grade billet steel or modified intermediate grade billet steel and apportioned to Jones Laughlin Steel Co. as the only supplier under this company's bid.

Estimated total contract value (deduction made for District freight), $149,877.00.

J. W. Black Co., Ltd.: Total contract 4,000 tons under Schedule 13 for furnishing intermediate grade billet steel, all from Jones Laughlin Steel Co., as sole supplier under this bid.

Estimated total contract value (deduction made for District freight), $149,877.00.

BIDS OPENED

OAKLAND, Cal.—Ross Carrier Co., 611 Howard St., San Francisco, $4,985 submitted low bid to the Oakland Port Commission for furnishing and installing one lumber carrier.

Complete bids follow:

Ross Carrier Co., S. F. $5,
Dallas Machine and Locomotive Works, Dallas, Ore. 07,
Willamette Hyster Co., Portland 29
Bids held under advisement.

(Continued on Page 23)

LOS ANGELES — TELEPHONE POLES — (GOVT.)

LOS ANGELES, Cal.—Bids for furnishing butt treated western cedar or pressure treated Douglas fir or southern pine telephone poles, fob cars, bidder's shipping point, under Bid No. 1174, were opened by the U. S. Forest Service, 751 S. Figueroa St., Los Angeles, Sept. 3. The bids were taken as follows:

(1) 220 Class A, ASA poles, 25 ft. long;
(2) 80 Class 6 do;
(3) 80 Class 4 ASA poles, 35 ft. long;
(4) 20 Class 6 do.

The bidders were:

(A) Maydwell & Hartzell, bidding on western cedar poles, fob East Milwaukee, Ore. Delivery one car in 4 days, balance delivered at the rate of one car per day. Net 30 days.

(B) Joslyn Co., bidding on western red cedar poles, fob Priest River, Ida. Net 3 day delivery.

(C) L. D. McFarland Co., bidding on western red cedar poles, fob East Milwaukee, Ore. Terms, net.

(D) Texas Creosoting Co., bidding on southern yellow pine poles, fob Orange, Texas. Net 10 days.

(E) Niedmeyer - Martin Lbr. Co., bidding on yellow pine, fir or cedar poles, fob Portland. 2% 30 days.

(F) Niedmeyer-Martin Lbr. Co., alternate bid on yellow pine, fir or cedar poles, fob Galveston, Tex.; 2% 30 days.

(G) Jas. L. Hall, bidding on Douglas fir poles, fob The Dalles, Ore.; 2% 10 days.

(H) Jas. L. Hall, alternate bid on western cedar poles, fob Bellingham, Wash. Discount 2%. Delivery, thirty days.

(I) Jas. L. Hall, alternate bid on cedar poles, fob Sand Point, Ida.

(J) Howard W. Baxter, bidding on western cedar poles, fob Bellingham, Wash. Net 30 days.

(K) B. J. Carney & Co., bidding on Spokane, Wash., and Sand Point, Ida.

(L) National Lumber & Creosoting Co., bidding on southern pine poles, fob Houston, Tex. Net 15 days.

(M) H. A. Browning Lumber Co., bidding on western red cedar poles, fob Sand Point, Ida. Net. Five days delivery.

(N) Consolidated Lumber Co., bidding on Douglas fir poles, fob Wilmington, Calif.

(O) Consolidated Lumber Co., alternate bid on western red cedar poles, fob Wilmington, Calif. Net. Delivery in 30-40 days.

(P) Chas. R. McCormick Lbr. Co., bidding on cedar poles, fob East Milwaukee, Ore. Terms net. Delivery in 10 days.

(Q) Chas. R. McCormick Lbr. Co., alternate bid on Douglas fir poles, fob St. Helens, Ore. Terms net. Delivery in 45 days.

(R) General Elec. Supply Co., bidding on red cedar poles, fob Sand Point, Ida. Discount 2%. Delivery in 20 days.

(S) General Electric Supply Co., alternate bid on southern yellow pine poles, fob De Ruyter, La.

(T) Graybar Electric Co., bidding on southern pine poles, fob Lodi, Alldaire or Jefferson, Texas. Terms net. Delivery in 14 days.

(U) J. H. Baxter & Co., bidding on western red cedar poles, fob Seattle, Wash. Terms net. Delivery 10 days.

(V) J. H. Baxter & Co., alternate bid on Douglas fir poles, fob Seattle. Terms net. Delivery in 30 days.

(W) Pan Pacific Piling & Co., Co., bidding on western red cedar poles, fob Wilmington, Calif. Terms net. Delivery in 21 days.

Unit bids and weights were as follows:

	—1—		—2—		—3—		—4—		—	
	Price	Wt.	Price	Wt.	Price	Wt.	Price	Wt.	Price	W
(A)	$3.95	375	$2.70	205	$6.05	560	$5.00	385	$4.65	2
(B)	3.80	360	2.55	205	5.40	550	4.45	380	4.10	3
(C)	4.15	275	2.88	170	5.25	475	4.35	300	4.40	6
(D)	3.01	418	2.31	310	5.59	780	4.17	570	4.29	0
(E)	4.32	*	2.98	*	6.48	*	2.98	*	5.08	*
(F)	4.00	*	2.80	*	6.00	*	2.80	*	4.70	*
(G)	4.17	340	3.75	260	7.38	630	6.26	510	5.94	0
(H)	3.78	325	2.85	190	5.00	500	4.08	350	4.38	0
(I)	.....	.....	2.40	200	5.00	550	2.65	325	4.50	0
(J)	3.65	325	2.75	190	4.85	500	3.95	350	4.25	0
(K)	4.05	340	2.43	191	5.15	519	4.50	356.5	4.90	0
(L)	3.53	**	2.70	**	6.57	**	4.88	**	5.09	*
(M)	.....	.....	2.45	200	5.05	550	2.80	325	4.50	0
(N)	7.70	375	7.70	260	11.55	635	11.35	505	9.63	0
(O)	5.15	400	4.05	400	6.65	600	5.55	600	5.95	0
(P)	4.43	400	3.43	225	5.95	610	5.10	400	5.20	8
(Q)	4.80	375	3.80	260	8.25	635	7.05	505	6.50	0
(R)	3.65	325	2.30	225	5.05	550	3.70	375	4.30	5
(S)	3.22	418	2.55	310	6.17	780	4.60	573	4.73	0
(T)	3.63	†	2.79	†	6.75	†	5.18	†	.....	
(U)	3.05	360	2.45	205	4.35	490	4.15	380	3.40	3
(V)	4.00	375	3.25	260	7.00	635	6.10	505	5.50	0
(W)	5.20	325	4.00	190	6.90	500	5.80	350	6.05	0

*This bidder quoted total weights as follows: (1) 128,000 lbs.; (2) 1 0 lbs.; (3) 38,400 lbs.; (4) 3600 lbs.; (5) 38,000 lbs.

**This bidder listed weights as follows: (1) and (2) combined total 198,200 lbs.; (3) and (4) combined total weight, 73,860 lbs.; (5) total w 60,200 lbs.

†This bidder listed total weights as follows: (1) 4418 lbs.; (2) 605 lbs. 403 lbs.; (4) 60,200 lbs.; (5) no bid.

ic Opened
IIIARY Cost, $7,000
A FRANCISCO. Utah and 25th Sts.
w - story frame library at Starr
ing School (2 rooms) work in-
olves excavation, misc. and orn.
ron, sheet metal, roofing, carpen-
ry, glass and glazing, metal lath-
ng and plastering, plumbing, fin
sh hardware and electrical work
nd painting.
wer—City and County of San Fran-
isco.
r itect—Chas. Sawyer, City Archi-
ect, City Hall.
o Bidder—F. C. Amoroso & Sons
Vallace and Keith Streets
Omplete bids follow:

. Amoroso & Sons	$4,250
. . Petersen Const. Co.	4,400
r k J. Reilly	4,471
E. Vukicevich	4,599
ecca & Son, Inc.	4,845
Wiliam Martin	5,133
nerson & Ringrose	5,238
Monson	5,850

ed irregular, no affidavit filed with
k.
Ids held under advisement.

ns Being Completed.
COOL Cost, $300,000
S FRANCISCO. Twenty-fifth and
Bryant Streets (Sunshine - Buena
Vista School).
n - story reinforced concrete school
18 classrooms, dining room, ex-
ercise room, vocational room, rest
rooms, auditorium to seat 500).
wer—City and County of San Fran-
cisco.
nitect—Martin J. Rist, Phelan
Bldg.; Charles F. Strothoff, 2274
15th St.; Smith O'Brien, 2032 Bak-
er St., and Albert Schroepfer, 681
Market Street.
ructural Engineer—H. J. Brunnier
Sharon Building.
hanical and Electrical Engineer—
A. R. McLaren, 611 Howard St.
lans will be forwarded to State
ision of Architecture, Sacramento,
o approval within a few days.

BS OPENED
AN FRANCISCO. — R. P. Paoli,
Fillmore St., at $6,999 submitted
bid for painting, and the Palace
dware Co., 581 Market Street, at
59.85 submitted only bid for finish
dware to Department of Public
Arks for painting and finish hard-
e for the reconstruction of the
vell High School located on Hayes,
Ashbury, Grove Sts. and Masonic Av-
e.
omplete painting bids follow:

P. Paoli	$6,999
Riable Painting Co.	7,920
Dohael Company	8,362
G. Thompson	9,337
Zimer Brothers	9,465
A. Zelinsky	9,600
Zelinsky	9,675
ing Anderson	9,735
nerican Bldg. Maintenance Co.	9,990

Bids held under advisement.

5—BANKS, STORES AND OFFICES

ntract Awarded
TERATIONS Cost, $1,500
N FRANCISCO. 503 Market St.
terations to offices.
wner—Hooker & Lent, Cunard Bldg.
chitect—Not Given.
ntractor—A. G. Muller, 243 7th St.

ntract Awarded
LTERATIONS Cost, $1,080
N FRANCISCO. 151 Minna Street.
terations and additions to building.
wner—Pacific T. & T. Co., 140 New
Montgomery Street.
ans by Engineering Dept. of Owner
ntractor—A. D. Collman, 1890 Grove
Street.

Contract Awarded
ALTERATIONS Sost, $——
SAN FRANCISCO. Sixth and Town-
send Streets.
Alterations to offices (work involves
installation of new elevator, re-
conditioning heating plant, new
windows, skylights and general
alterations).
Owner—United Grocers, Ltd., Sixth
and Townsend Streets.
Architect—Noble and Archie T. New-
som, Russ Bldg., San Francisco.
Contractor — A. L. Horstmeyer, 11
Mara Street.

CONTRACT AWARDED
REDONDO BEACH, Los Angeles
Co., Cal.—L. M. Halper, Paramount
Bldg., Los Angeles, awarded contract
for one-story frame and stucco store
building (60x75 ft.) on El Paseo St.,
between Diamond and Emerald Sts.,
Redondo Beach for Redondo Proper-
ties Corp. Cost, $100,000.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $19,058
SAN FRANCISCO. Kearny Street and
Maiden Lane.
Alterations to 8 - story and basement
Class A department store building
Owner—Weinstein Co. (Isadore Wein-
stein, President).
Architect—Hyman and Appleton, 68
Post Street.
Contractor—Jacks & Irvine, 620 Mar-
ket Street.
Ornamental Iron — Industrial Orna-
mental Iron Works, 552 Noe St.
Structural Steel—Schrader Iron W'ks.
1247 Harrison Street.
Marble—J. E. Back Co., 1533 San Bru-
no Avenue.

Contract Awarded.
ALTERATIONS Cost, $2208
SAN FRANCISCO. 140 New Mont-
gomery Street.
Additions and alterations to mechan-
ical ventilating system in con-
ference room of office building.
Owner—Pacific Telephone & Telegraph
Co., Premises.
Engineer—Leland & Haley, 58 Sutter
St., San Francisco.
Contractor—Cochran & St. John Ltd.,
952 Mission St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 50 Osgood Place.
Alterations to cafe.
Owner—John Sobrato, 50 Osgood Pl.
Architect—R. R. Irvine, 3431 Market.
Contractor—San Francisco Const. Co.,
3159 Fillmore St.

Plans Being Figured.
ALTERATIONS Cost, $——
MODESTO, Stanislaus Co., Calif.
Alterations to store building (work in-
volves new fixtures, alterations to
front, tile work, some marble)
Owner—Mellis Brothers, Modesto.
Architect—G. N. Hilburn, 1213 I St.,
Modesto.

Bank Fixtures and Mill Contract Awarded
ALTERATIONS Cost, $——
AVENAL, Kings Co., Calif
Alterations & additions to bank (new
bank fixtures, mill work, glass,
bronze wickets, screens, asphalt
tile floor covering).
Owner—Capital Co., 625 Market St
San Francisco
Plans by Owner's Construction Dept.
Bank Fixtures and Mill Work—Fink
and Schindler, 552 Brannan Street
San Francisco.

Planned.
ALTERATIONS Cost, $——
RICHMOND, Contra Costa Co., Cal.
No. 912-915 Macdonald Avenue.
Alterations and additions to building
(stores on ground floor).
Owner—L. H. Westering, Reno, Nev.
and Los Angeles.
Architect—Not Selected.
Lessee—J. C. Penny Co. (store on
ground floor).
Further details will be announced
shortly.

Planned.
STORE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif.
University Ave. and Kipling St.
One-story store building (reinforced
concrete construction) 50x97 feet.
Owner—Dr. Mervyn Rudee, Palo Alto.
Architect—Not Selected.
Lessee—Kemperich & Triplett Food
Store.

To Be Done By Day's Work.
STORE Cost, $6000
SAN FRANCISCO. S Ellis St. 137 E
Polk Street.
One story Class C store building.
Owner—Hugo Harms, 1217 Stanyan
St., San Francisco.
Architect—Not Given.

Planned.
OFFICE, ETC. Cost, $——
LIVERMORE, Alameda Co., Cal. So.
L Street.
One-story office and storeroom build-
ing.
Owner—Diamond Match Co., Chico.
Plans by Engineering Dept. of Owner.
Further details will be announced
shortly.

Sub-Contracts Awarded.
ALTERATIONS Cont. Price, $19,058
SAN FRANCISCO. Kearny Street and
Maiden Lane.
Alterations to 8-story and basement
Class A department store bldg.
Owner—Weinstein Co. (Isadore Wein-
stein, President).
Architect — Hyman and Appleton, 68
Post Street.
Contractor—Jacks & Irvine, 620 Mar-
ket Street.
Marble—J. E. Back, 1533 San Bruno
Avenue.
Structural Steel—Schrader Iron W'ks
1247 Harrison Street.
Ornamental and Misc. Iron — Indus-
trial Orn. Iron Works, 552 Noe

Electrical Contract Awarded.
OFFICE BLDG. Cost, $500,000
SAN FRANCISCO. 417 Montgomery.
Ten - story reinforced concrete office
building (tar and gravel roof, steel
sash, two elevators, steam heat-
ing system, terra cotta facing,
plaster throughout, etc.)
Owner—Louis Lurie, 333 Montgomery.
Architect—W. D. Peugh, 333 Mont-
gomery Street.
Engineer—F. W. Kellberg, 320 Market
Street.
Contractor—Cahill Bros., 206 Sansome
Street.
Electric—Alta Electric Co., 467 O'Far-
rell Street.
As previously reported, grading con-
tract awarded to Sibley Grading and
Teaming Co., 165 Landers St.; rein-
forcing steel to Truscon Steel Co., 604
Mission St.; lumber to J. H. McCol-
lum, Bryant and Oak Grove Streets;
underpinning to Harry Drake, 666 Mis-
sion St.; shoring to D. J. & T. Sulli-
van, 1940 Folsom Street.

Contract Awarded.
REPAIR STORE Cost, $2500
SAN FRANCISCO. No. 615 Market
Street.
Repair fire damage to store.
Owner—Isador Weinstein, 1041 Market
St., San Francisco.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Mar-
ket St. San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $50,000
FRESNO, Fresno Co., Cal. Tulare St. and Van Ness Ave.
Alterations and additions to Republican Building (150x150 feet).
Owner—New York Life Insurance Co.
Architect—Not Given.

Sub-Contracts Awarded.
ALTERATIONS Cost, $30
SAN FRANCISCO. NW Post Street and Stockton.
Alterations to store bldg. (new front; marble and bronze work, mill work, showcase, etc.)
Owner—Randolph's Jewelry Co.
Architect—Albert Schroepfer, 244 Kearny Street.
Contractor—Jacks & Irvine, 620 Market Street.
Plumbing—J. J. McLeod, 1246 Golden Gate Avenue.
Plastering and Ornamental Plaster—August Dackert & Co., 1450 15th Street.
Marble—Eisele & Dondero, 2895 Third Street.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $6,000
FRESNO, Fresno Co., Cal. 1455 Fulton Street.
Alterations to theatre.
Owner—Fox Theatre, premises.
Architect—Not Given.
Contractor—Fisher & McNulty, Mattel Bldg., Fresno.

Plans Being Completed
ALTERATIONS Cost, $——
NAPA, Napa Co., Cal. Main Street between First and Pearl Streets.
Alterations to old opera house to theatre.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

18—WHARVES & DOCKS

CONTRACT AWARDED
SAN FRANCISCO.—A. W. Kitchen, 110 Market St., at $4,960 awarded the contract by Lighthouse Department for repairs to wharf at Yerba Buena Island. Complete bids follow:

A. W. Kitchen	$4,960
San Francisco Bridge Co.	5,200
Healy-Tibbitts Const. Co.	5,420
Schuler & McDonald, Oakland	5,437
Duncanson-Harrelson Co.	5,700
M. B. McGowan	5,754
Frank Legg	5,925

All of San Francisco unless otherwise noted.

19—MISC. CONSTRUCTION

CONSTRUCTION STARTED
SEATTLE, Wash. — Todd Seattle Dry Docks, Inc., Harbor Island, Seattle, has started construction of 15,000-ton floating dry dock, sectional type, having five separate sections which may be operated individually or as a unit. The structure will require 5,000,000 feet of lumber. Estimated cost, $500,000.

CONTRACT AWARDED
SANTA MAARGARITA, San Luis Obispo Co., Cal. — Golden Gate Iron Works, 1541 Howard St., San Francisco, at $675 awarded contract by U. S. Forest Service for furnishing one 30-ft. steel Lookout Tower to be delivered at Santa Margarita, Calif. Bid No. 2836. Complete bids follow:

Golden Gate Iron Works, S. F.	$675
Independent Iron Works, Oakland	700
Schrader Iron Works, S. F.	720
Herrick Iron Works, Oakland	720
Moore Drydock Co., Oakland	790
International Derrick & Equipment Co., Torrance	800

LOW BIDDER
PHOENIX, Ariz.—P. W. Womack, 2538 E. McDewell St., Phoenix, submitted low bid to Phoenix city commission at $52,000 for construction of a stadium and baseball park on South Central Ave., Phoenix.

CONTRACT AWARDED
LAS VEGAS, Nev.—Arthur Cox has been awarded the contract by the Nevada-California Power Co. at about $14,000, to construct a 7-mile, 6600-volt power line to supply power to the Weepah Nevada Mining Co. The line will be financed jointly by the power company and the mining company. Two separate sections of the line will be built with one section to be four and one-half miles long, to run from a new sub-station on the Silver Peak Millers high tension line to the mill, and the other a two and one-half mile unit from the sub-station to the walls, which will be used to supply water for milling operations The sub-station on the high tension line will be used to reduce the voltage from 55,000 volts now on the line to the 6,600 which will be required by the line into Weepah. Actual construction of the line is expected to get underway in the next few days and will probably take about a month to complete, according to the report from the power company officials. The power will be used for pumping water from the wells to the mill and for the operation of the mill, which is now under construction by the Southwest Construction Co.

BIDS WANTED
SAN FRANCISCO—Until Sept. 18, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for brine tank for cold storage room at the Hall of Justice, Kearny St., San Francisco. Estimated cost $4500.

Plans and specifications may be obtained from City Architect, Charles Sawyer, Room 265, City Hall. No deposit required.

CONTRACT AWARDED
PLACENTIA, Orange Co., Cal.—E. K. Wood Lumber Co., Frederick and King Sts., Oakland, at $676.73 awarded contract by U. S. Forest Service for furnishing one lookout house, 14x14, for delivery at Placentia. Bid No. 2848. Only other bid was submitted by the Tilden Lumber Co., Berkeley, at $755 fob Oakland, and $855, fob Placentia.

CONTRACT AWARDED
TEMPLE CITY, Cal.—E. K. Wood Co., Frederick and King Sts., Oakland, at $958.35 (type C) and $259.77 (type J) awarded contract by U. S. Forest Service for furnishing one ready-cut building, type C, and one ready-cut building, type J, both for delivery at Temple City; Bid No. 2849. Only other bid was submitted by the Tilden Lumber Co., Berkeley, as follows:

Type C, fob Oakland	$1,048
Type C, fob Temple City	1,168
Type J, fob Oakland	284
Type J, fob Temple City	321

BIDS REJECTED
CALIFORNIA - NEVADA—All bids for the construction of the 237 miles of 230-kv. transmission line from the Boulder Dam to the Colorado Aqueduct pumping plants, under Specification No. 104, were rejected by the Board of Directors of the Metropolitan Water District, Los Angeles, Sept. 30. A new call for bids will be issued shortly. Fritz Zlebarth, 808 Security Bldg., Long Beach, at $407,[illegible] based on the use of aluminum conductor, submitted low bid August 20.

Contract Awarded.
POOL Cost, $[illegible]
SAN JOSE, Santa Clara Co., [illegible] 1855 Park Avenue.
Swimming pool.
Owner—J. D. Crummey, premises.
Architect—Binder & Curtis, 3[illegible] San Carlos St., San Jose.
Contractor—J. S. Newell, 838 Minnesota Ave., San Jose.

BIDS OPENED
SACRAMENTO, Cal.—Herm[illegible] Safe Co., Howard and Main Sts. San Francisco, at $950 submitted only bid to County Supervisors for furnishing and installing one 7-in. thick emergency door complete, including concrete, steel lining, burglar [illegible] lining, etc.; also connecting do[illegible] burglar alarm system, etc., for the county treasurer's office, Sacramento.

Bid held under advisement.

CONTRACT AWARDED
WESTWOOD, Cal.—Fenner & M[illegible] Chester, Calif., at $1,591.50 submitted low bid and awarded contract by Red River Lumber Co., Fred I. [illegible] Westwood, for furnishing necessary labor to stub power line and telephone poles on the company's Hat Creek transmission line between Westwood and Hat Creek power house No. 2 at Cassel in Lassen County. There are approximately 350 power line poles and 160 telephone poles to be stubbed.

The work is to be commenced about September 1 and to be completed by November 1.

Company will furnish all materials and pike poles, digging tools, etc. Contractor will supply his own tools and all transportation.

Complete bids follow:

Fenner & Mette, Chester	$1,[illegible]50
Phil Plano, Westwood	1,[illegible]50
J. A. Price, Westwood	2,[illegible]00
D. A. Manning, S. F.	3,[illegible]00
H. M. Small, Westwood	4,[illegible]50
Harry Tburp, Janesville	5,[illegible]00

BIDS WANTED
ALAMEDA COUNTY, Calif.—Until Sept. 9, 2 P. M., bids will be received by State Division of Highways, H. Skeggs, District Engineer, [illegible] 800, 500 Sansome St., San Francisco, for sale of various buildings located in Oakland, Emeryville and Berkeley, Alameda County.

Following are the structures to be sold:

Item A-242: 1720 Cypress St., Oakland. Four-room frame dwelling, 660 sq. ft. floor space. Available Oct. 10.

Item A-242-A: 1724 Cypress St., Oakland. Four-room frame dwelling, 560 sq. ft. floor space. Available Oct. 10.

Item A-242-B: 1728 Cypress St., Oakland. Three-room frame dwelling, 450 sq. ft. floor space. Available Oct. 10.

Item A-242-C: 1399 18th St., Oakland. Five-room frame dwelling, 910 sq. ft. floor space. Available Oct. 10.

Item B-162: 3663 Adeline St. Emeryville. Four-room frame dwelling, 590 sq. ft. floor space. Available Oct. 15.

Item B-164: Southeast corner San Pablo Ave. and 38th St., Emeryville. Brick stores and portion of garage with 11,300 sq. ft. floor space, 76 ft. along San Pablo Ave., 1[illegible] ft. along 38th St., and 109 ft. along [illegible] line. Seller reserves the right to [illegible]

aths), some hasalite work; tile oof, oil burning heating system, ieel sash, hardwood floors, etc.
wer—W. C. Corbett.
chitect — Williams & Wastell, 374 7th St., Oakland.
ntractor—Harry Kane, 921 Ramona t., Albany.

s Being Prepared.
E DENCE Cost, $8500
LAND, Alameda Co., Cal. Piedmont Pines.
story frame and brick residence 7 rooms and 2 baths), shingle oof, gas heating system, hardwood floors, tile baths, wood sash, tc.
wer—Dr. Winston S. Harrison.
chitect—J. V. Norris, Claremont Hotel, Berkeley.
his will be asked at a later date.

e Done By Day's Work.
E DENCE Cost, $4000
FRANCISCO. NW Chenery St. 25 E Kandall St.
story and basement frame dwelling.
wer—H. B. Barber, 225 College St., an Francisco.
chitect—Not Given.

s Being Figured.
EIDENCE Cost, $6,000
OESTO, Stanislaus Co., Calif.
- story and basement frame and stucco residence (six rooms) tile oof, gas heating system, steel ash, hardwood floors, tile bath.
wer—J. E. Niel.
chitect—G. N. Hilburn, 1213 I St., Modesto.

Contracts Awarded.
STORY Cost, $175,000
CTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
paint and varnish factory.
wer—E. J. du pont de Nemours & Co. (W. J. Sohlinger, Mgr.) 601 Third St., San Francisco.
s by Engineering Dept of Owner, Wilmington, Del.
ntractor—Cahill Bros., 206 Sansome St., San Francisco.
ctural Steel—McClintic - Marshall Co., 20th and Illinois Streets, San Francisco.
estos Prot. Sheet Metal — H. H. Robertson, 50 Hawthorne St., San Francisco.
s previously reported, grading contract awarded to J. S. Baker, 740 Farlton Lane, Burlingame.

Preparing Sketches.
SIDENCES Cost, $4,500 each
N FRANCISCO. Silver Avenue.
1-story and basement frame and stucco residencea (5 rooms each) tile and composition roofing, gas heating systems, hardwood floors, tile baths, etc.
wner—Withheld.
chitect — C. O. Clausen, 746 46th Avenue.

T Be Done By Day's Work.
RSIDENCE Cost, $3,000
N FRANCISCO. W Caroline 250 S 19th Street.
- story and basement frame and stucco residence.
wner—Sam Balesteirl, 1900 20th St.
chitect—Not Given.

Ipsring Sketches.
RSIDENCE Cost, $10,000
EDWOOD CITY, San Mateo Co.
o - story and basement frame and stucco residence (10 rooms and 3 baths) tile roof, gas heating system, hardwood floors, tile baths.
wner—Withheld.
chitect — C. O. Clausen, 746 46th Avenue.

Contract Awarded
RESIDENCE Cost, $7,078
SAUSALITO, Marin Co., Calif.
Two-story frame residence.
Owner—Georgia E. Robins, Sausalito.
Architect—Fred. H. Meyer, 525 Market St., San Francisco.
Contractor—Melvin H. Klyce, 34 Eugene St., Mill Valley.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. E Westgate 35 N Kenwood.
One - story and basement frame and stucco residence.
Owner—John Michael, 762 DeHaro St.
Architect—Not Given.
Contractor—Michael & Bomerer, 762 DeHaro Street.

To Be Done By Day's Work.
RESIDENCE Cost, $2,500
SAN FRANCISCO. S Italy 67 West Moscow.
One - story and basement frame and stucco residence.
Owner—Angelo Raelfo, 800 Moscow.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,549
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
One-story frame and stucco duplex.
Owner — Elsio Bellnomini, 658 Pine Terrace, South San Francisco
Architect—Not Given.
Contractor—Antonio Pianca, 109 Pine Terrace, South San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Cal. 608 Key Boulevard.
One-story frame and stucco residence (five rooms).
Owner and Builder—Herbert A. Green 802 Cerrito Ave., Albany.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co., Cal. S. 41st St. bet. Cuthing and State.
One-story frame and stucco residence.
Owner—Joe Ghisio, 577 S. 41st St., San Jose.
Architect—Not Given.
Contractor—John Faramia, 827 Madison St., Albany.

Plans Being Figured.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
One-story and basement Monterey-Colonial type residence (5 rooms, 1 bath) shake roof, oak floors, wood and steel sash, gas warm air heating system, etc.
Owner—Mrs. F. R. Axton, 19 Monte Avenue, Piedmont.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded
RESIDENCE Cost, $4,000
BERKELEY, Alameda Co., Calif. N. Cragmont 40 Forest Lane.
One - story and basement frame residence (rustic exterior, gas heating system, shingle roof, wood sash, oak floors, etc.)
Owner—Clark Metcalf.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Preparing Preliminary Plans.
RESIDENCE Cost, $——
MILL VALLEY, Marin Co., Calif.
One-story residence.
Owner—Withheld.
Architect—Miller & Warnecke, Financial Center Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4,700
SAN JOSE, Santa Clara Co., Calif 12th and Keyes Streets.
One - story and basement frame and stucco residence (six rooms) tile roof, gas heating system, oak floors, wood sash, etc.
Owner—G. Bargetto.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—V. J. Sunzeri, 176 N 31st St., San Jose.

Contract Awarded.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. Claremont District.
One-story wood frame residence (4 rooms) redwood siding, wood sash shingle roof, gas heating system, oak floors, etc.
Owner — M. Y. Boegle, 2745 Parker St., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

To Be Done By Day's Work.
RESIDENCES Cost, $14,800
SAN FRANCISCO. E 32nd Ave., 150-200 N Rivera and 225-175 N Rivera.
Four one-story and basement frame residences.
Owner—Samuel Young, 117 Montgomery Street.
Architect — C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work.
RESIDENCES Cost, $15,000
SAN FRANCISCO. N Kirkham, 57 E 33rd Ave. and W 32nd Ave., 250-300-275-325 S Lawton Street.
Six one-story and basement frame residences.
Owner & Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Plans Completed.
RESIDENCE Cost, $8000
RENO, Washoe Co., Nevada.
One-story frame and stucco residence (8 rooms and 2 baths) full tile roof, gas heating system, wood sash, hardwood floors, tile baths, quarry tile floors, etc.
Owner—Ray Petersen, 275 Ralston St., Reno.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Owner will take bids shortly.

15— SCHOOLS

Preparing Working Drawings.
ADDITION Cost, $30,000
MILLBRAE, San Mateo Co., Calif. Chadbourne Avenue.
Addition to Millbrae Elementary School (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs).
Owner — Millbrae Elementary School District.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Bonds were recently voted to finance the work, and application has been filed with the PWA for a grant.

CONTRACT AWARDED

TEMPE, Ariz.—Del E. Webb Const. Co., 1633 W. Jefferson St., Phoenix, awarded a contract by Arizona State Teachers' College, Tempe, at $130,-166.19 for the construction of an addition to the Matthews Library building at the College of Tempe, a PWA project. Lescher and Mahoney, 1100 Title and Trust Bldg., Phoenix, architects.

Preparing Working Drawings.
ADDITION Cost, $23,000
LOMITA PARK, San Mateo Co., Cal.
Addition to Lomita Park School (add two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs).
Owner—Lomita Park School District.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Bonds were recently voted to finance work. Application filed with the PWA for a grant.

LOW BIDDER
TEMPE, Ariz.—Del E. Webb Const. Co., 1633 W. Jefferson St., Phoenix, submitted low bid to Arizona State Teachers' College, Tempe, at $130,000, for the construction of an addition to Matthews library building at the college in Tempe, a PWA project. The library addition will be a 2-story and basement, Class A structure, 51x90-ft. and 25x55-ft. in area, with brick walls, pressed brick facing, asbestos shingle roof, hollow tile partitions, metal lath, pine and mahogany trim, concrete floors with rubber tile and linoleum covering, steam heat, art stone trim, insulation materials, marble work, ornamental iron, steel windows, steel trusses, tile work, etc. Estimated cost, $100,000. Two more buildings at the college, each costing approximately $100,000, will follow in about 30 and 60 days, respectively. Lescher & Mahoney, 1100 Title and Trust Bldg., Phoenix, architects.

CONTRACT AWARDED
LOS ANGELES, Calif.—Weymouth-Crowell Co., 2104 E. 15th St., awarded contract by Los Angeles board of education at $304,760 (using alternate bid No. 5 for substituting acoustical plaster for acoustical treatment, a deduction of $1740) for two two-story, Class A classroom buildings, to contain approximately 50 units, and a one-story Class B cafeteria building and connecting passageways to be built at the Thomas Jefferson high school, 1319 E 38th St. The buildings will be 65x268, 75x141 and 91x103 feet in area. Morgan, Walls and Clements 1135 Van Nuys Bldg., architects.

Preparing Preliminary Plans.
MACHINE SHOP Cost, $——
SAN FRANCISCO .
New machine shop at George Washington School.
Owner—City and County of San Francisco.
Architect — Miller & Pflueger, 580 Market St., San Francisco.

BIDS WANTED
LONG BEACH, Cal.—Until Sept. 11 4 P. M., bids will be received by the Long Beach board of education for the construction of the library and men's physical education buildings at the Long Beach junior college.
Plans and specifications may be obtained from the business manager of the board at 25th Street and Chestnut Ave., Long Beach, upon deposit of $25.00.
K. Cutter, 707 Farmers' and Merchants Bank Bldg., architect.

BIDS WANTED
LONG BEACH, Cal.—Until Sept. 11 4 P. M., bids will be received by the Long Beach board of education for the construction of units one and two at the Thomas A. Edison elementary school located on Maine Ave. between 6th and 7th Sts.
Plans and specifications may be obtained from the business manager of the board at 25th Street and Chestnut Ave., Long Beach, upon deposit of $25.00.
Earl R. Bobbe, Heartwell Building, Long Beach, architect, and V. W Bullock, 4710 Livingston Drive, Long Beach, structural engineer.

BIDS WANTED
TUCSON, Ariz.—Until Sept. 16, bids will be received by Regents of the University of Arizona, Tucson, for a new administration building and a women's gymnasium building to be built on the college campus in Tucson. Roy Place, 11 E Pennington St., Tuscon, architect.

LOW BIDDER
SAN PEDRO, Los Angeles Co., Cal. —Monolith Const. Co., 1698½ Cordova St., Los Angeles, submitted low bid to Los Angeles board of education at $349,222 for an administration building, home economics building and industrial arts building to be built at 1010 15th St., San Pedro district. G. B. Kaufman, 610 Union Bank Bldg., Los Angeles, architect.

Bids Wanted—To Close Sept. 24, 8 P. M.
SCHOOL Cost, $36,000
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
The date of opening bids was previously reported as Sept. 20.
Plans and specifications may be obtained from the architects and from Josephine Foley, Secretary of Board of Education, 1009 Santa Fe Avenue, Albany, upon deposit of $25.

Contracts Awarded.
DORMITORY Cont. Price, $355,650
SEATTLE, Wash. Campus of University of Washington.
Three - story and basement fireproof dormitory (250x318 feet) brick and cast stone exterior, oak floors, one elevator, four cast stone fireplaces kitchen, 4 dining rooms, 75 sleeping rooms, linoleum flooring.
Owner—State of Washington.
Architect—David J. Myers, 431 Central Bldg., and John Graham, Dexter-Horton Bldg., Seattle.
Contractor—Sheble Const. Co., Securities Bldg., Seattle.
Wiring—O. A. Carlson, 2212 Second Ave., Seattle, $28,420.
Kitchen Equipment—General Sheet Metal Co., 2012 Westlake, Seattle, $8,494.
Refrigeration—A. G. Rushlight, 407 SE Morrison, Portland, $5,572.
Plumbing and heating bids held under advisement.

Plans Completed.
GRAMMAR SCHOOL Cost, $45,000
HILMAR, Merced Co., Calif.
Grammar school building.
Owner — Elim Grammar School Dist. (L. C. Anderson, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Application will be filed with PWA for a loan and grant to finance the project.

Seek Funds
AUDITORIUM Cost, $110,000
CLOVIS, Fresno Co., Calif.
New high school auditorium (to seat 1,100).
Owner—Clovis Union High School District.
Architect—F. L. Swartz, Brix Building, Fresno.
Application will be filed with PWA for a loan and grant to finance the project.

BOND ELECTION.
SAN MATEO, San Mateo Co., —San Mateo Elementry School District will vote September 24 on a proposal to issue bonds in the amount of $43,000, proceeds to finance construction of a 1-story grammar school building in San Mateo.
Application has been filed with PWA for a grant of $15,000. Preliminary plans have been prepared by Architect Wm. H. Toepke. 126 2 St., San Francisco.

Contract Awarded.
RECONSTRUCT SCHOOL
Contract Price, $10
OAKLAND, Alameda Co., Calif. Nineteenth Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland, and Oakland Board of Education.
Contractor—K. E. Parker Co., 13 Park, San Francisco.
Complete bids published Aug.

September 5, 1

LOW BIDDER
SALINAS, Monterey Co., Calif. C. Carlsen, 336 Lincoln Ave., Sa at $3,600 submitted low bid to Sa High School District for adding classroom to present building. Butner, 51 Maple St., Salinas, tect. Bids held under advisemer

September 5, 1

LOW BIDDER
SALINAS, Monterey Co., Cal. bert Staton, 234 Congress Ave., cific Grove, at $3,948 submitted bid to Salinas High School Dist for changes at the high school. Butner, 51 Maple St., Salinas, tect. Bids held under advisemer

September 5, 1

Plans Being Prepared.
GYM. & SHOPS Cost, $
SELMA, Fresno Co., Cal. Camp Selma High School.
Gymnasium and shop buildings forced concrete construction
Owner — Selma Union High S District.
Architect—W. D. Coates, R Bldg., Fresno.

Seek Funds.
SCHOOL SURVEY Cost, $11
SAN LEANDRO, Alameda Co.,
Survey four groups of school buildings to determine necessary strengthening required to buildings comply with state earthquake law. (Lincoln, Washington, McKinley and Roosevelt Schools.
Owner—San Leandro School District (L. F. Sterner, President).
Engineer — H. J. Brunnier, Sh Bldg., San Francisco.
Application has been filed with PWA for a grant of $49,500.

Bids Rejected—Plans Being Rev
ADDITION Cost, $
SACRAMENTO COUNTY, Cal miles east of Sacramento.
One-story frame and stucco ad to elementary school (2 classr and assembly hall).
Owner — Arden Elementary Sch District.
Architect—Chas. F. Dean, Calif State Life Bldg., Sacrament
New bids will be asked in ab weeks. On previous bid opening est bid was submittel by Law Const. Co., 5273 9th St., Sacram at $26,350.

er, Project Superintendent, Fairfield, Mont., for constructing earthwork and rail lining for Pishkun Canal and the Sun River Slope Canal, Greenfields Division, Sun River Project, under Spec. No. 637. The work is located near August and Fairfield, Mont.

CONTRACT AWARDED

YUBA COUNTY, Cal.—Fred Knoop, Live Oak, at $0.165 per yard submitted low bid and awarded contract by the Board of Trustees of Reclamation District 817, Wheatland, for repairing two breaks in Bear River Levee of Reclamation Dist. 817. The work is located approximately ½ mile west of the Carlin Bridge across the Bear River on the Pleasant Grove Road near the boundary line of Yuba and Placer counties, and involves an earth fill of approximately 6,414 c.y.

Complete bids follow:

Fred Knoop, Live Oak, $0.165 per c.y.
Westreet & Bell, Marysville, $0.20.
. Rodolph, Yuba City, $0.57.

28—MACHINERY AND EQUIPMENT

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing four crawler type Diesel engine-driven dragline excavating machines, under Bid No. ER-509-36-16 were opened by the U. S. Engineer Office, 751 South Figueroa Street, Los Angeles, August 28.

The bids were taken as follows:

(1) fob Los Angeles;
(2) fob bidder's plant.

The unit bids were:

Tex Co., Inc. (Thew-Lorraine) (1) $2650; (2) $27,070 fob Lorraine, Ohio. Wt. 108,000 lbs. each. Deliveries, two units by Sept. 8, two units by Sept. 15. Alternate delivery, same machine with Waukesha-Hesselman motor, 2 weeks from receipt of order.

Smith Booth Usher Co., (Lima type) with 5-cylinder Superior Diesel motor) (1) $25,497.50; (2) $23,275. Wt. 120,000 lbs., shipping point, Lima, O. Deliveries, two at once, balance in 10 days at Lima. Alternate: (Waukesha-Hesselman 5-cylinder motor) (1) $23,-; (2) $20,915. Wt., 124,000 lbs. Deliveries: 1 unit in 8 days; balance in 10 days, at Los Angeles. Discount, 2% 20 days.

Northwest Engineering Co. (Northwest with 4-cylinder Fairbanks-Morse motor), (1) $24,706; (2) $22,825 fob Green Bay, Wis. Wt., 112,000 lbs. Deliveries at Los Angeles, two in five weeks, balance in 8 weeks. Alternate: Northwest model A with Fairbanks-Morse 5-cylinder motor, add $750 each on items (1) and (2). Deliveries: first 8 weeks, balance in 10 weeks. Terms 2% 15 days; net 30 days.

Marion Steam Shovel Co. (Marion with 5-cylinder Superior motor) (1) $30; (2) $25,350 fob Marion, Ohio. Wt. 124,500 lbs. Deliveries: two units in 60 days; balance in 50 days at Los Angeles. Terms 2%, 15 days; net 30 days.

Barnitschfeger Sales Corp., (P & H type 750-LC with Fairbanks - Morse motor) (1) $21,000; (2) no bid. Wt. 350 lbs. Delivery as specified.

Brook Co., (Bucyrus-Erie type 46-B with 4-cylinder Superior motor) (1) $25,115; (2) $28,755 fob Erie, Pa. Wt. 120,000 lbs. Deliveries, two units in 10 weeks, balance in 10½ weeks at Los Angeles. Alternate (Bucyrus-Erie with Buda full Diesel motor) (1) $26,365; (2) $26,315 fob Erie Pa. Deliveries, one unit in 14 days, one in 28 days, one in 28 days and one in 42 days at Los Angeles. Wt., 127,000 lbs. Discount 2%, 15 days.

Harron, Rickard and McCone Co. (Koehring model 801 with 6-cylinder Diesel motor) (1), $28,810.50; (2) $26,-890 fob Milwaukee, Wis. Wt. 118,800 lbs. complete. Deliveries, two units in 3 weeks, third unit in 4 weeks, fourth unit in 5 weeks at Milwaukee. Terms, 2%, 10 days.

BIDS OPENED

MINDEN, Nev.—Five firms submitted identical bids at $1,434 to State Purchasing Agent, Sacramento, Cal., under Req. No. 9038 for furnishing one 8-ft. leaning wheel grader, with scarifier, for use of Shop 10, State Division of Highways, to be delivered fob Minden, Nevada.

The following submitted bids: Sacramento Tractor & Equipment Co., Allis - Chalmers, Jenison Machinery Co., Galion; J. D. Adams Co., Adams; Austin-Western Machinery Co., Austin; Weaver-Rye Co., Caterpillar.

Identical discounts of 2% 30 days specified.

BIDS OPENED

SAN MATEO COUNTY, Cal.—Bids received by State Division of Highways, Jno. H. Skeggs, District Engineer, San Francisco, for furnishing rental of three pneumatic-tired trucks of 3½-yd. capacity to be used for approximately 1500 hours in San Mateo, Santa Cruz and Santa Clara counties:

A. C. Donaldson, Oakland, $2.05; L. N. Georgi, San Francisco, $2.17; Frank O'Shea, San Francisco, $2.20; Rock & Gravel Trucking Co., Oakland, $2.22; K. I. Dowdy, San Francisco, $2.34; San Bruno Feed & Fuel Co., $2.38; A. Morton, Menlo Park, $2.48; D. Gallager, San Francisco, and A. Nelson, San Francisco, $2.49; J. S. Baker, Burlingame, $2.70; Deysher and LaFargue, San Anselmo, and T. O'Brien, San Francisco, $2.73; C. W. Beguhl, Lomita Park, $2.87; Eugene Della Rosa, Martinez, and L. C. Karstedt, Watsonville, $3.00.

CONTRACT AWARDED

LOS ANGELES, Cal.—Garlinghouse Bros., Los Angeles, at $15,885.18 were awarded contract by the Los Angeles Water & Power Commission for furnishing a portable rock crushing and screening plant; Spec. No. 1758.

BIDS OPENED

SAN FRANCISCO. — Bids received by U. S. Forest Service, James Forster, Assistant Procurement Engineer San Francisco, for furnishing one Single Drum Truck Winch; Bid No. 665, for delivery at Oakland:

Gar Wood Industries, $403.50, discount, 2% 10 days.

Edward R. Bacon, $434 (by water shipment from Brooklyn) and $444.50 (rail shipment).

Kratz & McClelland, $472.00 (fob Brooklyn).

Graybar Electric Co., $553.

Nelson Trailer Co., $184.80 (alternate to equipment specified).

CONTRACT AWARDED

YUMA, Arizona.—Dravo Contr. Co., Neville Island, Pittsburgh, Pa., at $101,400 awarded contract by Bureau of Reclamation, Denver, Colo., under Spec. No. 631, for furnishing four 75x 23-feet roller gates with operating mechanisms for the All-American Canal Headworks, Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project.

29—STREETS AND HIGHWAYS

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until Sept. 16, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for the improvement of Stevens Creek Road from Saratoga Ave. to the Saratoga and Sunnyvale Road in Supervisor District No. 4.

The work involves:

(1) 377,700 sq. ft. asphaltic concrete;
(2) 45,000 tons asphaltic conc. base.

Plans and specifications obtainable from County Surveyor R. D. Chandler at a charge of $1.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until Sept. 16, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, Henry A. Pfister, Clerk, Court House, San Jose, for the improvement of Dupont St. from Park Ave. to San Carlos St. in Supervisor District No. 4 involving 22,512 sq. ft. of asphaltic concrete.

Plans and specifications obtainable from County Surveyor R. D. Chandler at a charge of $1.

CONTRACT AWARDED

TULARE COUNTY, Cal.—Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, 873 81st Ave., Oakland, at $144,792.95 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing a bituminous treated crushed rock base course on Sections D2 and D4 of Rte. 1, the Generals Highway, Sequoia National Park, and on Section A, General Grant - Sequoia Park Approach Road, Sequoia National Forest, Tulare County, a length of 13.323 miles.

Complete bids published Aug. 26.

BIDS WANTED

SIERRA COUNTY, Cal.—Until Sept. 25, 2 P. M., bids will be received by the State Highway Commission, Sacramento for about 0.12 mile grading in Sierra County at Downieville.

The work involves:

(1) 1.5 acres clearing and grubbing right of way;
(2) 140 M. gallons water;
(3) 6,500 c.y. rdwy. excav., unclass.;
(4) 1,000 c.y. structure excavation;
(5) 174,500 sta. yds. overhaul;
(6) 1,800 c.y. selected stone embankment;
(7) 7 stations finishing rdwy.;
(8) 86 l.f. 8-in. CMP;
(9) 16 each monuments stockpiled;
(10) 9 each monuments complete in place.

NOTE: The State will furnish CMP for use on this project as more explicitly set forth in the special provisions.

Plans and specifications obtainable from the above office and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

INYO COUNTY, Cal.—C. W. Wood, Box 49, Stockton, at $62,200 submitted low bid to the State Highway Commission, Sacramento, for road-mix surface treatment on about 34 miles in Inyo County between Panamint Sink and the county line, involving:

(1) 2,675 tons liquid asphalt, SC-2;
(2) 50,000 sq. yds. preparing, mixing, and shaping roadbed.

Total bids follow:

(A) C. W. Wood, Stockton, $62,200.
(B) J. C. Compton, McMinnville, Ore., $64,355.00.
(C) Basich Bros., Torrance, $66,525.
(D) Oilfields Trucking Co., Bakersfield, $72,040.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$14.00	$14.60	$15.00	$14.06
(2)	.045	.046	.048	.626

BIDS WANTED

WASHOE & STOREY COUNTIES, Nevada—Until September 19, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Washoe and Storey Counties, Route 17, Section A, between a point approximately 8 miles southeast of Brown and a point approximately 5 miles southeast of Browns (Geiger Grade), a length of about 3 miles.

The work involves:

(1) 114,100 cu. yds. rdwy. excavation;
(2) 105,999 sta. yds. overhaul;
(3) 370 cu. yds. structure excavation
(4) 3 miles finishing roadway;
(5) 15 cu. yds. Class B concrete;
(6) 220 cu. yds. cement rubble masonry;
(7) 220 lin. ft. 18-in. CMP;
(8) 36 lin. ft. 24-in. CMP;
(9) 90 lin. ft. 30-in. CMP;
(10) 160 lin. ft. 36-in. CMP;
(11) 124 each monuments;
(12) 2400 lbs. castings.

Plans and specifications obtainable from the above office upon deposit of $5, of which abount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

BIDS WANTED

HUMBOLDT COUNTY, Nevada—Until September 19, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Humboldt County, Route 8, Section C, between Paradise Hill and Orovala, a length of approximately 18.6 miles.

The work involves:

(1) 362 lin. ft. remove culvert pipe;
(2) 129 each remove culvert headwalls;
(3) 94,400 cu. yds. roadway excav.;
(4) 40,758 sta. yds. overhaul;
(5) 9716 cu. yds. select borrow;
(6) 24,739 cu. yds. imported borrow;
(7) 1320 cu. yds. structure excav.;
(8) 18.56 mi. subgrade;
(9) 18.56 mi. finish roadway;
(10) 71,900 tons crushed gravel or stone surface;
(11) 2065 M. gals. water;
(12) 80 cu. yds. Class A concrete;
(13) 215 cu. yds. Class B concrete;
(14) 13,000 lbs. reinforcing steel;
(15) 24 lin. ft. 15-in. CMP;
(16) 1216 lin. ft. 18-in. CMP;
(17) 858 lin. ft. 24-in. CMP;
(18) 318 lin. ft. 30-in. CMP;
(19) 364 lin. ft. 36-in. CMP;
(20) 68 lin. ft. relay culvert pipe;
(21) 80 each, monuments.

Plans and specifications obtainable from above office upon deposit of $5, of which amounts $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco. *

CONTRACT AWARDED

NEVADA, Placer and Butte Counties, Cal.—Hayward Building Material Co., Atherton and Jackson Sts., Hayward, at $13,263.50 awarded contract by the State Highway Commission at Sacramento for treating about 18.8 miles with Class A and B seal coat at various points in Nevada, Placer and Butte Counties.

CONTRACT AWARDED

BUTTE, Yolo, Colusa and El Dorado Cos., Cal.—Hayward Bldg. Materials Co., Atherton and Jackson Sts., Hayward, at $13,870.45 awarded contract by the State Highway Commission, Sacramento, for treating about 27.1 miles with Class A, B and C seal coat at various points in Butte, Yolo, Colusa and El Dorado Counties.

CONTRACT AWARDED

SACRAMENTO CO., Calif. — Edwin Anderson, 209 Post St., San Francisco at $2,509.50 awarded contract by the State Highway Commission, Sacramento, for applying traffic stripe at various locations on about 420 miles of existing pavement in Placer, Sacramento, Yuba, Sutter, Butte, Yolo, Colusa, Glenn, El Dorado and Nevada Counties.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Square Oil Co., Inc., 916 Adobe St., Los Angeles, at $5,978 awarded contract by the State Highway Commission, Sacramento, for oil treatment in San Diego County between Julian and twenty-five miles easterly.

CONTRACT AWARDED

LEWIS AND PACIFIC COS., Wash. —H. P. Dorsey, 2006 State St., Bellingham, at $49,146, submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete about 1 mile of State Road No. 12 in Lewis and Pacific Counties.

CONTRACT AWARDED

YAKIMA COUNTY, Wash.—Romano Engineering Corp., 1300 Dearborn St., Seattle, at $107,952 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for surfacing and constructing a bituminous macadam surface on about 12.9 miles of State Road No. 5, Oak Flat to Nelson Bridge, Yakima Co.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until Sept. 16, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, E. O. Sullivan, District Engineer, 247 3rd St., San Bernardino, for about 6 miles of liquid asphalt treatment in San Bernardino County between 3.8 miles and 9.8 miles easterly of the westerly boundary on the Big Pines Road.

The work involves 145 tons liquid asphalt, SC-2, in place.

Plans and specifications obtainable from the above office.

Cash or certified or cashier's check, 10%.

BIDS WANTED

INYO COUNTY, Cal. — Until Sept. 17, 2 P. M., bids will be received by the Division of Highways, S. W. Lowden, District Engineer, Bishop, for 17.8 miles of liquid asphalt treatment in Inyo County, between the east boundary of Death Valley National Monument and 0.5 mile south of Death Valley Junction.

The work involves:

(1) 350 tons liquid asphalt, SC-3.

Plans and specifications obtainable at above office. Cash or certified or cashier's check, 10%.

CONTRACT AWARDED

CHELAN COUNTY, Wash. — Fred G. Redmon, 303 S. Fifth St., Yakima, at $48,286 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for surfacing with crushed stone about 9.5 miles of State Road No. 15, Summit to Crescent City, Chelan County.

BIDS OPENED

SAN LUIS OBISPO COUNTY, Cal —E. L. Yeager, P. O. Box 470, San Bernardino, at $15,416.80 submitted low bid to the State Highway Commission, Sacramento, for applying seal coat on about 21.2 miles in San Luis Obispo County between Estrella River and the easterly boundary, involving:

(1) 232 tons liquid asphalt, ROMC-
(2) 2,250 tons screenings.

Total bids follow:

(A) E. L. Yeager, San Bernardino $15,416.80.
(B) L. A. Brisco, Arroyo Grande, $16 187.58.
(C) Walter B. Roselip, San Luis Obispo, $16,610.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$19.90	$19.44	$20.00
(2)	4.80	5.19	5.3

CONTRACT AWARDED

FERRY COUNTY, Wash.—C. E. O'neal, Stevenson, Wash., at $72,757 (metal pipe alternate) awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for grading 3.3078 miles of the Republic-Kettle Falls highway, Project NR-20C, located within the Colville National Forest, Ferry County, Wash.

CONTRACT AWARDED

LINN COUNTY, Oregon. — McNutt Bros., Eugene, Ore., at $107,086 (metal pipe alternate) awarded contract by Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 2.272 miles grading and 6.726 miles subgrade reinforcement on the Santiam highway, Project 23-G2,H2, I1, J, Willamette National Forest, Linn County, Oregon.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until Sept. 10, bids will be received by Mendocino County Bd. of Supervisors, Court House, Ukiah, for realignment of a portion of the Leggett Valley-Rockport Road.

The work involves:

(1) 15 acre clearing Redwood stumps and brush;
(2) 50,000 c.y. unclass. excav.;
(3) 1, 60-ft. piled bridge, floor system to be of hewn lumber with sawed lumber railing;
(3a) (Alt.) 1 60-ft. piled bridge, all sawed lumber;
(4) moving sheep shearing shed (18x 20-ft.) a distance of 20-ft.;
(5) installing 514 l.f. 8- to 18-in. culvert (culvert to be furnished by county).

E. H. Smith, county surveyor.

CONTRACT AWARDED

LINCOLN and Tillamook Cos., Ore. —E. L. Gates, McCredie Springs, Ore., at $136,630 awarded contract by the Bureau of Public Roads, W. H. Lynch Dist. Engineer, Portland, for 13.5305 miles grading on the Salmon River Highway Project 2-A3, B4, C3, National Forest Road located within the Siuslaw National Forest, Lincoln and Tillamook Counties, Ore.

CONTRACT AWARDED

LANE COUNTY, Oregon.—Colonial Const. Co., W. 326 First St., Spokane, Wash., at $165,390 (metal pipe) awarded contract by the Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for grading and advance clearing of Project 21-H1, I, Willamette National Forest Highway, Lane County. The length of the project is 1.256 miles grading and 0.657 mile advance clearing.

CONTRACT AWARDED

CALAVERAS and Alpine Counties, Cal.—Hayward Building Material Co., Atherton and Jackson Sts., Hayward, a $7,659 awarded contract by the State Highway Commission, Sacramento, for applying liquid asphalt on about 24.6 miles between Dorrington and Hermit Valley in Calaveras and Alpine Counties.

CONTRACT AWARDED

MODOC COUNTY, Cal.—J. A. Casson, 319 Warren St., Hayward, at $29-698.80 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for 20.699 miles of bituminous treatment on Section A of Federal Lands Highway Project No. 6, Lava Beds, Modoc County, and on Sections B and C of Route 11, the Lava Beds National Forest Highway, Modoc County.

COMPLETE BIDS

SAN DIEGO CO., Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $23,354.25 submitted low bid to State Division of Highways, C. H. Purcell, Chief Engr., Los Angeles, for about 2.4 miles applying plant-mix surfacing (medium curing type) constructing shoulder and applying road-mix surface treatment thereon.

The work involves:
(1) 100 M. gals. water;
(2) 2,900 c.y. imported borrow;
(3) 125 stations finishing rdwy.;
(4) 3,700 tons mineral aggregate plant-mixed surfacing;
(5) 185 tons liquid asphalt MC-5 or MC - extra heavy plant mixed surfacing;
(6) 27,700 sq. yds. asph. paint binder;
(7) 65 tons liquid asphalt, SC-2;
(8) 9,750 sq. yds. preparing, mixing, and shaping shoulders.

The bids were:

R. E. Hazard & Sons: (1) $2.50; (2) $.80; (3) $10; (4) $3.95; (5) $18; (6) $.04; (7) $12; (8) $.075; total $24,354.25.

V. R. Dennis Const. Co.: (1) $2; (2) $.70; (3) $8; (4) $4.25; (5) $19.50; (6) $.04; (7) $13.50; (8) $.05; total $25,-035.50.

Daley Corp.: (1) $2.50; (2) $.05; (3) $10; (4) $4.40; (5) $19; (6) $.03; (7) $12.50; (8) $.05; total $25,311.00.

BIDS WANTED

SHASTA CO., Cal.—Until Sept. 24, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for grading and placing subgrade reinforcement on 0.883 miles of Section H of Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta Co.

The work involves:
(1) 7 acres clearing;
(2) 6,200 c.y. unclass. excav.;
(3) 50 c.y. do for structures;
(4) 10,400 c.y. do for borrow;
(5) 150 sta. yds. overhaul;
(6) 6,100 c.y. mi. borrow haul;
(7) 1,600 c.y. subgrade reinforcement.
(8) 400 M. gals. watering;
(9) 310 l.f. CMP;
(10) 12 c.y. concrete;
(11) 300 lbs. reinforcing steel;
(12) 10 each, culvert markers;
(13) 12 each, right of way monuments.

Plans and specifications obtainable from the above office upon deposit of $10.00.

CONTRACT AWARDED

PLUMAS CO., Cal.—Hemstreet and Bell, 501 Eleventh St., Marysville, at $53,916 awarded contract by Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for 1.-823 miles grading Section B of Route 30, the Almanor National Forest Highway, Plumas National Forest, Plumas County.

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Sept. 17, 10 A. M., bids will be received by the Berkeley City Clerk for improving Tunnel Road from Domingo Avenue easterly.

Work involves:
(1) 125 c.y. grading;
(2) 10 c.y. grading below subgrade;
(3) 300, c.y. crusher-run base;
(4) 260 c.y. bituminous macadam pavement;
(5) 1500 c.y. asphalt concrete surf.;
(6) 1100 sq. ft. brick sidewalk relay;
(7) 2000 sq. ft. concrete sidewalk;
(8) 450 sq. ft. concrete driveway, reconstruct;
(9) 2460 l.f. concrete curbs and gutters;
(10) 740 l.f. highway guard fence;
(11) 12 curb inlets;
(12) 1 catchbasin, reconstruct;
(13) 205 l.f. 10-in. corru. iron pipe culvert;
(14) 100 l.f. 12-in. do;
(15) 110 l.f. 15-in. do;
(16) 300 l.f. conduit and cables, remove and relay;
(17) 100 l.f. new conduit in place;
(18) 100 l.f. new cable in place.

Plans and specifications may be obtained from the City Engineer upon deposit of $10.00.

CONTRACT AWARDED

PIERCE COUNTY, Wash.—Warren Northwest, Inc., P. O. Box 5072, Portland, at $24,423 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with portland cement concrete and resurfacing the existing concrete pavement with asphaltic concrete in about 0.6 mile of State Road No. 1, Sales Road to south corporate limits of Tacoma.

BIDS OPENED

SONOMA COUNTY, Calif. — E. A. Forde, 640 Redhill Ave., San Anselmo at $5,485 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying Class B seal coat on about nine miles of existing roadbed in Sonoma County, between the easterly boundary and nine miles westerly.

The work involves:
(1) 115 tons liquid asphalt, 90-95;
(2) 1,350 tons screenings.

Complete bids follow:

E. A. Forde, San Anselmo: (1) $16; (2) $2.74; (3) total, $5,485.

Ransome Co., Emeryville, (1) $17.-40; (2) $2.67; (3) $5,605.30.

Lee J. Immel, Berkeley: (1) $17; (2) $2.80; (3) $5,735.

Palo Alto Road Materials Co., Palo Alto: (1) $20; (2) $2.62; (3) $5,837.

Helwig Const. Co., Sebastopol: (1) $24.50; (2) $2.77; (3) $6,827.

A. Teichert and Son, Inc., Sacramento: (1) $21.90; (2) $3.22; (3) $6,-865.50.

BIDS OPENED

TUOLUMNE COUNTY, Cal.—M. J. B. Construction Co., 319 Elks Bldg., Stockton, at $72,733.63 submitted low bid and recommended for award of contract by Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing crushed gravel base course on Section C of Route 38, Sonora Pass National Forest Highway, and placing a crushed gravel bituminous treated surfacing on Section A of Route 83, Pine Crest National Forest Highway, Stanislaus National Forest, Tuolumne Co., a length of 7.206 miles.

The work involves:
(1) 1,000 c.u. unclass. excav.;
(2) 650 c.y. subgrade excav.;
(3) 1,900 s.y. unclass. excavation for borrow;
(4) 680 c.y. do for structures;
(5) 1,450 c.y. mi. borrow haul;
(6) 725 c.y. gravel subgrade backfill.
(7) 9,500 c.y. gravel subgrade reinf.;
(8) 26,850 tons crushed gravel base course;
(9) 1,500 tons crushed gravel surface course;
(10) 300 tons supple. crushed gravel, 1¼-in. maximum;
(11) 575 tons do, ½-in. maximum;
(12) 1,870 M. gals. watering;
(13 162 tons liquid asph. road material, Type SC-2;
(14) 90 tons do, Type MC-2;
(15) 0.969 miles mixing and rolling bituminous treated surfacing;
(16) 2,030 l.f. 8-in. perforated CGMP;
(17) 130 l.f. 8-in. CGMP;
(18) 24 l.f. 12-in. do;
(19) 34 l.f. 18-in. do;
(20) 500 c.y. underdrain backfill;
(21) 480 s.y. mortar backfill;
(22) 0.66 c.y. Class B concrete;
(23) 7 lbs. reinforcing steel;
(24) 76 culvert markers;
(25) extra work, sanding asph. material;
(26) extra work, obliterating old roads
(27) extra work, one-way traffic control.

Total bids follow:
(A) M.J.B. Construction Co., Stockton, $72,733.63.
(B) E. B. Bishop, Orland, $79,165.75.
(C) Hemstreet and Bell, Marysville, $79,239.35.
(D) A. Teichert & Son, Inc., Sacramento, $103,209.20.
(E) Engineer's estimate, $73,891.45

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ .65	$ 1.50	$ 1.00	$ .75
(2)	1.00	.65	1.00	.75	1.00
(3)	.46	.45	.60	.50	.45
(4)	2.00	2.00	2.50	2.50	2.50
(5)	.20	.20	.25	.20	.20
(6)	3.00	1.00	4.00	2.50	2.00
(7)	1.00	1.25	.90	2.35	1.00
(8)	1.25	1.50	1.46	1.90	1.50
(9)	2.70	1.65	2.75	2.25	1.60
(10)	2.70	1.40	1.46	1.90	1.30
(11)	3.96	2.00	2.25	2.50	1.50
(12)	2.00	2.50	2.00	2.50	2.00
(13)	20.00	25.00	20.00	22.50	19.00
(14)	28.40	30.00	30.00	30.00	24.00
(15)	528.00	1000.00	1200.00	1000.00	500.00
(16)	1.25	1.50	1.25	1.25	1.10
(17)	1.25	1.75	1.25	1.25	1.00
(18)	1.65	2.00	1.65	1.75	1.50
(19)	2.30	2.50	2.00	2.50	2.00
(20)	3.40	2.00	4.00	3.00	2.50
(21)	.25	.50	.40	.90	.30
(22)	40.00	50.00	50.00	.50	40.00
(23)	.10	.25	.10	.10	.15
(24)	2.60	4.00	3.00	2.50	2.00
(25)	300.00	300.00	300.00	300.00	300.00
(26)	500.00	500.00	500.00	500.00	500.00
(27)	400.00	400.00	400.00	400.00	400.00

CONTRACT AWARDED

SHASTA COUNTY, Cal.—Hemstreet & Bell, 501 11th St., Marysville, at $10,469 awarded contract by the State Highway Commission, Sacramento, for about 0.1 mile grading and surfacing with road-mix surfacing on crusher-run base in the City of Redding, between Court and California Streets.

CONTRACT AWARDED

STEVENS COUNTY, Wash.—N. A. Degerstrom, 15 E-Thirty-second St., Spokane, at $64,559 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and surfacing with crushed stone about 5.5 miles of State Road No. 22, Stevens County.

CONTRACT AWARDED

BUTTE and Tehama Cos., Cal.—L. F. Piazza, 296 N Sixth St., San Jose, at $16,939.91 awarded contract by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for placing subgrade reinforcement on portions of Sections F and G of Rte

21, the Deer Creek Meadows National Forest Highway, Lassen National Forest, Butte and Tehama Counties.

BIDS REJECTED

TRINITY COUNTY, Calif. — State Highway Commission, Sacramento, rejected the only bid received, that of the Tiffany Const. Co., 535 N 7th St., San Jose, at $5,577 for treating with liquid asphalt about 7.9 miles between Manzanita Creek and Helena in Trinity County.

The project will be readvertised.

CONTRACT AWARDED

CHELAN COUNTY, Wash.—Toney Romano, 1833 Dearborn St., Seattle, at $54,784 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading and paving with Portland cement concrete about 1.2 miles of State Road No. 2, Austin Revision in Chelan County.

30—RESERVOIRS & DAMS

BIDS OPENED

ST. HELENA, Napa Co., Cal.—Harold Smith, 1427 Kearny St., St. Helena, at $1.50 per cubic yard (total $2,250) submitted only bid received by City Council for removing 1500 cu. yds. of porous material from the Lower Dam of the Municipal Water Supply System and replacing it with clay.

The council rejected the bid and voted to do the work by day-labor. Mr. Smith was employed to supervise the project.

CONTRACT AWARDED

BOULDER CITY, Nevada.—Hardie-Tynes Mfg. Co., Birmingham, Ala., at $152,000 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 629, for furnishing two 168-inch diameter butterfly valves and two butterfly valve bulkheads for installation in Boulder Power Plant.

CONTRACT AWARDED

CASPER, Wyo.—Winston Bros. Co., Minneapolis, at $2,194,007 awarded the contract by Bureau of Reclamation for constructing Seminoe Dam and Power Plant, Casper-Alcova Project; Spec. No. 630. The bids were opened July 22nd.

Bidding with Winston Brothers, as partners, were Utah Const. Co., Ogden; Bechtel Co., San Francisco; Morrison-Knudsen Co., Boise, and Henry J. Kaiser Co., Oakland.

AGREEMENT VALID

LOS ANGELES, Cal. — A supplemental agreement for construction of the re-designed San Gabriel Dam No. 1 was approved by the Los Angeles Superior Court in a test suit brought by West Slope Construction Co., general contractors, against the county flood control district.

According to the revised plan the dam will cost $13,033,532.36. As the contractors have already been paid $3,632,605.82, the cost to complete under the new design will be $9,400,-926.54.

Judge Murray, who decided the case, declared that the new agreement was justified because of conditions unforseen at the time the original agreement was executed.

The contractors state that work will start at once.

EXTRA WORK AUTHORIZED

EUREKA, Humboldt Co., Calif.—City Council has authorized additional excavation at the Mid River site for the city's water supply project by T. E. Connolly-Hanrahan Co., general contractor. Required excavation for the dam was estimated originally at 27,000 cbuic yards. One additional extra-work order for 20,000 yards has been approved and the council has authorized another 20,000 yards of material removed subject to PWA ocurence. The agreed price is 20c a yard.

The additional work is occasioned by slides.

SUB-CONTRACT AWARDED

LOS ANGELES, Cal.—Broderick & Gordon, Indio, have been awarded a sub-contract by Griffith Co., general contractor, for the construction of the diversion tunnel and the outlet tunnel, Schedules 1 and 2, in connection with the contract for building the Cajalco dam dike and reservoir in Riverside County; Spec. No. 112. The general cotractor's total bid price was $4,646,856.50, and on Sched. 1, $200,790, and Sched. 2, $390,933.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

KERN COUNTY, Cal.—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at approximately $20,000 has been awarded contract by Standard Oil Company of California, 225 Bush St., San Francisco, for removal of pipe from the company's lines near Lost Hills, Kern County.

PLANNED

SAN LUIS OBISPO CO., Calif.—Standard Oil Company of California has applied to War Department for permit to install a 12-inch submarine pipe line extending from the sea end of an existing 18-inch line about 2600 feet to the company wharf at Estero Bay, approximately 3 miles north of the town of Morro.

Drawing, showing the location and plan of the proposed installation may be seen at the office of Major Theodore Wyman, Jr., U. S. District Engineer, 751 South Fingeroa St., Los Angeles, until 11 A. M., September 9. Interested parties are invited to inspect the drawing and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests, that they may have to said installation. Objections based on other than navigation interests cannot be considered.

Company plans to lay the pipe line with its own forces.

CONTRACT AWARDED

SANTA CLARA & San Mateo Cos., Cal.—Youdall Const. Co., Matson Bldg. San Francisco, awarded contract by Pacific Gas & Electric Co., 245 Market Street, San Francisco, for laying about 31.5 miles of 22-in. welded steel pipe line between the San Francisco-San Mateo county line at Junipero Serra boulevard and a point near Palo Alto.

The line is a section of a 45-mile pipe line between Milpitas terminal of the Kettleman Hills natural gas supply line and San Francisco. The company has not awarded a contract for the balance of the line and may do the work with its own forces.

Work is to start immediately, to be completed in 90 days.

A contract has been awarded Western Pipe & Steel Co., 444 Market St., San Francisco, for fabricating 8,600 tons of 22-inch electric welded steel pipe at a cost of approximately $800,-000. Total cost of the line is estimated at $1,500,000.

PLANNED

SAN LUIS OBISPO CO., Calif.—Standard Pipe Line Company has applied to War Department for permit to install an 8-inch submarine pipe line extending from the sea end of an existing 16-inch line about 1850 feet to the Standard Oil Company wharf at Estero Bay, approximately 3 miles north of the town of Morro.

Drawing showing the location and plan of the proposed installation may be seen at the office of Major Theo. Wyman, Jr., U. S. District Engineer, 751 S. Figueroa St., Los Angeles, until 11 A. M., September 9. Interested parties are invited to inspect the drawing and to submit in writing, in triplicate, on or before said date, any objections based on navigation interests, that they may have to said installation. Objections based on other than navigation interests cannot be considered.

Company plans to lay the pipe line with its own forces.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SAN FRANCISCO. — Bids received by T. A. Brooks, Purchasing Agent, for furnishing 45 eight-inch air valves for the San Francisco Water Department; Spec. No. 1428:

San Francisco Water Department, $18.61 each; total, $837.45.

M. Greenbergs Sons, $24.25 each, $1123.99 total.

Union Machine Co., $3195 each; $1-408.88 total.

Crane Co., $34.50 each; $1599.07 total.

Pelton Water Wheel Co., $36.30 ea.; $1682.50 total.

Bethlehem Shipbuilding Corp., $42 each; $1946.70 total.

Joshua Hendy Iron Works, $49 ea.; $2271.15 total.

DAY-LABOR PROJECT

SAN MATEO, San Mateo Co., Cal.—City Council has authorized construction by day-labor with purchase of materials in the open market of a 12-inch vitrified pipe sanitary sewer with brick manholes and cast iron frames and covers at the following locations:

(a) In El Camino Real from an existing manhole at State Street to Barriolhet Avenue;

196

Long Term

Home Loans

Federal Insured Mortgage Plan

Homes covered by these loans can be bought on a small down payment, *without second mortgage financing*. Buyer has up to 20 years to repay in uniform monthly installments, like rent.

Inquire at our nearest office.

AMERICAN TRUST COMPANY

Since 1854

Commercial Banking : Savings : Trust

(b) In Barriolhet Avenue from El Camino Real to Greenwood Avenue;
(c) In Greenwood Avenue, from Barriolhet Avenue to Crescent Ave.;
(d) In Warren Road from Crescent Avenue to Dorchester Road;
(e) In Dorchester Road from Warren Road to an existing manhole near Clark Drive.

33— WATER WORKS

FUNDS ALLOTTED

TACOMA, Pierce Co., Wash.—PWA has granted $243,000 for replacement, betterment and extension of the municipal water supply system. Additional $297,000 will be required for project planned.

BIDS OPENED

REDDING, Shasta Co., Cal.—Following bids received by U. S. Forest Service for furnishing one Redwood water tank, 10,000 gallon capacity, to be delivered at Redding. Bid No. 2946:

Redwood Mfgrs.,	Pittsburgh	$125.80
	Redding	143.80
George Windler, S. F.		125.80
	Redding	136.88
Atlas Tank Mfg. Co., S. F.		125.80
	Redding	136.88
Baker Hamilton & Pacific, S. F.		138.00
	Redding	.....
Eureka Mill & Lmbr. Oakland		140.00
	Redding	155.00

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm 270, City Hall, for furnishing two Venturi Meters; Bid No. 1433.

Specifications and proposal forms on application to above.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN FRANCISCO.—Wickwire Spencer Steel Co., 101 Townsend Street at $32.39 awarded contract by Department of Public Works for repairing chain link fence at the Grant School, Pacific Ave. and Broderick St. Complete bids published August 22.

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Santa Paula, for seeding and planting the grounds at the post office, Santa Paula.

BIDS WANTED

TORRANCE, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Torrance, for seeding and planting grounds at the U. S. Post Office, Torrance.

September 4, 1935

BIDS OPENED

RENO, Nevada—Carl Pieper, Salt Lake City, Utah, at $442 submitted low bid to Custodian, U. S. Post Office, Reno, for seeding and planting the grounds at the U. S. Post Office, Reno. Complete bids follow:

Carl Pieper, Salt Lake City, Utah, $442.
Charles Keel, Reno, Nevada, $475.
J. H. Reeve, Reno, Nevada, $1195.
Walter A. Hoff Landscape Organization, Palo Alto, $1187.
J. P. Schopper, Rneo, Nevada, $1497.
California Nursery Co., Niles, Calif., $2618.46.

CONTRACT AWARDED

OAKLAND, Calif.—P. M. Henning, 5228 Lawton St., Oakland, at $4,849 awarded contract by Claremont Country Club for constructing tennis courts at the Claremont County Club, Oakland. Plans prepared by Architect John J. Donovan, 950 Parker St., Berkeley.

BIDS WANTED

WALLA WALLA, Wash.—Bids are being received by the Custodian, U. S. Post Office, Walla Walla, for seeding and planting the grounds at the U. S. Post Office at Walla Walla.

BIDS WANTED

PORTLAND, Ore. — Bids are being received by the Custodian, Custom House, Portland, for painting and repairs to the Custom House at Portland.

BIDS WANTED

NOGALES, Ariz. — Bids are being received by the Custodian, Immigration Station, Nogales, for seeding and planting the grounds at the Immigration Station, Nogales.

BIDS WANTED

HILLSBOROUGH, Ore. — Bids are being received by the Custodian, U. S. Post Office, Hillsboro, for seeding and planting the grounds at the post office, Hillsboro.

CONTRACTS AWARDED

OAKLAND, Cal.—W. H. Larson, 432 Michigan Avenue, Berkeley, at $1,562 awarded contract for surfacing tennis courts, and Wickwire Spencer Co., 101 Townsend St., San Francisco, at $1,056 awarded contract for fencing by the Oakland Playground Directors for tennis courts and fencing at the Brookdale Plaza, Oakland. Complete bids published August 22.

BIDS WANTED

ORANGE, Orange Co., Calif.—Bids are being received by the Custodian, U. S. Post Office, Orange, for seeding and planting the grounds at the U. S. post office at Orange.

BIDS WANTED

SAN FERNANDO, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, San Fernando, for lawn sprinkling system at the Post Office. San Fernando

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Roseville, for planting and seeding grounds at the Post Office, Roseville.

35— TUNNELS

CONSULTANT ENGAGED

OAKLAND, Alameda Co., Cal.—J. B. Lippincott, consulting engineer of Los Angeles, has been engaged by Board of Directors of Joint Highway District No. 13 to make a special report on design and construction of the Broadway low-level tunnel.

September 5, 1935

CONTRACTS MODIFIED

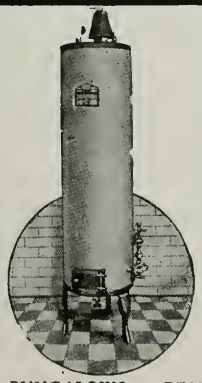
LOS ANGELES, Cal.—Board of directors of Metropolitan Water District has approved changes in contracts with the Griffith Company and Dravo Contracting Company, contractors on a section of the conduit and the Valverde tunnel, respectively. The agreement with the Griffith Company adds construction of 750 feet of open approach cut to that company's contract at a cost of $50,407 and with the Dravo Company eliminates 750 ft. of tunneling with a deduction of $82,417.

BIDS OPENED

LEWIS COUNTY, Wash.—Elliott Constr. Co., 2155 Northlake St., Seattle, at $189,026 submitted low bid to the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 Nek Post Office Bldg., Portland, August 30, for grading and constructing tunnel on 1.216 mi. Project 4-CS of Mt. Rainier National Park, Stevens Canyon Highway, Lewis County, Wash.

Complete bids follow:

Elliott Constr. Co., Seattale	$189,026
Colonial Constr. Co., Spokane	194,085
Myers & Goulter, Seattle	194,979
Sam Orino, Bonneville	198,496
Rumsey & Co., Seattle	200,080
Romano Engrg. Corp., Seattle	207,063
Joplin & Eldon, Portland	211,841
P. L. Crooks, Portland	219,118
A. C. Greenwood, Portland	269,810



ATLAS

Automatic Storage Water Heater

The *Atlas Automatic Water Heater* has been awarded the Seal of Approval by The American Gas Association's national testing laboratory in Cleveland.

ECONOMICAL

Snap action thermostat brings full flame on at once when water drops below set temperature. Snaps burner off again when boiler is full of hot water. The heating chamber entirely surrounds the boiler so that every possible heat unit created by the flame is transmitted to the water. The highest quality insulating material known today keeps the heat in and the cold out.

BUNGALOWS RESIDENCES APARTMENTS HOTELS

Atlas Heating & Ventilating Co., Ltd.

EVERYTHING IN HEATING

557-567 FOURTH STREET
SAN FRANCISCO
Phone DOuglas 0377

1451 32nd STREET
OAKLAND
Phone LAkeside 1266

STATE HIGHWAY AWARDS

Following are principal State Highway construction contracts (exceeding $10,000) awarded in the states of California, Arizona, Oregon, Washington, Utah, Idaho in the four week period ending Sept. 5:

Constructing Authority	Contract	Contractor	Bid	Date Awarded
California Highway Commission	1 Mile Surfacing, El Dorado Co.	M. J. B. Const. Co., Stockton	$ 13,915.00	Aug. 12
California Highway Commission	1.3 Miles Paving and Bridge, San Bernardino County	Griffith Co., Los Angeles	$ 90,420.00	Aug. 12
Washington Highway Commission	11 Miles Surfacing and Trestles, Grays Harbor County	L. Coluccio & Co., Seattle	$160,623.00	Aug. 13
Washington Highway Commission	Cable and Metal Guard Rail, Yakima and Kittitas Cos.	Sather & Sons, Seattle	$ 31,035.00	Aug. 13
California Highway Commission	48.9 Miles Seal Coat, Marin Co	Pacific Truck Service, San Jose	$ 12,559.00	Aug. 15
California Highway Commission	30.8 Miles Seal Coat, San Bernardino County	C. O. Sparks, Los Angeles	$ 14,025.00	Aug. 15
California Highway Commission	66.7 Miles Seal Coat, Riverside County	C. O. Sparks, Los Angeles	$ 10,135.00	Aug. 15
California Highway Commission	1.4 Miles Paving, Los Angeles County	geles	$ 39,913.00	Aug. 15
Idaho Bureau of Highways	17.8 Miles Bituminous Surfacing Benewah County	Triangle Const. Co., Spokane, & Warren Northwest, Portl'd.	$189,616.00	Aug. 17
Idaho Bureau of Highways	12.5 Mi. Gravel Surfacing, Valley County	Robinson Const. Co., Twin Falls	$ 45,525.00	Aug. 17
Idaho Bureau of Highways	3.17 Miles Gravel Surfacing, etc. Cassia County	D. J. Cavanagh, Twin Falls	$ 26,208.00	Aug. 17
Idaho Bureau of Highways	12.67 Mi. Bituminous Surfacing, Adams County	Morrison-Knudsen Co. Boise	$ 53,839.00	Aug. 17
California Highway Commission	Drainage Structures, El Dorado County	Harms Bros., Sacramento	$ 18,626.00	Aug. 21
California Highway Commission	Drainage Structures, Nevada & Placer Counties	Harms Bros., Sacramento	$ 35,981.00	Aug. 21
California Highway Commission	46 Miles Asph. Treatment, San Diego County	Paulsen & March, Los Angeles	$ 12,318.00	Aug. 21
California Highway Commission	4.6 Miles Treating Shoulders Los Angeles County	Oswald Bros. Los Angeles	$ 9,940.00	Aug. 29
California Highway Commission	Gravel Production, Modoc Co.	Hemstreet and Bell, Marysville	$ 10,200.00	Aug. 29
Utah Highway Commission	5.109 Miles Resurfacing, Cache County	Olof Nelson, Logan	$ 96,859.48	Aug. 26
Utah Highway Commission	0.347 Mile Paving, Salt Lake & Tooele Counties	Mullins and Wheeler, Salt Lake City	$ 16,178.09	Aug. 26
Washington Highway Commission	0.6 Mile Pave and Resurface, Pierce County	Warren Northwest, Inc., Portland	$ 24,423.00	Sept. 3
Washington Highway Commission	5.5 Miles Grade and Surface, Stevens County	N. A. Degerstrom, Spokane	$ 64,559.00	Sept. 4
California Highway Commission	0.1 Mile Grade and Surface Shasta County	Hemstreet and Bell, Marysville	$ 10,469.00	Sept. 4
California Highway Commission	24.6 Miles Asphalt Treatment, Calaveras and Alpine Cos.	Hayward Bldg. Material Co., Hayward	$ 7,659.00	Sept. 4
Washington Highway Commission	1.2 Miles Grade and Pave, Chelan County	Tony Romano, Seattle	$ 54,784.00	Sept. 4
California Highway Commission	18.8 Miles Oil Treatment, Nevada, Placer & Butte Cos.	Hayward Bldg. Material Co., Hayward	$ 13,263.50	Sept. 5
Washington Highway Commission	9.5 Miles Surfacing, Chelan Co	Fred G. Redmon, Yakima	$ 48,286.00	Sept. 5
Washington Highway Commission	12.9 Miles Surfacing, Yakima County	Romano Engr. Corp. Seattle	$107,952.00	Sept. 5
Washington Highway Commission	1 Mile Paving, Lewis and Pacific Counties	H. P. Dorsey, Bellingham	$ 49,146.00	Sept. 5

U. S. GOVERNMENT AWARDS

Following are the principal construction contracts awarded by agencies of the U. S. Government in western states, in Hawaiian Islands and Canal Zone in the four week period ending September 5:

Constructing Authority	Contract	Contractor	Bid	Date Awarded
geles	geles-Long Beach	Los Angeles	$827,564.00	Aug. 12
U. S. Engineer Office, Kansas City	Railways & Trestles, Ft. Peck, Montana	Morrison - Kundsen, Boise, Idaho	$198,672.00	Aug. 13
U. S. Reclamation Service	Concrete Aggregates, All-American Canal	Triangle Rock and Gravel Co. San Bernardino	$149,900.00	Aug. 14
U. S. Engineer Office, Los Angeles	Dredging San Diego Bay	Hyrdaulic Dredg. Co., Oakland	$1,216,934.00	Aug. 15
Reclamation Service, Salt Lake City	Ephraim Tunnel, Sanpete Project	Morrison - Kundsen, Boise, Idaho	$162,434.00	Aug. 15
Bureau of Public Roads, San Francisco	1.09 Miles Grading, Yavapai Co., Arizona	Skousen Bros., Albuquerque, N. M.	$ 43,600.00	Aug. 19
Bureau of Public Roads, San Francisco	1.2 Miles Grading, Mono County, Calif.	Young and Son, Ltd., Berkeley	$ 70,320.00	Aug. 19
Bureau of Public Roads, San Francisco	5.828 Miles Grading Mono County, Calif.	Morrison-Knudsen Co. Los Angeles	$147,390.00	Aug. 19
Bureau of Public Roads, Portland	3.279 Miles Grading, Linn Co., Oregon	E. L. Gates, McCredie Springs, Ore.	$ 95,861.00	Aug. 19
U. S. Engineer Office, Portland	Gantry Cranes, Bonneville	Star Iron & Steel Co., Tacoma	$ 96,420.00	Aug. 19
U. S. Engineer Office, Portland	Channel Dredging, Ash Island Bar, Oregon	Pacific Bldg. Materials Co., Portland	$ 13,870.00	Aug. 21
Bureau of Public Roads, Portland	1.6 Miles Grading, Chelan Co. Washington	Myers & Goulter, Seattle	$ 99,027.00	Aug. 22
Bureau of Public Roads, San Francisco	3.1 Miles Subgrade Reinf., Navajo Co., Ariz.	Skousen Bros., Albuquerque, N. M.	$ 47,240.00	Aug. 22
U. S. Engineer, Portland	Columbia River Channel Improvement	Siems - Helmer, Inc., St. Paul, Minn.	$346,520.00	Aug. 22
U. S. Engineer, Portland	Willamette River Bank Protection	Kern & Kibbe, Portland	$ 32,947.00	Aug. 22
Bureau of Public Roads, Portland	Grading and Clearing, Jackson County	F. C. Dillard, Medford, Oregon	$ 57,576.00	Aug. 27
Navy Dept., San Diego	Quay Wall Extension, San Diego Naval Base	V. R. Dennis Co., San Diego	$ 18,749.00	Aug. 27
Bureau of Public Roads, Portland	3.3 Miles Grading, Ferry County, Wash.	C. E. Oneal, Stevenson, Wash.	$ 72,757.00	Aug. 29
Bureau of Public Roads, Portland	2.2 Miles Grading and Subgrade Reinf., Linn Co., Oregon	McNutt Bros., Eugene Oregon	$107,086.00	Aug. 29
Bureau of Public Roads, Portland	3.3078 Miles Grading, Ferry Co., Washington	C. E. Oneal, Stevenson, Wash.	$ 72,757.00	Aug. 30
Bureau of Public Roads, Portland	2.272 Miles Grade and 6.726 Mi. Subgrade, Linn Co., Oregon	McNutt Bros., Eugene Oregon	$107,086.00	Aug. 30
Navy Dept., Washington, D. C.	Building Alterations, Pearl Harbor, T. H.	John Hansen, Honolulu, T. H.	$ 19,501.00	Aug. 30
Bureau of Public Roads, San Francisco	1.823 Mi. Grading, Plumas Co.	Hemstreet and Bell, Marysville	$ 53,910.00	Sept. 3
Bureau of Reclamation, Casper, Wyoming	Seminoe Dam and Power Plant, Casper-Alcova Proj., Wyo.	Winston Bros. Co., Minneapolis, Minn.	$2,194,007.00	Sept. 3
Bureau of Reclamation, Ogden, Utah	Earthwork, Canal Lining and Structures (Sched. 1) Ogden Brigham Canal, Utah	J. A. Terteling and Sons, Boise, Idaho	$156,091.00	Sept. 3
Bureau of Reclamation, Ogden Utah	Earthwork, Canal Lining and Structures (Sched. 2) Ogden Brigham Canal, Utah	Morrison-Knudsen Co. Boise, Idaho	$197,429.00	Sept. 3
Bureau of Reclamation, Casper, Wyoming	Alcova Dam, Casper - Alcova Project, Wyo.	W. E. Callahan Const. Co. Dallas; Gunther & Shirley, L. A.	$1,482,651.00	Sept. 3
Bureau of Public Roads, San Francisco	20.699 Miles Bituminous Treatment, Modoc County	J. A. Casson, Hayward	$ 29,698.80	Sept. 4
Bureau of Public Roads, Portland	1.256 Miles Grading, Etc., Lane County, Oregon	Colonial Const. Co., Spokane, Wash.	$165,390.00	Sept. 4
Bureau of Public Roads, Portland	13.5305 Miles Grading, Lincoln and Tillamook Cos., Oreg.	E. L. Gates, McCredie Springs, Ore.	$136,630.00	Sept. 4
Bureau of Reclamation, Fairfield, Montana	Earthwork and Canal Lining, Pishkun Canal & Sun River Slope Canal, Sun River Project, Montana	Martin Wunderlich Co Jefferson City, Mo.	$211,085.00	Sept. 4
Bureau of Public Roads, San Francisco	Subgrade Reinforcement, Butte and Tehama Counties	L. F. Piazza, San Jose	$ 16,939.91	Sept. 4
Bureau of Public Roads, San Francisco	13.323 Miles Base Course, Tulare County	Fredrickson & Watson Const. Co., Fredrickson Bros. and Jones & King, Oakland	$144,792.95	Sept. 5

Section 4354, P. L. &
U. S POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

347 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

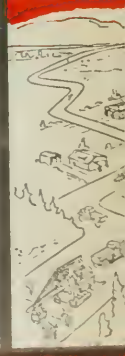
IN THIS ISSUE

$20,000,000 Approved For Friant Dam

Hopkins Ruling Blocks State PWA Program

Building Permits, Advance Reports of Building and Engineering Projects

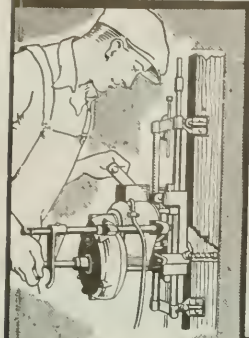
Unit Price Review



SEPT. 14, 1935

Vol. XVIII—No. 37

WAPPAT Electric TOOLS



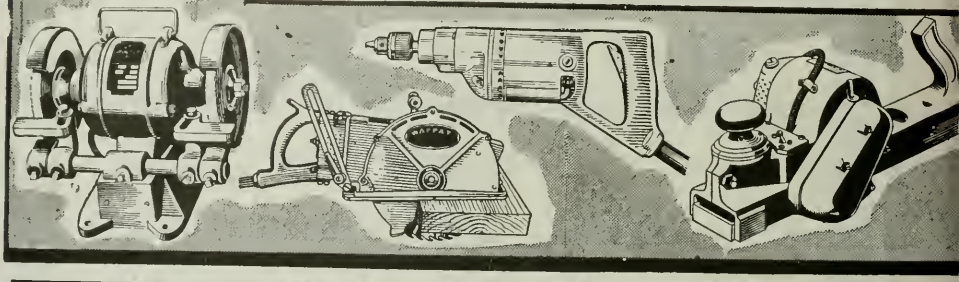
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR
WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS
Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744
SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00
Vol. XVIII SAN FRANCISCO, CALIF., SEPTEMBER 14, 1935 No. 37

August Building Permits $11,629,000; Better Residential Market Raises Total

August building permit values in the west exceeded those of any month of the year to date, except April, according to official reports from city and county inspection departments in seven states. There were 8890 permits issued during the month for work estimated to cost $11,629,512. The volume of work is more than double that of August a year ago.

The month's total includes contracts for the San Francisco Mint to cost $900,000 and for a San Francisco office building to cost $225,000 The mint is being built by Clinton Construction Company, and the office building by Cahill Brothers for Louis Lurie.

General improvement in residential building is reported, due to easier financing, much of it qualifying for insurance under terms of the National Housing Act San Francisco reported the best month since 1933 in number of permits for residences. The estimated expenditure for the month in this class of work is $331,100, providing accommodation for 84 families. Los Angeles reported 352 families provided for at a total building cost of $1,240,461. This represents 42 per cent of that city's total building for the month.

Building in the first eight months of 1935 in the 95 communities reporting exceeds the twelve-month total of 1934 by nearly $17,000,000. If the current rate of awards is maintained through the next four months the year's total will be almost twice that of 1934.

A.G.C. ANNUAL MEET HERE DECEMBER 13-14

Directors of Northern California Chapter, Associated General Contractors, have set December 13 and 14 as the dates for the annual meeting and entertainment, Floyd O. Booe, secretary-manager announced yesterday. The chapter's annual business meeting is scheduled for two days at the Palace Hotel. It will be followed by a chapter dinner and dance in the Palm Court on the night of the fourteenth.

The annual formal social event of the A.G.C. was resumed last year after being discontinued in 1931.

WPA TO START PURCHASE OF WORKS MATERIAL

McLaughlin Authorized to Procure Anticipated Requirements in State Program

Measures which are expected to advance the launching of the $202,000,000 Federal work program in California at least ten days have been instituted by Frank Y. McLaughlin, state WPA administrator, on the strength of telegraphic instructions received from Washington.

McLaughlin was advised by Harry L. Hopkins, national WPA administrator, that the Treasury Department has authorized state procurement officers to prepare at once proposals and requests for bids for materials to be used on all WPA projects so that awards can be made immediately following the issuance of allotments.

As a result of the instructions, McLaughlin immediately began preparation of a large number of requisitions which will be placed in the hands of the state procurement offices as soon as the allocation of Federal funds has been made. California projects which, to date, have received Presidential approval, but which still must receive final sanction from the office of the Comptroller General and the Treasury Department total $905,000 it was stated by local WPA officials.

2-MILE APPROACH FILL CONTRACT BIDS OCTOBER 2

Bayshore Highway Extension On Berkeley Waterfront Advertised

SACRAMENTO, Sept. 10. — Bids were invited today by the State Division of Highways for a two-mile dredger fill to extend the north approach of the San Francisco-Oakland Bay Bridge from the foot of Folger Avenue to Gilman Street on the Berkeley waterfront. Proposals will be received in Sacramento, October 2.

The first section of the approach fill was approximately four miles in length, extending from the end of the bridge structure on the Oakland tidelands to the foot of Folger Avenue. It was constructed under two contracts, one for placing the fill and one for placing riprap protection on the bay side. A separate contract is to be let for the paving.

The contract released today for advertising is for placing a hydraulic dredged fill estimated at 670,000 cubic yards and for constructing 6400 lineal feet of Type A temporary wooden bulkhead and 3,000 lineal feet Type B temporary wooden bulkhead. Miscellaneous items will include placing metal pipe drains and extending the Ashby Avenue outfall sewer, the latter requiring an estimated 386 cu. yds. of concrete and 30,000 pounds reinforcing steel bar.

ILLNESS FATAL FOR EDWIN J. SYMMES

Edwin J. Symmes, Bakersfield architect, died suddenly at his home Tuesday, according to word received yesterday in San Francisco. Mr. Symmes had been ill several weeks but his condition was not considered critical. Death was due to heart failure.

Mr. Symmes was born in Livermore in 1883. He graduated from the University of California school of architecture in 1909 and practiced in the bay district for a number of years before establishing his office in Bakersfield.

PRESIDENT SIGNS $20,000,000 ORDER FOR VALLEY WORK

Reclamation Service Authorized To Proceed With Friant Dam

Final approval of a $20,000,000 allotment of work-relief funds for the immediate construction of one or more complete units of the Central Valley Project was reported yesteday in Washington. The allotment previously was recommended to the President, but his approval was withheld pending a personal investigation of the work proposed by Commissioner of Reclamation Elwood Mead.

Dr. Mead, accompanied by Chief Engineer R. F. Walter and other members of his staff completed their survey last week.

As indicated unofficially by Dr. Mead at that time the initial work will be done at Friant dam site, near Fresno.

The two most favored units, among four possible combinations of necessary units outlined by the bureau in a recent memorandum to Secretary Ickess, were:

1—Friant Dam, costing $14,000,000; Contra Costa conduit, $2,500,000, and a 30,000-kilowatt steam plant and transmission lines, costing $4,500,000.

2—Friant Dam, costing $14,000,000; Madera Canal, $1,500,000, and Friant-Kern Canal, $4,500,000.

Units undertaken first would ultimately form a part of the completed project.

The Friant Reservoir would conserve and store the surplus waters of the San Joaquin River and could be built within the fiscal years of 1936 and 1937.

An estimate by the Bureau of Reclamation was that a daily average of 6460 men would be employed during the first year's work.

Horstmann Named Architect Advisor Of Vets' Board

Appointment of Anthony Horstmann, San Francisco architect, as staff appraiser and head of the architectural advisory staff of the State Veterans' Welfare Board is announced by Thomas M. Foley, board chairman.

Mr. Horstmann will have his headquarters in the San Francisco offices of the board at 703 Market Street.

At the same time Mr. Foley announced appointment of Charles T. Smith as property inspector and appraiser. Mr. Smith is a past commander of the North Sacramento Post 447 of the American Legion. His territory will be the inland counties from Merced north to the state line.

TOWN REFUSES WPA PROJECT

City councilmen of Rumson, N. J., who estimated that a local improvement could be constructed for $4,500, if done by contract, have rejected a proferred contribution of $25,000 from the Works Progress Administration for the same job to be done with relief labor. "Someone would be required to pay the difference between the actual cost of $4,500 and the proposed $25,000 federal expenditure, and for us to accept would not be fair to American taxpayers everywhere," declared the councilman who sponsored a resolution to reject the grant.

The council had before it a report estimating 9,000 cu. yds. of earth to be removed by the use of 6,300 man-days of relief labor, figured on the basis of each man working ninety days of a six-month employment period. Private contractors figured this schedule would require each laborer to move approximately one and a quarter yards of soil each day. If done by contract the cost was figured at 20 cents a cubic yard, therefore the government would pay a man $3 to move a quantity of dirt which a contractor would move for 25 cents.

SCHOOL BOND VOTES SLATED FOR OCTOBER 1

Three Districts Submitting Issues to Finance $220,000 Buildings

Three school districts have set bond issue elections for October 1 to supplement expected PWA grants for buildings and improvements which are estimated to cost $220,000. Bond proposals total $135,000, the difference being sought from the goverment work funds.

Burlingame school directors recommend an issue of $48,000 toward quake-proofing six elementary buildings. Architect Jas. H. Mitchell and Harold Hamill, structural engineer, have prepared an application to PWA for a grant of $37,000 on this project.

San Mateo proposes to construct a small elementary school building and to install a new heating plant in an existing building. The bond issue will be for $45,000, a portion to be used in acquiring property. PWA grant of $16,500 has been applied for through Architect W. H. Toepke.

Sebastopol grammar school trustees have called an election on a $42,000 issue and have asked for $33,000 PWA funds to erect a $75,000 grammar school building.

All three elections are scheduled for October 1.

HOPKINS ORDER ON PWA WORK TO BE PROTESTED

Local Groups Move To Obtain Reconsideration For Projects

Virtually every PWA project proposed from Northern California up to August 15 has been rejected by order of Works Progress Administrator Harry Hopkins, it appeared yesterday from a check of the state PWA office file in San Francisco. If Hopkins' ruling is confirmed by the President it means collapse of the local public works program so far as non-Federal PWA jobs are concerned.

Cancelling the recommendations of PWA Administrator Harold Ickes, WPA Administrator Hopkins has disqualified approximately 2,000 projects from agencies offering to share the cost. Among them were 95 in California, proposing a total expenditure of $19,621,000.

Hopkins' held that the work proposed would not give a sufficient man-year employment ratio to warrant Federal participation. In some instances he found that local relief rolls did not justify the expenditure.

A flood of protests will be forwarded to Washington, it was indicated yesterday as cities and counties moved to salvage their public works programs. Civic organizations of Sonoma county led the campaign for reconsideration with a sheaf of telegrams objecting to removal of the Sonoma County hospital from the eligible list. Every chamber of commerce in the county was expected to send a telegram asking further consideration for this project. The hospital is planned to cost $245,000. A grant of 45 percent of the cost was asked and provision has been made in the tax levy for the county's share.

McCullough Takes Leave to Join U. S. Roads Staff

C. B. McCullough, bridge engineer for the Oregon State Highway Department, will take a year's leave of absence and go to Central America shortly, he announced in Salem yesterday.

There McCullough will design bridges for the United State bureau of public roads, which is cooperating with Pan - American nations in building in international highway from Alaska to Cape Horn.

San Jose, Costa Rica, will be McCullough's headquarters for the year, but his work will take him also to Guatemala, Nicaragua and Honduras.

McCullough was offered the post by Thomas H. McDonald, chief of the federal bureau of public roads in Washington, D. C.

U. S. ALLOWS $51,000,000 FOR L. A. PROJECTS

PWA To Provide Funds For Big Southern California Program

Loans and grants for $51,230,908 to the city and county of Los Angeles for PWA projects have been approved in the first group of California projects selected for the new works program. Only one project has been accepted in Northern California. It is that of the Modesto Irrigation District for concrete lining canals.

Details of the projects are given below:

LOS ANGELES CITY. Loan and grant of $22,532,727 to the Los Angeles Board of Education for reconstructing, rehabilitating and equipping 452 earthquake-proof and fire-proof school buildings. The loan of $12,393,000 will be made from the PWA revolving fund and grant of $10,139,727 will be made from the new Works-Relief appropriation. Construction is estimated to require twenty months.

The money will be used to complete the school rehabilitation program started soon after the earthquake in March, 1933. A total of 152 buildings are included in the allocations approved today. Ultimate success of the program depends on the voting of bonds to secure the loan and an election will be held in November to pass on this question. It is understood that an advance of some $600,000 to defray the cost of preliminary architectural and engineering services, requested by the board of education several months ago, may be forthcoming within a few days.

LOS ANGELES COUNTY. Loan and grant of $8,253,545 for construction of a county office building, libraries, hospitals and other municipal buildings. The loan of $4,450,000 will ge made from the PWA revolving fund and the grant $4,450,000 will be made from the new Works-Relief appropriation. This project was approved by the President on condition that construction be completed by July 1 1936. In its application the city estimated that construction would require 18 months.

The following are included in the building program:

County office buildings, $2,000,000; new hospital building at Olive View, $3,000,000; self-help rehabilitation community at Olive View, $689,912; internes' home at General Hospital, $458,000; three infirmary units at Rancho Los Amigos, $168,000; new service building at Juvenile Hall, $155,000.

LOS ANGELES CITY. Grant of $6,480,000 to the Los Angeles Department of Water and Power for additions and improvements to the Los Angeles water system comprising construction of tunnels, dams conduits, reservoirs, and other necessary structures, all estimated to cost $14,400,000. No loan was requested. The President approved this project on condition that construction be completed by July 1 1936. The application estimated that construction would require 19½ months.

Materials and equipment are estimated to cost $7,337,012. The list of projects include:

Mono Basin Project	$5,125,600
Long Valley Dam	1,500,000
Major distribution lines	1,519,900
Local distribution & truck lines	4,171,680
Los Angeles Aqueduct	785,100
Reservoirs and tanks	584,900
General capital expense	500,000
Pumping plants	158,530
Underground water development	54,200

LOS ANGELES CITY. Loan and grant of $13,963,636 for construction and reconstruction of cargo terminals, ferry landings, market buildings, piers and other harbor improvements. The loan of $7,680,000 will come from PWA revolving fund and a grant of $6,283,636 will come from the new Works-Relief appropriation. This project was approved by the President on condition that construction be completed by July 1, 1936. The application estimated that construction would require 18 months for the following:

(1) Extension of Harbor Belt Line-Santa Fe, $270,000.

(2) Piers and moles. Fish harbor, $362,000.

(3) Municipal wholesale fish market (two tentative sites, one at Fish harbor and one near E. K. Wood Lumber Co. dock), $231,000.

(4) Cargo terminal, berths 179 180, 181, Wilmington, $932,000.

(5) Passenger and cargo terminal, Berth 155, Dollar Line, $304,737.

(6) Miscellaneous dredging harbor, $231,000.

(7) First Street passenger and cargo terminal, $1,708,000.

(8) Seventh Street passenger and cargo terminal, $1,708,000.

(9) Eleventh Street passenger and cargo terminal, $1,780,000.

(10) Ferry landings, both sides of main channel, $416,600.

(11) Navy graving dock, outer harbor, $5,000,000.

(12) Relocation Pacific Electric and removal of railroad bridge at entrance to west basin, $823,000.

(13) Dismantling and relocation of shed at Berth 155, $61,000.

(14) New terminal, Berth 147, for the United Fruit Co., $196,000

BEVERLY HILLS. Grant of $56,906 to the city for municipal waterworks improvement. The project is estimated to cost $126,459 and will require four months for completion. No loan was requested.

MODESTO. Grant of $32,715 to the Modesto Irrigation District of Stanislaus County for lining irrigation canals at an estimated cost of $72,700. No loan was requested. Construction is estimated to require 2½ months.

CONVENTION SET

American Institute of Steel Construction will hold its thirteenth annual convention, October 16, 17 and 18 at the Greenbrier Hotel, White Sulphur Springs, West Virginia.

BUREAU ISSUES LICENSES FOR TERMITE WORK

Structural Pest Control Operators Must Register Before October 1

Termite control operators, required to be licensed as such by the new law, must register by Oct 1, 1935, or they will be required to take an examination before being granted a license after that date, according to Wm. G. Bonelli, director of the department of professional and vocational standards.

"This law, which creates a Structural Pest Control Board to administer a regulatory act similar to that licensing contractors, provides for the examination by the board of all applicants for licenses under this law. However, a "blanketing" clause allows every operator engaged in the business at a fixed place of business, to register prior to October without taking this examination.

"The effective date of this act almost coincides with the expiration of the blanketing-in period. The board cannot possibly be appointed and commence its operations in time to allow termite operators to secure the benefit of this blanketing registration. Preliminary applications are available at the three offices of this Department, located in the State Office Building, Sacramento; the California State Building, Los Angeles, and the State Building Annex, San Francisco.

"Violation of this law is punishable by a maximum of a $500.00 fine and six months imprisonment.

"The law requires the payment of a fee of $10, which should be made payable to the Department of Professional and Vocational Standards and must be in the form of a cashier's check or money order. It is my opinion that registration under any other state or local law does not give any exemption to a pest control operator as embraced by this act. The act does exempt, however, persons engaged only in agricultural work, when they are licensed by the Department of Agriculture or by a county commissioner.

"This act is plainly an attempt by the Legislature to stimulate confidence in the structural pest control industry, in order to stop the ravages of termites and similar infestations which are causing such tremendous financial losses in this state. Racketeers in this business have made it almost impossible for legitimate operators to continue and have so frightened the public that much necessary work has been left undone.

U. S Bureau Issues Revised Contract Provisions For Work-Relief Highways

Amended copies of the special provisions for Works Program Highway Projects and Grade Crossing Projects have been forwarded by District Engineer C. H. Sweetser of the U. S. Bureau of Public Roads to state highway departments of California, Nevada and Arizona to be included in contracts using the new work-relief fund. Changes in the special provisions to conform with the amended rules and regulations approved August 29 by the President were issued by Chief of the Bureau Thos. H. MacDonald.

"The amendments to the rules and regulations and special provisions provide a thoroughly workable basis for the employment of labor," Mr. MacDonald said.

"The amended special provisions contemplate that the contractor will employ (except in executive, administrative, supervisory and highly skilled positions) only persons certified for assignment to work by the U. S. Employment Service and that preference in the employment of persons so certified will be given, when they are qualified, to persons from the public relief rolls. It is an obligation of the contractor to respect these preferences and employ only persons required to be certified by the U. S. Employment Service. It is contemplated that the contractor will continue to request additional lists from the employment agency until his employment needs are satisfied. In the event, however, the employment agency is unable to furnish names for any particular class of work, the contractor may locate qualified persons for such work and employ them after he has obtained certification for their assignment from the employment agency."

Following is the text of the amended special provisions:

Section IV—"**Employment of Labor**" is hereby amended to read as follows:

Except in executive, administrative, supervisory and highly skilled positions, only persons certified for assignment to work by the U. S. Employment Service shall be employed and preference in the employment of persons so certified by the U. S. Employment Service shall be given, when they are qualified, to those from the public relief rolls. Highly skilled positions are construed to be those listed hereafter under the classification of skilled labor.

No person under the age of sixteen years, and no one whose age or physical condition is such as to make his employment dangerous to his health or safety, or to the health and safety of others shall be employed on any project. This paragraph shall not be construed to operate against the employment of physically handicapped persons, otherwise employable, where such persons may be safely assigned to work which they can ably perform.

No person currently serving sentence to a penal or correction institution shall be employed on any project.

Except as specifically provided under this section, workers who are qualified by training or experience to be assigned to projects of this character shall not be discriminated against on any grounds whatsoever.

All contracts shall be conducted in accordance with safe working conditions, and every effort shall be made for the prevention of accidents.

The wages to be paid on projects under this Act may not be pledged or assigned, and any purported pledge or assignment shall be null and void.

Whenever the contractor shall need labor of a classification or grade required to be certified for assignment to work by the U. S. Employment Service, he shall inform the designated employment agency of his needs and request a list of names from which he may select those necessary to meet his requirements. Insofar as possible the lists furnished by the employment agency shall contain a number of names at least 25 percent in excess of the indicated requirements of the contractor, giving the name, whether on public relief rolls, residence, age and previous occupation of each person listed therein. Persons who are certified for assignment to work on the project and entitled to preference in employment shall be accepted or rejected by the contractor solely on the basis of their fitness to perform the assigned tasks and shall not be discriminated against on any other grounds whatsoever. In the event that a sufficient number of laborers qualified and fitted to perform the class of work required is not obtained by the contractor from the names contained in any list furnished him by the employment agency, the contractor shall continue to request additional lists from the employment agency, or obtain certifications for assigment of persons to work until his employment needs are satisfied. The contractor shall have the right to dismiss any employee or to return employees to the employment agency for reclassification. The contractor shall furnish the employment agency with the names of persons employed from such lists and the names of persons dismissed who were employed from such lists. No laborer who has been employed on the project in compliance with the terms of the contract shall be displaced or his services terminated during continuance of the work of the kind on which he is employed unless his work is unsatisfactory to the contractor. Contractors may require labor of any grade referred by the employment agency as operators of equipment, to furnish satisfactory evidence of competency to perform the work to which the employment relates, before they are employed. Such evidence of competency may be a detailed statement of prior experiences, recommendations from former employers or references to former employers who could be contacted for a statement of qualifications. The contractor shall be the sole judge of the evidence of competency or fitness of operators of equipment referred for employment.

Section VI: "**General Requirements**" is hereby amended to read as follows:

Materials

The contractor shall furnish all materials entering into this contract; except that in the event any arrangements are made by the Federal Government for the purchase of materials for the General Works Program under the Emergency Relief Appropriation Act of 1935, which the contractor could utilize in work under the contract, the contractor shall have the option of obtaining such of these materials as may be required in his work under such terms and conditions as are set forth in the advertisement for bids.

This agreement is entered into on the basis that if subsequent legislation shall require observance of minimum wage and/or maximum hours of employment and/or limitation as to age of employees in the production of materials or other supplies purchased by the contractor and entering into the work, the contract shall be subject to modification in accordance with such statutory requirements as to the extent authorized or required by law.

Required Employment

(Applicable only to Works Program Highway Projects)

The contractor in the execution of the work under the contract in accordance with the provisions of the specifications and the special provisions to the specifications shall provide a total of not less than.....man hours of employment to persons directly employed on the contract in administrative, executive and supervisory positions and for skilled labor, intermediate grade labor and unskilled labor. In the event of overruns or underruns in quantities of work performed or the performance of contingent items of work which increase or decrease the total value of work performed under the contract the required minimum man hours of employment to be given to persons directly employed on the work as above outlined shall be adjusted in the ratio which the total final cost of the work bears to the total bid price of the contractor for the items of work set up in the proposal on which the bid was submitted. In the further event that the contractor completes the work on the project and fails to provide the required minimum man hours of employment adjusted to final cost as outlined, there shall be deducted from any monies due the contractor on account of the contract a sum equal to the number of man hours employment deficient from the adjusted minimum, multiplied by the value of employment per man hour, in which the value of employment per man hour shall be determined by dividing the total bid price of the contractor for the items of work set up in the proposal on which the bid was submitted by the minimum required man hours of employment as given in these special provisions.

Methods of Undertaking the Work

(Applicable only to Works Program Highway Projects)

The contractor shall be permitted to employ hand labor methods to the maximum extent possible on any detail of the work which can be undertaken without seriously impairing the quality of the work.

(NOTE: If a State desires to exclude any detail of work, such as mixing concrete for structures, etc., from being undertaken entirely with hand labor methods such details should be stated as exceptions to the above clause.)

Violation of Special Provisions

Any violation of the spirit or the intent of the foregoing provisions shall render the contractor ineligible to bid upon any further work involving the use of Works Program Highway Funds or Works Program Grade Crossing funds.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
928	Brooks	Stedman	3000
929	Grassis	S. F. Bldg	1000
930	Hauseu	Early	1000
931	Hardiman	Owner	3500
932	Peterson	Owner	10000
933	Boschen	Rosseau	9500
934	O'Neill	Mullen	6000
935	Sobrato	S. F.	1500
936	Head	Little	7000
937	Vassallo	Owner	1250
938	Guldager	Thorinson	3000
939	Forbes	Appelle	8900
940	Victor	Anderson	2500
941	Salvation	Lindgren	1718
942	Tavern	Mullen	1000
943	Steffner	Anderson	12500
944	Dale	Owner	7500
945	Stoneson	Owner	3000
946	Graves	Anderson	5000

DWELLING
(928) W RAMSELL 150 S Shields. One-story and basement frame dwelling.
Owner—Helen S. Brooks, 473 Ramsell St., San Francisco
Architect—Not Given.
Contractor — Marcus Stedman, 1818 Bryant St., Palo Alto. $3000

ALTERATIONS
(929) NO. 1173 FLORIDA ST. Alter dwelling.
Owner — Mrs. Terressa Grassis, 1179 Florida St., San Francisco.
Architect—Not Given.
Contractor—San Francisco Building & Constr. Co., 2212 Polk S. $1000

REPAIRS
(930) NO. 226 POTRERO AVE. Repair fire damage to dwelling.
Owner—M. P. Hauseu, Premises.
Architect—Not Given
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(931) W TWENTY-FOURTH AVE. 75 N Lawton St. One-story and basement frame dwelling.
Owner—M. Hardiman, 423 38th Ave., San Francisco.
Architect—Not Given.

FLATS
(932) SE 15th AVE. and Judah and S Judah 36 E 15th Ave.; two 2-story and basement frame flats.
Owner—Arvid Peterson, 1620 8th Ave.
Architect—Not Given. $5,000 each

DWELLING
(933) SE LINARES and Ventura; one-story and basement frame dwelling.
Owner—Fred W. Boschen, % contractor.
Architect—Albert H. Larsen, 2671 16th Avenue.
Contractor—Oliver M. Rousseau, Inc., 1498 36th Ave. $9500

ALTERATIONS
(934) 134 MAIDEN LANE; alter restaurant.
Owner—Mrs. L. O'Neill and Mrs. E. McCracken, 134 Maiden Lane.
Architect—Roht. Stanton, Del Monte.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. $6000

ALTERATIONS
(935) 50 OSGOOD PLACE; alter cafe.
Owner—John Sobrato, premises.
Architect—R. R. Irvine, 3431 Market
Contractor—San Francisco Const. Co., 2530 Lombard St. $1500

DWELLING
(936) W SAN BUENAVENTURA Way 80 N St. Francis Blvd. Two-story and basement frame dwelling.
Owner—Mr. and Mrs. Ralph Head, % Architect.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Engineer—Masten & Hurd, 233 Post St., San Francisco.
Contractor—M. A. Little Co., 107 24th Ave., San Francisco. $7000

BUILDING
(937) NO. 621 BAYSHORE BLVD One-story frame building.
Owner—J. C. Vassallo, 1107 Mendell St., San Francisco.
Architect—Not Given. $1250

DWELLING
(938) E MARKET 156 S Romain St. One-story and basement frame dwelling.
Owner—Fred H. Guldager, 300 Buchanan St., San Francisco.
Architect—Not Given.
Contractor — F. H. Thorinson, 1630 Ocean Ave., S. F. $3000

DWELLING
(939) N ALTA ST. 112 E Montgomery St. Three-story and basement frame dwelling.
Owner—Miss H. K. Forbes, % Contractor.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor — Frank G. Appelle, 1067 Walker St., Oakland. $8900

ALTERATIONS
(940) NO. 844 FOLSOM ST. Alter office and shop building.
Owner—Victor Equipment Co., Prem.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor — E. A. Anderson, 1177 De Haro St., S. F. $2500

ALTERATIONS
(941) NO. 1156 VALENCIA STREET. Alter office and assembly hall.
Owner—Salvation Army, Premises.
Architect — Douglas D. Stone, 110 Sutter St., San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., S. F. $1718

ALTERATIONS
(942) SE FOURTH AND MARKET Sts. Alter bar and cafe.
Owner—Tavern Bon Gout, Premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., S. F. $1000

OFFICE
(943) N FOLSOM ST. 412 W Fourth St. Two-story Class C office and shop.
Owner — L. W. Steffner, 844 Folsom St., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor — E. A. Anderson, 1177 DeHaro St., S. F. $12,500

ALTERATIONS
(944) NO. 110 ELLIS ST. Alter hotel.
Owner—Dale Tallac Hotel, Premises.
Architect—Not Given. $7500

DWELLING
(945) S SEMINOLE ST. 110 E Delano St. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(946) NO. 2399 TWENTY-FIRST ST Alter dwelling.
Owner—W. C. Graves, 318 Kearny St. San Francisco.
Architect—S. A. Colton, 511 Market St., San Francisco.
Contractor — Adolph Anderson, 230 Hazelwood St., S. F $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
677	Dooley	Owner	5000
678	Scammell	Owner	5250
679	Leekins	Owner	5500
680	Hestorff	Parks	3000
681	Haulman	Owner	3000
682	Phlegar	Owner	4500
683	Mitchell	Jensen	9875
684	Bischoff	Owner	4500
685	Cummings	Muller	8600
686	Kinley	Owner	5500
687	Dowling	Owner	4000
688	Von Alvensleben	Stead	1100
689	Lincoln	King	4000
690	Bonds	Owner	7000
691	Beatte	Henderson	11000
691	Hoyt	Stolte	2000
692	Phair	Armstrong	2900

DWELLING
(677) NO. 3975 OAKMORE ROAD, **OAKLAND.** One-story 7-room dwelling.
Owner — Fred T. Dooley, 3936 Vale Ave., Oakland.
Architect—Not Given. $5000

DWELLING
(678) NO. 3706 ELSTON AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner — J. W. Scammell, 421 Scenic Ave., Piedmont.
Architect—Not Given. $5250

DWELLING
(679) NO. 6044 LASALLE AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—C. W. Leekins, 4481 Moraga Ave., Oakland.
Architect—Not Given. $5500

ADDITIONS
(680) NO. 1519 HAWTHORNE TERRACE, **BERKELEY.** Additions.
Owner—P. C. Hestorff, Premises.
Architect—Not Given.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $3000

DWELLING
(681) NO. 1131 PEACH ST., **ALAMEDA.** One-story 5-room frame and stucco dwelling.
Owner — P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given. $3000

DWELLING
(682) 420 JEROME; **PIEDMONT**; 1-story 5-room frame residence and garage.
Owner and Builder — Lottie Phlegar 350 Magnolia Ave., Piedmont
Architect—R. A. Hutchison, 533 Andover St., Oakland. $4500

DWELLING
(683) 8 HUNTLEIGH ROAD, PIEDMONT; two-story 7-room frame residence and garage.
Owner—Robert Mitchell, 3111 Eton Ave., Berkeley.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $9875

DWELLING
(684) 6706 MANOR CREST, OAKLAND; one-story 6-room dwelling
Owner & Builder—John A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given. $4500

STORES
(685) NO. 3312 LAKESHORE AVE., OAKLAND. One-story brick stores.
Owner—L. D. Cummings, Haddon Rd. Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland. $8600

DWELLING
(686) NO. 1181 TRESTLE GLEN RD., OAKLAND. Two-story 7-room dwelling.
Owner—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given. $5500

DWELLING
(687) NO. 4108 SHAFTER AVENUE, OAKLAND. One-story five-room dwelling.
Owner—Geo. F. Dowling, 337 17th St., San Francisco.
Architect—Not Given. $4000

DWELLING
(688) NO. 911 KEELER AVENUE, BERKELEY. One-story 2-room frame dwelling.
Owner—Mrs. Marie Van Alvensleben, 1014 Spring St., Santa Rosa.
Architect—Not Given.
Contractor—Frank G. Stead, 3206 Boise St., Berkeley. $1100

DWELLING
(689) NO. 1285 MONTEREY STREET BERKELEY. One-story 6-room frame dwelling.
Owner—H. Lincoln, 1309 Stannage St., Berkeley.
Architect—Not Given.
Contractor—Geo. F. King, 2522 College Ave., Berkeley. $4000

RESIDENCE
(690) NO. 60 ALTA ROAD, BERKELEY. Three-story residence.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $7000

DWELLING
(691) NO. 1491 GREENWWOD TERrace, BERKELEY. Two-story 9-room dwelling.
Owner—Mrs. D. A. Meatte.
Architect — Arthur Deldman, Sacramento.
Contractor—H. K. Henderson, 20 Avis Road, Berkeley. $11,000

ADDITION
(691) NO. 926 HIGH ST., OAKLAND Addition.
Owner—Hoyt Heater Co., Premises.
Architect—Not Given.
Contractor — F. C. Stolte Co., 3455 Laguna Ave., Oakland. $2000

DWELLING
(692) NO. 6200 THORNHILL DRIVE OAKLAND. One-story five-room dwelling.
Owner—E. J. Phair, 241 Sunnyside St. Piedmont.
Architect—Not Given.
Contractor — J. K. Armstrong, 1131 Fleet Road, Oakland. $2900

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
130	Schmidt	Mills	1129
131	Union	Michel	1718
132	Giras	Huppert	103
133	Richfield	Munson	4300

ALTERATIONS
(130) SECOND AND BRYANT STS. All work for showcase in waiting room and new partition in auditing department.
Owner—Schmidt Lithogroph Co., Inc., Premises.
Architect—Not Given.
Contractor—Mills Construction Corp., 645 Russ Bldg., San Francisco.
Filed Sept. 6, '35. Dated Sept. 3, '35.
TOTAL COST, $1129
Bond, none. Limit, 20 calendar days. Forfeit, none. Plans and specifications filed.

STATION
(131) ARDLEY AND HOPKINS STS. Oakland. All work for one-story steel service station (Station No. 508).
Owner—Union Oil Co. of California, Los Angeles.
Architect—Not Given.
Contractor—Michel & Pfeffer, Tenth and Harrison Sts., San Francisco.
Filed Sept. 10, '35. Dated Sept. 6, '35.
5 days after completion..... 75%
Usual 35 days..... 25%
TOTAL COST, $1718
Bond, none. Limit, 14 days. Forfeit, plans and specifications, none.

ALTERATIONS
(132) NO. 131 GRAFTON ST., Oakland. All work for alterations to dwelling.
Owner—Elsie Giras, 130 Grafton St., Oakland.
Architect—Not Given.
Contractor—Robert K. Huppert.
Filed Sept. 10, '35. Dated Aug. 24, '35.
HOLC Contract .....
TOTAL COST, $103
Bond, $103. Surety, U. S. Fidelity & Guaranty Co. Limit, forfeit. none. Specifications only filed.

STATION
(133) SE VAN NESS AVE & LOMbard St. All work except painting, equipment and steel building for service station.
Owner—William C. McDuffie (as Receiver of the Richfield Oil Co. of Calif., 555 South Flower St., Los Angeles.
Architect—Not Given.
Contractor—John Munson, 2419 15th St., San Francisco.
Filed Sept. 11, '35. Dated Aug. 29, '35.
On 1st and 16th of each month 85%
Usual 35 days..... 15%
TOTAL COST, $4300
Bond, $4300. Surety, Fidelity & Deposit Co. of Maryland. Limit, on or before October 15, 1935. Forfeit, plans and specifications, none.

SAN FRANCISCO UNDER $1000

ALTER store, $500; 469 Bush Street; owner, Morris, Beggs & Base, 544 Market St.; contractor, S. A. Guisti & Co., 200 Green St.
SIGN, electric, $100; 3309 Mission St.; owner, Quality Inn, Prem.; contractor, Brumfield, 3309 Mission.
ALTER flats, $130; 48 Divisadero St.; owner, A. H. Allgoewer, Premises; contractor, Al Thulin, 63 Brady.
ALTER store and flats, $200; 459 Castro St.; owner, Dr. Chase, Prem.
ALTER store, $150; 1311 Noriega St.; owner, Mrs. M. E. Hill, Prem.
BILLBOARD, $6.25; NE Bayshore Blvd. and Islais Creek; owner, Foster & Kleiser Co., 1675 Eddy.
REPAIR fire damage to hotel, $106; 405 Valencia St.; owner, J. Bissett, Premises; contractor, Ira W. Coburn, 2048 Market St.
BUILDING, frame, one-story, $480; W Galvez 125 N Coleman St.; owner, R. S. Humphrey, 1061 Laguna St.
REPAIR fire damage to flats, $100; 1725-1735 Sutter St.; owner, M. Callagarits, % Contractor; contractor, A. L. Thulin, 63 Brady St.
ALTER dwelling, $100; NW Stillman and Cambridge Sts; owner, S. A. Allen, 310 Cambridge St.

ALTER dwelling, $400; 474 19th Ave.; owner, Hans Schoucwald, 476 19th Avenue.
ALTER dwelling, $200; 143 De Montford St.; owner, A. Husler, Prem.
ALTER dwelling, $250; 72 Martha St. owner, Mrs. F. Noble, Premises.
ALTER dwelling, $400; 1326 15th Ave. ownetr, Mr. and Mrs. D. Scoley, Premises.
FLUES (3) patent, $50; NW Cayuga St. 225 SE Santa Inez St.; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walters Furnace & Sheet Metal Works, 2230 Market.
SIGN, electric, $200; 58 Embarcadero; owner, Eastside Tavern, Premises contrector, QRS Neon, 690 Potrero Ave.

SIGN, electric, $200; 167 Powell St.; owner, Mooris & Weiss, Premises; contractor, QRS Neon, 690 Potrero Avenue.
SIGN, electric, $100; 560 Sutter St.; owner, Bit of Sweden, 560 Sutter.
SIGN, electric, $100; 560 Sutter St.; owner, S. Kulen, Prem.; contractor, QRS Neon, 690 Potrero Ave.
SIGN, metal, $40; 321 Kearny Street; owntr, O. M. Rousseau, Prem.; contractor, Palette Sign Co., 734 Turk St.

BILLBOARD, $12.50; W Embarcadero 183 N Folsom; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER store, $400; 2794 Mission St.; owner, Maytag Co., 2794 Mission St.; contractor, Ed. Rosemont.
ALTER store, $250; 1766 Buchanan St.; owner, Shungetsu Co., Prem.
ALTER dwelling, $300; 8 Newton St.; owner, George J. and Theresa M. Heim, Premises; contractor, C. Ravaglioli, 100 Hamilton St.
SIGN, electric, $250; 331 Pine Street; owner, S. E. Onorato Inc., Mills Bldg.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER dwelling, $500; 570 Lisbon St.; owner, W. A. Hansen, Premises.
SIGN, electric, $200; 2391 Mission St.; owner, Johnson Tamale Grotto, Premises; contractor, QRS Neon, 690 Potrero Ave.
SIGN, electric, $50; 536 Jones Street; owner, Gilbert Elec. Co., Prem.; contractorfi QRS Neon, 690 Potrero Ave.
ALTER dwelling, $478; owner, Jacob Zarosh, Premises.
GARAGE, private, $115; Adjoining 78 Cook St.; owner, Theresa S. Natenstedt, 78 Cook St.
ALTER dwelling, $125; 690 Hayes St. owner, Augusta G. Balch, Prem.; contractor, Henry Erickson, 972 Chenery St.
ALTER dwelling, $294; 44 Levant; owner, E. F. Coleman, Premises; contractor, Sam Yonan, 196 Irvinton.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Contract Awarded.
APARTMENTS Cost, $150,000
STOCKTON, San Joaquin Co., Calif. North Eldorado and Acacia Sts.
Five-story brick apartments (36 3- and 4-room apts.)
Owner—Frank S. Boggs, 925 N Eldorado St., Stockton.
Architect—Eric Johnson, 2615 Dwight Way, Stockton.
Contractor—J. A. Allen, 22 S. Sutter St., Stockton.

Sub-Contracts Awarded.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 2735 Anza Street.
Alterations to apartments.
Owner—M. Churkin, premises.
Architect—R. H. Bickel, 9 Geary St.
Contractor—Robert McCarthy, 356 Church Street.
Roofing—James Reilly, 20 Isabel St.
Plumbing—Security Plumbing Co. 1657 Market Street.
Electric Wiring—B. J. Doherty, 1725 Church Street.
Heating—D. Hayes, 1657 Market St.
Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St.
Wood Sash — Eureka Sash, Door and Moulding Mills, 1715 Mission St.
Hardwood Floors—McCrellis Floor Co. 1445 26th Avenue.
Hardware—Norman & Sons, 890 Valencia Street.
Sub-bids are being taken on glass, iron grille work and fire escapes, lathing and plastering, window shades, and ornamental iron.

3— CHURCHES

Planned.
CHURCH Cost, $——
SALINAS, Monterey Co., Calif. SW Corner California and Winham.
New church.
Owner—First Baptist Church (Rev. L. D. Logee, pastor).
Architect—Not Given.
Further details will be announced shortly.

Sub-Bids Being Taken.
ADDITION Cost, $2,000
COLUSA, Colusa Co., Calif.
Addition to Sunday school at Saint Stephens Episcopal Church (add 1 large room and kitchen) frame construction.
Owner—Episcopal Bishop of Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Labor—Camp & Bigley, Orleans.
Sub-bids are being received by the architect.

4— FACTORIES & WAREHOUSES

Complete Bids.
POST OFFICE Cost, $51,760
CLAREMONT, Los Angeles Co., Calif
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—L. F. Dow, 1243 25th St Santa Monica.
Complete bids follow:
L. F. Dow, Santa Monica $37,760
Chas. Dorfman, Los Angeles 37,900
Theo. A. Beyer Corp., L. A. 40,120
Bids held under advisement.

Owner Taking Bids.
ALTERATIONS Cost, $2000
SAN BRUNO, San Mateo Co., Cal.
Alterations to building for creamery.
Owner—Petersen Theatre Circuit, 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.

CONSTRUCTION STARTED
HUENEME, Ventura Co., Cal.—A. Schroeder, 300 G St., Oxnard, started work this week on the construction of a new lemon packing plant in Huneneme for the Oxnard Citrus Assn.; J. D. McGrath, president; E. A. Hooker, manager. The building will have over 100,000 square feet of floor space and will cost, including equipment, $200,000. The contract was awarded the latter part of June.

Sub-Contracts Awarded
FACTORY Cost, $175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemours & Co. (W. J. Sohlinger, Mgr.) 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner, Wilmington, Del.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Structural Steel—McClintic - Marshall Co., 20th and Illinois Streets, San Francisco.
Lumber—South City Lumber Co., So San Francisco.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Streets, San Francisco.
As previously reported, asbestos protective sheet metal awarded to H. H. Robertson, 50 Hawthorne Street. San Francisco; grading to J. S. Baker, 740 Farrington Lane, Burlingame.

Plans Being Prepared.
ADDITIONS Cost, $——
MODESTO, Stanislaus Co., Calif.
Additions to present milk producing plant (concrete walls, steel stairway, composition roofing, steel sash, some equipment, etc.)
Owner—Milk Producers Assn. of Central California, 510 9th St., Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Construction will be done by owner's own forces.

Contract Awarded
SHOP Cost, $15,000
SAN FRANCISCO. N Folsom St. E Fourth St.
One- and two-story steel and concrete shop building (35x160-feet) concrete walls, steel trusses, tar and gravel roof, etc
Owner—L. W. Stettner.
Structural Engineer — W. Adrian, 417 Market Street.
Lessee—Victor Equipment Company
Contractor—E. A. Anderson & Son 1177 DeHaro Street

5— FLATS

To Be Done By Day's Work.
FLATS Cost, $6,000 each
SAN FRANCISCO. 15th Ave. and Judah Street.
Two 2-story and basement frame and stucco flats.
Owner and Builder—Arvid Peterson, 1620 Eighth Ave.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Sub-Contracts Awarded
SERVICE STATION Cost, $10,000
MODESTO, Stanislaus Co., Cal. Ninth and I Streets.
Steel service station.
Owner — General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner
Contractor—F. C. Stolte, 3449 Laguna Avenue, Oakland.
Steel Bldg.—Independent Iron Works, 821 Pine St., Oakland.
Plumbing and Electric Work—Hanson Bros., Modesto.

Structural Steel Contract Awarded.
SERVICS STATION Cost, $9000
SANTA ROSA, Sonoma Co., Cal.
Steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.
Structural Steel — Independent Iron Works, 821 Pine St., Oakland.

Contract Awarded
SERVICE STATION Cost, $4,000
SACRAMENTO, Sacramento Co., Cal. 1030 I Street.
Service station.
Owner—O'Neil Bros., 13th and L Sts., Sacramento.
Contractor—H. W. Robertson, 3004 F St., Sacramento.

Contract Awarded.
SERVICE STATION Cost, $1718
OAKLAND, Alameda Co., Cal. Ardley and Hopkins Streets.
One-story steel service station.
Owner—Union Oil Co., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.

Owner Taking Segregated Bids.
SERVICE STATION Cost, $2500
SAN RAFAEL, Marin Co., Calif.
Steel and sheet metal service station.
Owner—Todd Franklin, 2191 3rd St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract Awarded
SERVICE STATION Cost, $4,300
SAN FRANCISCO. SE Van Ness Ave. and Lombard Street.
New service station (steel building).
Owner—Richfield Oil Co., 555 South Flower St., Los Angeles.
Plans by Engineering Dept of Owner
Contractor—John Munson, 2419 15th Street.

7— FEDERAL BUILDINGS

BIDS WANTED

HOLLYWOOD, Los Angeles Co., Cal.—Until October 10, bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for furnishing interior lighting fixtures for the new U. S. Post Office under construction in Hollywood. Claud Beelman and Allison & Allison, architects.

Bids Wanted — To Close October 21, 1 P. M.

POST OFFICE Cost, $300,000
KETCHIKAN, Alaska.
U. S. Post Office and Courthouse and Jail (work complete excepting elevators).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office. No deposit required.

LOW BIDDER

ROSEBURG, Ore.—M. E. Geasle Co. Portland, at $668 submitted low bid to Treasury Dept., Washington, D. C. for interior lighting fixtures for the U. S. post office at Roseburg.
Complete bids will be given shortly.

New Bids Wanted—To Close Oct. 18, 1 P. M.

POST OFFICE Cost, $45,150
MONTEBELLO, Los Angeles Co. Cal.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C
Plans and specifications may be obtained from above office.
On previous bid opening lowest bid was submitted by V. O. Brunzell, Gardena, at $37,400.

Low Bidders

INSPECTION STATION Cost. $66,000
NACO, Arizona.
Two - story and basement inspection station (67x48 ft.) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—E. L. Martin, P. O. Box 654, Dallas, Texas, $54,830.
Second low bid was submitted by MacDonald Const. Co., St. Louis, at $57,928.
Complete bids will be given shortly.

LOW BIDDERS

LOS ANGELES, Calif. — Dahlstrom Metalic Door Co., Jamestown, N. Y., at $7,190 submitted low bid to Veterans' Administration, Washington, D. C., for metal cubicles in Buildings Nos. 162 and 174 at the Veterans' Administration Facility, Los Angeles.
Complete bids will be given shortly.

LOW BIDDER

PHOENIX, Ariz.—Tri-State Electric Co., Memphis, Tenn., at $2,550 submitted low bid to Treasury Department, Washington, D. C., for interior lighting fixtures to be installed in the U. S. post office at Phoenix.

LOW BIDDERS

VALLEJO, Solano Co., Calif.—Patterson Bros., 2059 Webster St., Oakland, at $848 submitted low bid to the Treasury Dept., Washington, D. C., for painting plaster, etc., in the U. S. post office at Vallejo.
Three low bids follow:

Patterson Bros., Oakland	$ 848
Arthur M. Gelden, Chicago	977
Pacific Painting and Decorating Co., Oakland	1,050

Bids held under advisement.

Bid Opening Date Postponed Until Sept. 23, 1 P. M.

POST OFFICE Cost, $85,800
VENTURA, Ventura Co., Calif.
Two - story post office building, 129x 93 feet (concrete walls, exposed concrete exterior, tile roof, vaults, concrete piles, marble and tile work, ornamental iron, skylights, one-pipe low pressure steam heating system, etc.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Date previously set for Sept. 16.

BIDS OPENED

SAN YSIDRO, San Diego Co., Cal. —Jesse B. Worthington, San Diego, at $1,289 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the San Ysidro post office.
Complete bids follow:

J. B. Worthington, San Diego	$1,289
Patterson Bros., Oakland	1,424
L. T. Olmstead, San Diego	1,490

Bids held under advisement.

COMPLETE BIDS

HONOLULU, T. H. — Raphael Co., 270 Tehama St., San Francisco, at $2,-670 submitted low bid to the Treasury Department for painting plaster, etc., in the U. S. Post Office and Custom House at Honolulu. Only other bid was submitted by L. J. Feary, Honolulu, at $9,450.
Bids held under advisement.

Complete Bids.

POST OFFICE Cost, $120,000
ANAHEIM, Orange Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—G. F. Campbell Building Co. and Chas. Kelly, Byrne Bldg., Los Angeles.
Complete bids follow:

Campbell Const. Co. and Chas. Kelly, Los Angeles	$71,896
Theo. A. Beyer Corp., L. A.	73,763
L. F. Dok Co., Santa Monica	74,925
Ball & Honer, Santa Ana	81,988

Bids held under advisement.

LOW BIDDERS

REDLANDS, San Bernardino Co., Cal.—Patterson Bros., 2059 Webster St., Oakland, at $750, submittel low bid to Treasury Department for painting the plaster, etc., in the U. S post office at Redlands.
The three low bids follow:

Patterson Bros., Oakland	$750
A. M. Gelden, Chicago	960
Geo. Tondro Co., Covina	990

LOW BIDDERS

PETALUMA, Sonoma Co., Cal.—Pacific Painting and Decorating Company, 5414 Telegraph Ave., Oakland, at $1,090 submitted low bid to Treasury Dept., Washington, D. C., for painting the plaster, etc., in the U. S post office at Petaluma.
The three low bids follow:

Pacific Painting and Decorating Co., Oakland	$1,090
Patterson Bros., Oakland	1,130
John Exley, San Francisco	2,415

LOW BIDDERS

PORTERVILLE, Tulare Co., Cal.—Patterson Bros., 2059 Webster Street Oakland, at $817 submitted low bid to Treasury Dept., Washington, D. C. for painting the plaster, etc., in the U. S. post office at Porterville. The second low bid was submitted by Arthur M. Gelden, Chicago, at $1,090.

LOW BIDDERS

PRESCOTT, Ariz.—Merrill P. Wilson Co., Bona Allen Bldg., Atlanta Ga., at $2,000 submitted low bid to Treasury Dept., Washington, D. C. for painting the plaster, etc., in the U. S. post office at Prescott.

LOW BIDDERS

RENO, Nev.—D. Zelinsky & Son 165 Grove St., San Francisco, at $2,-370 submitted low bid to the Treasury Dept., Washington, D. C., for painting the plaster, etc., in the U. S. post office at Reno.
The three low bids follow:

D. Zelinsky & Son, S. F.	$2,370
Commercial Painting Co.	3,190
William Wilson & Sons	3,300

CONTRACT AWARDED

DENVER, Colo—U. S. Fireproofing Co., 228 N. La Salle St., Chicago, awarded contract by the Treasury Department, at $643,150, for constructing an addition to the U. S. Custom House in Denver.

TO ASK BIDS

POINT ARGUELLO, Santa Barbara Co., Cal.—U. S. Coast Guard Service, Washington, D. C., is completing plans and will call for bids within 30 days for a new coast guard station to be built on Port Arguello, Santa Barbara County.

Bids Rejected

POST OFFICE Cost, $79,200
REDDING, Shasta Co., Calif. Oregon St. bet. Placer and Yuba Streets.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans will probably be revised and new bids asked.
On bid opening only bid was submitted by the Dinwiddie Const. Co., Crocker Bldg., San Francisco, at $77-000.

BIDS WANTED

FARALLON ISLANDS, Calif.—Until Sept. 25, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing 5 oil burning stoves complete, including piping, flue connections and fuel tank at the U. S. Naval Direction Finder Station, Farallon Islands; Spec. No. 8048.
Plans and specifications may be obtained from above office and from the Chief of the Bureau of Yards & Docks, Navy Dept., Washington, D. C.

LOW BIDDER

SAN YSIDRO, San Diego Co., Calif. —Jesse B. Worthington, San Diego, at $1,280 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Inspection Station, San Ysidro. Second low bid was submitted by Patterson Bros., Oakland, at $1,400.
Bids held under advisement.

LOW BIDDER

ST. JOHNS, Ore.—Adolph Johnson, Portland, at $489 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at St. Johns. Second low bid was submitted by N. P. Hansen, Portland, at $490.
Bids held under advisement.

BIDS WANTED

SANTA FE, N. M.—Until Sept. 25, 10 A. M., bids will be received by the Treasury Dept., Procurement Division Public Works Branch, Washington, D. C., for insect screens in the U. S. post office at Santa Fe.
Specifications may be obtained from above office and from the Custodian of the building at Santa Fe.

LOW BIDDER

SAN DIEGO, Cal.—Southwest Tile Co., 7477 Girard Ave., La Jolla, submitted low bid to 11th Naval District, San Diego, at $450 for replacing tile in gallery at Naval Operating Base (Training Station), San Diego; Spec. 8079.

COMPLETE BIDS

RENO, Nev.—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco, at $2,378 submitted low bid to Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. post office at Reno.

Complete bids follow:

D. Zelinsky & Sons, Inc., S. F.	$2,378
Commercial Painting Service, Chicago	3,190
Wm. Wilson & Sons, Inc., Atlanta, Ga.	3,300
M. P. Wilson Co., Atlanta, Ga.	3,340
Patterson Bros., Oakland	3,727
A. M. Gelden, Chicago, Ill.	3,847
Pacific Painting and Decorating Co., Oakland, Cal.	4,666
W. M. Gamel Decorating Co., Denver, Colo.	6,119
G. W. Nichols, Reno	6,997

Bids held under advisement.

8— CLUB BUILDINGS

COMPLETING PLANS

LONG BEACH, Los Angeles Co., Cal.—George D. Biddle, architect, 2826 Cedar Ave., Long Beach, and Miller and Gibbs, associate architects, 601 Kress Bldg., Long Beach, are completing plans for a one and part two-story Naval Y. M. C. A. building in Long Beach. Cost, $50,000.

Sub-Bids Being Taken.

ALTERATIONS Cost, $10,000

SAN FRANCISCO. NE Valencia and Clinton Park.

Alterations to lodge rooms.

Owner—Firat Serbian Benevolent Society.

Architect—Dodge Riedy, 821 Market.

Contractor—Frank Antonioli, 159 Marina Blvd.

Contract Awarded

ALTERATIONS Cost, $8,000

SACRAMENTO, Sacramento Co., Cal. NE Ninth and K Streets.

Alterations and additions to a lodge building (new lounge, 13x31-ft.) card room, banquet room, kitchen, billiard room and rest rooms.

Owner—Independent Order of Odd Fellows.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Contractor—W. B. Ladue, 2319 O St., Sacramento

Plans Being Figured—Bids Close Oct. 1st, 8 P. M.

LODGE Cost, $15,000

PITTSBURG, Contra Costa Co., Cal. Cumberland St. bet. 9th and 10th.

One - story and basement frame and stucco lodge bldg. (tile and composition roofing, gas hot air heating system, hardwood floors in clubrooms and lodge rooms, gymnasium, locker rooms, kitchen in basement, etc.)

Owner—Pittsburg Lodge of Elks.

Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.

Plans and specifications may be obtained from the architects upon deposit of $10.00.

9— HOSPITALS

Contract Awarded

ADDITION Cont. Price, $18,800

SACRAMENTO, Sacramento Co., Cal. 28th and L Streets.

Addition to Sutter Hospital (new wing to house offices of the Superior California Hospital Assn., new locker rooms and rest rooms for nurses).

Owner—Sutter Hospital, 28th and L Sts., Sacramento (R. D. Brisbane, Supt.)

Architect—Starks & Flanders, Forum Bldg., Sacramento.

Contractor—Azevedo Const. Co., 920 O St., Sacramento.

Preparing Working Drawings.

HOSPITAL Cost, $200,000

SANTA ROSA, Sonoma Co., Calif.

Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.) 200-bed capacity.

Owner—County of Sonoma.

Architect—John I. Easterly, Exchange Bank Bldg., Santa Rosa.

Engineer—Ed. A. Peugh (County Engineer) Courthouse, Santa Rosa.

Completed plans will be filed with the PWA on Sept. 22.

LOW BIDDERS

FORT YUMA, Ariz.—Chris Berntson, Salt Lake City, Utah, at $92,180 submitted low bid to Department of Interior for construction of a hospital building at Fort Yuma Indian Agency. Second low bid was submitted by C. J. Cresmer Mfg. Co., Riverside, Cal., at $95,800.

Bids held under advisement.

12— POWER PLANTS

INJUNCTION GRANTED

COEUR d'ALENE, Idaho.—Judge C. C. Cavanagh, in the U. S. District Court for Idaho, decreed that the city be perpetually enjoined from entering into a proposed contract for construction of a diesel engine generating plant and electric distributing system, and that PWA Administrator Harold Ickes be permanently restrained from making a loan for the project. Plaintiff in action was the Washington Water Power Co., Spokane, which alleged that it has spent more than $5,000,000 in construction and improvement of electric facilities in Idaho. $200,000 of which is in Coeur d'Alene. Voters recently approved a $300,000 bond issue to aid in financing construction.

BIDS WANTED

MARE ISLAND, Calif.—Until Sept. 25, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., for four 600 - kw. motor - generator sets and switchboards at the Navy Yard, Mare Island; Spec. No. 7992.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $10.

West Coast bidders should make application to Mare Island.

CONTRACT AWARDED

SAN FRANCISCO.—E. A. Cornely, Inc., 1452 Bush Street, at $2,211.50 awarded contract by Treasury Department for furnishing and installing combination gas and oil burner units on four 100-hp. scotch marine boilers as installed in the power house of the Mare Hospital, 14th Ave. and Lake St., San Francisco.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Hawaiian Electric Co., Honolulu, at $3,378 was awarded contract by Bureau of Yards & Docks, Navy Dept., Washington, D. C., for installing transformer at Naval Base, Pearl Harbor; Spec No. 8074.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

LOW BIDDERS

FRESNO, Fresno Co., Calif.—Barrett Hicks Co., 1027 Broadway, Fresno, at $45,624 submitted low bid to Fresno City Council for mechanical equipment for the Fresno City Auditorium.

Three low bids follow:

Barrett Hicks Co., Fresno	$45,624	
	deduct (1)	1,329
Scott Co., San Francisco	46,987	
	deduct (1)	970
B. A. Newman Co., Fresno	49,178	
	deduct (1)	825

Bids held under advisement.

Preliminary Plans Completed.

CITY HALL Cost, $20,000

NEVADA CITY, Nevada Co., Calif.

One-story reinf. concrete city hall.

Owner—City of Nevada City.

Architect — George Sellon, California State Life Bldg., Sacramento.

Application has been filed with the WPA to furnish labor.

Preliminary Plans Completed.

CITY HALL, ETC. Cost, $200,000

REDDING, Shasta Co., Calif.

One- and two - story reinforced concrete city hall and civic auditorium (auditorium to seat 3500).

Owner—City of Redding.

Architect—Jens C. Petersen, 812 26th St., Sacramento.

Application has been filed with the PWA for a loan and grant to finance the project.

BOND ELECTION

SANTA BARBARA, Cal. — Santa Barbara City Council has called an election for October 8 at which time it is proposed to vote bonds in the sum of $376,000 for various public improvements in Santa Barbara. Included in the program are the following projects: Laguna baseball park development, $19,000; comfort station, $1500; tennis courts, $20,000; West Beach outdoor swimming pool, $39,000.

CONTRACT AWARDED

FRESNO, Fresno Co., Cal.—Barrett Hicks Co., 1027 Broadway, Fresno, at $45,625 awarded contract by the Fresno City Council for mechanical equipment for the Fresno City Auditorium.

Plans Being Prepared.

AUDITORIUM Cost, $25,000

QUINCY, Plumas Co., Calif.

Frame and stucco auditorium (to seat 400).

Owner—City of Quincy.

Architect—S. Charles Lee, 2404 W. 7th St., Los Angeles.

Preliminary Plans Prepared.

FIREHOUSE Cost, $30,000

HANFORD, King Co., Cal. Lacey Blvd. and Ford Street.

One-story firehouse.

Owner—City of Hanford.

Architect—W. D. Coates, Kowell Bldg. Fresno.

Application filed with the PWA for grant to assist financing.

BIDS WANTED

SAN FRANCISCO.—Until Sept. 18, 1:45 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for removing existing Kalamein door and install new sheet steel and glass door and side panel on fifth floor of Hall of Justice passenger elevator.

Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street

BIDS OPENED

SAN FRANCISCO—Eisele & Dondero, 2895 Third St., at $245 submitted low bid to Department of Public Works for furnishing and installing marble base for statue in the vestibule of the Veterans' Memorial Bldg Civic Center.

Complete bids follow:

Eisele & Dondero	$245
M. E. Vukicevich	247
H. L. Petersen	289
DeLuca & Son, Inc.	295
Schoenfeld Marble Co.	335

Bids held under advisement.

Contract Awarded

VENT. SYSTEM Cont. Price, $1,520
SAN FRANCISCO. City Hall.
Ventilating system in Supervisors' Chambers, City Hall.
Owner—City and County of San Francisco.
Architect — Wm. Mooser, Monadnock Building.
Contractor—Scott Co., 243 Minna St.
Complete bids published Sept. 5.

14— RESIDENCES

Contract Awarded

RESIDENCE Cost, $16,500
MERCED, Merced Co., Calif.
Two - story all - wood residence (Colonial type) 8 rooms and 3 baths; shake roof, wood sash, hardwood floors, tile baths, etc
Owner—C. Ray Robinson.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—C. B. Cameron & Son, P. O. Box 244, Merced.

Plans Being Completed.

RESIDENCE Cost, $4,500
VALLEJO, Solano Co., Calif.
One - story and basement frame and stucco residence (6 rooms, 1 bath and one lavatory) shingle roof, wood sash, tile bath, hardwood floors, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St., Oakland.
Bids will be asked within a few days.

Plans Being Figured.

RESIDENCE Cost, $3,500
SAN LEANDRO, Alameda Co., Calif.
One - story wood frame residence (4 rooms) Colonial style, rustic exterior, shingle roof, gas floor furnace, hardwood floors, tile bath, wood sash, etc
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 4108 Shafter Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—George F. Dowling, 337 17th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1181 Treasure Glen Road.
Two-story frame and stucco residence (7 rooms).
Owner and Builder—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given.

Contract Awarded

ALTERATIONS Cost, $6,500
FREEPORT, Sacramento Co., Calif.
Alterations and additions to residence (add 5 rooms, 2 baths) stucco and rustic exterior, shingle roof, hardwood floors, additional plumbing, plaster, wiring, painting, etc
Owner—John Heringer.
Architect—W. R. Yelland, Financial Center Bldg., Oakland.
Contractor—J. D. Haworth, 2533 Burnett Way, Sacramento

Plans Being Prepared.

RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner and Builder—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Figured.

RESIDENCE Cost, $8,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths, composition roofing, steel sash, hardwood floors tile baths, etc.
Owner—M. Langstroth, Modesto
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Figured—Bids Close September 22.

RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Calif.
One - story and basement frame and stucco residence (six rooms) tile roof, gas heating system, steel sash, hardwood floors, tile bath.
Owner—J. E. Niel.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Contract Awarded.

RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 6200 Thornhill Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—E. J. Phair, 241 Sunnyside St., Piedmont.
Architect—Not Given.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Sub-Contracts Awarded.

RESIDENCE Cost, $5800
LAFAYETTE, Contra Costa Co., Cal.
Two-story frame residence (7 rooms, 2 baths) shingle roof, oil burning heating system, hardwood floors, tile baths, etc.
Owner—Emily Palmer.
Architect—E. G. Bangs, 411 30th St., Oakland.
Contractor—David Nordstrom, 15 Nace St., Oakland.
Mill Work—Oakland Planing Mill, 2nd and Washington Sts., Oakland.
Concrete—Nat Lena, 1174 19th Street, Oakland.
Electric—J. W. Hammond, Lafayette.
Plumbing—Otto Henning, 3527 Suter St., Oakland.

Plans Being Prepared.

RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Euclid Ave. near Marin St.
Two-story frame and stucco residence 6 rooms, 2 baths) Spanish style, tile roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Preparing Working Drawings.

RESIDENCE Cost, $10,000
ATHERTON, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Withheld.
Architect — Clarence A. Tantau, 210 Post St., San Francisco.

Plans Completed.

RESIDENCE Cost, $5000
ROSS, Marin Co., Calif.
One-story frame residence (5 rooms), rustic exterior, clapboard roof, wood sash, gas heating system; Monterey Type.
Owner—Withheld.
Architet — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded

RESIDENCE Cost, $10,000
SAN FRANCISCO. Alta Street near Montgomery Street (on Telegraph Hill).
Two-story frame and stucco residence (9 rooms and 3 baths) composition roof, gas hot air heating system, tile baths, etc.
Owner—Miss Helen W. Forbes.
Architect—W. W. Wurster, 260 California Street.
Contractor—F. G. Appelbe, 2405 Acton St., Berkeley.

Plans Being Prepared.

RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Cal.
New residence.
Owner—Mrs. Robert Law.
Architect—W. W. Wurster, 260 California St., San Francisco.

Excavation and Concrete Contracts Awarded.

RESIDENCE Cont. Price, $15,650
SAN FRANCISCO. Sherwood Forest.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.)
Owner—B. L. Lechens.
Architect—Harold Stoner, West Portal and Portola Drive.
Contractor — G. P. W. Jensen, 320 Market Street.
Excavating and Concrete — Vannucci Bros., 375 Bayshore Blvd., S. F.

Preliminary Plans Completed.

CITY HALL Cost, $25,000
AUBURN, Placer Co., Calif.
One- and two-story reinforced concrete city hall and central fire house.
Owner—City of Auburn.
Architect — George Sellon, California State Life Bldg., Sacramento.
Application has been filed with the WPA to furnish labor.

Contract Awarded

RESIDENCE Cost, $4,000
SAN FRANCISCO. W Ramsell 150 S Shields.
One - story and basement frame and and stucco residence.
Owner—Helen S. Brooks, 473 Ramsell Street.
Architect—Not Given.
Contractor — Marcus Stedman, 1818 Bryant St., Palo Alto.

Contract Awarded

ADDITIONS Cost, $4,000
BERKELEY, Alameda Co., Cal. 1519 Hawthorne Terrace.
Owner—P. C. Hestorff, premises.
Architect—Not Given.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley.

Contract Awarded

RESIDENCE Cost, $4,500
PALO ALTO PARK, San Mateo Co., Calif. Birch Street.
One - story and basement frame and and stucco residence.
Owner—Dr. E. Pearl Hannah.
Architect—Not Given.
Contractor—George Lanthier, 334 Byron St., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Calif. Palm Drive.
One - story and basement frame and and stucco residence.
Owner—Richard Carter.
Architect—Not Given.
Contractor—Kenneth Evers, 2100 19th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3706 Elston Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—J. W. Scammell. 424 Scenic Ave., Piedmont.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,600
OAKLAND, Alameda Co., Calif. 3375 Oakmore Road.
One - story and basement frame and stucco residence (7 rooms).
Owner and Builder—Fred T. Dooley. 3936 Vale Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 6041 LaSalle Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—C. W. Leekins. 4481 Moraga Ave., Oakland
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Humboldt and Second Avenue.
One-story and basement frame and stucco residence.
Owner—L. Upton.
Architect—Not Given.
Contractor—J. F. Brown, 732 Lytton Ave., Palo Alto.

Contract Awardetd.
RESIDENCE Cost, $10,500
SACRAMENTO, Sacramento Co., Cal. No. 1316 46th Street.
Two-story frame and stucco residence.
Owner—Dr. William J. Van Denberg.
Architect—Not Given.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $11,232
PALO ALTO, Santa Clara Co., Calif. Seale Tract.
Two-story frame and stucco residence
Owner—Cameron and Louise Gordon, 1920 Cowper Ave., Palo Alto.
Architect — Leslie I. Nichols, 532 Emerson St., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. Hester Ave. near Park St.
One-story frame and stucco residence
Owner—Emilie C. Popp, San Jose.
Architect — Binder & Curtis, 35 W. San Carlos St., San Jose.
Contractor—M. W. Reese, 1210 Minnesota St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. No. 1730 W. Acacia Street.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—C. T. Carlson, 807 N-Madison St., Stockton.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double garage), shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adock.
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.
Low Bidder—Norman Anderson, 3000 Barrett Ave., Richmond, $8297.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Market St. 156 S Romain Street.
One-story and basement frame and stucco residence.
Owner—Fred H. Guldager, 300 Buchanan St., San Francisco.
Architect—Not Given.
Contractor — F. H. Thorinson, 1630 Ocean Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $3000
SAN JOSE, Santa Clara Co., Cal. N-McDaniel Avenue.
One-story frame and stucco residence (5 rooms).
Owner—Martin B. Krieg, San Jose.
Architect—William E. Higgins, 19 N-Second St., San Jose.
Contractor—B. J. Sunzeri, 176 N-31st St., San Jose.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1027 35th Street.
One-story and basement frame and stucco residence.
Owner—Mrs. H. Cloughley, 1042 37th St., Sacramento.
Architect—Not Given.
Contractor—J. A. Saunders, 1045 45th St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 24th Ave. 75 N Lawton Street.
One-story frame and stucco residence
Owner and Builder — M. Hardiman. 423 38th Avenue.
Architect—Not Given.

Owner Taking Segregated Bids.
RESIDENCE Cost, $8,000
RENO, Washoe County, Nevada.
One-story frame and stucco residence (8 rooms, 2 baths) full tile roof, gas heating system, wood sash, hardwood floors, tile baths, quarry tile floors, etc.
Owner—Ray Petersen, 275 Ralston St., Reno.
Architect—D. E. Jaekle, 126 Post St., San Francisco

Plans Being Completed.
RESIDENCE Cost, $——
HILLSBOROUGH PARK, San Mateo County, Calif.
Two - story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portola Drive, San Francisco.
Bids will be asked within 10 days.

Plans Being Prepared.
RESIDENCE Cost, $10,000
SAN RAFAEL, Marin Co., Calif. El Camino Terrace.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, wood sash, hardwood floors, tile baths, two-car garage, etc.
Owner—Dr F M Cannon, 510 B St., San Rafael.
Architect—H H. Winner, Wordworth Ave., Ross.

Contract Awarded
RESIDENCE Cost, $5,662
BAYWOOD PARK, San Mateo Co., Calif.
One-story and basement frame and stucco residence.
Owner—Ray Beryl.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Contract Awarded
RESIDENCE Cost, $6,000
RICHMOND, Contra Costa Co., Cal. 13th St. bet. Nevin and MacDonald.
One-story frame residence.
Owner—Victor Schang, 466 Third St., Richmond.
Architect—James T. Narbett, 466 31st St., Richmond.
Contractor—F. C. Hosking, 541 Civic Center, Richmond.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO. SE Linares and Ventura Streets.
One - story and basement frame and stucco residence.
Owner—Fred. W. Boschen.
Architect—Albert H. Larsen, 2671 16th Avenue.
Contractor—Oliver M. Rousseau, Inc., 1498 36th Avenue.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
PIEDMONT, Alameda Co., Cal. 420 Jerome.
One - story and basement frame and stucco residence (5 rooms).
Owner—Lottie Phlegar, 350 Magnolia Ave., Piedmont.
Architect—R. A. Hutchison, 3433 Andover St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 6706 Manor Crest.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—John A. Bischoff, 2717 Russell St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. 1555 Calaveras Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner — Jack Ruscigno, Singletary Ave., San Jose.
Architect—Not Given.
Contractor—A. R. Cavelli, 1625 Emory St., San Jose.

Contract Awarded
RESIDENCE Cost, $4,500
SAN JOSE, Santa Clara Co., Calif. 1545 Emory Street.
One - story and basement frame and stucco residence (five rooms).
Owner—James Falconer, 1593 Lexington St., Santa Clara.
Architect—Not Given.
Contractor—W. H. O'Neil, 1450 Emory St., San Jose.

Contract Awarded
RESIDENCE Cost, $7,500
SAN JOSE, Santa Clara Co., Calif 1520 Calaveras Avenue.
Two - story and basement frame and stucco residence (8 rooms).
Architect—Not Given.
Owner—Perry Fredkin, 16th and Santa Clara Sts., San Jose.

Architect—Not Given.
Contractor—George Kochel, Graphic Arts Bldg. San Jose.

Contract Awarded
RESIDENCE Cost, $8,000
SAN FRANCISCO. W Buena Ventura Way,80 N St, Francis Blvd.
Two - story and basement frame and stucco residence.
Owner—Ralph Head.
Architect—Masten & Hurd, 23 Post.
Contractor—M. A. Little, 107 24th Ave.

Sub-Contracts Awarded.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo County.
One-story and basement frame and stucco residence (5 rooms) shingle or shake roof, gas heating system hardwood floors, tile bath, steel and wood sash, etc. (Monterey type).
Owner and Builder — John McCarthy, 50 Hudson St., Redwood City.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Plumbing—J. Doyle, Redwood City.
Electric Wiring — Mueller Co., Redwood City.
Mill Work — Pacific Mfg. Co., Santa Clara.
Plastering—J. Badie, Redwood City.

Contract Awarded
ALTERATIONS Cost, $6,000
SAN FRANCISCO. 2399 21st Street.
Alterations to residence.
Owner—W. C. Graves, 218 Kearny St.
Architect—S. A. Colton, 544 Market.
Contractor—Adolph Anderson, 230 Hazelwood Street.

To Be Done By Day's Work.
RESIDENCE Cost, $8500
BERKELEY, Alameda Co., Cal. No 60 Alta Road.
Three-story frame and stucco residence.
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1285 Monterey Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner — H. Lincoln, 1309 Stannage St., Berkeley.
Architect—Not Given.
Contractor—George F. King, 2522 College Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
ALAMEDA, Alameda Co., Cal. No. 1131 Peach Street.
One-story and basement frame and stucco residence (5 rooms).
Owner & Builder—P. Royal Haulman, 1243 Broadway, Alameda.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 1491 Greenwood Terrace.
Two-story and basement frame and stucco residence (9 rooms).
Owner—Mrs. D. A. Beatte.
Architect — Arthur Dudman, Sacramento.
Contractor—H. J. Henderson, 20 Avis Road, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $2500
RICHMOND, Contra Costa Co., Cal. Cutting Blvd., bet. 41st and 43rd Streets.
One-story frame residence.
Owner — Reine Monte, 1516 Chanslor St., Richmond.
Plans by Owner.

15— SCHOOLS

Plans Being Figured—Bids Close Sept. 23rd, 8 P. M.
COMPLETE SCHOOL Cost, $——
CONCORD, Contra Costa Co., Calif.
Complete reinforced concrete academic unit at high school (ten classrooms).
Owner—Mr. Diable Union High School District (Nina E. Bancroft, clerk).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids are being taken as follows:
(1) Completion of carpenter work (labor only);
(2) Painting and tinting (labor and material);
(3) Plastering work (labor and material);
(4) Tile work (labor and material);
(5) Linoleum work (labor and material);
(6) Blackboards (labor and material)
(7) Finish hardware (labor and material);
(8) Weissteel partitions (installed):
(9) Brick work (labor and material).
Plans and specifications may be obtained from the architects upon deposit of $20.00.

LOW BIDDER
LOS ANGELES, Cal.—John W. Flanagan, 1723 W. 52nd St., submitted low bid to Los Angeles Board of Education at $47,582, for the reconstruction, strengthening and rehabilitation of building No. 1 at the Fries Avenue School, 1301 Fries Avenue, San Pedro District. Henry F. Withey, 500 S. Westlake Ave., Architect.

SEEK FUNDS
RENO, Nevada—University of Nevada has applied to the PWA for a loan and grant totaling $650,000 for four proposed new buildings to be erected at the college in Reno.

BOND ELECTION
SAN MATEO, San Mateo Co., Cal. —San Mateo Elementary School District will vote October 1 (date postponed from Sept. 24) on a proposal to issue bonds in the amount of $45,000 to finance construction of a one-story grammar school building in San Mateo.
Application has been filed with the PWA for a grant of $15,000. Preliminary plans have been prepared by Architect Wm. H. Toepke, 126 Post St., San Francisco.

BOND ELECTION
BURLINGAME, San Mateo Co., Cal. —Burlingame Elementary School District will vote October 1st on a proposal to issue bonds in the amount of $48,000 to finance reconstruction of six elementary schools in Burlingame.
Preliminary plans prepared by Architect James H. Mitchell, 369 Pine St., and Structural Engineer Harold B. Hammill, 381 Bush St., San Francisco.

BOND ELECTION
SEBASTOPOL, Sonoma Co., Cal.—Sebastopol Elementary School District will vote on October 1st on a proposal to issue bonds in the amount of $42,000 to finance construction of a new grammar school in Sebastopol.
Preliminary plans prepared by Architects Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

BONDS VOTED
DEL REY, Fresno Co., Cal.—Prairie School District voted bonds in amount of $25,000 August 30 to finance construction of a six - classroom school building with an auditorium to seat 500. Frame and stucco construction, tile roof, gas heating system, wood floors, etc. Preliminary plans prepared by Architects Swartz & Ryland, Brix Bldg., Fresno.
Application filed with PWA for a loan and grant.

Preliminary Plans Completed.
SCHOOLS Cost, $220,000
ALBANY, Oregon.
Two elementary school buildings and remodeling of high school.
Owner—Albany School District.
Architect—Tourtellotte and Hummell, Postal Bldg., Portland.
Application filed with the PWA for a loan and grant to finance projects.

Low Bidder
GYMNASIUM Cost, $——
BISHOP, Inyo Co., Calif.
One - story high school gymnasium (dressing rooms, showers, amusement room, concrete walls, exposed concrete exterior, wood roof trusses, composition roofing, concrete and wood floors, steel sash, steam heat from central plant.
Owner—Bishop Union High School District.
Architect—J. A. Grundfor, 114A West Broadway, Glendale.
Low Bidder—R. Wescott Co., 536 S. Broadway, Pasadena.

Contract Awarded
ALTER SHOPS Cont. Price, $12,900
OAKLAND, Alameda Co., Cal. Fifty-eighth and Grove Streets.
Alterations to University High School Shops.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Contractor—J. E. Branagh, 116 Monticello, Piedmont.
Complete bids published Sept. 6.

Planned
HIGH SCHOOL Cost, $85,000
GUSTINE, Merced Co., Calif.
New high school (four classrooms, auditorium to seat 500, cafeteria.)
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Russ, Bank of America Building, Oakland.
Application will be filed with PWA for a grant to assist financing. If granted, a bond election will be called. (7902)

BIDS WANTED
LONG BEACH, Cal.—Until Sept. 20 4 P. M., bids will be received by the Long Beach board of education for reconstruction of the John C. Fremont school, located at the corner of Termino Ave. and 4th St. Miller & Gibbs, 800 Kress Bldg., Long Beach, architects. Cost, $100,000.

Planned.
RICHMOND, Contra Costa Co., Calif. Fairmont Ave. and El Cerrito St.
New Junior High School (type of construction or size not determined).
Owner—Richmond Union High School District (W. T. Helms, Supt. of Schools).
Architect—Not Selected.
Further details will be announced at a later date.

CONTRACTS AWARDED
SAN FRANCISCO—R. P. Paoli, 3159 Fillmore St., at $6,999 awarded contract for painting, and Palace Hardware Co., 581 Market St., at $5,659.85 awarded contract for finish hardware by Department of Public Works for painting and finish hardware for the reconstruction of Lowell High School located on Hayes, Ashbury, Grove and Masonic Ave.
Complete bids published Sept. 5.

Plans Awaiting PWA Approval.
SCHOOL Cost, $300,000
SAN FRANCISCO. Twenty-fifth and Bryant Streets (Sunshine - Buena Vista School).
One - story reinforced concrete school (18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architect—Martin J. Rist, Phelan Bldg.; Charles F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market Street.
Structural Engineer—H. J. Brunnier, Sharon Building.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Upon approval of plans, bids will be asked.

BOND ELECTION
CONCORD, Contra Costa Co., Cal. —Clayton Valley School District will vote on September 27, on a proposal to issue bonds in the amount of $9000, proceeds to finance construction of a new school building in Concord.
Preliminary plans prepared by Architect E. W. Cannon, 81 Echo St., Oakland.

Plans Being Completel.
SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (6 classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Application filed with PWA for a grant to assist financing.

CONTRACT AWARDED
MODESTO, Stanislaus Co., Calif.—H. Tennysen, 125 Poplar Ave., Modesto, at $16,570 awarded contract by the Modesto City School District for completion of the Modesto Junior College library on the site of the Modesto Junior College at Modesto.
Work involves:
(1) finishing carpentry and mill work;
(2) linoleum flooring;
(3) finish boys' and girls' toilet rooms, marble walls and floors, tile wainscot.
Only other bid was submitted by L. Uhels, Ripon, at $17,775. Plans prepared by Architect John J. Donovan, 950 Parker St., Berkeley. •

BOND ELECTION
ALAMEDA and Contra Costa Cos., Calif. — Amador Valley Joint Union High School District will vote on September 21 on a proposal to issue bonds in the amount of $35,000, proceeds to finance construction of alterations and additions to schools in the Amador Valley Joint Union High School District in Alameda and Contra Costa Counties.

Preliminary Plans Completed.
HIGH SCHOOL Cost, $172,000
REDDING, Shasta Co., Calif.
One-story brick and steel high school (12 classrooms and auditorium).
Owner—Redding High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Application has been filed with the PWA for a loan and grant to finance the project.

CONTRACTS AWARDED
LONG BEACH, Cal.—Reed & Malser, 6348 Colgate Ave., Los Angeles, awarded the contract by Long Beach board of education at $91,000 (using salvaged materials) for construction of buildings A and C at the Robert E. Lee school site.
Other awards were: C. H. Warner, 214 Willowbrook Avenue, Compton, plumbing, $6675; Hickman Bros., 910 E. Anaheim St., Long Beach, heating $3745; Baty Electric Co., 412 E. First St., Long Beach, electric wiring, $4,690. George K. Kahrs, 1224 Linden Ave., architect, and J. H. Davies and C. D. Wailes, Ocean Center Bldg., Long Beach, structural engineers.

BIDS WANTED
VENICE DISTRICT, Cal. — Until September 27, 11:30 A. M., bids will be received by the Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for two new shop buildings to be built at the Venice High School, 13,000 Venice Blvd. John C. Austin and Frederic M. Ashley, 608 Chamber of Commerce Bldg., Los Angeles, Architects. Cost, $75,000.

Seek Funds.
ADDITION Cost, $100,000
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Application has been filed with the PWA for a grant in the amount of $45,000 to assist financing. •

Bids Opened.
ALTER SHOPS Cost, $12,000
OAKLAND, Alameda Co., Cal. Fifty-eighth and Grove Streets.
Alterations to University High School Shops.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland.
Low Bidder—John E. Branagh, 116 Monticello, Piedmont.
Complete bids follow:

J. E. Branagh Piedmont		$12,900
	Salvage	25.00
S. G. Johnson, Oakland		12,975
	Salvage	5.00
Lindgren & Swinerton, Oakland		13,275
	Salvage	1.00
N. H. Sjoberg, S. F.		13,348
	Salvage	1.00
Bertelsen & Moore, Oakland		13,761
	Salvage	1.00
Kelly & Tulloch, Oakland		14,319
	Salvage	1.00

Bids held under advisement. •

Preparing Plans.
ALTERATIONS Cost, $12,000
AUBURN, Placer Co., Cal.
Alterations and additions to school building.
Owner — Alta Vista School District (Hall Livingston, Clerk).
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bonds in the amount of $12,000 were voted.

LOW BIDDERS
LONG BEACH, Cal.—Reed & Malser, 6348 Colgate Ave., Los Angeles, submitted low bid to the Long Beach board of education at $91,000 (using salvaged materials) for the construction of buildings A and C at the Robt E. Lee school site. Low bidders on other contracts were: C. H. Warner, 214 Willowbrook Ave., Compton, on the plumbing at $6675; Hickman Bros 916 E. Anaheim St., Long Beach, on the heating, $3745; Baty Electric Co., 412 E. First St., Long Beach, electric wiring $4690. George W. Kahrs, 1224 Linden Ave., architect; and J. H. Davies and C. D. Wailes, Ocean Center Bldg., Long Beach, structural engineers.

CONTRACT AWARDED
LONG BEACH, Calif. Trewhitt-Shields Co., Security First National Bank Bldg., Fresno, awarded general contract by Long Beach board of education at $83,776, for construction of Luther Burbank elementary school. Other contracts awarded were J. Hermon Co., 1349 E. Vernon Ave., Los Angeles, heating, $5932; Thos. E. Williams Co., 256 Alamitos Ave., Long Beach, plumbing, $7656; Coast Elec. Co., 2350 Cedar Ave., Long Beach, electric wiring, $6369. K. S. Wing, 501 Termine Ave., Long Beach, architect.

16— BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $3,000
REDWOOD CITY, San Mateo Co., Cal. 2627 Broadway.
Alterations to store building.
Owner—Andrew Inv. Co., premises.
Architect—Not Given.
Contractor—Julius Smith, Andrew Bldg., Redwood City.

Contract Awarded
STORE Cost, $7,000
PACIFIC GROVE, Monterey Co., Cal 561 Lighthouse Avenue.
Two-story concrete store building
Owner—Fred Cope, Pacific Greve.
Architect—Robert Stanton, Carmel.
Contracter—Harold Geyer, 946 Hellam St., Monterey.

Elevator Contract Awarded.
OFFICE BLDG. Cost, $500,000
SAN FRANCISCO. 417 Montgomery.
Ten - story reinforced concrete office building (tar and gravel roof, steel sash, two elevators, steam heating system, terra cotta facing, plaster throughout, etc.)
Owner—Louis Lurie, 333 Montgomery.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome Street.
Elevator—Otis Elevator 1 Beach St.
As previously reported, electric contract awarded to Alta Electric Co., 467 O'Farrell St.; grading to Sibley Grading and Teaming Co., 165 Landers St.; reinforcing steel to Truscon Steel Co., 604 Mission St.; lumber to J. H. McCallum, Bryant and Oak Grove Streets; underpinning to Harry Drake, 666 Mission St.; shoring to D. J. & T. Sullivan, 1940 Folsom Street.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 50 Osgood Place.
Alterations to cafe.
Owner—John Sobrate, premises.
Architect—R. R. Irvine, 3431 Market.
Contractor—San Francisco Const. Co., 2530 Lombard Street.

Contract Awarded
ALTERATIONS Cost, $7,000
SAN FRANCISCO. 134 Maiden Lane.
Alterations to building (Girard's Restaurant).
Owner—Mrs. McRacken and Mrs. O'Neil.
Architect—Robert Stanton, Carmel.
Contractor—Mullen Manufacturing Co. 60 Rausch Street. •

Contract Awarded
RESTAURANT Cost, $5,500
SAN JOSE, Santa Clara Co., Calif 340 East Taylor Street.
One-story frame restaurant.
Owner—O. Pieracci, 879 N 19th St San Jose.
Architect—Wm. Higgins, 19 N Second St., San Jose.
Contractor—John Gaiotto, 233 W St James St., San Jose.

Contract Awarded
ALTERATIONS Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. Tenth St. bet. I and J Sts.
Alterations and additions to Plaza building.
Owner—Mrs. Carrie Harris
Architect—Not Given.
Contractor—Mills Const. Co., 645 Russ Bldg., San Francisco

Contract Awarded.
STORES Cost, $9000
OAKLAND, Alameda Co., Cal. No. 3312 Lakeshore Avenue.
One-story brick store building.
Owner—L. D. Cummings, Haddon Rd., Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.

Contract Awarded.
ADDITIONS Cost, $1129
SAN FRANCISCO. Second and Bryant Streets.
Showcase in waiting room, new partitions, etc.
Owner—Schmidt Lithograph Co., Inc., Premises.
Architect—Not Given.
Contractor—Mills Constr. Corp., 546 Russ Bldg., San Francisco.

Planned.
STORE Cost, $——
MARYSVILLE, Yuba Co., Cal.
New store building.
Owner—Van Fleet Estate.
Architect—Not Given.
Present building on site will be razed.

Contracts Awarded.
REMODEL BLDG. Cost, $48,500
SACRAMENTO, Sacramento Co., Cal. Tenth Street bet. I and J Sts.
Remodel seven - story office building (recently damaged by fire).
Owner—West Coast Life Insurance Company.
Architect—S. Heiman, 605 Market St., San Francisco.
General Work—Mills Construction Co., 645 Russ Bldg., San Francisco.
Plumbing and Heating—Harvey Holland, 1715 P St., Sacramento.
Electric—Westinghouse Electric Elevator Co., 1 Montgomery Street, San Francisco.
Elevator Door and Cab—Patterson & Koster Iron Works, 280 13th St.,
Plastering—Thos. Scollan, 1309 J St., Sacramento.
Roofing—Bush Roofing Co., 750 Stockton Ave., San Jose.
Wiring—Wm. Foss, 3001 L St., Sacramento.
Glass—Habenicht & Howlett, 529 Clay St., San Francisco.

Plans Being Prepared.
MARKET Cost, $20,000
OAKLAND, Alameda Co., Calif. NE Telegraph Ave. and Sycamore.
One-story reinforced concrete concrete market (60x125-feet) truss roof, steel rolling doors, plumbing, wiring, painting, etc.
Owner—H. J. Walton.
Architect—S. Heiman, 605 Market St., San Francisco.
Bids will be taken from a selected list of contractors in about 1 week.

17— THEATRES

To Ask Bids Within One Week.
ALTERATIONS Cost, $——
NAPA, Napa Co., Cal. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

September 11, 1935

Prospective Bidders
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO, 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co., (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market.
Following will submit bids. Bids close Sept. 18, 2 P. M.:
G. P. W. Jensen, 320 Market Street.
Lindgren & Swinerton, 225 Bush St.
P. J. Walker Co., Sharon Building.
Jas. L. McLaughlin, 251 Kearny St.
F. R. Siegrist, 604 Mission Street.
Cahill Bros., 206 Sansome Street.
Jacks & Irvine, 620 Market Street.
Dinwiddie Const. Co., Crocker Bldg.
Hannah & Wooldridge, 268 Market.
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
All of San Francisco unless otherwise noted.

Sub-Bids Wanted.
ALTERATIONS Cost, $30,000
VALLEJO, Solano Co., Calif.
Alterations and additions to Strand Theatre (to seat 700; work involves painting, decorating, remodeling of exterior and interior)
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Sub-bids are being taken on roofing, plumbing, sheet metal, structural steel and lathing and plastering.

19—MISC. CONSTRUCTION

Revised Plans Being Completed.
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft) tile scum gutter.
Owner—City of Haywards.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Revised plans will be submitted to the City Council for approval on Sept. 18.

Plans Completed.
MAUSOLEUM Cost, $110,000
SAN PABLO, Contra Costa Co., Cal.
Reinforced concrete mausoleum (638 crypts) marble and bronze interior etc.
Owner — Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 535 Market St., San Francisco.
Bids will be asked shortly.

Contract Awarded
RADIO STATION Cost, $——
MONTEREY, Monterey Co. Cal. Near Municipal Wharf.
Radio broadcasting station.
Owner — Monterey Peninsula Broadcasting Company.
Architect—Not Given.
Contractor—Harold C. Geyer, 946 Hellam St., Monterey.

BIDS WANTED
KLAMATH AGENCY, Ore. — Until Sept. 13, 1:30 P. M., bids will be received by the Superintendent of the Klamath Indian Agency, Klamath Agency, Oregon, for furnishing and erecting one 80- and one 107-ft. galvanized steel lookout towers, equipped with inside stairways with frequent landings and continuous guard rails.
Specifications obtainable from above office and on file at the office of the Indian Warehouse, 23 Appraisers' Bldg., San Francisco.

GRANT APPROVED
MINES FIELD, Cal.—Public Works Administration has approved a grant of $1,239,000 for improvements at Los Angeles Municipal Airport, Mines Field. The money is to be used to finance the construction of an administration building and hangars. Los Angeles City Engineering Bureau officials are inspecting airport buildings and equipment in Kansas City and Chicago, preparatory to completing a $500,000 improvement program at the airport, including grading of the field, installation of a sewer system and the construction of runways.

TO AWARD CONTRACT
CALIFORNIA - NEVADA. — Board of directors of the Metropolitan Water District, Sept. 6, rescinded its action of August 30, rejecting all bids for the construction of the Boulder Dam-Aqueduct pumping plant transmission line. The board then rejected all but the low bid of Fritz Ziebarth, 808 Security Bldg., Long Beach, and returned the certified checks of the other bidders. The amount of the low bid was $407,246.71, the district to furnish the steel towers. The award can not be made until the board makes a decision on the type of conductor to be used, i.e., copper or aluminum.

Preliminary Plans Completed.
MUSEUM, ETC. Cost, $75,000
PENDLETON, Oregon.
Two-story and basement museum and community house (77x150 feet).
Owner—John Vert Community Assn.
Architect—Jones & Marsh, Woodlark Bldg., Portland.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED
OGDEN, Utah.—Following bids received by the Bureau of Reclamation, Denver, Colo., Sept. 3, under Spec. No. 716-D, for furnishing precast reinforced concrete pipe for use in construction of structures on canals in the Ogden River Project:
Utah Concrete Products Corp., Salt Lake City: (1) $15,162.87; (2) (3) (4) no bid.
Collins Concrete & Steel Pipe Co., Portland: (1) $18,621.62; (2) (3) (4) no bid.
Utah Concrete Products Co., Salt Lake City: (1) (2) no bid; (3) $19,872.05; (4) no bid.
Look Joint Pipe Co., Denver: (1) (2) (3) no bid; (4) $28,213.70.
Bids held under advisement.

BIDS OPENED
LOS ANGELES, Cal.—Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., Los Angeles, submitted the low bid to the Metropolitan Water Dist., Los Angeles, Sept. 3, at $9632 f.o.b. Los Angeles, for furnishing 140 lin. ft. steel movable telescoping forms for concrete cut-and-cover conduit, Spec. No. 122. The work involves:

(1) 4 sections of steel forms in 35-ft. sections, lump sum.

Consolidated Steel Corp., Ltd., Los Angeles—(1) $9632. No use tax. No discount. F.o.b. Los Angeles.

Western Pipe & Steel Co., Los Angeles—(1) $11,075. No use tax. No. discount. Net 30 days. F.o.b. Los Angeles.

Wisconsin Bridge & Iron Co., 1562 E. Slauson Ave., Los Angeles—(1) $11,225. F.o.b. Milwaukee, Wis. Use tax, $325, including in above price. Discount, ½ of 1% 10 days.

Pacific Iron & Steel Co., 241 W. Avenue 26, Los Angeles—(1) $13,962. F.o.b. 116th and Alameda Sts. No use tax. No discount.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing reinforcing steel under Bid No. 41054, were opened by Saul A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, September 4.

All prices were identical, except that all bidders did not submit figures on all schedules. The bidders, showing the schedules bid upon were:

Truscon Steel Co.—Sch. 1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13.

Security Materials Co.—Sch. 1, 3, 4, 6 and 7.

Blue Diamond Corp., Ltd.—Sch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13.

Concrete Engineering Co.—Sch. 1, 3, 4, 6, 7, 8, 9, 10, 11, 12 and 13.

Soule Steel Co.—Sch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13.

Los Angeles Iron & Steel Co.—Sch. 1, 3, 4, 5, and 6.

Trojan Steel Co.—Sch. 3 and 7.

The prices bid were:

Schedule 1—Item (1) $60.12; total $9254.27.

Schedule 2—Item (1) $58.40; total, $10,088.60; item (2) ¾-in. $.0788; total, $41.61; Item (2) 1-in. $.135; total, $371.39; item (4) $.15; total, $10,550.80.

Schedule 3—Item (1) $50.40; total, $1014.55.

Schedule 4—Item (1) $51.40; total, $13,973.60.

Schedule 5—Item (1) $60.90; total, $2371.49; item (2) $.135; total, $90.72; item (3) $.15; total, $10.05.

Total of Schedule 5—$2475.26.

Schedule 6—Item (1) $57.51; total, $1204.26.

Schedule 7—Item (1) $49.55; total, $3504.18.

Schedule 8—Item (1) $58.40; total, $5019.48; item (2) ¾-in., $.0788; total, $22.69; item (2) 1-inch $.135; total, $185.63; item (3) $.15; total, $24.90.

Total Schedule 8—$5252.70.

Schedule 9—Item (1) $59.20; total, $11,948.34; item (2) $.135; total, $339.07 item (3) $.15; total, $48.90.

Total Schedule 9—$12,437.07.

Schedule 10—Item (1) $58.80; total, $23,388.29; item (2) ¾-in., $.105; total, $5.15; item (2) 1-in., $.135; total $41.04 item (2) 1¼-in., $.165; total, $63.86; item (2) 7¼-in., $.195; total, $473.27; item (3) $.15; total, $52.50.

Total Schedule 10—$24,048.22.

Schedule 11—Item (1) $60.90; total, $9633.16; item (2) $.135; total, $348.17; item (3) $.15; total, $38.70.

Total Schedule 11—$10,020.03.

Schedule 12—Item (1) $58.40; total, $8144.46; item (2) $.135; total, $335.61; item (3) $.15; total, $37.50.

Total Schedule 12—$8517.57.

Schedule 13—Item (1) $58.40; total, $5019.48; item (2) ¾-in. $0.788; total, $22.69; item (2) 1-in., $.135; total, $185.63; item (3) $.15; total, $25.50.

Total Schedule 13—$5253.30.

Add sales tax in each case.

Deductions schedules 1 and 6, $3 ton and schedules 2, 5, 8, 9, 10, 11, 12 and 13, $5.00 ton to apply against total tonnage ordered, which deduction includes proportionate amount of sales tax deducted.

Terms, net cash, 30 days from date of invoice, less ½ of 1% payment within 10 days.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing sealing compound and white wash materials for curing concrete, in accordance with Specifications No. 123, were opened by the Metropolitan Water District, Los Angeles, Sept. 3. The materials required are:

(1) 230,000 gals. of coal tar pitch cutback;

(2) 575,000 lbs. of white wash materials with ingredients pre-mixed;

(3) (alt.) 575,000 lbs. white wash materials with ingredients separately packed.

F. E. Weymouth, General Manager and Engineer. The bids were:

Chubbuck Lime Co., 5000 Worth St., Los Angeles—(1) no bid, (2) 1.4c lb., total $8050. Use tax, $211.50. Grand total, item (2) $8291.50; (3) 1.4c lb. Use tax, $241.50. Total $8291.50. Discount, 2% 10 days. Delivery, Chubbuck, Calif. or Los Angeles.

Reilly Tar & Chemical Co., Indianapolis, Ind.—(1) 16.7c gal., $38,410. Use tax, $1152.30. Total $39,562.30. No discount. Delivery, f.o.b. cars plants Newark, N. J., or Chicago. Option to district to take 70,000 gals. (item 1) at 18½c f.o.b. Arrington, Utah, total $12,950, plus tax $388.50 balance of 160,000 gals. at Newark, N. J., or Chicago, at 16.7 c gal.

Morris Engr. Corp., 322 Transamerica Bldg., Los Angeles—(1) no bid; (2) 2.61c lb. $15,007.50. No use tax. No discount, f.o.b. 1701 W. Slauson Ave., Los Angeles.

The Barrett Co., 40 Rector Street, New York City, N. Y.—(1) 17.7c gal., $40,710. No use tax. Discount, 2% 30 days. Delivery, fast steamer from New York City.

Sherwin-Williams Co. of Calif., 3170 E. Pico Blvd., Los Angeles—(1)18¾c gal., $43,125.. Use tax, $1293.75; total, $44,418.75. Discount, 1% 10th prox. Delivery, f.o.b. cars or trucks at plant Chicago, Ill. If delivery desired at Rice or Freda, can deliver in tank cars or drums.

COMPLETE BID LISTING

BOULDER CITY, Nevada—Following is a complete list of bids received by the Bureau of Reclamation, Denver, August 29, under Spec. No. 640, for furnishing structural steel supports, gratings and handrailings for the walkways, stairs and ladders to be installed in the upper Arizona and upper Nevada tunnels at the Boulder Dam, Boulder Canyon:

(1) Supports.
(2) Gratings.
(3) Handrails.

Crane O'Fallon Co., f.o.b. Boulder City: (1) no bid; (2) no bid; (3) $3427.15.

Midwest Steel & Iron Works Co., f.o.b. Boulder City: (1) $15,717; (2) $13,938; (3) $5200.

United Materials, Inc., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

Hendrick Mfg. Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

American Bridge Co., f.o.b. Boulder City: (1) $17,409; (2) no bid; (3) $4831.

Pennsylvania Iron & Steel Co., f.o.b. Boulder City: (1) $15,860; (2) $13,485; (3) $3706; combinations: (1, 2 and 3) $32,718.

City Ornamental Iron Works, f.o.b. Los Angeles: (1) no bid, (2) no bid; (3) $4820.

Worden-Allen Co., f.o.b. Boulder City (1) $14,400; (2) $13,485; (3) no bid.

Welded Products Co., Inc., f.o.b. Boulder City (1) no bid; (2) $13,485; (3) no bid.

Associated Piping & Engineering Co., Ltd., f.o.b. Boulder City: (1) no bid; (2) no bid; (3) $4000.

Fabricated Steel Products Co., f.o.b. Boulder City: (1) no bid; (2) no bid; (3) $1748.

Arthur J. O'Leary & Son Co., f.o.b. Chicago: (1) $11,100; (2) $13,225; (3) $3700.

Ornamental Iron Work Co., f.o.b. Akron, Ohio: (1) $15,500; (2) no bid; (3) no bid.

John W. Beam, f.o.b. Peotone, Ill.: (1) $11,275; (2) $12,465; (3) $4330; combinations: (1, 2 and 3) $33,000

Gary Structural Steel Co., f.o.b. Boulder City: (1) $12,624; (3) no bid.

Consolidated Steel Corp., Ltd., f.o.b. Los Angeles: (1) $15,242; (2) $13,961; (3) $6006.

Superior Mfg. Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

E. Burkhardt & Sons Steel & Iron Works, f.o.b. Denver: (1) $20,284; (2) $18,253.52; (3) no bid.

Blaw-Knok Co., f.o.b. Boulder City: (1) $15,600; (2) $13,485; (3) no bid.

Dravo-Doyle Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

Reliance Steel Products Co., f.o.b. Boulder City: (1) $14,265; (2) $13,485; (3) no bid; combinations: (1, and 2) $26,460.

Stupp Bros. Bridge & Iron Co., f.o.b. St. Louis: (1) $12,670; (2) no bid; (3) no bid.

Kerlow Steel Flooring Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

Vulcan Rail & Constr. Co., f.o.b. Maspeth, N. Y.: (1) no bid; (2) no bid; (3) $3340.

William F. Klempt Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

Atlas Pipe Railing Co., Inc., f.o.b. Long Island City, N. Y.: (1) no bid; (2) no bid; (3) $4725.

Universal Mfg. Co., f.o.b. Boulder City: (1) no bid; (2) $13,485; (3) no bid.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnishing reinforcing steel under the Purchasing Department's Bid No. 44,054 were awarded by the Metropolitan Water District Sept. 6, as follows:

Blue Diamond Corp., Ltd., 1280.88 tons fabricated hoops under Schedules 2, 5, 8, 10, 11, 12 and 13 at $74,019.64 and 271.86 tons intermediate grade billet steel under Schedule 4 at $14,301.36.

Los Angeles Iron & Steel Co., 90.85 tons rail steel under Schedules 3 and 7 at $4622.79; and 174.87 tons intermediate grade billet steel cut and bent at $10,172.24.

CONTRACT AWARDED

OAKLAND, Cal.—Ross Carrier Co., 611 Howard St., San Francisco, at $4,985 awarded contract by the Oakland Port Commission for furnishing and installing one lumber carrier.

CONTRACT AWARDED

SAN FRANCISCO—Sudden Lumber Co., Evans and Quint Sts., San Francisco, at $3,724.69 plus $106.67 cartage charge to Sawyer's Camp, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1431, for furnishing Redwood and Oregon Pine lumber for the San Francisco Water Department.

MACHINERY & MTAERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until Sept. 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1138, for furnishing 15,000 ft. of 2¾-in. fire hose and 1,000 ft. of 1-in. chemical rubber hose.

Specifications obtainable from above office

WAR DEPARTMENT

FORT MASON, Cal.—Until Sept. 18, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Order No. 928-36-57, R.M. 40, Memo 7338, for furnishing:

(1) one electric truck (less battery) platform type, 4-wheel, not less than 2,000 lb. capacity;
(1a) (alt.) one gasoline powered truck platform type, 4-wheel, 2-wheel drive, not less than 2,000 lb. capacity;
(2) 1 battery for above electric truck.

Specifications obtainable from above office.

FORT MASON, Cal.—Until Sept. 18, 10 A. M., as previously reported, bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Order No. 928-36-57, R.M. 40, Memo 7338, for furnishing one electric truck (less battery) platform type, 4-wheel, not less than 2,000-lb. capacity, and one battery for above electric truck.

Original bid form calling for alternate bids on a gasoline truck has been changed and bids will only be received for the electric truck.

Specifications obtainable from above office. (....)

EAST BAY UTILITY DIST.

OAKLAND, Cal. — Until September 18, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., John H. Kimball, Secretary, 512 16th St., Oakland, under Proposal No. LS-154, for furnishing:

(1) 54,500 lin. ft. 3/16-in. thick, 24-in. diam. electric welded sheet steel pipe.
(2) 11,000 lin. ft. 3/16-in. thick, 20-in. diam. do.

Materials are required for the distribution system.

MET. WATER DISTRICT

LOS ANGELES, Cal. — Until Sept. 25, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., Los Angeles, for furnishing electrical conductor, connectors, repair sleeves, suspension clamps, armor rods, and vibration dampers for the 230-Kv transmission line and appurtenant works, between Boulder dam and the Colorado River Aqueduct pumping plants. Specifications No. 126.

Bids are invited for furnishing hollow copper and steel-reinforced aluminum conductor.

Plans may be obtained from the engineer, room 1007, 306 W. 3rd St., Los Angeles, upon payment of $2 per set, not returnable.

Certified or cashier's check, $50,000. F. E. Weymouth, General Manager and Chief Engineer.

SANTA CRUZ COUNTY

SANTA CRUZ, Santa Cruz Co., Cal. Until Sept. 16, 9 A. M. (to be opened at 9:30 A. M.) bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing:

(1) 30 c.y. 1:2:4 mix Portland cement concrete;
(2) 125 tons pre-mixed asphaltic concrete and rock or calrock;
(3) 350 tons of crusher run base rock;
(4) 9 bbls. emulsified asphaltic L3X road oil.

Delivery fob trench site.

Specifications obtainable from above office.

SANTA CRUZ, Santa Cruz Co., Cal. —Until Sept. 16, 9 A. M. (to be opened at 9:30 A. M.) bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing:

(1) 1,610 pounds Leadite;
(2) 50 lbs. ¾-in. braided hemp packing.

Delivery fob City Corporation Yards Santa Cruz.

(1) Compound water meter 3x¾-in., Model C.I. all-bronze type or equal, as made by Hersey Mfg. Co., of South Boston, Mass.

Delivery fob City Corporation Yards Santa Cruz.

Specifications obtainable from above office.

SANTA CRUZ, Santa Cruz Co., Cal. —Until Sept. 16, 9 A. M. (to be opened at 9:30 A. M.) bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing:

(1) 512 l.f. Class 150 cast iron pipe, 8-in. diameter;
(2) 666 l.f. do. 10-in. diameter;
(3) 200 l.f. do. 4-in. diameter;
(4) 2 tees 4x10x10-in.;
(5) 3 tees 4x8x8-in.;
(6) 1 reducer, 8x14-in.;
(7) 1 cross 8x8x14-in.;
(8) 1 wye, 6x6x4-in.;
(9) 1 wye 6x6x6-in.;
(10) 1 45-degree bend, 4-in.;
(11) 1 45-degree bend, 6-in.

All fittings shall be bell cast iron.

Specifications obtainable from above office.

SANTA CRUZ, Santa Cruz Co., Cal —Until Sept. 16, 9 A. M. (to be opened at 9:30 A. M.) bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing:

(1) 1,330 l.f. ¾-in. copper service pipe outside diameter 0.875, wall thickness 0.065 with ASTM Class A specifications;
(2) 53 corporation stops with straight coupling nuts, size ⅝-in.;
(3) 53 ground key curb stops without check, size ⅝-in.;
(4) 53 three part unions copper to copper, ¾-in.

Delivery fob City Corporation Yards Santa Cruz.

Specifications obtainable from above office.

SANTA CRUZ, Santa Cruz Co., Cal. — Until Sept. 16, 9 A. M. (to be opened at 9:30 A. M.) bids will be received by the Santa Cruz City Council, S. A. Evans, City Clerk, City Hall, Church St., for furnishing:

(1) 8 6-in. adjustable valve boxes, with top, box and sleeve;
(2) 1 4-in. standard double gate valve
(3) 1 6-in. do;
(4) 1 4-in. horizontal check valve.

Delivery fob City Corporation Yards Santa Cruz.

Specifications obtainable from above office.

ELDORADO COUNTY

PLACERVILLE, El Dorado Co., Cal. —Until October 8, 2 P. M., bids will be received by the El Dorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Placerville, for the sale of one portable air compressor and equipment.

The compressor may be seen and examined on the Mother Lode Highway on the J. B. Wagner ranch, located at Pilot Hill.

KERN COUNTY

BAKERSFIELD, Kern Co., Calif.—Until Sept. 16, 5 P. M. (to be opened 8 P. M.) bids will be received by the Bakersfield City Council, V. Van Ripper, City Clerk, City Hall, for furnishing one 150-hp. Diesel powered tractor, suitable for use by the Street Department.

Specifications obtainable from the city manager.

HUMBOLDT COUNTY

EUREKA, Humboldt Co., Cal.—Until Sept. 17, 5 P. M., (to be opened at 8 P. M.) bids will be received by John Griffith, Supt. of Public Works, 524 D St., Eureka, for furnishing 600 l.f. of 12-in. Class B or mono cast or centrifugal cast, bell and spigot cast iron water pipe.

Delivery fob dock, Eureka, 60 days after award of contract.

Specifications obtainable from above office.

CANAL ZONE

PANAMA CANAL ZONE. — Until Sept. 17, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3087, for furnishing miscellaneous supplies and equipment, including:

Coupe - type automobile, iron and steel car wheels, metal beds, pin-hole grinding machine, warehouse trucks, copper cable, wire rope, magnet wire, twist drills, pipe dies, assorted files, shovels, scoops, spades, sledge hammers, crosscut saws, machetes, rakes, clay picks, hollow mortising chisels, scythe blades, tinners' snips, bronze letters and numerals, reflector traffic signals, aluminum folding rules, wire fencing, extension ladders, antifriction metal, asphalt-prepared roofing, roofing felt, dry white lead, shellac, lard oil, transformer insulating oil, hydrochloric acid, carbon bisulphide, calcium carbide, calcium chloride, foundry sand, fire-clay bricks, foundry coke, ferromanganese, and lumber (Southern yellow pine, poplar and white oak).

Specifications obtainable from above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

LOW BIDDER

KLAMATH COUNTY, Ore. — C. J. Montag, Couch Bldg., Portland, at $160,735 submitted low bid to Oregon State Highway Commission, R. H Baldock, State Highway Engineer at Portland, for the construction of a 92-ft. steel deck girder span on concrete piers and 1115 l.f. of concrete viaduct approach over Klamath River and Great Northern Railroad about 3 miles south of Klamath Falls on the Klamath Falls-Weed Highway, Federal Aid Project No. 205-C.

CONTEMPLATED

YUBA COUNTY, Cal. — Board of Supervisors has directed County Engineer Oscar Lanzendorf to make preliminary plans for a new steel bridge across the Feather River at Nicolaus. Replacement of the existing bridge, using existing concrete piers, is estimated at $125,000.

CONTRACT AWARDED

DOUGLAS COUNTY, Ore. — Mountain States Const. Co., Eugene, at $92,800 submitted low bid and awarded contract by Oregon State Highway Commission, Portland Sept. 5, for construction of 54 29-ft. composite pile trestle spans and one 41-ft. 2-in. removable 1-beam span with 27-foot roadway and two sidewalks over the Smith River on the Oregon Coast Highway near Reedsport, Federal Aid Project No. 140-D.

Total bids follow:

Mt. States Const. Co., Eugene	$92,800
Tom Lilleho, Reedsport	97,631
Shattuck & Neland, Portland	99,603
Teufel & Carlson, Seattle	101,311
C. J. Montag & Son, Portland	105,942
Kuckenberg-Wittman, P'tland	109,311
Parker-Schram Co., Portland	118,147
Mercer-Frazer Co., Eureka	119,973
P. L. Crooks Co., Portland	128,270

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

PORTLAND, Ore.—Until Sept. 18, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, Major Milo P. Fox, District Engineer, 306 Customhouse, Portland, under Bid No. 698-36-96, for: (a) construction of a dock, sheet piling bulkhead and certain excavation; and (b) construction of certain loose rock embankments and hand - laid rip - rap slopes at the U. S. Government Moorings, No. 8010 NW St. Helens Road, Portland.

The work involves:

Section "A"

(1) 19,400 l.f. sheet piling, in place;
(2) 1,400 lbs. metal fastenings, in place, for Item No. 1;
(3) 33 c.y. excavation;
(4) 5,500 l.f. piling, in place;
(5) 18,000 ft. b.m. lumber, treated, in place;
(6) 59,400 ft. b.m. lumber, untreated, in place;
(7) 1,500 lbs. metal fastenings, in place, for Items 5 and 6.

Section "B"

(8) 1,310 sq. yds. hand laid riprap, in place;
(9) 2,200 c.y. loose rock, in place.

Plans and specifications obtainable from the above office.

BIDS WANTED

SAN DIEGO, Cal.—Until Sept. 24, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8072, for repairs to concrete wharf and bulkhead at the Naval Operating Base (Aair Station) San Diego.

The work includes repairs to the existing concrete superstructure of concrete wharf and exposed faces of the existing concrete bulkhead which have deteriorated, cracked and spalled, due primarily to rusting of reinforcing steel. The repairs will consist of the breaking out of the concrete as required to expose and clean the reinforcing steel, the cleaning and sand-blasting of the exposed concrete surfaces and the exposed reinforcing steel, and the building up and replacing of the broken out concrete by the cement gun method. The work also includes the waterproofing of the repaired areas of the concrete wharf.

Plans and specifications obtainable from the above office upon deposit of $10.00.

TO ASK FUNDS

HUENEME, Ventura Co., Cal. — Oxnard City Council has voted to accept the proposal of Richard Bard of the Hueneme Dock Corp., to accept the proposed Hueneme harbor as a municipal project. The council also voted to apply for a PWA grant of $760,000, and to accept financing by the Hueneme Dock Corp. to the extent of $935,000, under a lease and franchise agreement. City Attorney Charles F. Blackstock was authorized to file the application in Los Angeles. The proposed work involves construction of a channel protected by a stone jetty, a central turning basin, wharfage facilities, transit sheds, trackage, and necessary highways. Colfl Chas. T. Leeds, 605 West 10th St., Los Angeles, is the Chief Engineer. Richard Bard is president, Harold A. Forbes, vice-president, and Herbert G. Lyttle, secretary.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

23—IRRIGATION PROJ.

FUNDS GRANTED

MODESTO, Stanislaus Co., Calif.—The Federal Public Works Administration has allotted a grant of $32,175 to aid in financing the repairing and lining of the Modesto Irrigation District's main canal. Plans have been prepared and will be sent to the PWA for approval. Total estimated cost of the work is $72,000.

Neil M. Cecil, Irrigation Engineer

25—MACHINERY AND EQUIPMENT

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colorado, Aug 23, under Spec. No. 710-D, for furnishing one relay board for installation in the 287.5 kv. switch yard at the Boulder Power Plant, Boulder Canyon Project:

Wolfe & Mann Mfg. Co., Baltimore. $2213.

Westinghouse Electric & Mfg. Co., Denver. $4200.

Mine & Smelter Supply Co., Denver, $4200.

General Electric Co., Schenectady, New York. $4315.

All bids net, f.o.b. Boulder City.

BIDS OPENED

OGDEN, Utah.—Following bids received by the Bureau of Reclamation, Denver, Colorado, August 29, under Sec. No. 714-D, for furnishing three motor-driven, double drum, radial gate hoists; two 4x5-ft. and one 5x6-ft. high pressure gates, together with hydraulic hoists, gate hangers, conduit lining sections and conduit lining transitions; and two remote control gate-position indicators for installation in the spillway and outlet works at the Pine View Dam, Ogden River project, Utah:

(1) Hoists;
(2) Gates.

Hardie Tynes Mfg. Co., f.o.b. Birmingham: (1) no bid; (2) $17,995.

Joshua Hendy Iron Works, f.o.b. Sunnyvale, Calif.: (1) no bid; (2) $20,029.

Commercial Iron Works, f.o.b. Portland, Ore.: (1) $2695; (2) no bid.

Thomas Spacing Machine Co., f.o.b. Glenshaw, Pas.: (1) $3320; (2) $29,980; combination, $24,100.

Long Beach Iron Works, f.o.b. Long Beach, Calif.: (1) $2850; (2) no bid.

John W. Beam, f.o.b. Denver, Colo.: (1) $3500; (2) no bid.

Beall Pipe & Tank Corp., f.o.b. Portland, Ore.: (1) $3033; (2) no bid.

Lake Shore Engine Works, f.o.b Marquette, Mich.: (1) $4650; (2) no bid.

Western Foundry Co., f.o.b. Portland, Ore.: (1) $2679; (2) no bid.

Rosedale Foundry & Machine Co., f.o.b. Pittsburgh Pa.: (1) $3250; (2) $19,100.

Steacy Schmidt Mfg. Co., f.o.b. York, Pa.: (1) no bid; (2) $19,730.

Baxter Foundry & Machine Works, fob Ogden: (1) $3555.50; (2) no bid

Bids held under advisement

BIDS OPENED

RYE PATCH DAM, Nevada — Following bids received by the Bureau

Reclamation, Denver, Colorado, Sept. 4, under Spec. No. 713-D, for furnishing five power-driven, double-drum, radial-gate hoists with one portable gasoline engine driven unit, and four 3-ft. 6-in. x 3-ft 6-in. high pressure gates, together with frames, hoists, and semi-automatic gate hangers, hydraulic gate hangers, conduit linings, and conduit lining transitions for installation in spillway and outlet works of the Rye Patch Dam, Humboldt Project, Nevada.

(1) Radial gate hoists;
(2) High pressure gates.

Rosedale Fdry. & Machine Co., fob Pittsburgh, Pa.: (1) $5700; (2) $14,100.

Ottumwa Iron Works, f.o.b. Ottumwa, Iowa: (1) no bid; (2) $11,200.

Ogden Iron Works, f.o.b. Ogden, Utah (1) $6788; (2) no bid.

Commercial Iron Works, f.o.b. Portland, Ore.: (1) $5352; (2) $10,723; combination, $15,673.

Western Foundry Co., fob Portland, Oregon: (1) $4297; (2) $11,025.

Hardie-Tynes Mfg. Co., f.o.b. Birmingham, Ala.: (1) no bid; (2) $16,890.

Joshua Hendy Iron Works, f.o.b. Sunnyvale, Calif.: (1) no bid; (2) $16,400.

Lake Shore Engine Works, f.o.b. Marquette, Mich.: (1) $8100; (2) no bid.

Baxter Foundry and Machine Works, f.o.b. Rye Patch, Nev.: (1) $6,204.27; (2) no bid.

Long Beach Iron Works, f.o.b. Long Beach, Calif.: (1) $6425; (2) $13,488; combination, $19,600.

Thomas Spacing Machine Co., f.o.b. Glenshaw, Pa.: (1) $6260; (2) $15,250; combination. $21,200.

Bids held under advisement.

CONTRACT AWARDED

LOS ANGELES, Cal.—Harnischfeger Corp., 2029 Santa Fe Ave., Los Angeles awarded contract by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, at $21,000 each, for furnishing 4 dragline excavating machines under Bid No. ER509-36-16.

CONTRACTS AWAROED

BOULDER CITY, Nev. — American Bridge Co., Pittsburgh, Pa., at $67,779 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 634, for furnishing structural steel transmission towers and swithyard structures for circuits Nos. 2, 4 and 5 at the Boulder Power Plant.

Complete bids published August 7.

Cutler Hammer Co., Milwaukee, at $126,680 has been awarded contract for furnishing control equipment.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., Sept. 9, under Spec. No. 639, for furnishing two vertical - shaft, 115,000 - hp., 180-rpm. hydraulic turbines and two governors with pumping equipment for regulating the speed of the turbines for installation in Boulder Power Plant, Boulder Canyon Project:

Schedule (1): two 115,000-hp. hydraulic turbines; (a) spare parts; (b) deduct for omitting grinding apparatus and wheels.

Schedule (2) Governors for turbines; (a) spare parts.

Pelton Water Wheel Co., San Francisco: rail shipment: (1) $551,000; (1a) $27,399.50; (1b) $2,500; (2) no bid.

Pelton Water Wheel Co., San Francisco: water shipm't: (1) $556,000 (1a) $27,399.50; (1b) $2,500; (2) no bid.

Newport News Shipbuilding Co., N. Y., rail shipment: (1) $568,875; (1a) $28,600; (1b) $8,685; (2) no bid.

Newport News Shipbuilding Co., N. Y., water shipment: (1) $573,845; (1a) $28,600; (1b) $8,685; (2) no bid.

S. Morgan Smith Co., York, Pa.: rail shipment: (1) $736,175; (1a) $26,953.50; (1b) $2,000; (2) no bid.

S. Morgan Smith Co., water shipment: (1) $740,175; (1a) $26,953.50; (1b) $2,000; (2) no bid.

Allis-Chalmers Mfg. Co., Milwaukee rail shipment: (1) $739,800; (1a) $57,519; (1b) $4,970, (2) no bid.

Allis-Chalmers Mfg. Co., Milwaukee, water shipm't: (1) $711,495; (1a) $37,519; (1b) $4,970; (2) no bid.

Woodward Governor Co., Rockford, Ill.: rail shipment: (1) no bid; (2) $30,800; (2a) $500.

Woodward Governor Co., Rockford, Ill.: water shipment: (1) no bid; (2) $31,840; (2a) $500.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., Sept. 9, under Spec. No. 638, for furnishing and installing two 82,500-kv-a, 180 - rpm, vertical - shaft, alternating current generators for Boulder Power Plant, Boulder Canyon Project:

(1) two 82,500-kv-a generators;
(2) total spare parts.

General Electric Co., fob Schenectady, N. Y.: (1) $1,342,000; (2) $52,185.

Westinghouse Electric & Mfg. Co., fob East Pittsburgh, Pa.: (1) $1,389,000; (2) $52,280.

Allis-Chalmers Mfg. Co., fob Milwaukee: (1) $1,423,880; (2) $53,295.

Bids held under advisement.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Colo., Sept. 9, under Spec. No. 717-D, for furnishing one diesel engine - powered towboat with equipment for service on Boulder Reservoir, Boulder Canyon Proj.:

Harbor Boat Bldg. Co., fob Terminal Island, Calif., $17,975.

Tregoning Boat Co., fob Seattle: $17,250; Alt., $17,770.

Wm. M. Whiting, Long Beach: $21,985.

Boat Service Co., Inc., fob New Orleans: $18,840; Alt., $19,340.

S. E. Sagstad Boat Works, fob Seattle: $17,055.

Bids held under advisement.

26—— RAILROADS

CONTRACT AWARDED

WESTWOOD, Lassen Co., Calif.—Bert Yarbrough, Westwood, at $.14 per track foot (based on hand laying) awarded contract by the Red River Lumber Co., Westwood, for furnishing labor only required to lay approximately six miles of track on the company's Chester main line railroad between approximately 1¼ miles from Red River Junction into the Rock Creek area on a grade now being prepared by the company's construction department.

Complete bids follow:

Bert Yarbrough, Westwood, $0.11 (hand).

Ray Fenner, Susanville, $0 125 (machine).

J. A. Price, Westwood, $0.13 (machine).

Claus Johnson, Westwood, $0.135 (machine).

Dugan & Lyngar, Westwood, $0.18 (machine).

28 — FIRE EQUIPMENT

BIDS WANTED

RIO VISTA, Solano Co., Cal.—Until September 12, 8 P. M., bids will be received by the Rio Vista City Council, E. N. Hitchcock, City Clerk, City Hall, for furnishing a combination rescue squad and light wagon for the Fire Department.

Specifications obtainable from the above office.

BIDS WANTED

MARYSVILLE, Yuba Co., Calif.—Until Sept. 16, 8 P. M., bids will be received by the Marysville City Council, Chester O. Gates, Clerk, City Hall for furnishing a fully equipped fire engine for the Fire Department.

The engine will be quipped with a 750-gal. pumper, a 300-gal. auxiliary tank, dual rear wheels with 4-wheel brakes, 900 ft. of 2½-in. hose and 200 ft. of 1-in. hose, ladders, tools and incidental fire-fighting equipment.

Specifications obtainable from above office.

29—STREETS AND HIGHWAYS

BIDS OPENED

WHATCOM CO., Wash.—Northwest Const. Co., 3950 Sixth N.W., Seattle, at $82,754.50 (metal pipe alternate), submitted low bid to Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for reconstruction grading 4.620 miles of Project 6-47, located within the Mt. Baker-National Forest, Whatcom County.

(1) corrugated galv. metal pipe;
(2) reinforced concrete pipe.

Complete bids follow:

Northwest Const. Co., Seattle: (1) $82,754; (2) $83,414.

Lucich & Co., Seattle: (1) $85,035; (2) $85,410.

L. Romano Engr. Co., Seattle: (1) $85,886; (2) $86,486.

J. D. Harms, Inc., Seattle: (1) $87-873; (2) $88,548.

Halloran Bros., Seattle: (1) $88,414; (8) $88,976.

Wilder & Montfort, Blaine, Wash.: (1) $93,970; (2) $94,473.

Alex Besoloff, Seattle: (1) $95,753; (2) $96,444.

Elliott & Co., Seattle: (1) $99,087; (2) $100,047.

C. L. Creelman, Seattle: (1) $99,770; (2) $100,270;

A. C. Greenwood Co., Inc., Portland: (1) $104,090; (2) $104,840.

P. L. Crooks Co., Inc., Portland: (1) $116,862; (2) $117,050.

BIDS WANTED

STATE OF WASHINGTON.—Until Sept. 17, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Snohomish County: Grading, draining and constructing treated pile and timber trestles on about 4.2 miles of State Rd. No. 1, Island School-North, Public Works Project No. 5960 in Snohomish County, involving about 26 acres of clearing, 383,705 cu. yds. of excavation, 320 cu. yds. of screened gravel surfacing, 741 cu. yds. of concrete, 103,430 lbs. of steel reinforcing bars, 13,500 lin. ft. cable guard rail Design No. 6, 125 MBM treated timber and lumber, 340 cu. yds. sack rip rap (concrete Class C), 7,063 lin. ft. of pipe culverts and other items.

Stevens County: Grading, draining, and surfacing with crushed stone on about 1.9 miles of State Road No. 3, Colville to Palmers Siding, U. S. W'ks Program Highway Project No. WPH 154-E, in Stevens County, involving about 24,150 cu. yds. of excavation, 6820 cu. yds. of crushed stone surfacing, 30 cu. yds. of concrete, 528 lin. ft. of pipe culverts and other items.

Skamania County: Grading & draining on about 1.8 miles of State Road No. 8, Cooks East to Underwood West Section 3, U. S. W'ks Program High-

way Project No. WPH 112-H in Skamania County, involving about 9 acres of clearing, 162,340 cu. yds. of excavation, 2,610 cu. yds. of concrete, 100-850 lbs. of steel reinforcing bars, 216 lin. ft. of pipe culverts and other items.

Stevens County: Grading, draining, and surfacing with crushed stone on about 2 miles of State Road No. 22, Onion Creek to Hudson Spur Public Works Project No. 7570, in Stevens County, involving about 14 acres of clearing, 74,250 cu. yds. of excavation, 1,610 cu. yds. of placing crushed stone surfacing, 7.5 MBM timber and lumber, 142 cu. yds. cement rubble masonry, 642 lin. ft. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00.

BIDS WANTED

LEWIS COUNTY, Wash. — Until Sept 11, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, Ore., for grading 1.634 miles of the Mt. Rainier National Park Stevens Canyon Project 4-E2, located within the Mt. Rainier National Park, Lewis County.

The wok involves:

(1) 3 acres extra clearing;
(2) 11 acres grubbing;
(3) 160,00 cu. yds. unclassified excavation;
(4) 50,000 sta. yds. overhaul;
(5) 1.7 mi. finishing earth graded rd.
(6) 5200 lin. ft. rounding cut slopes;
(7) 88 MFBM untreated timber in place (temporary trestles);
(8) 3600 cu. yds. mi. overhaul and cushion haul;
(9) 4400 cu. yds. masonry;
(10) 500 lin. ft. culverts (Alt.);
(11) 200 cu. yds. masonry guardrail (Type 2);
(12) 50 lin. ft. extra strength reinforced concrete pipe in place;
(13) Lump sum, slope stabilization.

Plans and specifications obtainable from the above office.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the lay out and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on September 11 and 18 and in Los Angeles on September 12, 1935:

IX-Ker-145-ABC bet. Johannesburg and Rt. 23. Bids to be opened Sept. 11 (PLANS) No. of Sheets, none; (CROSS-SECTIONS) No. of Sheets. none

VIII-SBd - Ker-145-D,E,A, between Johannesburg and Rt 58. Bids to be opened Sept. 12. (PLANS) & (CROSS-SECTIONS, none.

XI-S.D-195-D,E between Rincon and Morettis. Bids to be opened Sept. 12. (PLANS) none; (CROSS-SECTIONS). none.

IV-Mrn-1-C bet. Greenbrae and Alto Bids to be opened Sept. 18. (PLANS) 2, no charge; (CROSS-SECTIONS). none.

IV-Son-Sonoma State Home. Bridge across Sonoma Creek. Bids to be opened Sept. 18. (PLANS) No. of sheets, 1; cost, 10c; (CROSS - SECTIONS), none; total, 40c.

IX-Ker-115-A,B. bet. 2 miles SW of Searles and Ridemacher. Bids to be opened Sept. 18. (PLANS) No. of sheets 13; cost, $1.30; (CROSS-SECTIONS) No. of sheets, 83; cost, $8.30; total, $9.60.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Guy F. Atkinson Co., Russ Bldg., aSn Francisco, at $228,471.50 awarded contract by the Bureau of Public Roads, San Francisco, for 4.103 miles of grading on Sections A and B of Route 61, the Angeles Crest National Forest Highway, Angeles National Forest, Los Angeles Co.

CONTRACT AWARDED

SACRAMENTO CO., Calif.—Heafey-Moore Co., 344 High St., Oakland, at $14,395.65 submitted low bid and was awarded contract by the Sacramento County Board of Supervisors for the resurfacing of Rio Linda Blvd., involving:

(1) 17,000 l.f. headerboard;
(2) 3,245 tons asphaltic concrete.

Complete bids follow:

Heafey-Moore Co., Oakland: (1) $0.-085; (2) $3.97; total, $14,395.65.

McGillivray Const. Co., Sacramento, (1) $0.12; (2) $4.12; total, $15,505.40.

A. Teichert & Son, Inc., Sacramento (1) $0.10, (2) $4.32, total, $15,798.10

Union Paving Co., San Francisco (1) $0.10, (2) $4.94, total, $17,810.30

BIDS WANTED

MONTEREY COUNTY, Cal. Until Sept. 24, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, District Engineer, 50 Higuera St., San Luis Obispo, for applying seal coat on 8.7 miles in Monterey County, between King City and two miles south of Greenfield.

Plans and specifications obtainable from the above office.

BIDS WANTED

COLUMBIA COUNTY, Wash.—Until October 1, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for constructing cable guard rail on about 1.9 miles of State Road No. 3, Dayton to New Hope in Columbia County, involving about 10,840 l.f. of cable guard rail Design No. 2.; State project.

Plans and specifications obtainable from the above office upon deposit of $2.00.

BIDS WANTED

PIERCE CO., Wash.—Until Oct. 1, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for paving with cement concrete and asphaltic concrete about 1.9 miles of State Road No. 1, South Tacoma Way between South 40th and South M Sts., Tacoma; U. S. Works Program Highway Projects WPMH 171-F and WPMH 171-I, in Pierce Co., involving about 15,595 sq. yds. of con-

SEAL BEACH—SEWAGE TREATMENT PLANT — CITY

SEAL BEACH ,Cal.—H. A. Teget, 133 Princeton St., Ontario, at $55,426 submitted low bid to the Seal Beach city council Sept. 5 for constructing a sewage treatment plant in acordance with plans prepared by Currie Engineering Co., 219 Andreson Bldg., San Bernardino. The proposed plant will be of the trickling filter, sludge digestion type.

The work will involve:

$12 c.y. excavation;
552 c.y. concrete;
2,500 sq. ft. cement finish floors and walls;
45,000 lbs. reinf. steel;
4,000 brick;
16.75 MFBH rough lumber;
millwork;
steel sash;
roofing, tile and composition;
75 ft. gal. pipe handrail;
miscellaneous iron;
painting;
plumbing fixtures;
cast iron pipe and fittings;
3 8-in. gate valves;
1 12-in. gate valve;
32 ft. 6-in. vitrified sewer pipe;
240 ft. 18-in. do;
1,008 ft. 12-in. do;
100 ft. 24-in. do;
vitrified sewer pipe fittings;
165 ft. 6-in. tile drain;
4,050 ft. 4-in. Plymouth filter underdrains;
2 2½-in. galvanized gate valves;
4 1½-in. do;
1 2½-in. gas check valve;
40 ft. 2½-in. galv. pipe & fittings;
230 ft. 1½-in. do;
80 ft. 2-in. do;
150 ft. 1-in. do;
20 ft. ¾-in. do;
16 ft. 2-in. black iron pipe and fittings;
16 ft. 1½-in. do;
60 ft. chlorine conduit;
155 ft. chlorine hose;
1 15-in. dia. butterfly valve;
1 12-in. dia. do;
3 standard manholes;
1 chlorinator;
1 500-lb. scale;
2 sewage pumps and motors;
1 sludge pump and motor;
1 hot water pump;
1 circulating pump;
primary clarifier equipment;
switchboard, etc.;
1,800 c.y. filter stone;
17 c.y. pea gravel;
38 c.y. sand;
1 sludge-bed glassover;
Pump Station "A", inc. 2 sewage pumps, one blower with pumping plant panels, and outlets;
Pump Station "B" do.

The items bid on were:

(1) treatment plant;
(2) plump station "A";
(3) pump station "B";
(4) 1008 ft. 12-in. vitrified sewer;
(5) 240 ft. 18-in. vitrified sewer;
(6) 3 manholes;
(7) deduction for omission of filter reof;
(8) do for glassover.

The bidders were:

(A) H. A. Teget.
(B) W. W. Hoagland.
(C) Oscar Oberg.
(D) V. Lovrich and L. B. Konjevod.
(E) Contracting Engineers, Inc.

The bids were:

	(1)	(2)	(3)	(4)	(5)	(6)	Total	(7)	(8)
(A)	$47,000	$2695	$2650	$2.00	$3.50	$75	$55,426.00	$3500	$2400
(B)	50,550	3434	3422	1.50	3.00	100	59,938.00	4800	2450
(C)	55,100	3500	3500	2.50	3.50	150	65,910.00	4800	2500
(D)	61,505	2503	2319	2.51	3.70	65	69,940.08	4670	2600
(E)	53,116	3300	3000	.....	.....	.....	.....	2500	2200

crete pavement, 1,295 c.y. of concrete pavement, 8,928 tons of asph. concrete pavement; 10,927 l.f. of sewer pipe and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00. *

BIDS WANTED

BENTON FIELD, Alameda.—Until Sept. 26, 10 A. M., bids will be received by the Constructing Quartermaster, Fort Mason, for constructing concrete pavements at Benton Field Air Depot, Alameda.

The work involves:
(1) 47,200 sq. ft. paved roads;
(2) 200 l.f. integral curb and gutter, Type B;
(3) 1,540 l.f. expansion joints;
(4) 1,920 l.f. construction joints;
(5) 98 l.f. 2-in. steel pipe, asphalt coated;
(6) 98 l.f. 4-in. do;
(7) 220 l.f. 6-in. do;
(8) 45 l.f. 6-way electric duct line in concrete;
(9) 113 l.f. 3-way do.

Plans and specifications obtainable from the above office.

BIDS WANTED

OAKLAND, Cal. — Until Sept. 23, 4:30 P. M., bids will be received by City of Oakland Port Commission, for paving apron wharf, Seventh Street Unit, Outer Harbor, Oakland. Work involves 20,000 square feet of asphalt concrete pavement. *

BIDS OPENED

KERN COUNTY, Cal.—Jack Casson 319 Warren St., Hayward, at $16,414.90* submitted low bid to the State Highway Commission, Sacramento, for about 35.5 miles applying road-mix surface treatment between Johannesburg and Route 23, in Kern County.

The work involves:
(1) 1405 tons liquid asphalt, SC-2;
(2) 33.4 miles preparing, mixing and shaping roadbed.

Total bids follow:
(A) Jack Casson, Hayward, $16,414.90*
(B) A. S. Vinnell Co., Los Angeles, $26,010.50.
(C) J. C. Compton, McMinnville, Ore., $26,599.
(D) Basich Bros., Torrance, $20,918.30.
(E) John Jurkovich, Fresno, $30,220.
(F) Oilfields Trucking Co., Bakersfield and Stewart & Nuss, Inc., Fresno, $30,303.07.
(G) Clyde Wood, Stockton, $30,615.
(H) Martin Bros. Trucking Co., Long Beach, $34,551.50.

Unit bids follow:

	(1)	(2)
(A)	$11.60	$ 3.50
(B)	11.50	295.00
(C)	11.80	300.00
(D)	11.50	412.00
(E)	12.00	400.00
(F)	11.50	423.52
(G)	12.40	395.00
(H)	13.30	475.00

*NOTE: The bid of Jack Casson contains an apparent error in the bid price on Item 2. The bid will be referred to the Legal Department of the Division of Highways for decision. The total bid submitted by Casson was $27,988; the corrected total, as computed by the Highway Commission, was $16,414.90.

BIDS OPENED

SHASTA & LASSEN COUNTIES, Cal.—Dunn & Baker, Klamath Falls, at $43,211 submitted the only bid received by the State Highway Commission, Sacramento, for applying 19.7 miles of armor coat between Fall River Mills and Nubieber, involving:
(1) 26 tons liquid asphalt SC-2 (shoulders);
(2) 186 tons asphaltic emulsion 90-95 (armor coat);
(3) 5270 tons screenings (armor coat)
(4) 2000 tons screenings in stockpiles.

Unit bids follow: (1) $20; (2) $25; (2) $4.30; (4) $4.00. *

BIDS OPENED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., San Francisco, at $751.44 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,881, for reconstruction of roadway of Clifford Terrace, between Roosevelt Way and a line 247.48 feet east of Upper Terrace.

The work involves:
(1) 3610 sq. ft. remove brick wearing surface and replace with Class E concrete pavement;
(2) 10 lin. ft. reset granite curb.

Complete bids follow:
(A) Eaton & Smith: (1) $0.204; (2) $1.50; total, $751.44.
(B) Frank J. Reilly: (1) $0.24; (2) $1.00; total, $876.40.
(C) Chas. L. Harney: (1) $0.255; (2) $0.60; total, $926.55.
(D) Theo. Cohn: (1) $0.255; (2) $1.00; total, $930.55.
(E) Fay Improvement Co.: (1) $0.26; (2) $0.85; total, $947.10.
(F) E. J. Treacy: (1) $0.278; (2) $1.00; total, $1113.58.
(G) W. J. Taylor: (1) $0.31; (2) $1.50; total, $1134.10.

Bids held under advisement. *

CONTRACT AWARDED

TILLAMOOK COUNTY, Ore.—Chas. H. Leonard, Albany, at $198,560 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5, for 4.17 miles grading on the Brooks-Jordan Creek Section of Wilson River Highway, U. S. Works Program Highway Project WPH 191-C.

Total bids follow:

C. H. Leonard, Albany	$198,560
Parker-Schram Co., Portland	199,208
Oregon Const. Co. and Theo. Arenz, Portland	211,982
J. A. Lyons, Portland	215,510
F. C. Dillard, Medford	235,819
A. C. Greenwood & Co., Portland	244,300

BIDS WANTED

GILA COUNTY, Ariz.—Until Oct. 1, 10 A. M., bids will be received by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, Ariz., for 4.218 miles grading on Section C of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County.

The work involves:
(1) 14.5 acres clearing;
(2) 28,700 c.y. unclass. excav.;
(3) 500 c.y. do for structures;
(4) 250 c.y. do for borrow;
(5) 5,800 sta. yds. overhaul;
(6) 115 c.y. mi. borrow haul;
(7) 71 c.y. Class A concrete;
(8) 2,600 lbs. reinforcing steel;
(9) 90 c.y. cement rubble masonry;
(10) 1,216 l.f. CMP in place;
(11) 12,700 l.f. Type 1 protection ditch
(12) 1,270 l.f. remove existing fence;
(13) 2,730 l.f. remove and reset existing fence;
(14) 7,225 l.f. fence;
(15) 4 each Type 1 gates;
(16) 18 each right of way monuments.

Plans and specifications obtainable from the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco. *

CONTRACT AWARDED

CHURCHILL and Lander Counties, Nev.—Fredrickson & Watson Constr. Co. and Jones & King, 873 81st Ave., Oakland, at $110,794.72 submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for constructing 9.68 miles of the State Highway system in Lander and Churchill Counties, Route 2, Sections F and A, between eight miles east of Eastgate and Campbell Creek Ranch.

Utah Const. Co., Ogden, at $120,534.82 submitted second low bid.

BIDS OPENED

SAN FRANCISCO—C. L. Harney, 443 Call Bldg., San Francisco, at $1,883.75 submitted low bid to the Department of Public Works, City Hall, for constructing crossovers on Sloat Blvd. at the intersection of Twenty-second Ave., Twenty-sixth Ave., El Mirasol Place, Thirty-fourth Ave. and Forty-fourth Ave.

The work involves:
(1) 2 each storm water inlets, complete;
(2) 24 lin. ft. 10-in. VCP culvert in place;
(3) 106 lin. ft. 6-in. iron pipe culvert in place;
(4) 240 sq. ft. drainage gutter, consisting of a 4-inch base rock course and a ¾-in. emulsified asphaltic wearing surface;
(5) 75 sq. ft. basalt block lining for culvert inlet and outfall;
(6) 8200 sq. ft. asphaltic concrete pavement consisting of a 4-inch asphaltic concrete base and a 2-in. asphaltic concrete wearing surface.

Total bids follow:
(A) Chas. L. Harney, $1883.75.
(B) Pacific Pavements Co., Ltd., $1,911.10.
(C) Eaton & Smith, $1941.25.
(D) Fay Improvement Co., $2339.60.
(E) Theo. Cohn, $2451.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$30.00	$50.00	$32.00	$38.00	$40.00
(2)	1.00	1.25	5.00	2.75	2.00
(3)	.90	.85	1.25	1.75	1.50
(4)	.10	.15	.20	.09	.20
(5)	.21	.20	.25	.30	.20
(6)	.203	.20	.19	.24	.255

Bids held under advisement. *

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $12,518 submitted low bid and awarded contract by the Sacramento County Board of Supervisors for resurfacing Franklin Blvd., involving:
(1) 2220 tons crushed rock;
(2) 925 tons screenings;
(3) 195 tons liquid asphalt.

Complete bids follow:
Lee J. Immel, Berkeley, (1) $2.90; (2) $3.20; (3) $16; total, $12,518.
E. F. Hilliard, Sacramento, (1) $3.04; (2) $3.40; (3) $21; total, $13,988.80.
A. Teichert & Son, Inc., Sacramento, (1) $3.10; (2) $3.50; (3) $22.50; total, $14,507.
Heafey-Moore Co., Oakland, (1) $3.40; (2) $3.50; (3) $20; total, $14,685.50.

COMPLETE BID LISTING

SAN BERNARDINO COUNTY, Cal. Basich Bros., 20,550 Normandie Ave., Torrance, at $71,074.50, submitted low bid to the Division of Highwtys, C. H. Purcell, Chief Engr., Los Angeles, for roadmix surface treatment and applying seal coat on about 42.6 mi. in San Bernardino County, between the northerly boundary and Baker.

The work involves:
(1) 3550 tons liquid asphalt, SC-2;
(2) 500,000 sq. yds. preparing, mixing

and shaping roadbed;
(3) 180 tons asphaltic emulsion, 90-95 (seal coat);
(4) 1250 cu. yds. sand (seal coat).
Total bids follow:
(A) Basich Bros., Torrance, $71,074.50
(B) Geo. French Jr., Stockton, $72,-345.
(C) C. W. Wood, Stockton, $72,807.50.
(D) J. C. Compton, McMinnville, Ore., $75,400.
(E) Geo. Herz & Co., San Bernardino, $76,920.
(F) Oilfields Trucking Co., Inc., Bakersfield, and Steward & Nuss, Inc., Fresno, $81,931.
(G) Oswald Bros., Los Angeles, $89,-572.
Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$10.56	$0.052	$23.05	$2.75
(B)	13.00	.04	24.00	1.50
(C)	12.25	.045	24.00	2.00
(D)	13.00	.042	25.00	3.00
(E)	12.00	.052	24.00	3.20
(F)	12.22	.0547	27.50	5.00
(G)	15.00	.053	32.00	3.25

BIDS OPENED

SAN JOAQUIN COUNTY, Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $2,050.05 submitted low bid to the Division of Highways, R. E. Pierce, District Engineer, 1200 N. Center Street, Stockton, for paving with asphalt concrete about 200 l.f. at the Fresno Avenue grade separation in San Joaquin County, near the City of Stockton.

The work involves:
(1) 15 c.y. road excavation unclass.;
(2) 465 sq. yds. subgrade for pave.;
(3) 196 tons asphalt concrete;
(4) 75 sq. yds. asph. paint binder;
(5) 22 c.y. Class A Portland cement concrete (curbs);
(6) 650 lbs. bars reinf. steel (curbs);
(7) 200 l.f. traffic stripe.
Total bids follow:
(A) Heafey-Moore Co., Oakland, $2,050.05.
(B) Lord & Bishop, Sacramento, $2,504.00.
Unit bids follow:

	(A)	(B)
(1)	$ 1.00	$ 2.00
(2)	.36	.40
(3)	7.15	8.50
(4)	.15	.20
(5)	18.00	24.00
(6)	.06	.06
(7)	.10	.20

BIDS REJECTED

TILLAMOOK COUNTY, Ore. — All bids received by the Oregon State Highway Commission, Portland, Sept. 5 for 2.5 miles rock surfacing on the Meda Quarry-Upper Yach Bridge Section of Little Nestucca Secondary Highway, were rejected.

The bids were:

Charles Hoyt, Silverton	$ 6,694
Arthur A. Hardesty, Portland	6,821
Dolan Const. Co., Tillamook	7,781
Saxton & Looney, Corvallis	8,018
United Contr. Co., Portland	8,261
A. S. Wallace, Roseburg	11,220

CONTRACT AWARDED

MULTNOMAH & WASHINGTON COS., Ore.—Harold Blake, 400 Thompson, Portland, at $34,538 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5, for 1.45 miles paving on the West Portland-Washington Co. Line Section of the West Side Pacific Highway, U.S.P.W. Project NRH 203-B and NRH 73.

Total bids follow:

Harold Blake, Portland	$34,538
Edlefsen-Weygandt Co., Portland	34,948
Jacobsen-Jensen, Portland	35,532
United Contr. Co., Portland	38,191
Kern & Kibbe, Portland	40,858
Parker-Schram Co., Portland	41,788

CONTRACT AWARDED

MALHEUR COUNTY, Ore. — McNutt Bros., Eugene, at $68,348 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5, for 5.79 miles grading on the Chimney Creek - Juntura Section of Central Oregon Highway, Federal Aid Project 187-D and Federal Lands Highway Project FLH 4-F.

Total bids follow:

McNutt Bros., Eugene	$68,348
Tony Mazzarro, Spokane	71,046
M. L. O'Neil & Son, Eugene	74,633
Morrison-Knudsen Co., Boise	76,426
J. A. Lyons, Portland	77,617
Harold Blake, Portland	78,129
Dunn & Baker, Klamath Falls	80,951
Clifton & Applegate, Spokane	84,824
P. L. Crooks Co., Portland	88,941
Parker-Schram Co., Portland	91,297
Joplin & Eldon, Portland	73,926

CONTRACT AWARDED

INYO COUNTY, Cal.—C. W. Wood, Box 49, Stockton, at $62,200 awarded contract by the State Highway Commission, Sacramento, for roadmix surface treatment on about 54 miles in Inyo County between Panamint Sink and the county line.

30—RESERVOIRS & DAMS

LOW BIDDERS

YAKIMA, Wash.—Newton Construction Co., Seattle, at $6,169 submitted low bid to the Bureau of Reclamation, Yakima, Sept. 5, under Spec. No. 702-D, for constructing a parapet wall and curb and finishing the crest of the embankment at Cle Elum Dam, Yakima Project, near Cle Elum.

Hallstrom & Hallstrom, Seattle, at $6,667, and Yakima Cement Products Co., Yakima, at $7,231 submitted second and third low bids, respectively.

31 — PIPE LINES & WELLS

LOW BIDDERS

OGDEN, Utah.—Steel Tank & Pipe Co., 1100 Fourth St., Berkeley, Cal., at $323,681.10 (steel pipe) submitted low bid to the Board of Commissioners, Ogden, September 4, for the construction of a water supply line from Black Rock Point in Ogden Canyon to the city's reservoirs.

The American Concrete Pipe Co. of Los Angeles, at $331,572 submitted low bid on the concrete pipe alternate.

33— WATER WORKS

BIDS OPENED

EVERETT, Wash. — Puget Sound Machinery Depot, 322 First St., South Seattle, at $48,322 for Type A coating and at $46,270 for paint coating, submitted low bid to the Everett City Council for construction of a temporary service line from the city reservoir to Weyerhaeuser pulp mill, involving 570 ft. of 36- and 5,047 ft. of 24-in. steel or iron pipe.

Complete bids follow:
(1) Type A coating; (2) Paint coating.
Puget Sound Machinery Depot, Seattle, (1) $48,322; (2) $46,270.
Steel Pipe & Tank Co., Portland, (1) no bid; (2) $47,700.
Arcorace & Coluccio, Seattle, (1) $50-710; (2) no bid.
Hydraulic Supply Mfg. Co., Seattle, (1) no bid; (2) $57,045.
American Pile Driving Co., Everett: (1) no bid; (2) $57,135.
E. J. Templeton, Everett: (1) $63,-324; (2) $59,938.

BIDS WANTED

ALL-AMERICAN CANAL, Arizona—Until Sept. 26, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 721-D for furnishing and erecting a water tower at the Government Camp at the Imperial Dam, All-American Canal System, Boulder Canyon Project. The Imperial Dam is located about 14 miles northeast of Yuma.

The water tower will consist of a tank having a capacity of not less than 30,000 gals. supported on a structural steel tower approximately 60 ft. in height to the bottom of the tank.

Plans and specifications obtainable from the Bureau of Reclamation, Yuma, Ariz., or Denver, Colo., without charge to prospective bidders; to others, $0.50, not returnable.

CONTRACT AWARDED

SAN FRANCISCO — San Francisco Water Department, at $5277.25 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1400, for furnishing 100 6-in. diam. non-rising stem double disc gate valves for 150 lbs. water working pressure; 100 8-in. do; 24 12-in. do; and 16-in. do.

CONTRACT AWARDED

EVERETT, Wash. — Puget Sound Machinery Depot, 322 First Ave. So., Seattle, at $48,322 (Type A coating) awarded contract by the Everett City Council for construction of a temporary service line from the city reservoir to the Weyerhaeuser pulp mill, involving 570 ft. of 36-in. and 5075 ft. of 24-in. wrapped quarter-inch steel pipe.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SANTA ROSA, Sonoma Co., Cal.—Standard Fence Co., 440 Bayshore Blvd., San Francisco, at $591.80 was awarded contract by the Santa Rosa Junior College District for furnishing and installing chain link fence around the area of two tennis courts at the college grounds, Santa Rosa.

Complete bids follow:

Standard Fence Co., S. F.	$591.80
Kamlan Fence Co., S. F.	615.00
Anchor Post Fence Co., S. F.	649.00
Western Steel & Wire Co., S. F.	659.00
Wickwire Spencer (Rep. by Ketterlin Bros., Santa Rosa)	670.00
American Chain Co., S. F.	687.10

BIDS WANTED

SAN FERNANDO, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, San Fernando, for lawn sprinkling system at the Post Office, San Fernando.

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Bids are being received by Custodian, U. S. Post Office, Roseville, for seeding and planting grounds at the Post Office, Roseville.

CONTRACT AWARDED

ALAMEDA, Alameda Co., Cal.—Alameda County Nursery, 2150 Santa Clara Ave., Alameda, at $239.50 was awarded contract by the Custodian, U. S. Post Office, Alameda, for seeding and planting grounds at the Alameda post office.

BIDS WANTED

VALLEJO, Solano Co., Calif.—Bids are being received by the Custodian, U. S. Post Office, Vallejo, for lawn sprinkler system at the Vallejo post office.

BIDS WANTED

RENO, Nevada.—Bids are being received by the Custodian, U. S. Post Office, Reno, for lawn sprinkler system at the Reno post office.

Section 4359, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

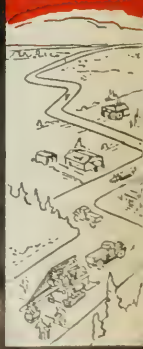
SAN FRANCISCO PUBLIC LIBRARY

$21,545,000 State Road Program Outlined

Council Protests PWA Project Rejections

Building Permits, Advance Reports of Building and Engineering Projects

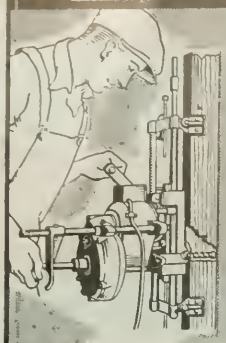
Unit Price Review



PT. 21, 1935

Vol. XVIII—No. 38

WAPPAT Electric TOOLS



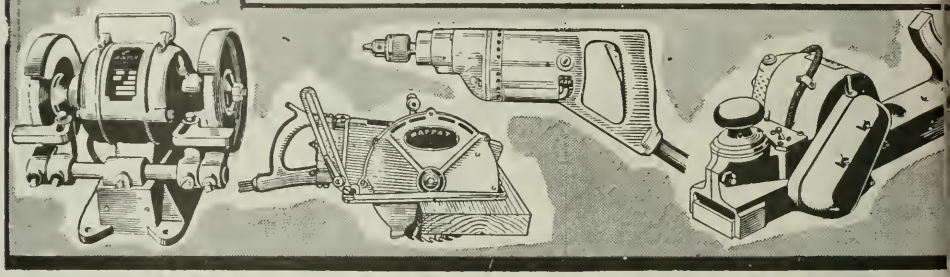
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., SEPTEMBER 21, 1935 No. 38

State Programs $21,545,000 For Highway Construction in Biennieum; More Work Planned With Federal Appropriation

A construction program allocating $21,545,370 for the State Division of Highways during the 1935-37 biennium has been approved by the State Highway Commission. The commission's construction budget was revised from a previous program of $26,498,980 after the last legislature voted to reapportion the gasoline tax money, giving the incorporated municipalities an additional ¼-cent—the equivalent of $5,100,000 during the current biennium—which must be deducted from the state's construction fund. A partial restoration of the projects eliminated will be made by apportionment of the $7,747,928 for highway work and $7,486,362 for grade separations from the Federal work-relief fund allotted California. The commission is preparing a separate budget for these two allocations, which will be published after its approval by the U. S. Bureau of Public Roads.

Relative to the forthcoming supplementary program, State Director of Public Works Earl Lee Kelly issued the following statement:

"President Roosevelt has approved granting the California State Department of Public Works the right to use other than relief labor on California highway projects financed with the aid of Federal funds whenever such relief labor is not available.

"I have received a communication from the United States Bureau of Public Roads informing me of the signing of these amendments to the rules and reuglations governing highway construction by Acting Secretary of Agriculture Tugwell and of their approval by President Roosevelt.

"The significance of this change in the regulations relative to labor employment means that the Waldo Approach to the north end of the Golden Gate Bridge; Palomar Road in San Diego County, and other important feeder road projects apparently can be financed under Federal Aid.

"While the original clause stipulating the use of relief labor only was included as a federal requirement in such work, the State Department of Public Works did not dare to undertake the projects referred to above for fear that relief rolls might become depleted before the completion of the work, thereby causing the government to discontinue Federal Aid.

"We now look forward to the granting of our application for the financing of these improvements upon a basis which we can accept. The amendment approved by the President requires the contractor to employ only persons certified for assignment to work by the U. S. Employment Service with preference in employment being given to persons from public relief rolls when they are qualified for the work.

"The amended regulations relieve the State from the original mandatory provision of obtaining all the required labor from those on relief whether qualified for the work or not."

The regular program lists 126 major projects on state highways for construction this biennium, including 16 in cities. The supplementary work-relief program as submitted for Federal approval contains 33 projects on the state highway system, approximating 40 per cent of the road funds; the remaining 60 per cent is distributed approximately equally between county feeder roads and to projects within cities, according to Federal regulations.

Of the $21,545,370 set up in the current program the north 45 counties will receive $11,805,290 and the south 13 counties $9,470,080.

Included in the major projects for the northern counties are $3,300,000 for construtcion of the bay bridge approach routes; $500,000 for the Waldo approach to Golden Gate bridge in Marin county (a supplementary appropriation to bring the total expenditure to $2,000,000 is planned from work relief funds); $300,000 for grading and paving 5.4 miles Ashby to San Pablo avenues in the Eastbay cities; $425,000 for grading and paving the last link of the Bayshore route from Alviso to San Jose; $445,000 for grading and paving the American Canyon cut-off in Solano and Napa counties; $220,000 for grading and surfacing the Santa Cruz-Los Gatos road between Scott Valley and Santa Cruz; $325,000 for grading and surfacing the Tunnel road in Contra Costa county.

OPEN BRIDGE, HIGHWAY BIDS IN SACRAMENTO

Commission Gets Proposals on Work in Three Counties

SACRAMENTO, Sept. 18. — Bids on three projects, located in Marin, Sonoma and Kern counties, were opened here today by State Highway Engineer C. H. Purcell.

Healy-Tibbitts Construction Co., of San Francisco, submitted a low bid of $15,000 for removal of slides on about four-tenths of a mile in Marin county Second and third low bids, respectively, were: N. M. Ball & Son, Berkeley, $15,750, and Bayshore Construction Co., San Francisco, $16,000. The work involves about 50,000 cubic yards of excavation and 12,500 mile yards overhaul.

John Carcano, San Rafael, was low bidder at $13,777 for construction of a reinforced concrete girder bridge across Sonoma Creek about seven miles north of Sonoma. Second and third low bidders, respectively, were E. S. and N. S. Johnson, Pasadena, at $13,890, and N. M. Ball and Son, Berkeley, at $14,061. Thirteen bids were received on the bridge. It will consist of three 52-ft. spans on concrete piers and abutments.

For grading about five miles in Kern county near Rademacher, Basich Bros., Torrance, submitted the low bid at $6,950. Only other proposal received for this contract was that of John Jerkovitch, Fresno, at $13,131.

San Francisco Architects and Builders Protest Dropping $72,000,000 PWA Jobs

Aroused by the threatened collapse of Northern California's $72,000,000 public works program the San Francisco joint council of architects, contractors and materialmen yesterday addressed a resolution to the President asking that disqualified PWA projects be reinstated. Communities in this area have shown exceptional initiative in planning to construct needed improvements with the aid of PWA grants, the council points out. Preliminary work was rushed at the request of the Federal government in order to advance the date when contracts could be let. The entire program now has been thrown into confusion by the order of Works Progress Harry Hopkins rejecting the useful public works offered by P W A in favor of his own WPA jobs of "made-work."

Council members also took cognizance of the distribution of work-relief funds thus far allotted to California as reported on the next page. This analysis shows a total of $21,861,524 (including $20,000,000 for the Central Valley Project) for 45 Northern California counties, compared with $123,947,574 allotted to 13 Southern California counties. The city and county of Los Angeles, it was noted, have been allotted a loan and grant of $51,000,000 by PWA, while the single approved PWA project in Northern California to date involves a grant only of $32,715.

In addition Los Angeles and San Diego together have been allotted $16,600,000 for Federal projects under jurisdiction of the U. S. Engineers, while none has been approved in Northern California.

The conference was attended by representatives of the American Institute of Architects, Associated General Contractors and the Producers Council. Architect Henry H. Gutterson, vice-chairman, presided.

A report presented by Wm. E. Hague, secretary-manager of Central California Chapter, Associated General Contractors, showed applications had been filed in Northern California counties for PWA construction estimated to cost $72,315,322. Of this amount nearly $50,000,000 is proposed for buildings, with one or more projects planned in almost every community.

Chairman Gutterson called attention to the great possibilities offered for re-employment by this program. He predicted that the attendant industrial activity would be felt in every line of business in the state.

Mr. Hague said the new regulation fixing $850 per man-year as the maximum cost to the Government would eliminate building projects unless a plan could be made whereby local communities would assume more than 55 percent of the cost. A plan of this kind also would permit wider distribution of the $425,000,000 reported remaining in the PWA allocation from the work-relief appropriation

ILLINOIS FIRMS BID M. I. JOB

(Special to Daily Pacific Builder)

WASHINGTON, D. C., Sept. 18.— Foundation Waterproofing Co., Peoria, Ill., and Jos. Casey, Chicago, bidding jointly, today submitted a low proposal of $36-130 to the Navy Department for setting two boilers at the central power plant, Mare Island Navy Yard. Second and third low bidders, respectively, were C. C. Moore & Co., San Francisco, at $40,960, and Barrett & Hilp, San Francisco, at $43,950.

The work includes removal of boiler settings, raising the boilers and new settings with air-cooled walls and appurtenances.

LODI APPROVES $956,000 CITY POWER PROJ.

Bond Issue and Pwa Grant Finance Hydro-Electric Plant And Transmission Line

Construction of a municipal power plant was approved by voters in the city of Lodi at a special election, September 12. A bond issue of $466,000 was authorized to complete financing of the project. The city already has a $130,000 PWA grant allocated from the old appropriation.

The vote in favor of the bond issue was 1,306 to 578. The project had been rejected at an election a year ago.

The city will purchase a site on the Mokelumne River, 27 miles east where a dam and power plant will be constructed. A transmission line will deliver current to the existing municipally-owned distributing system.

City Engineer Clinton Henning has made preliminary plans for the entire project, with a board of consulting engineers.

SWENSEN ELECTED

Carl N. Swensen, general contractor of San Jose, has been elected a member of the Central California Chapter, Associated General Contractors, it is announced by W. E. Hague, secretary-manager.

HOPE SEEN FOR PWA PROJECTS READY TO START

President Rules on Ickes-Hopkins Controversy; Reaffirms Dec. 15 Deadline

PWA projects which can be contracted before December 15 and completed within a year will be financed with the current work-relief appropriation, it was reported in Washington following conferences of the works program administrators with the President.

Allocation of remaining money to public work projects within P W A jurisdiction will be governed by these general rules:

1.—Contracts must be let on or before December 15.

2.—The projects must be completed in a year.

3.—They must be in area where there are sufficient persons on relief to provide the workers.

4.—They must abide by the work relief requirement calling for wages at the average annual rate of $850 per man.

The President's decision in the controversy between WPA Administrator Hopkins and PWA Administrator Ickes apparently sustained Hopkins in his disapproval of nearly the entire PWA program. However, it appears that a substantial Federal fund will be available to share the cost of local public works with agencies which are ready to commence construction immediately and which have a heavy relief roll.

No instructions had been received Saturday by the offices of State PWA Director A. D. Wilder as to revision of California's program. Ninety-five California projects of all types were disapproved by Administrator Hopkins, principally because of high cost per man-year of employment. It is hoped that the new ruling will permit reinstatement of many of these. A considerable number are sufficiently advanced to permit an early letting of contracts.

Administrator Ickes reported that up to September 9, state directors had reported receipt of 7,063 applications for loans and grants totaling $1,219,000,000. Late applications which were expected to be reported into Washington by September 12, the final date for receiving them were expected to raise the total to $1,500,000,000 proposed for expenditure on useful and permanent public works in which the applicants were willing to share 55 per cent of the cost.

When the preliminary final report was made by the Administrator California led all other states in the amount of work proposed, the projects here aggregating more than $95,000,000. Texas was second with $91,000,000 and New York third with $81,000,000.

California Works Allotments

Following are allocations of Federal public works money from the $4,880,000,000 appropriation showing distribution between Northern and Southern California counties. The totals include PWA loans and grants, WPA projects and approved Federal harbor, flood control and reclamation work as of September 15.

	45 Northern Counties	13 Southern Counties
PWA Loan-Grant to Los Angeles for school rehabilitation		$ 22,532,727
PWA Loan-Grant to Los Angeles for County Buildings		8,253,545
PWA Grant to Los Angeles Water & Power Dept.		6,480,000
PWA Loan and Grant to Los Angeles Harbor Dept. for improvements		13,963,636
PWA Grant to Beverly Hills for waterworks		56,906
PWA Grant to Modesto Irrigation District	32,715	
Los Angeles Harbor Breakwater (U. S. Engineers)		1,000,000
San Diego Harbor Breakwater (U. S. Engineers		1,800,000
Los Angeles Flood Control (U. S. Engineers)		13,800,000
WPA Project Grants in 13 Southern Counties to September 15		56,059,760
WPA Project Grants in 45 Northern Counties to September 15	1,828,809	
U. S. Reclamation Service Allotment to Central Valley Project	20,000,000	
TOTALS	$21,861,524	$123,947,574

AUGUST PEAK MONTH FOR COAST MILLS

Lumber production, new business and shipments during the first week in September were at a lower figure than for the preceding week, according to reports to the West Coast Lumbermen's Association.

August, normally a period of quiet lumber trade along the West Coast, was this year the best month to date, according to studies made by the association for the industry. Production, orders and shipments were each greater in August than in April, a usual peak month, while inventories were lower by more than 200,000,000 board feet. Lumber stocks were found at late August to be badly broken and many standard items scarce.

Most active demand in August was from the rail market, and the new blanket 72 cent rate is expected to stimulate trade in the middle west and east of Chicago

SAN JOSE RESIDENCE BUILDING INCREASING

In the first eight months of 1935 building permits in San Jose indicate construction has been started on residences providing accommodations for 74 families, Building Inspector R. V. Lotz reports. The valuation of new residential building started since the first of the year is $265,570. The value and the number of dwelling permits for eight months exceeds the twelve-month total of any of the previous three years.

SCOTT PRESIDENT OF CONTRACTORS

W. J. Scott has been elected president of the San Joaquin County General Contractors' Association for the ensuring year. Other officers named are C. Elves Totten, vice-president; W. H. Ecker, treasurer, and Frank Kent, secretary.

The first of a series of monthly dinner meetings is to be held October 1.

$124,000,000 FOR SO. CALIFORNIA FROM U. S. FUND

Government Favors Los Angeles In Allotting Work-Relief Money

With more than $145,000,000 of California's share from the four-billion-dollar work-relief appropriation already ear-marked to specific projects, 13 Southern counties have received $123,947,574 and 45 Northern counties, $21,861,524.

Included in the allocation to Northern counties is $20,000,000 authorized for the Central Valley project, leaving $1,861,524 for miscellaneous smaller projects. Of this sum $32,715 is a PWA grant for canal lining made to Modesto Irrigation District and $1,828,809 is the total approved to September 15 for WPA projects in 45 Northern counties.

The single PWA grant allowed to Northern California thus far amounting to $32,715 compares to $51,287,814 in loans and grants to Southern California, the entire amount going to Los Angeles city and county, excepting $56,906, granted to the city of Beverly Hills.

Compared with $1,828,809 thus far approved by the President for Northern California WPA projects, Los Angeles and neighboring counties have received $56,059,760.

In addition to the assistance granted by PWA and WPA to southern projects, which will be partially financed by the sponsors, the Federal government is spending $16,600,000 from its own harbor and flood control funds under jurisdiction of the U. S. Engineer Corps. This sum is distributed as follows: $1,000,000 to extend the breakwater in Los Angeles - Long Beach harbors; $1,800,000 for dredging of San Diego harbor; $13-800,000 for flood control structures in Los Angeles county.

TWO ELECTED TO S. F. EXCHANGE

Election of two new members of the San Francisco Builders' Exchange is announced by E. M. Hundley, secretary. They are: Moody J. Henry, 132 Bancroft Rd., Burlingame, dealer in wood bowstring trusses; and G. H. Armstrong, 1388 Van Ness Avenue, So., electrical contractor.

FOXBORO CO. HANDLES COMMERCIAL FITTINGS

Announcement has been received of the appointment of the Foxboro Company, Foxboro, Mass., as distributors of "Commercial" orifice fittings, manufactured by Commercial Iron Works of Los Angeles. Among features of the fittings listed by the manufacturer are elimination of by-passes, a threaded elevator lift and elimination of set screws in pressure areas. Complete details will be furnished by the Foxboro Co. upon request.

BIDS OCTOBER 8 ON POWERHOUSE AT BONNEVILLE

Contract To Include Fishway Construction and Erecting Cranes

Bids on one of the last major construction contracts at Bonneville Dam are to be opened by the U. S. Engineers in Portland Oct. 8. Cost of the work, which will include construction of the powerhouse superstructure and completion of the powerhouse substructure, construction of fishway control houses and of the Bradford Island fish ladder, will be in the neighborhood of $1,000,000, it is estimated.

Three bidding schedules have been provided. Schedule I includes construction of the powerhouse superstructure, completion of the substructure, and construction of a fishway control house south of the powerhouse. Schedule II calls for construction of the Bradford Island fish ladder and of a fishway control house at the fish ladder intake. Schedule III combines Schedules I and II.

Work at the powerhouse consists of constructing the superstructure, a concrete building about 277 feet long by 103 feet wide and some 72 feet in height, and completing the substructure, including building the upper part of the substructure walls and filling in around the turbine scroll cases. Work on the substructure is well advanced under the contract held jointly by General Construction Co. and J. F. Shea Company, Inc., the engineers report. Their contract provides for construction of the intake structure, tailrace deck and base of the substructure, generally completing the lower half of the substructure.

The powerhouse contractor will build the substructure walls up an additional 27 feet and erect the superstruture. Procedure will be first completion of the downstream and end walls of the substructure, following which the superstructure will be erected. The government then will deliver the parts of the main 300-ton indoor cranes, which will be installed by the contractor. After erection of the cranes the balance of the machinery will be installed and the building completed.

The Bradford Island fish ladder will be a concrete channel of rectangular cross-section, built on a gradient with cross walls or weirs at reguar intervals. An enclosed auxiliary water supply conduit on one side of the main channel, an intake structure at the upper end of the ladder, diffusion chambers below the floor of the channel to provide additional water when required and two concrete bridges crossing the ladder, together with the fishway control house, are included in this portion of the contract.

Nevada Planners Protest Rejection Of PWA Projects

Asserting that Nevada has at least five PWA projects ready to start the minute they are approved by Washington, on which the man-year cost is less than the $1140 maximum prescribed by the regulations, the state's planning board at a Reno meeting adopted resolutions severely condemning the policy of the works progress administration in rejecting or failing to act on the Nevada projects.

The meeting, held in the Nevada PWA offices, was attended by all members of the planning board and Senator McCarran and Representative Scrugham. J. L. Vandiver, Nevada PWA engineer, presided and told the board that the PWA had thirty-five applications in Washington for PWA loans several of which were complete in every detail with the local money available for immediate use.

The Nevada projects which are ready to start and which conform to the man-year restrictions of the PWA include:

Construction of the state supreme court building at Carson.

Construction of the state highway laboratory at Carson.

Construction of grammar school house in Las Vegas.

Construction of a school gymnasium at Austin.

Construction of a school in Paradise Valley.

The "freezing" of the application of the Pioche power district for a loan of $1,120,000 to construct a power line from Boulder dam to Pioche, was discussed at length and it was decided to present the matter directly to President Roosevelt when he visits Boulder Dam late this month. The Nevada congressional delegation, which will lay the project before the President, will be provided with information by the PWA showing that over five hundred men will be given jobs in private industry immediately in the Pioche district if the loan is granted thus meeting the Hopkins complaint that insufficient men will be cared for by construction of the line in relation to the amount of money being expended.

The planning board decided that it was useless to communicate further with Harry Hopkins, WPA administrator, or others in Washington concerning the loan but to wait and lay it directly before the President.

MARTINEZ HARBOR CONTRACTS ACCEPTED

Acceptance of the Martinez yacht harbor, wharf approach and pier as completed has been voted by the city council. The improvement was constructed by the Duncanson - Harrelson Company, San Francisco, under two contracts, one for $33,663 and the other for $11,354. A PWA grant supplied 30 per cent of the cost.

SAN PABLO AVE. SUBWAY CONT'CT BIDS OCTOBER 9

State Advertises Underpass Structure On Central Approach to Bay Bridge

SACRAMENTO, Sept. 17.—Three highway projects, including a subway to connect with the Eastbay distribution structure of the S. F.-Oakland Bay Bridge, were authorized for advertising today by the State Highway Commission.

Bids on the subway, which will be located in Oakland and Emeryville, will be opened in Sacramento October 9.

The subway will be approximately one-half mile in length, connecting with the distribution structure now being constructed at the end of the approach fill. It extends easterly from that point to Thirty-eighth and Market Streets, the eastern approach terminating at the point where Thirty-eighth St. is being widened under a contract let to Peninsula Paving Company. The roadway will be 42 feet wide between curbs. Work involves the construction of reinforced concrete rigid frame underpass structures and retaining wall approaches, and paved street connections.

Streets underpassed are Peralta, Adeline and San Pablo.

Principal bid items include 75,000 cubic yards unclassified excavation; 12,000 cubic yards Class B Portland cement concrete in structures; 1,530 cubic yards Class B Portland cement concrete pavement; 2,200,000 pounds of reinforcing steel; 7,000 tons selected base material; 7,000 tons asphalt concrete; pumping equipment, and a complete lighting system.

This is the third major grade separation project in the Eastbay to be contracted in connection with construction of approaches to the bay bridge. Barrett & Hilp are constructing the traffic distribution viaducts at the intersection of the central and lateral approaches, and J. F. Knapp has under contract the subway at the foot of Ashby Ave. carrying traffic under the Southern Pacific tracks to the north approach.

Bids are to be opened in Sacamento October 9 for grading and paving about 1.5 miles easterly from Hanford in Kings county, and in Los Angeles the following day for grading and surfacing about 12.5 miles between East Highline Canal and Midway Wells in Imperial county.

INDUSTRY REAFFIRMS METAL LATH STANDARD

The Division of Simplified Practice of the National Bureau of Standards announces that Simplified Practice Recommendation R3 28 for Metal Lath has been reaffirmed without change by the standing committee of the industry.

Contractor Starts Lining 40-Foot Soft Vein In Yerba Buena Tunnel

Proceeding cautiously in the face of one of the most difficult portions of their contract, T. E. Connolly Company last week placed 19 feet of concrete tunnel roof in the 40-ft. section of soft material in the tunnel through Yerba Buena Island, the center section of the S. F.-Oakland Bay crossing, according to the weekly progress report of Chief Engineer C. H. Purcell.

The contractor and bridge engineers have designed special methods to carry the tunnel through this dangerous section with a maximum of safety. The entire tunnel penetrates fractured rock, one of the most dangerous types of material through which to bore, according to bridge officials. The soft, wet and loose shale crosses the tunnel in a vein about 40 ft. wide.

The method adopted for boring the tunnel involves a horseshoe-shaped excavation with the core left in place. In addition a concrete side wall, extending half the height of the tunnel with a minimum thickness of four feet, was built from end to end, and upon these side walls the steel H-beams were set, arched to the crown of the roof.

In the bad vein these H-beams are shored up underneath with 12 by 12 timbering, and short wedges of lumber are packed between the shale and the arch beams to prevent material dropping from the roof. Reaching the soft vein, the contractor has halted core excavation, and concrete lining will be built before further excavation is undertaken.

A total of 389 feet of the tunnel is now lined from both ends with a gap of 51 feet inside the tunnel where the steel girders are erected but where the concrete has not yet been pumped into place. At the east end of the tunnel core excavation has been continued.

Chief Engineer Purcell reported progress on other sections of the Bay crossing as follows:

San Francisco

Concrete girders are now built to a point midway between Fourth and Third Streets, and Healy-Tibbitts Construction Company are removing forms at the Fourth Street end of the structure.

An additional span of "on" ramp girders was poured during the week.

On Rincon Hill the fifth and final span of the lower deck of the viaduct was poured last week.

West Bay Superstructure

Twenty-five strands of 472 wires each have now been spun on the south walk, and the ninth set-up of four strands is twenty per cent spun. On the north walk the Columbia Steel Company has spun 25 strands of the total of 37 in the finished cable.

East Bay Superstructure

Columbia Steel Co. has been driving falsework for the east anchor arm, while paving of both decks is being laid to the middle of Span E-4. Paving operations on this structure will be discontinued until after the 1400-foot cantilever span has been connected at its center.

Alameda County

Piles are still being driven by the Clinton Construction Company for the foundation of the Administration Building. A load test on one of these piles was made during the week, the pile carrying sixty tons, or 2½ times its designed load, without noticeable settlement.

The East Bay Distribution Structure in Emeryville is progressing in all its parts under the direction of Barrett and Hilp. Two additional girder spans were completed during the week.

Berkeley

Construction of the forms of the concrete piers and abutments for the Folger Avenue Underpass occupied J. F. Knapp, contractor, during the week.

REYNOLDS CORP NAMES SALES HEAD

Reynolds Corporation, the new housing subsidiary of U. S. Foil Company and Reynolds Metal Co., announces the appointment of Wm. H. Shaffer, Jr., as sales manager. For the past twelve years Mr. Shaffer has been sales manager in charge of dealer products for the National Steel Fabric Company and previously was connected with the cement division of U. S. Steel Corporation.

Manufacturing a widely diversified number of products for home building, Reynolds Corporation divisions include structural framing, insulation, plaster lath, plumbing, heating and air-conditioning.

GOLF TOURNAMENT PLANS COMPLETED

Plans are being completed for the fourth annual golf tournament of the San Francisco Builders' Exchange, which will be held Sept. 26 at the California Golf Club. Announcement was made yesterday that prizes had been offered for low scores by W. S. Dickey Clay Manufacturing Co., Price Building Specialties Co., S. F. Materials Co. Jhon Cassaretto, Paraffine Companies and Kraft-tile Co.

The committee in charge of arrangements is composed of James L. Donnelly, Wm. A. Rainey, Jr., and W. B. Rue. Reservations may be made with the committee members or at the office of the Exchange.

FLOOR WALKS THIS WEEK ON GATE BRIDGE

Further Progress Toward Cable Laying Reported By Chief Engineer

Work of erecting the cat-walk floors of the Golden Gate Bridge is scheduled to commence early this week, according to information in the weekly progress report of Chief Engineer Jos. B. Strauss.

The upper storm system ropes were erected last week together with two of the center span storm system ropes and with the storm system cables all in place the erection of the cat-walks will proceed rapidly.

The quarter span cross bridge on the San Francisco side of the Golden Gate has been temporarily swung from the cat-walk cables near the south tower and will be moved into place as the final work on the storm system proceeds.

In the meanwhile work on the low viaduct of the Presidio approach road is going forward rapidly and piles are being driven near the site of the ramp upon which the Lyon street approach road will take off.

Within the next week work is scheduled to start on the San Francisco abutment south of the anchorage. This will include footings for the piers of the south approach span.

Reports from the eastern shops and mills state that 1125 tons of rolled material for the suspended structure of the bridge was shipped from the rolling mills to the fabricating plants. This brings a total of 27,400,000 pounds of rolled material already shipped for fabrication. There are 10,260,000 pounds of rolled material in process of fabrication in the east.

Cable wire tested and accepted to date totals 19,328 tons or 89.9 per cent of the entire order. Of this 11,740 tons, or 54.6 per cent of the order has been shipped from the eastern plant of the John A. Robelings Sons Company, cable contractors.

During the past week the daily employment average on the bridge proper was 350 men. Of these 150 were employed on the cable contract.

COULEE CONVEYOR SYSTEM DESCRIBED

Describing conveyor methods in use at Grand Coulee Dam, where material is being conveyed a mile in a lift of over 500 feet at the rate of 40,000 yards a day and 1,000,000 yards a month, a 16-page booklet has been issued by the Jeffrey Manufacturing Co., manufacturers of the conveyors used by M-W-A-K for this project.

Copies of the booklet, "Rivers of Dirt," may be obtained by writing the Jeffrey Manufacturing Co., at Columbus, Ohio.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
947	Strand	Owner	8000
948	Heglin	Heglin	3000
949	Liebman	Owner	12000
950	LeFiell	Rahlmann	1000
951	Metrovich	Owner	1200
952	Pacific	Gettins	5000
953	Liebman	Owner	30000
954	Stoneson	Owner	9000
955	Humphrey	Owner	1000
956	Christensen	Owner	4000
957	Clark	Michael	7950
958	Schwalbe	Lindgren	9000
959	Christensen	Owner	4000
960	Cuneo	Lucchi	1500
961	Benson	Owner	4000
962	Standard	Owner	3000
963	Hirshberg	Early	2000
964	Gelini	Lindsay	3000
965	Hirshberg	Early	1000
966	Standard	Owner	3000
967	Cuthbert	Lindsay	3000
968	Galli	Owner	3500
969	Galli	Owner	3500
970	Rousseau	Rousseau	11250

FLATS
(947) W TWENTY-FIFTH AVE. 225 N Fulton St. Two-story and basement frame flats.
Owner—T. I. Strand, 670 Victoria St., San Francisco.
Architect—Not Given. $8000

DWELLING
(948) W TWENTY-EIGHTH AVE. 50 N Kirkham St. One-story and basement frame dwelling.
Owner—B. Heglin, 1245 24th Avenue, San Francisco.
Architect—Not Given.
Contractor—Philip Heglin, 1245 24th Ave., San Francisco. $3000

APARTMENTS
(949) N NORTH POINT ST. 100 W Buchanan St. Two-story and basement frame apartments (20 rooms, 4 families).
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect—Richard R. Irvine, 3431 Market St., S. F. $12,000

ALTERATIONS
(950) S BELMONT ST. 75 W Willard St. Alter dwelling.
Owner—Sidney N. LeFiell, 27 Belmont St., San Francisco.
Architect—Not Given.
Contractor — H. E. Rahlmann, 251 Kearny St., San Francisco. $1000

ALTERATIONS
(951) NO. 2975 HARRISON ST. Alter dwelling.
Owner — M. Eterovich, 130 Wayland St., San Francisco.
Architect—Not Given. $1200

WAREHOUSE
(952) NO. 62 TOWNSEND ST. One-story steel warehouse.
Owner—Pacific Vegetable Oil Co., 62 Townsend St., San Francisco.
Engineer — Alfred P. Fisher, Hunter Dulin Bldg., San Francisco.
Contractor — H. T. Gettins Co., 268 13th St., San Francisco. $5000

APARTMENTS
(953) SE BEACH AND WEBSTER Sts. Three-story and basement frame apartments.
Owner—Ben Liebman, 1555 Francisco St., San Francisco.
Architect — Richard R. Irvine, 3431 Market St. $30,000

DWELLINGS
(954) S SHAWNEE 25, 50 AND 75 W Cayuga St. Three one-story and basement frame dwellings.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco. $3000 ea.

ALTERATIONS
(955) NO. 370 UPPER TERRACE, Alterations to apartments.
Owner—W. H. Humphrey, Premises.
Architect—Not Given. $1000

DWELLING
(956) S QUINTARA ST. 93 E 22nd Ave. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

DWELLINGS
(957) S VALLEJO ST. 146, 179 AND 216 E Kearny St. Three one-story and basement frame dwellings.
Owner—Katherine Clark, 451 Vallejo St., San Francisco.
Architect—Not Given.
Contractor—Michael & Bomerer, 762 De Haro St., S. F. $2650 each

ALTERATIONS
(958) SE GREENWICH & FRANKlin Sts. Alter apartments.
Owner—Mrs. Schwalbe, Premises.
Architect—Not Given.
Contractor—A. C. Lindgren, 346 Lowell St., San Francisco. $9000

DWELLING
(959) S QUINTARA ST. 93 W 21st Ave. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(960) NO. 1226 GREEN ST. Alter dwelling.
Owner—G. Cuneo, Premises.
Architect—Not Given.
Contractor—G. B. De Lucchi, 4 Sharp Place., S. F. $1500

DWELLING
(961) E TWENTY-NINTH AVE. 175 N Taraval St. One-story and basement frame dwelling.
Owner—Andrew F. Benson, 2324 15th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(962) E TWENTY-FOURTH AVE. 32 N Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

STATION
(963) SE SEVENTEENTH AND Noe Sts. One-story steel service station.
Owner—A. Hirshberg, % Contractor.
Engineer—Richfield Oil Co., 248 Battery St., San Francisco.
Contractor—F. J. Early Jr., 369 Pine St., San Francisco. $2000

DWELLING
(964) N HEARST 100 W Detroit St. One-story and basement frame dwelling.
Owner—F. Gelini, % Contractor.
Architect—Not Given.
Contractor—Claude T. Lindsay, 140 Duboce Ave., S. F. $3000

REST ROOM
(965) SE SEVENTEENTH & NOE Sts. One-story steel rest room building.
Owner—A. Hirshberg, % Contractor.
Engineer—Richfield Oil Co., 248 Battery St., San Francisco.
Contractor—F. J. Early Jr., 369 Pine St., San Francisco. $1000

DWELLING
(966) E TWENTY-FOURTH AVE. 57 N Kirkham St. One-story and basement frame dwelling.
Owner — Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(967) N VIRGINIA ST. 53 W Coleridge St. One-story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor——Boyd C. Lindsay, 183 Oxford St., S. F. $3000

DWELLING
(968) W TWENTY-SIXTH AVE. 293 N Noriega St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(969) W TWENTY-SIXTH AVE. 318 N Noriega St. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $3500

FLATS
(970) N BAY ST. 87 E Broderick St. Two-story and basement frame flats.
Owner—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Contractor—Oliver M. Rousseau Inc. 321 Kearny St. $11,250

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
693	Warren	Owner	4500
694	Buell	Goskill	1600
695	Johnson	McKallor	1950
696	Denton	Maurer	1300
697	Sigwald	Owner	7500
698	Edwards	Henderson	11250
699	Hansen	Owner	5000
700	Crocker	Owner	3500
701	Morlan	Morlan	2987
702	Hollaway	Johanson	3200
703	Rossi	Cisero	6500
704	Walker	Owner	5000
705	Walker	Owner	3000
706	Terro	Christensen	3000
707	American	Swanstrom	5000
708	Kaufmann	Falk	1890
709	Fisher	Christensen	3000
710	Woodburn	Owner	5000
711	ElDorado	Owner	6500
712	Alldrin	Weldman	3500
713	Amouric	Allen	2750
714	Childers	Kinley	3500
715	Pi Beta Pi	Windsor	1400

716	Ellsworth	Shapero	9000
717	Young	Owner	12000
718	Finch	Rednow	5600

DWELLING
(693) NO. 2601 FIFTY-SEVENTH Ave., **OAKLAND.** One-story six-room dwelling.
Owner — Weldon H. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given. $1500

ALTERATIONS
(694) NO. 2927 LORENA STREET, **BERKELEY.** Alterations.
Owner—Mrs. Buell, Premises.
Architect—Not Given.
Contractor — Goskill, 3041 Hillegass Ave., Berkeley. $1600

ELEVATOR
(695) NO. 420 MOUNTAIN AVENUE, **PIEDMONT.** Elevator installed in residence.
Owner—Annie M. Johnson, Premises
Architect—Not Given.
Contractor—H. J. McKallor, 223 Coloma St., Oakland. $1950

ALTERATIONS
(696) NO. 1684 GRAND AVENUE, **PIEDMONT.** Alterations.
Owner—Arthur P. Denton, Premises.
Architect—Wm. Ambrose, 244 Kearny St., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Oakland. $1300

RESIDENCE
(697) NO. 584 BLAIR AVENUE, **PIEDMONT.** Two-story 7-room residence and garage.
Owner—Sigwald Bros., 916 Alma St., Oakland.
Architect — Ray Keefer, 770 Wesley St., Oakland. $7500

RESIDENCE
(698) NO. 320 SEA VIEW AVENUE, **PIEDMONT.** Two-story 8-room frame residence and garage
Owner—A. F. Edwards Jr., 1053 Ardmore Ave., Oakland.
Architect — Williams & Wastell, 374 17th St., Oakland.
Contractor — Herbert K. Henderson. 393 40th St., Oakland. $11,250

DWELLING
(699) NO. 2956 GIBBONS DRIVE. **ALAMEDA.** One-story six-room frame and stucco dwelling with shake roof.
Owner — Chris Hansen, 1500 Santa Clara Ave., Alameda.
Architect—Not Given. $5000

DWELLING
(700) NO. 618 MOUNTAIN BLVD., **OAKLAND.** Two-story six-room dwelling.
Owner—H. L. Crocker Jr., 30 Wilding Lane, Oakland.
Architect—Not Given. $3500

DWELLING
(701) NO. 1762 CLEMENS ROAD, **OAKLAND.** Two-story five-room dwelling.
Owner—A. D. Morlan.
Architect—Not Given.
Contractor—E. O. Morlan, 1763 Clemens Road, Oakland. $2987

DWELLING
(702) NO. 7820 OUTLOOK AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—A. F. Holloway, 7821 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—K. A. Johanson, 2832 76th Ave., Oakland. $3200

DWELLING
(703) NO. 434-36 McAULEY STREET **OAKLAND.** One-story six-room 2-family dwelling.
Owner — M. Rossi, 438 McAuley St., Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 62nd St., Oakland. $6500

DWELLING
(704) NO. 95 PARNASSUS AVE., **BERKELEY.** Two-story 8-room frame dwelling.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—J. E. Dinwiddie, San Francisco. $5000

DWELLING
(705) NO. 60 FOREST LANE, **BERKELEY.** One-story 5-room frame dwelling.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $3000

ADDITION
(706) NO. 1100 FIFTY-FIFTH AVE., **OAKLAND.** Addition.
Owner—Ferro Enameling Co., Prem.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor—H. J. Christensen Co., 1955 Webster St., Oakland. $3000

ALTERATIONS
(707) NO. 1429 BROADWAY, **OAKLAND.** Alterations.
Owner—American Trust Co., 464 California St., San Francisco.
Architect—Not Given.
Contractor—Geo. Swanstrom, 1615 78th Ave., Oakland. $5000

ALTERATIONS
(708) NO. 3816 FOURTEENTH AVE. **OAKLAND.** Alterations and addition.
Owner—H. Kaufmann, 3816 14th Ave., Oakland.
Architect—Not Given.
Contractor—Chas. W. Falk, 1520 E-38th St., Oakland. $1800

ADDITION
(709) NO. 6901 FOOTHILL BLVD., **OAKLAND.** One-story steel bldg. addition.
Owner—Fisher Body Co., Prem.
Architect—Alben Frobery, 1955 Webster St., Oakland.
Contractor — H. J. Christensen, 1955 Webster St., Oakland. $3000

DWELLING
(710) NO. 550 E-TWENTIETH ST. **OAKLAND.** Two-story six-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—Not Given. $5000

ALTERATIONS
(711) FOOT OF ADELINE STREET, **OAKLAND.** Alterations.
Owner—El Dorado Oil Works, Foot of Adeline St., Oakland.
Architect—Not Given. $6500

DWELLING
(712) NO. 5000 CAMDEN STREET, **OAKLAND.** One-story five-room dwelling.
Owner — A. G. Alldrin, 3101 Berlin Way, Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland. $3500

DWELLING
(713) NO. 223 OAKLAND AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—A. J. Amouric, 425 Oakland Ave., Oakland.
Architect—Not Given.
Contractor—James Allen, 6718 Flora St., Oakland. $2750

DWELLING
(714) NO. 4071 WATERHOUSE RD., **OAKLAND.** One-story five-room dwelling.
Owner—A. D. Childers, 4073 Waterhouse Road, Oakland.
Architect—Not Given.
Contractor—J. M. Kinley, 631 Hillsborough St., Oakland. $3500

ADDITIONS
(715) NO. 2325 PIEDMONT AVE., **BERKELEY.** Additions.
Owner—Pi Beta Phi, Premises.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Berkeley. $1400

RESIDENCE
(716) NO. 1643 LE ROY AVENUE, **BERKELEY.** Two-story 10-room residence.
Owner—Von T. Ellsworth, 2388 Vine St., Berkeley.
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $9000

WAREHOUSE
(717) NO. 900 HIGH ST., **OAKLAND** One-story warehouse.
Owner—L. A. Young Spring & Wire Corp., Premises.
Architect—Not Given. $12,000

DWELLING
(718) NO. 1416 OXFORD ST., **BERKELEY.** Two-story six-room dwelling.
Owner — Herbert Finch, 1422 Oxford St., Berkeley.
Architect—Not Given.
Contractor — Clyde E. Rednow, 2144 Spaulding St., Berkeley. $5600

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
134	Hibernia	Beyer	14800
135	Forbes	Appelbe	9991

ALTERATIONS
(134) N ELLIS 93-16 W Powell W 78-4½xN 137-6; E Carlos Place 117-6 S O'Farrell St. S 20xE 60 or 140 Ellis St. All work for alterations and modernization of hotel.
Owner—The Hibernia Savings & Loan Society, Hibernia Bank Bldg., Jones and McAllister Sts., S. F.
Architect—Not Given.
Contractor — Louis Beyer (as Louis Beyer Co.), 1616 Golden Gate Ave.
Filed Sept. 11, '35. Dated Sept. 5, '35.
On 6th and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, $14,800
Bond, $14,800. Sureties, C. E. Reinhardt and I. D. Chadborne. Limit and forfeit, none. Plans and specifications filed.

DWELLING
(135) N ALTA ST. 100 E Montgomery St. All work for three-story and basement frame dwelling.
Owner—Helen K. Forbes, % Contractor.
Architect — William Wilson Wurster. 260 California St., S. F.
Contractor — Frank G. Appelbe, 1967 Walker St., Oakland.
Filed Sept. 16, '35. Dated Sept. 10, '35.
Frame completed $2497.75
1st coat plaster on 2497.75
Upon acceptance 2497.75
Usual 35 days 2497.75
TOTAL COST, $9991
Bond, none. Limit, Dec. 21, 1936.

Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
68	Beattie	Henderson	11540

RESIDENCE

(68) FOR LOTS 9 AND 10, La Loma Park, Berkeley. All work for frame and stucco residence.

Owner—Mrs. D. A. Beattie, San Jose.

Architect—Arthur F. Dudman, Sacramento.

Contractor — Herbert Henderson, 20 Avis Road, Berkeley.

Filed Sept. 12, '35. Dated Aug. 31, '35.

Frame up and sheathing on	$2163.75
Shingled & brown plastered	2163.75
Ready for painting	2163.75
When completed	2163.75
Usual 35 days	2885.00
TOTAL COST,	$11,540.00

Bond, none. Limit, 130 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER flats, $350: 1821 Lake Street; owner, L. J Camicia, Prem.

SIGN, electric, $250; 730 Bush Street; owner, Samarkand Co., 893 Folsom St.; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.

ALTER apartments, $50; 1956 Sutter St.; owner, G. V Shapoff, Prem.

SIGN, electric, $250; 730 Bush Street; owner, Samarkand Co., 893 Folsom St.; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.

ALTER dwelling, $60; 298 Arelta St.; owner, M. Hernandez, Premises.

ALTER dwelling, $200; 1443 Fifth St.; owner, Mrs. H. Johnson, Prem.

ALTER service station, $200; NE San Jose Ave. and Colonial Way; owner, Seaside Oil Co., 2121 Third St.; contractor, Michel & Pfeffer Iron Works, 1415 Harrison St.

ALTER flats, $500; 884 Fulton Street; owner, Elma E. Beers, Premises; contractor, S. Rakele, 757 Grove.

ALTER dwelling, $175; 701 Broderick St.; owner, May B. Smith, 654 12th Ave.; contractor, J. N. Dunn, 2620 Anza St.

SIGN, electric, $450; 744 Washington St.; owner, Sun Huug Heung, 744 Washington St.; contractor, State Mfg. Co., 55 Rausch St.

SIGN, electric, $327; 424 Geary St.; owner, Jean Peterson, Premisees; contractor, Pacific Iron Mfg. Co., 2600 18th St.

ALTER service atation, $200; NW 22nd Ave. and Taraval St.; owner, Seaside Oil Co., 2121 Third St.; contractor, Michel & Pfeffer Iron Works, 1415 Harrison St.

ALTER store, $500; 1603 Haight St.; owner, F. Martin, Prem.; contractor, H. Sterger, 1555 Haight St.

ALTER dwelling, $325; 406 San Jose Ave.; owner, James Gew John, Premises.

ALTER dwelling, $75; 1236 22nd St.; owner, William Bamilic, Premises.

SIGN, electric, $285; 400 Valencia St.; owner, Retread Tire Co., 400 Valencia St.; contractor, Pacific Neon Mfg. Co., 2600 18th St.

ALTER dwelling, $180; 4028 18th St.; owner, Cap. Healey, Premises; contractor, S. F. Terrazzo Co., 3730 Third St.

ALTER dwelling, $275; 2246 Gilbert St.; owner, P. Sanfina, Premises.

FLUE (1) patent, $20; 1922 Taylor St.; owner, Carniglia, Prem.; contractor, A. Strappiano, 510 Union St.

ALTER dwelling, $400; 359 Naples St. owner, Peter Tortorelli, 463 Lisbon

SIGN, electric, $50; 815 Irving St.; owner, Rosenthal's Grocery, Prem. contractor, Wonderlite Neon, 170 Otis St.

ALTER dwelling, $500; 1145 Steiner St.; owner, Mark Henry, Prem.

ALTER dwelling, $250; 2470 33rd Ave. owner, Henry Lehnberg, Prem.

ALTER dwelling, $365; 1129 Church St.; owner, Michael McAuliffe, 3953 23rd St.; contractor, Victor Oliva, 2731 24th St.

ALTER store, $270; NW Page and Divisadero Sts.; owner, Dr. F. T. Ayers, 1006 Page St.; contractor, J. F. Linder, 617 Moraga St.

ALTER flats, $325; 656-658-660 Valencia St.; owner, Mrs. M. D. Gulart, 658 Valencia St.

ALTER flats, $185; 314 Chestnut St.; owner, Mrs. Preti, 330 Chestnut St.; contractor, S. Mazzoncini, 3020 Buchanan St.

ALTER dwelling, $850; 3919 25th St.; owner, Mrs. K. Jones, 198 Anderson St.

ALTER flats, $200; 506 Ashbury St.; owner, Mrs. Ratman, Premises.

ALTER dwelling, $400; 2137 Jones St.; owner, Gatto & Raggio, Prem.; contractor, L. Polidoro, 780 Vallejo

BILLBOARD, $25; E Potrero Ave. 100 N Army St.; owner, West Coast Adv. Co.

ALTER dwelling, $110; 277 Third Ave. owner, M. Solcadlia, Prem.; contractor, California Concrete Co., 1632 Steiner St.

ALTER dwelling, $500; 765 Morse St.; owner, S. Castalde, Prem

ALTER office, $500; 114 Sansome St.; owner, Adam Grant Bldg., Prem.; contractor, Lindgren & Swinerton, 225 Bush St.

SIGN, electric, $50; Alemany and Geneva Ave.; owner, C. Restani, Premises; contractor, Wonderlite Neon Prod. Corp., 170 Otis St.

ALTER shop, $25; 1270 Pacific Ave.; owner, C. Haims, Prem.; contractor, Jiffy Mfg. Co., 1270 Pacific.

ALTER dwelling, $250; 634 Lyon St.; owner, Mrs. A. Ortego, Premises; contractor, Joel Johnson & Son 1614 Church St.

FLUES (2) patent, $50; 1344 Balboa St.; owner, Louis Lorenz, Prem.; contractor, Lincoln Way Metal Works, 1841 Lincoln Way.

SIGN, electric, $175! 546 Columbus Ave.; owner, Columbus Drug Co., Prem.; contractor, American Elec. sign Co., 1740 Eddy St.

BILLBOARD, $6.25; S Market 82 W Douglas St.; owner, Foster and Kleiser Co., 1675 Eddy St.

SIGN, electric, $170; 105 Turk St.; owner, J. P. Hayes Canteen, 105 Turk St.; contractor, American Elec. Sign Co., 1740 Eddy St.

ALTER hotel, $500; NW Jackson and Front Sts.; ownir, Melba Hotel, Prem.; contractor, Richard Delucchi, 3275 San Bruno Ave.

ALTER store and offices, $600; 246 Montgomery St.; owner, Mr. Newport, Russ Bldg., contractor, Wm. Jones, 1132 Guerrero St.

SIGN, electric, $300; 2498 Mission St.; owner, The Leader, Prem.; contractor, Wonderlite Neon Prod. Co., 170 Otis St.

ALTER store, $45; 2188 Mission St.; owner, Joseph Brill, 325 25th Ave.

ALTER factory, $980; 1855 Folsom St.; owner, Owens, Illinois, Pacific Coast Co., 1855 Folsom St.; contractor, Barrett & Hilp, 918 Harrison St.

FLUES, (2) patent, $50; 141 Moneta Way; owner, L. Beslo, Prem.; contractor, W. Burlani, 2555 San Bruno Ave.

ALAMEDA COUNTY UNDER $1000

RECOAT gravel roof, $60; 2515 Encinal Ave., Alameda; owner, R. E. Rifford, Prem.; contractor, Crown Roofing Co., 1911 E-12th St., Oakland.

ALTERATIONS, $100; 1139-41 Pacific Ave., Alameda; owner, E. D. Fortman, 1139 Pacific Ave.; contractor, Chas. Simpson, 2835 Calhoun Street.

RE-ROOF, $204; 2053 Buena Vista Ave., Alameda; owner, C. J. Von Slake, Premises; contractor, F. Ambiel, 1711 Everett St.

ADDITION and auteration, $100; 1550 Fourth St., Alameda; owner, J. W. O'Brien, Premises.

STEPS, concrete, $90; 1420 Union St., Alameda; owner, J. P. Steffensen, 1300 Webster St., Oakland; contractor, Frank Lopes, 315 Garcia Ave., San Leandro.

RE-ROOF, $211; 1379 Pearl St., Alameda; owner, B. L. Bodkin, 1714 Alameda Ave.; contractor, New Art Roofing Co., 1307-11 Fruitvale Ave., Oakland.

SIGN, electric, $85; 1706 Lincoln Ave., Alameda; owner, Carlson's Buffet, Premises; contractor, Imp Electric Sign Co., 2228 Myrtle St., Oakland.

ALTER dwelling, $425; 2103 Clinton Ave., Alameda; owner, William Krueger, 2103 Clinton Ave.; contractor, Lewis L. Golden, 2106 9th Ave., Oakland.

GARAGE, 1-car, frame, $75; 1829 San Antonio Ave., Alameda; owner, F. P. Le Count, 1829 San Antonio Avenue.

RE-ROOF, $130; 5422 Brookdale Ave., Oakland; owner, Miss Bonnie Tate Premises.

REPAIRS, $83; 2819 Rawson Street, Oakland; owner, H. G. Cunningham, Prem.; contractor, Albert A. Church, 3536 Allendale Ave.

ALTERATIONS, $950; 7631-33 Foothill Blvd., Oakland; owner, M. C. Stangaard, 1825½ Berkeley Way, Berkeley.

GARAGE, one-story, $100; 6818 Paso Robles Drive, Oakland; owner, E. H. Coe, Premises.

GARAGE, one-story, $75; 3138 Nicol Ave., Oakland; owner, Margaret Dunstan, Premises.

ALTERATIONS, $90; 5905 Telegraph Ave., Oakland; owner, Mr. Blumen, Prem.; contractor, A. Cardoni, 5244 Lawton Ave.

RE-ROOF, $125; 624 Aileen Street, Oakland; owner, D. M. Copland, Premises.

ALTERATIONS, $300; 198 10th St., Oakland; owner, Mrs. Money, 198 Tenth St.; contractor, C. E. Burks 4129 Randolph Ave.

STATIONS, (2) one-story steel and 1-story steel comfort station, $750, $800 and $150 respectively; 596 8th St., Oakland; owner, Jack Siegel, 596 8th St.; contractor, J. H. Tarman, 5000 Broadway.

SIGN, metal, $4; 7900 E-14th Street, Oakland; owner, Gordon Perry, 7839 Ash Street.

SIGN, metal, $20; 429 14th St., Oakland; owner, Unger's, Prem.; contractor, Brown Neon Sign Co., 1561 San Pablo Ave., El Cerrito.

SIGN, electric, $400; 5434 E-14th St., Oakland; owner, Kay Chesterfield Co., Prem.; contractor, Electric Prod. Corp., 950 30th St.

SIGN, electric, $150; 2735 Broadway, Oakland; owner, Howard Automobile, Prem.; contractor, Electric Prod. Corp., 950 30th St.

SIGN, electric, $100; 1242 E-14th St., Oakland; owner, Kome Inn, Prem. contractor, Ace Elec. Sign Co., 1243 E-12th St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Theatres
17.—Wharves & Docks
18.—Misc. Const.
19.—Misc. Supplies & Offices

1— APARTMENTS

Sub-Bids Being Taken.
APARTMENTS Cost, $16,000
SAN FRANCISCO, N North Point 100 W Buchanan St.
Two - story and basement frame and stucco apartments (20 rooms) tar and gravel roof, canvas walls, steel sash, tile baths, hardwood floors, electric refrigeration, etc.
Owner & Builder—Ben Liebman, 1555 Francisco Street.
Architect—R. R. Irvine, 3431 Market.

To Be Done By Day's Work.
APARTMENTS Cost, $35,000
SAN FRANCISCO. SE Beach and Webster Streets.
Three-story and basement frame and stucco apartments.
Owner & Builder—Ben Liebman, 1555 Francisco St., San Francisco
Architect—R. R. Irvine, 3431 Market St., San Francisco.

Contract Awarded
APARTMENTS Cost, $28,500
SACRAMENTO, Sacramento Co., Cal 1321 O Street.
Two - story frame and stucco apartment (16 apts., 16 baths) concrete foundations, wood and cement stucco exterior, Spanish tile roof, steam heating system, Marshall & Stearns wall beds, etc.
Owner—Jacob Loyth, Sacramento.
Architect—Frederick S. Harrison, 1005 Tenth St., Sacramento
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Plumbing—Leonard U. Plummer, 1019 J St., Sacramento

Contract Awarded
ALTERATIONS Cost, $9,000
SAN FRANCISCO, SE Greenwich and Franklin Streets.
Alterations to apartments.
Owner—Mrs. Schwalbe, premises
Architect—Not Given.
Contractor—A. C. Lindgren, 346 Lowell Street.

Contract Awarded
APARTMENT Cost, $1,000
PALO ALTO, Santa Clara Co., Calif 319 Hawthorne Avenue.
Apartment over garage
Owner—H. Lommel.
Architect—Not Given.
Contractor — James Burke, 329 Hawthorne Ave., Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, SE Greenwich and Franklin Streets.
Remodel exterior and interior of apartment house (18 2- and 3-rm. apts.) tile work, mill work, windows, plumbing fixtures, etc.
Owner—Mrs. Schwalbe, Premises.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. C. Lindgren, 346 Lowell St., San Francisco.

4— FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $6,000
SAN FRANCISCO, 62 Townsend St.
One-story steel warehouse.
Owner—Pacific Vegetable Oil Company 62 Townsend Street.
Engineer—Alfred P. Fisher, Hunter-Dulin Building.
Contractor—H. T. Gettins Company, 268 13th Street.

Sub-Contracts Awarded.
FACTORY Cost, $17,393
SAN FRANCISCO, S 14th St. 75 W. Folsom (100x110-ft.)
One - story reinforced concrete and steel factory (Class C construction).
Owner—E. Meakin.
Engineer—Norman B. Green, 55 New Montgomery Street.
Contractor—Adam Arras, 4008 Eighteenth Street.
Steel Sash—Fenestra Const. Co., 111 Sutter Street.
Reinforcing Steel—Truscon Co., 604 Mission St.
Structural Steel—Judson Pacific Co., 609 Mission Street.
Lumber—Loop Lbr. Co., Central Basin.

Contract Awarded
ADDITION Cost, $4,000
OAKLAND, Alameda Co., Calif. 1100 57th Avenue.
Addition to plant.
Owner—Ferro Enameling Co., 1100 57th Ave., Oakland.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland.

Plans Being Completed
BOTTLING PLANT Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SW Cor. Stockton Blvd. and Miller Way.
One-story brick bottling plant (first floor concrete; 2nd, wood construction; composition roof, steel windows, 2,000-ton freight elevator).
Owner—Coco Cola Company.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

CONTRACT AWARDED
PHOENIX, Ariz.—Clinton Campbell Const. Co., Phoenix, awarded contract at $35,273 for construction of a new 2-story brick creamery building at Jackson St. and Third Avenue, Phoenix, for Maricopa Creamery, Inc. The building will be the major unit of the creamery's $125,000 enlargement and modernization program. Leschner & Mahoney, 1100 Title and Trust Bldg., Phoenix, architects.

Additional Sub-Contracts Awarded.
WAREHOUSE Cost, $—
SAN FRANCISCO, 656-668 Townsend.
One-story Class C warehouse (100x165 feet) stucco over brick front, flat roof, terra cotta partitions, concrete floors, etc.
Owner—McGilvray Company.
Engineer—Jas. M. Smith, 251 Kearny Street.
Lessee—Ducommun Corporation
Contractor—F. K. DuPuy, 110 Sutter
Mill Work—Portman Planing Mill, 1618 Mission Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Other awards reported August 29.

Plans Being Prepared.
ADDITION Cost, $30,000
OAKLAND, Alameda Co., Calif 1148 East 18th Street.
Two-story Class C brick addition to manufacturing plant (170x45-ft.)
Owner—Mother's Cake & Cookie Co., 1148 E 18th St., Oakland.
Architect—W. E. Millwain, 1503 Oakland Ave., Oakland.
Bids will be asked in about three weeks.

PLANNED
LOS ANGELES, Cal.—Harbor Box & Lumber Co., W. E. Arblaster, president, 1428 S. Alameda St., has purchased a 15-acre tract of land on Pico St. two blocks east of Soto St., as the site for a new factory building. Estimated cost, $60,000. Plans will not mature until after the first of next year.

Contract Awarded.
WAREHOUSE Cost, $12,000.
OAKLAND, Alameda Co., Calif. 900 High Street.
One-story warehouse.
Owner & Builder—L. A. Young Spring & Wire Corp., 900 High St.
Architect—Not Given.

5— FLATS

Sub-Bids Being Taken.
RESIDENCE FLATS Cost, $12,000
SAN FRANCISCO, W 25th Ave. 225 N Fulton Street.
Two-story and basement frame and stucco residence flats (two six-room, 2 baths each) tile, shingle and composition roofs, steam heating plant, hardwood floors, tile baths, Venetian blinds, canvas walls and ceilings, social rooms, patios, etc.)
Owner and Builder—T. I. Strand, 670 Victoria Street.
Architect—R. R. Irvine, 3431 Market.

Contract Awarded.
FLATS Cost, $11,250
SAN FRANCISCO, N Bay 87 E Broderick Street.
Two-story and basement frame flats.
Owner and Builder—Oliver M. Rousseau, 321 Kearny Street.
Architect—R. R. Irvine, 3431 Market Street.

6—GARAGES & SERVICE STATIONS

Plans Being Figured.
GARAGE Cost, $3500
SUISUN, Solano Co., Cal. Main St.
New garage and service station.
Owner—Al Engell, Suisun.
Architect—Not Given.
Bids are being received from local contractors.

7— FEDERAL BUILDINGS

PLANS BEING PREPARED
SAN CLEMENTE ISLAND, Cal.—Navy Department has plans under way for a naval base to be established on San Clemente Island, sixty miles off the coast of Southern California. Improvements will include an air base, an ammunition depot, a training base and a landing wharf

BIDS OPENED

LOS ANGELES, Calif.—Dahlstrom Metalic Door Co., Jamestown, N. Y., at $7,199 submitted low bid to Veterans' Administration Facility, Washington, D. C., for metal cubicle partitions in Buildings Nos. 162 and 174 at the Veterans' Administration Facility, Los Angeles.

Complete bids follow:

Dahlstrom Metallic Door Co., Jamestown, N. Y.	$ 7,199
add (1)	1,898
A. J. Beyer, Los Angeles	7,781
add (1)	1,620
Sanymetal Prod. Co., Cleveland	8,600
add (1)	1,783
Weis Mfg. Co., Elkhart, Ind.	7,975
add (1)	1,699
Mills Co., Cleveland, Ohio	9,200
add (1)	1,875
Art Metal Const. Co., Jamestown, N. Y.	16,048
add (1)	4,191

Bids held under advisement.

LOW BIDDER

LUALUALEI, T. H. — Max W. Moody, Honolulu, T. H., at $2060 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for ground system at the Radio Station, Lualualei, T. H. Complete bids will be published shortly.

COMPLETE BIDS

PHOENIX, Ariz.—As previously reported, Tri-State Electric Co., Memphis, Tenn., at $2,550 submitted low bid to Treasury Dept., Washington, D. C., for interior lighting fixtures to be installed in the U. S. post office at Phoenix.

Complete bids follow:

Tri-State Elec. Co., Memphis	$2,550
Mutual Metal Mfg. Co., Chicago	2,725
Reading Chandlier Works, Reading, Pa.	3,375

Bids held under advisement.

September 13, 1935

COMPLETE BIDS

LONG BEACH, Cal.—As previously reported, Arthur M. Gelden, 1240 N. Wells St., Chicago, at $3,372 submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. post office at Long Beach.

Complete bids follow:

Arthur M. Gelden, Chicago	$3,372
Patterson Bros., Oakland	4,240
D. Zelinsky & Sons, L. A.	4,618
J. B. Worthington, San Diego	5,533

Bids held under advisement.

BIDS WANTED

POINT ST. GEORGE, Cal.—Until October 2, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing an oil burning heating boiler with fuel tank to replace an existing coal-fired boiler at the U. S. Naval Direction Finder Station, Point St. George, Crescent City, Calif. Specification No. 8047. Plans and specifications may be obtained from above upon deposit of $5.

Complete Bids.

INSPECTION STATION Cost, $66,000
NACO, Arizona.
Two-story and basement inspection station (67x48 ft.) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving, metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—E. L. Martin, P. O. Box 654, Dallas Texas, $54,830.

Complete bids follow:

E. L. Martin, Dallas, Texas,	$54,830.
MacDonald Constr. Co., St. Louis, Mo.,	$57,928.
Blauner Constr. Co., Chicago, Ill.,	$59,877.

Bids held under advisement.

LOW BIDDERS

FAIRBANKS, Alaska—Commercial Painting Service, Chicago, Ill., at $3300, submitted low bid to Treasury Department, Washington, D. C., for painting plaster, etc., at the U. S. Post Office, Fairbanks, Alaska.

CONTRACT AWARDED

HOLLYWOOD, Los Angeles Co., Cal.—B. Mako, Los Angeles, at $1,021.50 awarded contract by Treasury Department for plaster models for the Los Angeles Post Office.

Bids In—Under Advisement.

SERVICE STATION Cost, $6000
SAN FRANCISCO. NW Claremont Blvd. and Ulloa Street.
One-story Class C service station.
Owner — General Petroleum Corp. of California, Higgins Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.

Contract Awarded.

SERVICE STATION, ETC. $3000
SAN FRANCISCO. SE Seventeenth and Noe Streets.
One-story steel service station and one-story steel rest room building.
Owner—A. Hirshberg, % Contractor.
Lessee—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Department of Richfield Oil Co.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.

BIDS WANTED

ALCATRAZ ISLAND, Cal. — Until Sept. 24, 3 P. M., bids will be received by the Bureau of Prison, U. S. Penitentiary, Alcatraz Island, Room 214 Post Office Bldg., San Francisco, under Spec. No. 23, for building guard tower, remodeling space in Buildings No. 64, 4 and 28 into apartments and single rooms, and extending waiting room on Wharf No. 33.

Bids may be delevered in person to the above office or mailed to the Warden, U. S. Pentitentiary, Alcatraz.

BIDS WANTED

ELKO, Nevada.—Until Sept. 27 bids will be received by the Treasury Depatment Public Works Branch, Washington, D. C., for furnishing insect screens for the Elko post office.

Sub-Contracts Awarded.

AUTO SALES BLDG. Cost, $6,000
CENTERVILLE, Alameda Co., Calif.
One-story auto sales building and garage (wood frame construction).
Owner—Frank McGruga.
Architect—Miller and Warnecke, Financial Center Bldg., Oakland.
Contractor—M. White, Centerville.
Roofing—M. & S. Tile Co., Decoto.
Plumbing—Geo. A. Coit Hardware Co. Centerville.
Electric Wiring—Centerville Elec. Co., Centerville.
Sheet Metal—Geo. A. Coit Hardware Co., Centerville.
Tile Work—Frank McGruga.
Concrete—M. White.
Wood Sash—P. C. Hansen Lbr. Co., Centerville.
Reinforcing Steel—P. C. Hansen Lbr. Co., Centerville.
Glass & Lumber—P. C. Hansen Lbr. Co., Centerville.
Painting—Clark Bros., Centerville.
Lathing and Plastering—H. P. Machado, Centerville.
Finish Material—P. C. Hansen Lumber Company.
Grading—August DaVilla, Centerville.
Foundation—M. White.
Toilet Partitions—P. C. Hansen Lbr. Company.

BIDS WANTED

PEARL HARBOR, T. H.—Until November 6, 11 A. M., bids will be received by Bureau of Yards & Docks Navy Dept., Washington, D. C., for the construction of a storehouse, fire house, garage and boat house at Pearl Harbor; Spec. No. 8022. Estimated cost, $77,000.

BIDS WANTED

HOLLYWOOD, Los Angeles Co., Cal.—Until October 11, 1 P. M., bids will be received by Treasury Department, Procurement Division, Public Works rBanch, Washington, D. C. for furnishing an installing 1 freight elevator in the U. S. post office at Hollywood.

Specifications may be obtained from the above office.

Bids Wanted—To Close October 11...

POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

COMPLETE BIDS

FAIRBANKS, Alaska — Commercial Painting Service, Chicago, Ill. at $3300 submitted low bid to Treasury Department, Washington, D. C., for painting plaster,etc., in the U. S. Post Office, Fairbanks, Alaska. Complete bids follow:

Commercial Painting Service, Chicago, Ill.,	$3300.
Thayer & Thayer, Seattle, Wash.,	$3938.
D. Zelinsky & Sons, San Francisco,	$4200.
Patterson Bros., Oakland,	$4220.
Apex Painting and Decorating Co., Seattle, Wash.,	$4345.
Arthur M. Gelden, Chicago,	$4437.
D. J. Inman, Danville, Ill.,	$4493.
Andrew Nerland, Fairbanks, Alaska,	$4663.
Wm. Wilson Sons, Inc., Atlanta, Ga.,	$4700.
Wm. Ghrone, Jolliet, Ill.,	$4892.
Philip Sundquist and Andrew Isaacson,, Fairbanks,	$6300.
A. Ladegard, Chicago,	$7974.

Bids held under advisement.

Contract Awarded.

POST OFFICE Cont. Price, $71,896
ANAHEIM, Orange Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—C. F. Campbell Bldg. Co., and Charles Kelly, Byrne Bldg., Los Angeles.

BIDS WANTED

GOVERNMENT ISLAND, Calif. — Until Sept. 23, 2 P. M., bids will be received by U. S. Forest Service, H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing one Type "J" building for delivery at Placerville, Calif.; Bid No. 2893.

Specifications and proposal form on application to above.

BUILDING MATERIALS APPROVED

WINSLOW, Ariz.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. post office at Winslow. Robert E. McKee, El Paso, Texas, general contractor.

Lighting distribution panel, Frank dams Elec. Co.; pendant switches, ass & Seymour; glassware, Gill Glass Fixture Co. and Moe-Bridges Corp.; ghting fixtures, Perfeclite Co.

omplete Bids.
OST OFFICE Cost, $130,900
ANTA MONICA, Los Angelea Co.
. S. Post Office Building.
wner—United States Government.
lans by Supervising Architect, Treasury Dept., Washington, D. C.
ow Bidder—Charles J. Dorfman, 143 No. La Brae Ave., Los Angeles, $94.740.
Complete bids follow:
has. J. Dorfman, L. A. .....$ 94.740
heo. A. Beyer Corp., L. A..... 97,285
. F. Campbell Bldg. Co. and Chas. P. Kelly, L. A..... 99,458
chuck Constr. Co., L. A..... 103,600
ampbell Constr. Co., L. A..... 105,888
. F. Dow Co., L. A..... 113,313
chuler & McDonald, Inc., Oakland 149,000

UILDING MATERIALS APPROVED
HOLLYWOOD, Los Angeles Co., alif.—Treasury Department has approved the following building material and equipment awards for the onstruction of the U. S. post office t Hollywood. K. E. Parker Co., 135 outh Park, San Francisco, general ontractor.
Water heater, Pittsburgh Water leater Co.; tank, E. B. Badger and ibbons Boiler Co.; air valves for raons Co.; backwater ceaspools, Amerran Foundry & Mfg. Co.; boiler, Fitzlators, Hoffman Specialty Company.

)— HOSPITALS

IDS WANTED
BAKERSFIELD, Kern Co., Cal.—ntil Sept. 30, bids will be received y the Kern county supervisors, Bakrs field, for heating equipment to be stalled in the county tuberculosis anitarium at Stonybrook.

LANNED
OLIVE VIEW, Los Angeles Co., Cal. -Preliminary studies for the proposed ew 7-story reinforced concrete hosital building to be erected at Olive iew are being prepared by the Los ngeles county mechanical departnent, working in conjunction with he superintendent of Olive View. A WA grant for the project, amountng to $8,000,000, was approved on eptember 5.

Completing Plans.
IOSPITAL Cost, $200,000
ANTA ROSA, Sonoma Co., Calif.
wn-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc.) 200-bed capacity.
)wner—County of Sonoma.
rchitect—John I. Easterly, Exchange Bank Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer) Courthouse, Santa Rosa.

CONTRACT AWARDED
FORT YUMA, Ariz.—J. A. Hunt, P.). Box 146, East San Diego, at $90,-50 awarded contract by the Purhasing Officer, Interior Department, Vashington, D. C., Sept. 10 at $92,180, or constructing a hospital building t the Ft. Yuma Indian Agency, Ariz. 'he building will be a one-story and asement T-shaped structure, exreme dimensions 152x100 ft.

10— HOTELS

September 13, 1935

To Be Done By Day's Work.
ALTERATIONS Cost, $10,000
SAN FRANCISCO, 140 Ellis Street
Alterations to hotel.
Owner—Dale Tallac Hotel, 140 Ellis
Architect—Not Given

Contract Awarded.
ALTERATIONS Cost, $14,800
SAN FRANCISCO, N Ellis St. W of Powell Street.
Alterations and additions to hotel.
Owner—The Hibernia Savings & Loan Society, Hibernia Bank Bldg.
Architect—Not Given.
Contractor — Louis Beyer Co., 1616 Golden Gate Ave.

11—ICE AND COLD STORAGE PLANTS

Contract Awarded
COLD STOR. PLANT Cost, $32,500
EXETER, Tulare Co., Cal. Santa Fe right-of-way.
Two-story cold storage plant (52x80-feet) heavy mill construction, reinforced concrete walls, etc.
Owner—Exeter Fruit Association.
Architect—Not Given.
Contractor—T. B. Runelman, Route 1, Box 1180, Exeter.

12— POWER PLANTS

CONTRACT AWARDED
SACRAMENTO, Cal. — Hately and Hately, 1710 10th St., Sacramento, at $3942.32 awarded contract by the Sacramento County Board of Supervisors for furnishing and installing oil and gas burning equipment for the three 185-hp. Sterling boilers located in the boiler room at the Sacramento Hospital.

BIDS WANTED
BONNEVILLE, Ore.—Until Oct. 8, 3 P. M., bids will be received by U. S. Engineers, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, for constructing (1) powerhouse superstructure; (2) powerhouse substructure around scroll cases; (3) fishway control houses; (4) Bradford Island fish ladder at the Bonneville Power and Navigation Project, located 42 miles east of Portland on the Columbia River; Contract No. 50.

Bids will be taken under three schedules as follows:

SCHEDULE I

(a) Construction of the powerhouse superstructure;

(b) Completion of the powerhouse substructure around scroll cases, turbines and generators, including installation of specified turbine parts;

(c) Construction of one fishway control house south of powerhouse.

SCHEDULE II

(d) Construction of the Bradford Island fish ladder;

(e) Construction of one fishway control house at fish ladder intake.

SCHEDULE III

(f) All work required for Schedules I and II.

General Description

The work at the powerhouse consists primarily of (1) constructing the superstructure, a concrete building about 277 feet long by 103 feet wide and 72 feet in height and (2) completing its concrete substructure.

Bradford Island fish ladder will be a concrete channel of rectangular cross section to be built upon a gradient with cross walls or weirs at regular intervals. An enclosed auxiliary water supply conduit is to be constructed. Two concrete bridges are to be provided crossing over the fish ladder.

Following is the schedule of quantities estimated for canvassing bids:

SCHEDULE I

(1) 17,000 c.y. concrete Class A, below elevation 55.0;
(2) 8,800 c.y. concrete Class A above elevation 55.0;
(3) 1,000 c.y. concrete, Class B below elevation 55.0;
(4) 200 l.f. rubber hose for reinforcing steel;
(5) 35 c.y. sawdust concrete;
(6) 3,800,000 lbs. reinforcing steel;
(7) 570,000 lbs. struc. steel, heavy;
(8) 110,000 lbs. do, light;
(9) 2,000 lbs. steel castings;
(10) 3,000 lbs. iron castings;
(11) 1,000 lbs. cast bronze;
(12) 35,000 lbs. steel rails;
(13) 133,600 lbs. steel gratings, heavy;
(14) 26,580 lbs. do, light;
(15) 12,000 setting anchor bolts and inserts, material furnished by contractor;
(16) 5,000 setting anchor bolts, and inserts, material furnished by government;
(17) 300 l.f. copper water stops, vertical;
(18) 1,660 l.f. do, horizontal;
(19) 12,000 pounds galvanized wrought iron pipe;
(20) 1,000 lbs. pipe fittings, galvanized wrought iron;
(21) 51,000 lbs. cast iron pipe;
(22) 7,000 lbs. cast iron pipe fittings;
(23) 800,000 lbs. turbine parts (installation only);
(24) 1 job field painting doors, windows and structural steel, light;
(25) 5,100 sq. ft. tile walls, 4-in. thick
(26) 7,140 sq. ft. do, 6-in. thick;
(27) 800 sq. ft. do, 12-in. thick;
(28) 2,500 sq. yds. plaster on tile and concrete;
(29) 220 sq. yds. plaster on metal lath
(30) 2,300 sq. yds. suspended ceiling in generator room;
(31) 1,000 sq. yds. suspended ceiling elsewhere;
(32) 1 job windows and steel sash;
(33) 1 job steel doors, jambs and trim
(34) 800 l.f. metal base board;
(35) 212 squares roof membrane, under concrete;
(36) 54 squares do, exposed;
(37) 5,200 lbs. 16-oz. copper flashings and counterflashings;
(38) 1 job plumbing;
(39) 1,400 lbs. aluminum expansion joint trim;
(40) 6,000 lbs. misc. items of metal work;
(41) 1.5 MFBM oak lumber;
(42) 5.0 MFBM fir (for walkway);
(43) 17,000 l.f. ¾-inch galv. conduit, with fittings;
(44) 7,000 l.f. 1-in. do;
(45) 3,000 l.f. 1¼-in. do;
(46) 7,000 l.f. 1½-in. do;
(47) 4,000 l.f. 2-in. do;
(48) 1,000 l.f. 2½-in. do;
(49) 2,000 l.f. 3-in. do;
(50) 1,500 l.f. 3½-in. do;
(51) 500 l.f. 4-in. do;
(52) 500 l.f. 4½-in. do;
(53) 4,000 l.f. 4-in. fibre conduit;
(54) 500 l.f. 4½-in. do;
(55) 2,500 l.f. 4-in. transite conduit;
(56) 500 l.f. 4½-in. do;
(57) 600 l.f. 3¾x1½-inch underfloor fibreduct or equal, with fittings;
(58) 2,000 lbs. cabinet and pull boxes, galv. sheet steel;
(59) 150 lbs. copper grounding wire;
(60) 500 lbs. cast iron boxes;
(61) 580 tons erecting two 300-ton cranes (quote price per ton for erecting);
(62) 1 job construction of fishway control house at south end of powerhouse.

SCHEDULE II

(64) [illegible] y [illegible]vation;
(65) 12,[illegible] [illegible]ction,
(66) 7[illegible] [illegible]rap, hand placed;
(67) 1,[illegible] [illegible]rap, loose;
(68) [illegible] yds. overhaul;
(69) 15,[illegible] [illegible] concrete, Class A;
(70) 408,[illegible] [illegible] ft. forms, Type 1;
(70) 3,940 [illegible] ft. forms, Type 2;
(71) 42,910 [illegible] ft. forms, Type 3;
(72) 5,3[illegible] sq. ft. expansion joint precast
(73) 5,450 l.f. copper water stops;
(74) 3,000,000 lbs. reinf. steel;
(75) 102,5[illegible] lbs. structural steel, copper bearing;
(76) 1,850 lbs. corrosion resisting steel
(77) 1,140 lbs. steel castings;
(78) 11,900 lbs. iron castings;
(79) 14,000 lbs. misc. metal work;
(80) 1,000 lbs. galv. wrought iron pipe 2-in. to 10-in.;
(81) 300 l.f. galv. conduit, ½-in. dia., with fittings;
(82) 300 l.f. do, ¾-in. do;
(83) 5,000 l.f. do, 1-in. do;
(84) 4,500 l.f. do 1½-in. do;
(85) 500 l.f. do, 2-in. do;
(86) 20 l.f. do, 3-in. do;
(87) 50 lbs. cabinet and special boxes
(88) 100 lbs. copper ground wire;
(89) 8 MFBM timber baffles;
(90) 18 each diffusion chamber gates;
(91) 8,000 sq. ft. wood grating, diffusion chamber;
(92) 1 job construction of control house at Bradford Island fish ladder intake.

SCHEDULE III

A combination of all items in Schedules I and II.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SACRAMENTO, Cal. — Until Sept. 26, 8:15 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, City Hall, I St., between 9th and 10th Sts., for re-roofing the City Library in the Block I, J, 8th and 9th Streets.

Plans and specifications obtainable from above office. •

BIDS OPENED

SAN FRANCISCO—West Coast Wire & Iron Works, 861 Howard St., at $127 submitted the only bid received by the Department of Public Works, City Hall, for removing existing Kalamein door and installing new sheet steel and glass door and side panel on the fifth floor of the Hall of Justice passenger elevator. •

CONTRACT AWARDED

SAN FRANCISCO.—Eisele & Dondero, 2895 Third St., at $245 awarded contract by Department of Public Works for furnishing and installing marble base for statue in the vestibule of Veterans' Memorial Bldg., Civic Center. Complete bids published Sept. 12.

Preparing Preliminary Plans.

AUDITORIUM Cost, $60,000
PLACERVILLE, Eldorado Co., Calif.
Two-story reinforced concrete auditorium (to seat 1200).
Owner—City of Placerville.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Preliminary Plans Complete

FIREHOUSE Cost, $18,000
MT. DIABLO, Contra Costa Co., Cal
New firehouse.
Owner—City of Mt. Diablo.
Architect—E. W. Cannon, 81 Echo St Oakland.
Application filed with the PWA for a grant to assist financing.

BIDS WANTED

FAIRFIELD, Solano Co., Cal.—Until October 7, 11 A. M., bids will be received by G. G. Halliday, Clerk, Solano County Board of Supervisors, for replacing and repairing the present asphaltic roof covering of the County Courthouse and County Jail at Fairfield.

Specifications may be obtained from the County Surveyor, Courthouse, Fairfield.

BIDS WANTED

KETCHIKAN, Alaska. — Until Oct. 21, 1 P. M., bids will be received by Treasury Department, Public Works Branch, Washington, D. C., for furnishing prison equipment for the post office, court house and jail building to be erected at Ketchikan.

The building is to be constructed under a separate contract for which bids are also being received Oct. 21 as previously reported.

One set of drawings and specifications will be provided free upon application. Additional sets, $5, not returnable. •

Preliminary Plans Completed.

CITY HALL Cost, $33,000
LINDSAY, Tulare Co., Cal.
New City Hall, tennis courts and playground.
Owner—City of Lindsay.
Architect—F. L. Swartz, Brix Bldg., Fresno.
Application filed with PWA for a grant to assist financing.

APPLICATION WITHDRAWN

LOS ANGELES, Cal.—Los Angeles county supervisors on Sept. 12 withdrew the PWA application for $10,000,000 with which it was proposed to finance the construction of a new county courthouse in Los Angeles. The supervisors decided it was unlikely that the voters would approve a bond issue at this time to secure the loan, which would have amounted to $5,500,000. •

Preliminary Plans Completed.

AUDITORIUM Cost, $25,000
ARMSTRONG WOOD, Guerneville, Sonoma Co., Cal.
One-story rustic auditorium.
Owner—Withheld.
Architect — J. I. Easterly, 310 Exchange Bank Bldg., Santa Rosa.
Application has been filed with the WPA to furnish labor.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $3,000
SAN FRANCISCO. N. Hearst 100 W. Detroit.
One - story and basement frame residence.
Owner—F. Celini, care contractor.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Avenue

Contract Awarded.

RESIDENCE Cost, $4,250
SAN JOSE, Santa Clara Co., Cal. 60 Hobson Street.
Residence (five room).
Owner—M. E. Cook, 76 N First St., San Jose.
Architect—Not Given.
Contractor—Clyde Alexander, 329 So. 17th St., San Jose.

To Be Done By Day's Work.

RESIDENCE Cost, $2,500
SAN JOSE, Santa Clara Co., Cal. 473 Miner Avenue.
Residence (five room).
Owner—F. F. Judkins, 873 S 10th St., San Jose.
Architect—Not Given.

Sub-Bids Wanted.

RESIDENCE Cost, $450
OAKLAND, Alameda Co., Cal. N 1588 77th Avenue.
One-story and basement frame an stucco residence (six rooms).
Owner and Builder—F. W. Conlogue 2607 64th Ave., Oakland.
Architect—Not Given.
Sheet Metal—Atlas Heating & Ventilating Co., Ltd., 557 4th St., Sa Francisco.
Bids are being taken on plastering shingling, chimneys, sash and doors inside finish lumber, painting, hard wood floors and hardware.

To Be Done By Day's Work

RESIDENCES Cost, $3,500 eac
SAN FRANCISCO. W 26th Ave, 31 and 293 N Noriega.
Two one - story and basement fram residences.
Owner—R. F. Galli, 1574 28th Ave.
Architect—Not Given. •

Contract Awarded

RESIDENCE Cost, $5,60
BERKELEY, Alameda Co., Cal. 141 Oxford Street.
Two-story residence (six rooms).
Owner—Herbert Finch, 1422 Oxfor St., Berkeley.
Architect—Not Given.
Contractor — Clyde E. Rednow, 214 Spaulding St., Berkeley. •

Plans Being Revised.

RESIDENCE Cost, $3,50
SAN LEANDRO, Alameda Co., Calif
One - story wood frame residence (rooms) Colonial style, rustic exterior, shingle roof, gas floor furnace, hardwood floors, tile bath wood sash, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley Street, Oakland.
On previous opening B. F. Woolley 3933 Fruitvale Ave., Oakland, submitted low bid at $4,010. New bids will be asked.

Contract Awarded.

RESIDENCE Cost, $4,50
SARATOGA, Santa Clara Co., Calif.
One - story and basement frame an stucco residence (five rooms) tile roof, gas heating system, wood sash, stucco, oak floors, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley Street, Oakland.
Contractor—J. C. Monk, 45 Tait Ave., Los Gatos. •

Low Bidder

RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Cal. Sunset Boulevard.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—H. S. Shain, 54 Arlette Ave., Hayward, $3,299.

Low Bidder

RESIDENCE Cost, $6,000
OAKDALE, Stanislaus Co., Calif.
Two-story Colonial residence (9 rooms 2 tile baths) Redwood exterior, mill floor, heavy shingle roof, oil burner furnace.
Owner—J. S. Dunn (Dunn & Wyatt).
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Jarvis Brothers.

Sub-Contracts Awarded.

RESIDENCE Cost, $15,000
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths) French style, shake

roof, oil heating system, hardwood floors, tile baths, etc.
Owner—M. Moreshead.
Architect—W. B. Farlow, 1478 16th Ave., San Francisco.
Contractor — Moore and Roberts, 693 Mission St., San Francisco.
Lumber—Smith Lumber Co., Fourth and Channel Sts., San Francisco.
Millwork—Amerson Brothers Planing Mill & Mfg. Co., Quint and Custer Sts., San Francisco.
Plumbing—C. D. Wilson, P. O. Box 521, Menlo Park.

Contract Awarded.
RESIDENCE Cost, $4300
RODEO, Contra Costa Co., Calif.
One-story and basement frame and stucco residence (six rooms) tile and flat roof, hardwood floors, wood sash, etc.
Owner—Mr. and Mrs. Henrique.
Architect—Jas. Narbett, 466 31st St., Richmond.
Contractor—Robert Johnson, 560 36th St., Richmod.

Contract Awarded
RESIDENCE Cost, $3,000
PALO ALTO, Santa Clara Co., Calif 666 Channing Avenue.
One-story stucco residence.
Owner—F. W. Hackett, 690 Channing Ave., Palo Alto.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $1,000
FRESNO, Fresno Co., Cal. 1280 Del Mar.
Alter residence.
Owner—De Vore Glenn
Architect—Not Given.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

CONTRACT AWARDED
STOCKTON, San Joaquin Co., Cal.
J. C. Nunley, 744 Yale Ave., Stockton, at $1886 submitted low bid and awarded contract by the San Joaquin County Board of Supervisors, for construction of a Ferry Tender's House at the site of the Woodward Island Ferry, San Joaquin County.
The other bids were:
H. E. Vickory, Stockton.....$2085
J. C. Meyers, Stockton 2130

Contract To Be Awarded.
RESIDENCE Cost, $15,000
MERCED, Merced Co., Calif.
Two-story and basement frame and stucco residence (9 rooms and 4 baths) tile roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Senator A. S. Schottky.
Architect—Chas. Butner, 51 Maple St. Salinas.
Low Bidder—R. Pedersen, 446 Clark St., Fresno.
Complete bids follow:
R. Pedersen, Fresno.....$17,335
Harris Constr. Co., Fresno..... 17,539
Linden & Allen, Merced 18,395
J. E. Fritz, Merced..... 18,660
M. B. Folsom, Merced..... 19,097
Paul D. McCombs, Merced..... 19,686
A few minor changes will be made in the plans and the contract will be awarded the low bidder.

Contract Awarded
RESIDENCE Cost, $3,200
FRESNO, Fresno Co., Cal. 154 Kearney Street.
Residence and garage.
Owner—Jos. R. Ochinero, 1331 Tuolumne St., Fresno.
Architect—Not Given.
Contractor—M. Manoogian, 1505 Belmont Ave., Fresno.

Sub-Contracts Awarded
RESIDENCE Cost, $15,000
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths) French style; shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—M. Moreshead.
Architect—W. B. Farlow, 1478 16th Ave., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Lumber and Millwork—Smith Lumber & Planing Mill, 4th and Channel Sts., San Francisco.
Plumbing—C. D. Wilson, P. O. Box 521, Menlo Park.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $18,065
SACRAMENTO, Sacramento Co., Cal Forty-sixth and J Streets.
Two - story and basement frame and concrete residence (10 rooms and 4 baths) Tudor style, stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash.
Owner—Very Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Steel Windows—Detroit Steel Products Co., 111 Sutter St., San Francisco.
Lumber—Dolan Lumber Co., 31st and P Sts., Sacramento.
Electrical—Frank R. Merwin, 2623 Donner Way, Sacramento.
As previously reported, excavation awarded to Carl Mankel, 2924½ 35th St., Sacramento; concrete to Carl Fiedler, 2631 30th St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 29th Ave. 175 N. Taraval.
One - story and basement frame residence.
Owner—Andrew F. Benson, 2324 15th Avenue.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $3,000
SAN FRANCISCO. N Virginia 53 W Coleridge.
One - story and basement frame residence.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford Street.

Contract Awarded
RESIDENCE Cost, $9,000
BERKELEY, Alameda Co., Cal. 1643 LeRoy.
Two-story residence (10 rooms).
Owner—Von T. Ellsworth, 2388 Vine St., Berkeley.
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley.

Contract Awarded
ADDITION Cost, $1400
BERKELEY, Alameda Co., Cal. 2325 Piedmont.
Addition to sorority house.
Owner—Pi Beta Phi, 2325 Piedmont, Berkeley.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $3500
OAKLAND, Alameda Co., Calif. 4071 Waterhouse Road.
One-story residence (5 rooms).
Owner—A. D. Childers, 4073 Waterhouse Road, Oakland.
Architect—Not Given.
Contractor—J. M. Kinley, 631 Hillsborough St., Oakland.

Contract Awarded
RESIDENCE Cost, $2,7[illegible]
OAKLAND, Alameda Co., Calif. [illegible] Oakland Avenue.
One-story residence (5 rooms)
Owner—A. J. Amoric, 425 Oakland Ave., Oakland.
Architect—Not Given.
Contractor—James Allen, 6718 Flora St., Oakland.

Contract Awarded
RESIDENCE Cost, $3,500
OAKLAND, Alameda Co., Cal. 5,000 Camden Street.
One-story residence (5 rooms).
Owner—A. G. Alldrin, 3201 Berlin Way Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3192 McKillop Road, Oakland.

Plans Being Figured—Bids Close Sept. 24, 4:30 P. M.
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal. Mono Drive.
One-story frame and stucco residence (7 rooms, 2 baths) hot air heating system, hardwood floors.
Owner—W. D. Cook.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Plans Being Figured—To Close Sept. 23rd, 4 P. M.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story stucco residence (gas heating system, tile roof, hardwood floors).
Owner—Colonel Chamberlain.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.

Sub-Bids Wanted.
RESIDENCE Cost, $——
SAN FRANCISCO. St. Germaine Ave.
Two-story frame and stucco residence (6 rooms) shake roof, gas heating system, hardwood floors, tile bath.
Owner—Sherman Gardner.
Architect—J. K. Branner, 210 Post St.
Contractor—Fred DuPuy, 110 Sutter.
Construction will start in about two weeks. Sub-bids are being taken on all portions of the work.

Plans Being Prepared.
RESIDENCE Cost, $4300
OAKLAND, Alameda Co., Cal. Chabot Drive.
Two-story and basement frame and stucco residence and garage; hardwood floors, gas heating system.
Owner—Mrs. C. Ringen.
Architect—Earl R. MacDonald, 3812 Broadway, Oakland.
Plans will be completed in about 3 weeks.

Plans Completed—Owner Taking Bids.
RESIDENCE Cost, $4500
VALLEJO, Solano Co., Cal.
One-story and basement frame and stucco residence (6 rooms, 1 bath and one lavatory) shingle roof, wood sash, tile bath, hardwood floors, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.

Contracts Awarded.
RESIDENCES Cost, $3300 each
PALO ALTO, Santa Clara Co., Cal. 530, 532, 538, 540 Hawthorne Ave.
Four one-story stucco residences and garages.
Owner—J. B. Stevens, 2420 Tasso St., Palo Alto.
Architect—Not Given.

Contractor—Oro & Okerman, Box 433, Palo Alto.

Plans Being Figured—Bids Close Sept. 25, 4:30 P. M.
RESIDENCE Cost, $8,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths) composition roofing, steel sash, hardwood floors tile baths, etc.
Owner—M. Langstroth, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN FRANCISCO. E 24th 57 North Kirkham
One - story and basement frame residence.
Owner—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN FRANCISCO. E 24th 32 North Kirkham Street.
One - story and basement frame residence.
Owner—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 618 Mountain Blvd.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—H. L. Crocker Jr., 30 Wilding Lane, Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 1762 Clemens Road.
Two-story frame and stucco residence (5 rooms).
Owner—A. D. Morlan.
Architect—Not Given.
Contractor—E. O. Morlan, 1768 Clemens Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 7820 Outlook Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—A. F. Holloway, 7821 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—K. A. Johanson, 2832 76th Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal. No. 434-36 McAuley Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—M. Rossi, 438 McAuley St., Oakland.
Architect—Not Given.
Contractor—John Cisero, 474 42nd St., Oakland.

To Be Done By Day's Work.
SAN FRANCISCO. S Shawnee St. W Cayuga St.
Three one-story and basement frame and stucco residences.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Charles Strothoff, 2274 15th St., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 550 East 20th Street.
Two-story six-room residence.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Archtiect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. S Seminole 110 E Delano.
One - story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave.
Architect—Not Given

Sub-Contracts Awarded.
RESIDENCE Cost, $6,696
SALINAS, Monterey Co., Calif. 418 California Street.
One - story and basement frame and stucco residence (six rooms).
Owner—Dr. Lawrence C. and Stella B. Johnson, 129 Pine St., Salinas.
Architect—C. J. Ryland, P. O. Box 790, Monterey.
Contractor—A. B. McElheran, 147 California St., Salinas.
Roofing—Tyan Roofing Co., Salinas.
Plumbing, Heating—Andersen, Dougherty and Hargis Co., Salinas.
Electric Wiring—Rodeo Electric Co., Salinas.
Tile Work—Tynan Lumber Co., Salinas.
Concrete—W. A. Dontaville, Salinas.
Steel Sash—Salias Planing Mill, Salinas.
Reinforcing Steel—Central Supply Co. Watsonville.
Mantel—Salinas Planing Mill, Salinas.
Hardwood Floors—R. C. Douglas, Salinas.
Iron Grille Work—Monterey Art W'ks, Monterey.
Lumber—Tynan Lumber Co., Salinas.
Hardware—Anderson, Dougherty and Hargis, Salinas.
Painting—Henry Kaluzols, Salinas.
Lathing and Plastering—L. C. Jorgensen, Salinas.
Finish Materials—Salinas Planing Mill Salinas.
Brick and Stone Work—Chas. Hoosler Salinas.

Plans Completed.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Pacheco near 10th Avenue.
Two 1-story and basement frame and stucco residences (5 and 6 rooms) tile roofs, gas heating system hardwood floors, tile baths, etc.
Owner and Builders—Lang Realty Co 39 Sutter Street.
Architect — C. O. Clausen, 746 46th Avenue.

Sub-Bids Being Taken.
RESIDENCES Cost, $4,500 each
SAN FRANCISCO. Silver Avenue.
Six 1-story and basement frame and stucco residences (5 rooms each) tile and composition roofing, gas heating systems, hardwood floors tile baths, etc.
Owner—Heyman Bros., 742 Market St
Architect — C. O. Clausen, 746 46th Avenue.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN MATEO, San Mateo Co., Calif. 413 East Poplar Street.
Alterations to residence.
Owner—Chas. Fell, premises.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN MATEO, San Mateo Co., Calif. Lot 2 Block 267, Barnison Ave.
One-story frame and stucco residence
Owner and Builder—E. W. Daniels, 114 Hobart St., San Mateo
Architect—Not Given.

Plans Being Prepared.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
One - story and basement frame and stucco residence (five rooms)
Owner—Withheld.
Architect—J. K. Ballantine, 37 Harlan Place, San Francisco.

Contract Awarded
RESIDENCE Cost, $6,500
WALNUT CREEK, Contra Costa Co.
One-story California - Colonial type residence.
Owner—J. R. Larrieu.
Architect—J. K. Ballantine, 37 Harlan Place, San Francisco.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.

Bids Rejected—Plans Being Revised.
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double garage, shingle roof, gas heating system, steel sash, hardwoor floors, tile baths.
Owner—Albert S. Adock.
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.
New bids will be asked at a later date. On bid opening the lowest bid was submitted by Norman Anderson. Richmond, at $8,297.

Contract To Be Awarded.
RESIDENCE Cost, $4,300
RODEO, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (six rooms) tile and flat roof, hardwood floors, wood sash, etc.
Owner—Mr. and Mrs. Henrique.
Architect—Jas. Narbett, 466 31st St., Richmond.
Contractor—Robert Johnson, 560 36th St., Richmond.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $18,065
SACRAMENTO, Sacramento Co., Cal Forty-sixth and J Streets
Two - story and basement frame and concrete residence (10 rooms and 4 baths) Tudor style, stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash
Owner—Very Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor—Moore and Roberts, 693 Mission St., San Francisco.
Excavation—Carl Mankel, 2924½ 35th St., Sacramento.
Concrete—Carl Fiedler, 2631 Thirtieth St., Sacramento.

Preparing Plans.
COTTAGE Cost, $5000
SANTA ROSA, Sonoma Co., Cal.
Six-room cottage, wood frame, shingle roof, hardwoor floors, gas heating system, etc.
Owner—Mrs. John Maroni.
Architect—J. I. Easterly, 310 Exchange Bank Bldg., Santa Rosa.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 2601 Fifty- seventh Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—Weldon W. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given.

To Be DoneByDay'sWork.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 2975 Harrison Street.
Alterations to residence.

Owner — H. Etcrovich, 130 Wayland St., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO, S Belmont St. 75 W Willard Street.
Alterations to frame residence.
Owner—Sidney N. Le Fiell, 27 Belmont St., San Francisco.
Architect—Not Given.
Contractor—H. E. Rahlmann, 251 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO, W Twenty-eighth Ave. 50 N Kirkham St.
One-story and basement frame and stucco residence.
Owner—B. Heglin, 1245 24th Ave., San Francisco.
Architect—Not Given.
Contractor—Philip Heglin, 1245 24th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cont. Price, $4152
WATSONVILLE, Santa Cruz Co., Cal.
One-story frame and stucco residence (5 rooms) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Louis Gross.
Architect—A. W. Story, Pajaro Valley Bank Bldg., Watsonville.
Contractor—T. H. Rosewall, 422 Third St., Watsonville.

Contract Awarded.
RESIDENCE Cost, $——
SAN FRANCISCO, St. Germaine Ave.
Two-story frame and stucco residence (6 rooms) shake roof, gas heating system, hardwood floors, tile bath.
Owner—Sherman Gardner.
Architect—J. K. Branner, 210 Post St. San Francisco.
Contractor—Fred DuPuy, 110 Sutter St., San Francisco.
Construction will start in about two weeks.

To Ask Bids About Sept. 23.
RESIDENCE Cost, $6500
BAYWOOD PARK, San Mateo Co.
Two-story Monterey Colonial Type residence (5 rooms and 2 baths), shingle tile roof, frame and stucco construction, wood and brick exterior, oak floors, tile baths, wood sash, gas warm-air heating system, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded.
ALTER RESIDENCE Cost, $1500
STOCKTON, San Joaquin Co., Cal. No. 122 E Jackson Street.
Alterations to residence.
Owner—G. Venturine, 1315 S-Monroe St., Stockton.
Architect—Not Given.
Contractor—T. W. Williamson, P. O. Box 93, Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $4500
STOCKTON, San Joaquin Co., Calif. No. 1660 West Walnut Street.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—C. H. Dodd, 1206 Buena Vista St., Stockton.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
SACRAMENTO, Sacramento Co., Cal. No. 2777 Twelfth Street.
Two-story frame and stucco residence
Owner—Claire McMahon.
Architect—Not Given.
Contractor—T. H. Bell, Premises.

Plans Being Completed.
RESIDENCE Cost, $7000
BAYWOOD PARK, San Mateo Co.
Two-story American Colonial Type residence (6 rooms and 2 baths) wood and brick exterior, shingle tile roof, tile baths, wood Sash, gas warm-air heating system.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Bids will be asked about Sept. 23.

Contract Awarded.
RESIDENCE Cost, $5272
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
Two-story frame and stucco residence
Owner—Charles M. Cheeld, 1171 Fay St., Redwood City.
Architect—William C. F. Gillam, 1470 Broadway, Burlingame.
Contractor—Wallace Waterhouse, 1235 Shafter St., San Mateo.

Plans Being Revised.
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Calif
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Bids will be asked in about 10 days

Contract Awarded
ALTERATIONS Cost, $1,500
PIEDMONT, Alameda Co., Cal 1684 Grand Avenue.
Alterations to residence.
Owner—Arthur P. Denton, 1684 Grand Ave., Piedmont.
Architect—Wm. Ambrose, 244 Kearny St., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont.

Sub-Bids Being Taken.
RESIDENCE Cost. $3,500
SAN FRANCISCO. Mission Terrace.
One - story and basement frame and stucco residence (5 rooms) composition and tile roof, wood sash, hardwood floors, tile bath, etc.
Owner and Builder—L. Depaoli. 3289 Mission Street.
Plans by B. K. Dobkowitz, 425 Monterey Boulevard

Sub-Contracts Awarded
RESIDENCE Cost. $7,500
SAN FRANCISCO. Ashbury Terrace.
Two - story frame residence (Colonial style) 8 rooms, 2 baths: composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Contractor—F. K. DuPuy, 110 Sutter.
Concrete — Vannucci Bros., 374 Bayshore Blvd.
Lumber—Sudden Lumber Co., Evans and Quint Streets.
Plumbing—Scott Co., 243 Minna St
Mill Work—Pacific Mfg. Co. 454 Montgomery Street.
Electric—Frank Goodman, 1466 33rd Avenue.

Contract Awarded
ALTERATIONS Cost. $1,500
SAN FRANCISCO. 1226 Green Street.
Alterations to dwelling.
Owner—G. Cuneo. 1226 Green St.
Architect—Not Given.
Contractor—G. B. DeLucchi, 4 Sharp Place.

Sub-Contracts Awarded.
RESIDENCE Cost, $7,[illegible]
SAUSALITO, Marin Co., Calif
Two-story frame residence.
Owner—Georgia E. Robins, Sausalito
Architect—Fred H. Meyer, 525 Market St., San Francisco.
Contractor—Melvin H. Klyce, 34 Eugene St., Mill Valley.
Plumbing—A. L. Nelson Co., San Rafael.
Electric Wiring—F W. Parkhurst, 6432 Pinehaven Road, Oakland.
Sheet Metal—Pacific Heating Co., San Rafael.
Heating and Furnace—A. L. Nelson Co., San Rafael.
Steel Sash — Truscon Steel Co., 604 Mission St., San Francisco.
Hardwood Flooring—Royal Floor Co., 600 7th St., San Francisco.

Contract Awarded.
ELEVATOR Cost, $2000
PIEDMONT, Alameda Co., Cal. No. 420 Mountain Avenue.
Install elevator in residence.
Owner—Annie M. Johnson, Prem.
Architect—Not Given.
Contractor—H. J. McKallor, 223 Coloma St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
ALAMEDA, Alameda Co., Cal. No. 2956 Gibbons Drive.
One-story and basement frame and stucco residence (6 rooms) shake roof, gas heating system, hardwood floors, etc.
Owner—Chris. Hansen, 1500 Santa Clara Ave., Alameda.
Architect—Not Given.

September 17, 1935

Contract Awarded
RESIDENCES Cost, $7,950
SAN FRANCISCO. S Vallejo 146, 179 and 216 E Kearny Street.
Three one-story and basement frame dwellings.
Owner—Katherine Clark, 451 Vallejo
Architect—Not Given.
Contractor—Michael & Bomerer, 762 De Haro Street.

To Be Done By Day's Work.
RESIDENCES Cost, $8,000
SAN FRANCISCO. Quintera, 93 West 21st Ave. and 93 E 22nd Ave.
Two one-story and basement frame dwellings.
Owner and Builder—Herman Christensen, 1422 24th Avenue.
Architect—Not Given.

15— SCHOOLS

Planned.
ADDITIONS Cost, $——
BAKERSFIELD, Kern Co., Calif.
Additions to high school plant (add music department, add second story on agricultural building for 5 classrooms, girls' dressing room in basement, new shops, etc.)
Owner—Bakersfield Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

LOW BIDDERS
LONG BEACH, Cal.—Myers Bros., 3407 San Fernardo Road, Los Angeles submitted low bid to the Long Beach board of education at $69,880 for the construction of the Edison elementary school. Low bidders on other work were: E. Willardson, 2407 Tesla Terrace, Los Angeles, heating, $3453; T. E. Willardson, 256 Alamitos Avenue, Long Beach, plumbing, $6176; H. L. Douglas, 3635 Gundry Avenue, Long Beach, electric wiring, $5092. Earle R. Bobbe, architect, Heartwell Bldg., Long Beach

LOW BIDDER

LONG BEACH, Cal.—Trewhitt-Shields Co., Security-First National Bank Bldg., Fresno, submitted low bid to Long Beach board of education at $22,179 (using salvaged materials), for the construction of the library and men's physical education building and field work for both buildings at the Long Beach junior college. Low bidders on other contracts were: Hickman Bros., 910 E. Anaheim St., Long Beach, plumbing, $4904; B. Hartman, 168 E. Sunset, Long Beach, electric wiring, $2898. Kirtland Cutter, Farmers & Merchants Bank Bldg. architect, and J. H. Davies and C. D. Waites, Jr., Ocean Center Building Long Beach, structural engineer.

BOND ELECTION

GRASS VALLEY, Nevada Co., Cal.—Grass Valley Junior High School District will vote on October 4 on a proposal to issue bonds in the amount of $75,000, proceeds to finance construction of a one-story reinforced concrete school building in Grass Valley.

Preliminary plans prepared by Architect Fred Reimers, 233 Post Street, San Francisco.

Preparing Preliminary Plans.

GYMNASIUM Cost, $18,000
OAKDALE, Stanislaus Co., Cal.
One-story reinforced concrete gymnasium (80x100 feet).
Owner—Oakdale School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.

CONTRACT AWARDED

SAN PEDRO, Los Angeles Co., Cal.—Easton & Nesser, 4822 W. Jefferson St., awarded contract by Los Angeles board of education at $360,640 (using alternate bids) (5) for including disintegrated granite walks and redwood curbs; (6) feeders, switches, etc., for certain electric cooking appliances in home economics building; (7) linoleum for an administration building, home economics building and industrial arts building to be built at the San Pedro high school, located at 1010 15th St., San Pedro district. G. B. Kaufmann, 610 Union Bank Bldg., Los Angeles, architect.

BIDS WANTED

LONG BEACH, Cal.—Until Sept. 20 4 P. M., bids will be received by the Long Beach board of education for construction of the John C. Fremont school, located at the corner of Termino Ave. and 4th St. Miller & Gibbs 800 Kress Bldg., Long Beach, architects. Cost, $100,000

Contract Awarded

LIBRARY Contract Price, $4,258
SAN FRANCISCO. Utah and 25th Sts.
Two - story frame library at Starr King School (two rooms) work involves excavation, misc. and orn. iron, sheet metal, roofing, carpentry, glass and glazing, metal lathing and plastering, plumbing, finish hardware and electrical work, and painting.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Contractor—F. C. Amoroso & Sons, Wallace and Keith Streets.

BIDS OPENED

TUCSON, Ariz.—M. M. Sundt Construction Co., 629 N. Olsen Avenue, Tucson, submitted the low bid to the University of Arizona Sept. 16 at $230,000 for construction of a women's building and administration building on the college campus in Tucson, a PWA project. Mr. Sundt bid $139,980 for the women's building separately and $95,950 for the administration building. Plans prepared by Architect Roy Place, Tucson. The administration building will be a two-story and basement structure, 90x60 feet. The women's building will be two stories, 224x116 feet, and will contain a recreation hall, 112x110 ft., kitchen gymnasium, locker rooms, and showers and a fully equipped swimming pool with overhead and under-water flood lights. Both buildings will be of brick and steel construction with steel roof trusses, tile roofing, brick facing, etc. An air conditioning system is specified for the administration building. Other bids were: Del Webb, women's building, $143,500; administration building, $96,500; both buildings, $236,000. M. L. Topley, women's building, $151,000; administration building, $98,350; both buildings, no bid.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 2nd, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251, City Hall, for alterations to Rm. 405, Galileo High School, consisting of altering fume cabinets, chemistry tables, etc. Est. cost, $2,000.

Specifications obtainable from City Architect Chas. H. Sawyer, Room 267, City Hall.

Contract Awarded

RECONSTRUCT SCHOOL
Contract Price, $127,906
BERKELEY. Alameda Co., Cal. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—W. C. Ambrose, care Berkeley Board of Education.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Contractor—Dinwiddie Const. Co. Inc. 1101 Crocker Bldg., San Francisco.
Complete bids published Aug. 28.

Bids Opened.

ALTERATIONS Cost, $3,000
BERKELEY, Alameda Co., Cal. 1200 University Avenue.
Alterations to Burbank School.
Owner—Berkeley School District.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Low Bidders—Lindgren and Swinerton 1723 Webster St., Oakland, at $3,188 submitted the only bid received.

Plans Being Completed.

SCHOOL Cost, $181,102
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Structural Engineer—Walter Huber, Crocker First Nat'l. Bank Bldg., San Francisco.
Electrical Engineers—Leland & Haley, 58 Sutter St., San Francisco.

BIDS WANTED

HUGHSON, Stanislaus Co., Calif. Until Sept. 30, 8 P. M., bids will be received by I. M. Phillips, Clerk of the Hughson Elementary School District, for erection of boiler room addition at grammar school in Hughson.

Plans and specifications may be obtained from Architect George Sellon, California State Life Bldg., Sacramento, upon deposit of $25.00.

CONTRACT AWARDED

SALINAS, Monterey Co., Cal.—Albert Staton, 234 Congress Avenue, Pacific Grove, at $3650 awarded contract by the Salinas High School District for adding one classroom to present building. Chas. Butner, 51 Maple St., Salinas, architect.

F. C. Carlsen, Salinas, low bidder, was allowed to withdraw his bid.

CONTRACT AWARDED

SALINAS, Monterey Co., Cal.—Albert Staton, 234 Congress Avenue, Pacific Grove, at $2348 awarded contract by the Salinas High School Dist. for changes at the high school. Chas. Butner, 51 Maple St., Salinas, Architect.

BIDS WANTED—TO CLOSE SEPT. 27th.

LONG BEACH, Cal.—Until Sept. 27 4 P. M., bids will be received by the Long Beach board of education for the construction of a 2-story science building and a one-story shop building at the George Washington high school site. Plans and specifications may be obtained from the business manager of the board at 25th Street and Chestnut Ave., Long Beach, upon deposit of $25. Plans prepared by Architect W. H. Austin, 532 Chestnut Ave., Long Beach. The buildings will be of reinforced concrete construction, composition roofing, steel roof trusses on the shop, concrete, maple and wood block floors, skylights wood and steel sash, toilets, etc.

CONTRACT AWARDED

LONG BEACH, Cal.—Myers Bros., 3407 San Fernando Road, Los Angeles at $69,880 awarded general contract by the Long Beach board of education for construction of the Thos. Edison elementary school.

CONTRACT AWARDED

LONG BEACH, Calif. — Trewhitt-Shields & Fisher, Security-First National Bank Bldg., Fresno, at $22,179 (using salvaged materials) awarded contract by Long Beach board of education Sept. 17 for construction of the library and men's physical education building and field work for both buildings at the Long Beach junior college

16— BANKS, STORES AND OFFICES

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO. SE Market and Fourth Streets.
Alterations to bar and cafe
Owner—Tavern Bon Gout, premises
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Sub-Bids Being Taken.

ALTERATIONS Cost, $7,000
SAN FRANCISCO. 134 Maiden Lane.
Alterations to building (Girard's Restaurant).
Owner—Mrs. McRacken and Mrs. O'Neil.
Architect—Robert Stanton, Carmel.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Sub-bids are being taken on plumbing, electrical work, plastering, ventilating, glazing, masonry (Monterey stone) and flooring.

Plans Being Figured—To Close Sept. 23rd, 6 P. M.

RESIDENCE Cost, $——
PIEDMONT, Alameda County, Calif. Woodland Way.
Residence (8 rooms, 3 baths) tile roof, rubber tile floor, wood sash, gas heat, reinforced concrete garage.
Owner—Marion Buckley.
Architect—Ed. M. Sharpe, 525 Market St., San Francisco.

Bids will be taken from a selected list of contractors.

Sub-Contracts Awarded.
STORE & RESIDENCE Cost, $6,000
SAN FRANCISCO, SE Mission St. 225 SW Persia Street.
Two-story frame store and residence.
Owner—Donato Bellano, 165 Richland Avenue.
Plans by C. S. McNally, 357-R Richland Avenue.
Contractor—C. Lindberg, 1 Naylor St.
Plumbing—G. Y. Morton, 2494 Ulloa.
Electric—Klinger Elec. Co., 1130 Munich Street.
Tile Work—Art Tile & Mantel Co., 221 Oak Street.
Concrete—Carl Frank Co., 305 Bocana.
Lumber—Smith Lumber Co., Fourth and Channel Streets.
Finish Material—Acme Mfg. Co., 345 Bayshore Blvd.
Foundation—Carl Frank Co., 305 Bocana Street.

Plans Being Figured.
STORE & OFFICES Cost, $6000
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg. (54x50 ft.) composition roofing, Oregon pine floors, steel sash.
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 26th St., Sacramento.

Roof Truss Contract Awarded.
OFFICES Cost, $7340
SAN FRANCISCO. W Schwerin 300 S Sunnydale Avenue.
One-story frame office building (80x 120 ft.) (shipping building, etc.)
Owner—Geneva and Sunnydale Nursery, 798 Geneva Ave., S. F.
Architect—Not Given.
Contractor—A. Rolandelli, 317 Green St., San Francisco.
Trusses — American Roof Truss Co., 132 Bancroft Road, Burlingame.

CONTRACT AWARDED
LONG BEACH, Cal.—J. H. Pelkey, 2175 Locust Ave., Long Beach, awarded contract for repairing a 10-story office building at 100 W. Ocean Ave., Long Beach, for the Ocean Center Bldg. Co. J. H. Davies, Ocean Center Bldg., structural engineer.

Contract Awarded
ALTERATIONS Cost, $6,000
OAKLAND, Alameda Co., Calif. 1429 Broadway.
Alterations to offices.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—George Swanstrom, 1615 78th Ave., Oakland.

Sub-Contracts Awarded.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. 115 Valencia St.
Alterations to brick Salvation Army Quarters (change partitions, new plumbing and ventilating system, painting, plastering, etc.)
Owner—Salvation Army, Premises.
Architect—D. D. Stone, 110 Sutter St.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Lathing and Plastering—Peter Bradley, 639 Brannan Street.
Roofing — J. W. Bender Roofing and Paving Co., 18th and Bryant Sts.
Miscellaneous Iron—Industrial Ornamental Iron, Bronze & Wire W'ks, 552 Noe Street.

Contract Awarded
ALTERATIONS Cost, $1,400
PALO ALTO, Santa Clara Co., Calif 324 University Avenue.
Alterations to store.
Owner—Wm. Cranston, Inc., 324 University Ave., Palo Alto.
Architect—Not Given.
Contractor—Alfred Johnson, 275 Santa Rita, Palo Alto.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO, 833 Market Street.
Alterations to first, second and basement floors of building for store (terra rotta or marble front, electrical work, bronze work, painting, decorating, etc.)
Owner — California Academy of Sciences.
Lessee—Lerner Shops (Samuel Lerner in charge).
Architect—D. D. Stone, 110 Sutter St.
Electric Wiring—Severin Electric Co., 172 Clara Street.
Electric Fixtures—Peerless Elec. W'ks 1899 Mission Street.
Tile Work—Gladding, McBean & Co., 660 Market Street.
Wood Sash — Anderson Planing Mill, Quint and Quesada Streets.
Structural Steel—Western Iron W'ks, 141 Beale Street.
Lumber—Christenson Lbr. Co., Fifth and Hooper Streets.
Hardware—Palace Hardware Co., 581 Market Street.
Lathing and Plastering—Jas. F. Smith 271 Minna Street.
Finish Material—L. and E. Emanuel, Inc., 2665 Jones Street.
Ornamental Iron — Industrial Ornamental Bronze, Iron Wire W'ks, 552 Noe Street.
As previously reported, show windows and entrance work awarded to L. & E. Emanuel, Inc.

Sub-Contracts Awarded.
STORE Cost, $7,000
PACIFIC GROVE, Monterey Co., Cal. 561 Lighthouse Avenue.
Two-story concrete store building.
Owner—Fred Cope, Pacific Grove.
Architect—Robert Stanton, Carmel.
Contractor—Harold Geyer, 946 Hellam St., Monterey.
Roofing—C. L. Frost, 165 Webster St., Monterey.
Plumbing—By Owner.
Electric Wiring — McConnell Electric Works, 482 Alvarado, Monterey.
Heating, Sheet Metal and Concrete—By Owner.
Wood Sash—Tynan Lbr. Co., Franklin and Cortez, Monterey.
Steel Sash—Bates Carpenter Co., 604 Mission St., San Francisco.
Reinforcing Steel—Concrete Engr. Co. 1280 Indiana St., San Francisco.
Glass—Thos. H. French, 131 Lighthouse, Monterey.
Iron Grille Work—Central Supply Co., Asilomar Blvd., Pacific Grove.
Lumber—Tynan Lumber Company.
Hardware—By Owner.
Painting — Joe Weber, 303 Junipero, Pacific Grove.
Lathing and Plastering—George Turner, 409 Grand Ave., Pacific Grove
Finish Material—Tynan Lumber Co
Grading, Foundation, Miscellaneous Items—By Owner.
Linoleum—Rudolph's Furniture Store, 801 Lighthouse Ave., Monterey.

17— THEATRES

Contract Awarded.
ALTERATIONS Cost, $——
LOS GATOS, Santa Clara Co., Cal.
Alterations to Premier Theatre (heating and ventilating system).
Owner—Withheld.
Engineer—A. R. McLaren, 611 Howard St., San Francisco.
Contractor—Hays & Co., 465 Bryant St., San Francisco.

To Ask Bids Sept. 17.
ALTERATIONS Cost, $——
NAPA, Napa Co., Cal. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—E. W. Kellberg, 320 Market St., San Francisco.

Bid Opening Postponed Until September 23, 2 P. M.
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO, 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling of foyers, vestibule, mezzanine floor, complete re-decorating, plumbing, ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co., (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market
Bids being taken from a selected list of contractors.

CONTRACT AWARDED
FRESNO, Fresno Co., Calif —J. T. Cowan, 316 Brix Bldg., Fresno, has been awarded contract for remodeling the former Majestic theater building at 1139 Fulton St., Fresno, leased by Hardy's Fresno theater. It will seat 400 persons and will be equipped with steam heating and refrigerating systems. Structural changes to the building will cost $8000 and furnishings and equipment will cost $13,000

19—MISC. CONSTRUCTION

CONTRACT AWARDED
SACRAMENTO, Calif. — Hermann Safe Co., Howard and Main Sts., San Francisco, at $950 awarded contract by the Sacramento County Board of Supervisors for furnishing and installing one 7-in. thick emergency door complete, including cutting concrete, steel lining, burglar alarm lining, etc.; also connecting door to burglar alarm system, etc., for the county treasurer's office, Sacramento.

SUB-BIDS WANTED
SAN PABLO, Contra Costa Co., Cal. —Moore & Roberts, 693 Mission St., San Francisco, desire sub-bids on the mausoleum for the Roman Catholic Archbishop at San Pablo. Bids open Sept. 24, 10 A. M. H. A. Minton, 525 Market St., San Francisco, architect.

BIDS OPENED
SAN FRANCISCO.—Cyclops Iron Works, 837 Folsom Street, at $4,203 submitted low bid to the Department of Public Works, City Hall, for brine tank and cold storage room at the Hall of Justice on Kearny Street.
California Steel Products Co., San Francisco, at $4,486 plus $75.18 sales tax, submitted the only other bid.

September 17, 1935

Planned.
PROCESSING PLANT Cost, $100,000
WINTERS, Yolo Co., Cal.
New processing plant and auxiliary building (replace structure recently destroyed by fire).
Owner—Winters Dried Fruit Co. (K. L. Niemann, Mgr.), Winters.
Architect—Not Given.

CONTRACT AWARDED
CALIFORNIA-NEVADA.—Newberry Electric Corp., 315 W. 9th St., Los Angeles, at $73,960 awarded contract by the Metropolitan Water District Sept 13 for constructing 140 miles of telephone trunk line and conversion of 8 miles of existing spur line to trunk line construction in Clark County, Nevada, and in San Bernardino and Riverside Counties, Calif.; Spec. No. 106. Items to be furnished by the district will increase the total cost to $101,979.

PLANS BEING FIGURED

WEST LOS ANGELES, Calif.—20th Century - Fox Studios, 10,260 Orton Ave., West Los Angeles, is receiving bids until Sept. 23 for a 2-story, 28-room dressing room building to be built at 10,260 Orton Ave., West Los Angeles. Douglas Honnold, architect; G. V. Russell, associated, 1918 Grace Ave., Los Angeles.

Plans Being Figured — Bids Close Sept. 24, 10 A. M.

MAUSOLEUM Cost, $110,000
SAN PABLO, Contra Costa Co., Calif.
Reinforced concrete mausoleum (638 crypts) marble and bronze interior etc.
Owner — Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Sub-Contracts Awarded.

ADMIN. BLDG. & TOLL PLAZA Contract Price, $360,857
OAKLAND, Alameda Co., Calif. On approach to San Francisco - Oakland Bay Bridge
Administration building (2-story and basement, 75x75 ft.) one-story garage (70x90 ft.) nine toll booths and canopy; 2000 sq. yds. cement and asphalt concrete paving in toll plaze; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.
Owner—State of California.
Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco.
Consulting Architects—Timothy Pflueger, 580 Market St., San Francisco, Arthur Brown Jr., 251 Kearny St., San Francisco, and John J. Donovan, 950 Parker St., Berkeley.
Contractor — Clinton Constr. Co., 923 Folsom St., San Francisco.
Structural Steel — Pacific Coast Steel Co., 20th and Illinois Sts., San Francisco.
Plumbing and Heating—F. W. Snook, 596 Clay St., San Francisco.
Electric—Alta Electric Co., 467 O'Farrell St., San Francisco.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., San Francisco.
Roofing — J. W. Bender Roofing Co., 18th and Bryant Sts., San Francisco.
Miscellaneous Iron—Star Ornamental Works, 1271 Folsom St., S. F.
Ornamental Metal Work — Kawneer Mfg. Co., 8th and Dwight Way, Berkeley.
Painting—D. Zelinsky, 165 Grove St., San Francisco.

PLANNED

PASADENA, Calif.—The WPA has approved an application made by the City of Pasadena for improvements to the Rose Bowl at Pasadena. The work will consist of a fill in the depression at the south end of the stadium, constructing stone terraces, new crash-proof fence, comfort stations, ticket and concession booths and installing more than 50 turnstiles. Myron Hunt and H. C. Chambers, 408 S. Spring St., Los Angeles, architects. Cost, $225,000.

CONTRACT AWARDED

SAN FRANCISCO.—A. Nelson, 242 Ocean Ave., at $1,113.60 awarded contract by Department of Public W'ks for constructing concrete stairway on south side of 22nd St. between Arkansas and Wisconsin.

Steel Rolling Door Contract Awarded.

FREIGHT DEPOT Cost, $40,000
OAKLAND, Alameda Co., Calif. 40th Street and San Pablo Avenue.
Steel and reinforced concrete freight depot (450 ft. in length).
Owner—Santa Fe Railway Company, Kerchkoff Bldg., Los Angeles.
Plans by Engineering Dept. of Owner.
Contractor—Wm. P. Neill Co., 5001 W San Fernando, Los Angeles.
Steel Rolling Doors — O. P. Shelley, Call Bldg., San Francisco (forty doors).

To Be Done By Day's Work.

BARN Cost, $2,500
ORINDA, Contra Costa Co., Calif
Wood frame horse barn.
Owner—Withheld.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland

Plans Being Prepared.

MORTUARY Cost, $25,000
SAN ANSELMO, Marin Co. Cal. Red Hill Avenue
1½-story frame and stucco mortuary.
Owner—Jenness & McElroy, San Anselmo.
Plans by owners.
Construction will start in about 30 days.

20—MISC. SUPPLIES AND MATERIALS

CONTRACTS AWARDED

OREANA, Nev. — Contracts awarded by District Quartermaster, Sacramento District CCC, for furnishing building materials for Camp Pershing, Oreana, Nev.:
I. H. Kent Co., Fallon, Nev.—Lumber, $364.94; hardware, $45.45; sewer pipe, $160.40; water tank, $138.78.
Auburn Lumber Co., Auburn, Calif.—Plumbing, $1591.52.
Crane Co., Sacramento, Cal.—Asbestos board, $17.56.
Hobart Estate, Lovelock, Nev.—Millwork, $44.23; roofing, $14.25; cement, $118.75.

BIDS OPENED

LOS ANGELES, Cal. — California Hardware Co., 500 East First St., submitted low bid to the U. S. Engineer Office, 751 S. Figueroa Street, Los Angeles, Sept. 9, at $190,310.83, for furnishing miscellaneous round reinforcing steel bars under Proposal No. ER-509-36-30. The bids were as follows:

California Hardware Co., items (1) to (32) inclusive, 1-in., ⅞-in. and ¾-in. round bars, $2.525 per cwt.; items (33) to (38) inclusive, ½-in. round bars, $2.725 per cwt. Total weight 7,482,031 lbs. Deliveries as required. Discount, ½ of 1% 10 days on value of steel only which is $184,699.30.

The other bids were all identical at $194,051.89 total, with unit bids of $2.575 per cwt. on items (1) to (32) inclusive and $2.755 per cwt. on items (33) to (38) inclusive and discount of ½ of 1% 20 days allowed on basing point value of $2.45 per cwt. on itmes (1) to (32) and $2.65 per cwt. on items (33) to (38). The bids were submitted by the following:

Trojan Steel Co., Consolidated Steel Corp., Ltd., Truscon Steel Co., Soule Steel Co., Graham Bros., Inc., Blue Diamond Corp., Ltd., Security Materials Corp., Ducommun Corp., Concrete Engineering Co., Inc., Los Angeles Iron & Steel Co. and J. W. Black Co., Ltd.

CONTRACTS AWARDED

SAN FRANCISCO.—Pioneer Rubber Mills, 353 Sacramento St., and American Rubber Mfg. Co., 7 Front St., at $2,320 each(for 2,000 ft.) awarded contracts by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1426, for furnishing 4,000 ft. 1½-inch cotton, rubber-lined fire hose for the Fire Department.

CONTRACT AWARDED

LOS ANGELES, Cal.—Reilly Tar & Chemical Corp., Indianapolis, Indiana was awarded the contract by Metropolitan Water District Sept. 13 at $40,860.10 for furnishing 230,000 gals. of coal tar pitch cutback, Spec. No. 123. Freight amounts to $20,542.72.

CONTRACT AWARDED

LOS ANGELES, Calif. — Blue Diamond Corp., Ltd., was awarded the contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, at $87,826.70 (including $2426.70 sales tax) for furnishing reinforcement steel, delivered to various points along the Colorado aqueduct, covering Schedules 2, 4, 5, 8, 9, 10, 11, 12 and 13. Bid No. 44054. The bids were opened Sept. 4.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 20-inch I.D., 14-gauge, mild steel drainage pipe, under Proposal No. 509-36-20, were opened by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, Sept. 6.

The bids were taken as follows:

(1) 10,000 ft. pipe in lengths from 16- to 20-ft., 2-in. lap welded longitudinally inside and outside with ⅜x1½-in. steel band welded on outside of pipe 1-in. from one end and 13-in. from the other end, with the last 12 inches tapered, outside weld on taper to be ground flush to insure tight fit;

(2) 20 pieces, each piece 3 ft. long with suitable flange faced and drilled at each end for making bolted connections.

(3) 20 pieces, each piece 2-ft. long, ffanged, faced and drilled at one end the other end full 20-in. size, with ⅜x1½-in. band 1 in. from end;

(4) 20 pieces, each piece 2-ft. long, ffanged, faced and drilled at one end and tapered on other end.

The bids were:

American Pipe & Steel Corp.: (1) $7263; (2) $196.40; (3) $119; (4) $126.60 total, $7705.

Consolidated Steel Corp., Ltd.: (1) $9526; (2) $484.40; (3) $289.40; (4) $320.

Western Pipe & Steel Co. of Calif.: (1) $7100; (2) $280; (3) $170; (4) $175; total, $7725.

West Coast Pipe & Steel Co.: (1) $8900; (2) $290; (3) $185; (4) $265. Delivery: 3000 ft. within 8 days balance to be delivered 7 days later.

Southern Pipe & Casing Co.: (1) $7-970; (2) $312.40; (3) $194; (4) $210.80. Discount ½ of 1% 10 days.

BIDS OPENED

LOS ANGELES, Cal.—Identical bids at $39,100 on Schedule A and at $56,-492.40 on Schedule B, were submitted by the Blue Diamond Corp., Ltd., Truscon Steel Co.; Concrete Engineering Co., and Soule Steel Co. to the Metropolitan Water District, Los Angeles, under Spec. No. 128, for fabricating reinforcement steel bars.

CONTRACT AWARDED

LOS ANGELES, Cal.—Los Angeles Iron & Steel Co. was awarded contract by S. A. Joseph, Purchasing Agent, Metropolitan Water District, Los Angeles, at $14,800.24 (includnig $399.16 sales tax) for furnishing reinforcement steel delivered at various points along the Colorado aqueduct, covering Schedules 1, 3, 6 and 7. Bid No. 44054.

MACHINERY & MTAERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO—Until September 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1441, for hauling approximately 1715 tons of 6-in. and 286 tons of 8-in. cast iron pipe.

Specifications obtainable from the above office.

SAN FRANCISCO—Until September 23, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1443, for furnishing garage equipment for Central Shop No. 2.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Sept. 27, 3 P. M., bids will be received by the City of San Francisco, Purchaser of Supplies T. A. Brooks, Room 270, City Hall, for furnishing 24 steel filing cabinets and filing equipment; Invitation No. 1445.

Specifications and proposal form on application to above.

U. S. FOREST SERVICE

SAN FRANCISCO—Until September 23, 2 P. M., bids will be received by P. E. Brown, Procurement Engineer, Forest Service, Rm. 916, Phelan Bldg., San Francisco, under Contract No. 684 for furnishing one 300 ampere electric welding generator, complete with controls for mounting on a Government owned, gasoline engine - mounted trailer.

Delivery f.o.b. bidder's shipping point nearest Oakland and/or f.o.b. Oakland.

Specifications obtainable from the above office.

SAN FRANCISCO—Until Sept. 25, 2 P. M., bids will be received by U. S. Forest Service, P. E. Brown, Procurement Engineer, Room 918, Phelan Bldg., San Francisco, for furnishing 1 small air compressor for delivery at Quincy, Calif.; Contract No. 686.

Specifications and proposal form on application to above.

GOVERNMENT ISLAND, Cal.—Until Sept. 23, 2 P. M., bids will be received by U. S. Forest Service, Frank Haynie, Supply Officer, Government Island, for furnishing Paint, Stain and Turpentine; Bid No. 2892.

Specifications and proposal forms on application to above.

WAR DEPARTMENT

FORT MASON, Cal.—Until Sept. 25, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason under Bid No. 928-36-65, for furnishing 65 rolls of paper roofing; 400 lbs. common wire nails, 12 iron or mild steel bolts, 28 pieces of redwood lumber, and 470 pieces and 10,000 ft. b.m. Douglas fir lumber.

Specifications obtainable from above office. •

SACRAMENTO, Cal. — Until Sept. 25, 3 P. M., bids will be received by U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, for furnishing gasoline and lubricating oil to be delivered to Government cars at service stations in Northern California during October, November and December, 1935; Proposal No. 1105-36-46.

Specifications and proposal form on application to above.

GOVERNMENT ISLAND, Calif. — Until Sept. 23, 2 P. M., bids will be received by U. S. Forest Service, H. R. Marsh, Assistant Supply Officer, Government Island, for furnishing wrought steel pipe for delivery at Sonora, Calif., and Minden, Nev.; Bid No. 2894.

Specifications and proposal form on application to above. •

FORT MASON, Cal.—Until September 23, 10 A. M., bids will be received by Constructing Quartermaster, Ft. Mason, for furnishing cement, sand, crushed rock and gravel for delivery at Hamilton Field, Marin County; Bid No. W 6616-36-8. •

FORT MASON, Cal.—Until September 27, 10 A. M., bids will be received by Constructing Quartermaster, Ft. Mason, for furnishing augers, wire rope clips, files, nailheads, nails, blow torches, screws, wire rope, lamp cord, paint; Bid No. 928-36-68 for delivery at Engineers Warehouse, Presidio of San Francisco.

FORT MASON, Cal.—Until September 23, 10:30 A. M. bids will be received by Constructing Quartermaster, Ft. Mason, for 2,000 l.f. of 6- 8- 10- and 12-in. sewer pipe to be delivered at Hamilton Field, Marin County; Bid No. W 6616-36-9.

Specifications and proposal form on application to above. •

CALIFORNIA STATE

SAN FRANCISCO—Until Sept. 24, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC No. 5017, Auto, Pontiac 8-Cyl. four-door Sedan, 1934.

CHC No. 70, Mower, McCormick-Deering Big-6 Heavy-Duty.

CHC No. 212, Trailer, Shop-Made, 6½-ton, 4-wheel flat-rack, S. P. O. tires.

The above equipment may be inspected at the Division of Highways' yard at 1045 Derby Ave., Fruitvale, Oakland, Calif., on any working day between the hours of 8:30 A. M. and 4:30 P. M. •

EUREKA, Humboldt Co., Cal.—Until Sept. 23, bids will be received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of one ½-yd. power shovel equipped with dragline for 150 hours. Shovel must be ready for work near Hopland September 30.

Proposal form on application to the above. •

ALAMEDA COUNTY

OAKLAND, Cal.—Until October 1, 4 P. M., bids will be received by the Oakland Board of Education, John W. Edgemond, Secretary, Room 104, Administration Bldg., for furnishing items under Schedule No. 20, Machinery and Tools, including Sheet Metal Working Machinery, Iron Working Machinery, Woodworking Machinery and Electric Motors.

Specifications and proposal forms on application to Director of Purchasing, Room 115, Administration Building.

U. S. POST OFFICE DEPT.

ELKO, Nevada — Until September 27, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for insect screens for the U. S. Post Office at Elko, Nevada. Plans and specifications may be obtained from the custodian of the building or from the Treasury Department in Washington.

NEVADA STATE

CHURCHILL COUNTY, Nevada—Until October 12, 10 A. M., bids will be received by the Churchill County Commissioners, G. W. Likes, County Clerk, for furnishing:

(1) 1 Caterpillar diesel 50 tractor (RD-7 Model).

(2) 1 No. 66 Caterpillar grader, power controlled model with 12-ft. blade, and steerable tractor pole, equipped with draft cable 24-ft. x 1-in., scarifier attachment, 11 teeth, etc.

Bids will be received for either of the articles separately or for all in one bid.

Specifications obtainable from the above office.

MERCED COUNTY

GUSTINE, Merced Co., Cal.—Until September 30, 7 P. M., bids will be received by the Gustine City Council, W. L. Chappell, City Clerk, for furnishing 10-foot lift raw sewage pumps, motors and switches, as follows:

Preposal 1: One each 680, 1360 and 2720 gallons per minute units.

Preposal 2: One each 330, 660, 1320 and 2640 gallons per minute units.

Plans and specifications may be seen at the office of the City Clerk, Petersen Bldg., Gustine, or at the office of W. R. Sherman, engineer, Newman, Calif.

NATIONAL PARK SERVICE

SAN FRANCISCO.—Until Sept. 23, 2:30 P. M., bids will be received by National Park Service, 409 Underwood Bldg., San Francisco, for furnishing one pneumatic - tired industrial type tractor for Death Valley National Monument.

Specifications and proposal form on application to above. •

SAN FRANCISCO.—Until Sept. 23, 2:30 P. M., bids will be received by National Park Service, 409 Underwood Bldg., San Francisco, for furnishing one direct-drive centrifugal fire pump for mounting on truck. Pump is for Grand Canyon National Park and bids will be received fob Grand Canyon, Ariz., on government bill of lading.

Specifications and proposal form on application to above. •

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Levees.
23.—Irrigation Proj.
24.—El. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CANTRACT AWARDED

CLACKAMAS COUNTY, Oregon — Mountain States Constr. Co., Eugene, at $51,415.50 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5, for remodeling and widening the bridge over the Molalla River on the Pacific Highway near Canby and constructing concrete viaduct to replace wood trestle, Federal Aid Project 53.

Complete bids follow:

Mountain States Constr. Co., Eugene, $51,415.

Barham Brothers, Salem, $58,756.

C. J. Montag & Son, Portland, $60,-237.

Joplin & Eldon, Portland, $63,192.

Kuckenberg-Wittman, Portland, $63.-395.

BIDS WANTED

SONOMA COUNTY, Cal. — Until Sept. 30, 1.30 P. M., bids will be received by the Sonoma County Board of Supervisors, Court House, Santa Rosa, for the construction of four bridges.

The University Street bridge across Santa Rosa Creek will be 118 ft. long on structural steel girder beams and will be 24 ft. wide, surfaced with asphaltic macadam.

A concrete box culvert and headwalls will be constructed across the Bodega Highway near Watson Station; a new bridge across Sonoma Creek at Boyes Springs, and a bridge across Mark West Creek at Trenton Station.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Fred J. Maurer & Son, Inc., 3031 E Street, Eureka, at $6,380 submitted low bid and awarded contract by the Humboldt County Board of Supervisors, Sept. 11 for constructing a new bridge across Dobbyn Creek between Blocksburg and Alderpoint in Road District No. 2.

Henry Padgett, Fields Landing, at $6,390 submitted second low bid

Frank Bryant, San Francisco, at $7,900 was third low bidder.

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—A. A. Anderson, at $3,387 awarded contract by the Humboldt County Board of Supervisors, Sept. 11 for constructing a pile trestle bridge over Hufford's Slough near Orick, and a truss bridge across Prairie Creek at Davison's.

Henry Padgett, Fields Landing, at $4,484 submitted the only other bid.

BIDS REJECTED

HUMBOLDT COUNTY, Cal.—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka, at $5,400 submitted the only bid, which was rejected by the Humboldt County Board of Supervisors, Sept. 11 for constructing a culvert and fill on Morgan Slough near Ferndale, in Road District No. 1.

The Board has ordered County Surveyor Frank Kelly to prepare new plans.

CONTRACT AWARDED

KLAMATH COUNTY, Oregon — C. J. Montag, Couch Bldg., Portland, at $160,735 submitted low bid, as previously reported, and awarded contract by the Oregon State Highway Commission, Portland, September 5, for the construction of a 92-ft. steel deck girder span on concrete piers and 1115 lin. ft. of concrete viaduct approach over Klamath River and Great Northern Railroad about 3 miles south of Klamath Falls on the Klamath Falls-Weed Highway, Federal Aid Project No. 205-C.

The work involves:

(1) 1660 cu. yds. excavation;
(2) 100 cu. yds. excavation below elevation shown;
(3) 9000 lin. ft. foundation piling;
(4) 2600 cu. yds. Class A concrete;
(5) 1030 cu. yds. Class D concrete;
(6) 640,000 lbs. metal reinforcement;
(7) 147,000 lbs. structural steel;
(8) 2420 lin. ft. concrete handrail;

Total bids follow:

(A) C. J. Montag & Son, Portland, $160,735.
(B) Hoffman Constr. Co., Portland, $164,205.
(C) Kuckenberg-Wittman Co., Portland, $182,445.
(D) Warren Northwest, Inc., Portland, $186,990.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$16.00	$12.00	$20.00	$15.00
(2)	16.00	10.00	20.00	3.00
(3)	.50	.50	.60	.70
(4)	23.00	25.00	27.45	28.00
(5)	22.00	25.00	22.50	31.00
(6)	.045	.045	.045	.05
(7)	.065	.065	.06	.07
(8)	3.00	4.00	4.00	3.50

LOW BIDDERS

LOS ANGELES COUNTY, Calif.—Oscar Oberg, 150 N. Vista St., Los Angeles, at $14,942.60 submited the low bid to the State Highway Engineer, Los Angeles, for reconstructing a portion of a timber bridge across the Los Angeles River at Olive St. near Compton, consisting of eight 38 ft. truss spans and approximately 90 ft. of trestle.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

D. A. Loomis, Glendale, at $15,172.89 submitted second low bid, and E. G. Perham, Los Angeles, at $15,555.20, third.

BIDS WANTED

SONOMA COUNTY, Cal. — Until September 30, 12 o'clock, noon, (to be opened at 1:30) bids will be received by Walter H. Nagle, Clerk of the Sonoma County Board of Supervisors, Santa Rosa, for constructing a steel bridge over Santa Rosa Creek at University Avenue in Supervisorial Dist. No. 3.

The work involves:

(1) 34,532 ft. B. M., redwood lumber;
(2) 23,760 lbs. structural steel;
(3) 600 lin. ft. redwood piles;
(4) 11 cu. yds. Class A concrete;
(5) 800 lbs. reinforcing steel;
(6) 800 lbs. bolts, plates and dowels.

Specifications on file in the office of the Clerk of the Board and with County Engineer E. A. Peugh. •

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—John D. Carlson, 1331 Sierra Avenue, San Jose, at $4766.50 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for constructing a reinforced concrete bridge on Moffatt Blvd., over Stevens Creek in Supervisor District No. 5.

Complete bids follow:

J. D. Carlson, San Jose	$4766.50
Martin & Collins, San Jose	5205.00
W. O. Tyson, Redwood City	6323.00
John Carcano, San Rafael	6605.00
Engineer's estimate	6050.00

BIDS WANTED

SACRAMENTO COUNTY, Cal. — Until Sept. 30, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Building, Sacramento, for the construction of three trestles on the Wilder-Ferguson Road about 22 miles below Sacramento. Trestles will be of Redwood pile and concrete deck and will be 39-ft., 96-ft. and 419-ft. long.

Plans and specifications obtainable from County Engineer J. J. Rooney.

CONTEMPLATED

LIVINGSTON, Merced Co., Cal.—County Surveyor W. E. Bedesen has completed plans for a bridge across the Merced River on the proposed Ballico-Livingston Road, and presented them to the County Board of Supervisors for action.

BIDS WANTED

SONOMA COUNTY, Cal. — Until September 30, 12 o'clock, noon, (to be opened at 1:30 P. M.) bids will be received by Walter H. Nagle, Clerk of the Sonoma County Board of Supervisors, Santa Rosa, for constructing a timber bridge over Mark West creek at Trenton Station in Second and Third Supervisorial Districts.

The work involves:

(1) 25,853 ft. B. M. redwood lumber;
(2) 1150 lin. ft. redwoood piles;
(3) 500 lbs. bolts, plates, dowels and washers.

Specifications on file in the office of the Clerk of the Board and with County Engineer E. A. Peugh. •

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until October 9, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for constructing an undergrade crossing of Peralta Street, Adeline Street and San Pablo Avenue in the cities of Oakland and Emeryville, consisting of reinforced concrete rigid frame underpass structures and retaining wall approaches and paved street connections.

The work involves:

(1) 1 lot clearing site;
(2) 75,000 cu. yds. excav. without class;
(3) 13,000 cu. yds. Class B Portland cement concrete (structures);
(4) 370 cu. yds. Class B Portland cement concrete (railings);
(5) 1530 cu. yds. Class B Portland cement concrete (pavement);
(6) 210 cu. yds. Class B Portland cement concrete (curbs & gutters);
(7) 2000 bbls. extra Portland cement
(8) 2,200,000 lbs. bar reinf. steel;
(9) 650 lin. ft. 8-in. cast iron pipe;
(10) 685 lin. ft. 10-in. cast iron pipe;
(11) 44 lin. ft. 14-in. cast iron pipe;
(12) 60 lin. ft. 16-in. cast iron pipe;
(13) 14,000 lbs. special castings;
(14) 7000 tons selected base material;
(15) 475 tons crusher run base;
(16) 7000 tons asphalt concrete;
(17) 1 lot remove and replace sewers;
(18) 1 lot pumping equipment complete in place;
(19) 1 lot electric lighting system complete in place;
(20) 1 lot miscellaneous items of work

Plans and specifications may be obtained from State Highway Engineer, Public Works Bldg., Sacramento, and on file in the office of the District Engineers, San Francisco and Los Angeles.

BIDS WANTED

ELKO COUNTY, Nev.—Until Oct. 2 2 P. M., bids will be received by Nevada State Highway Director, R. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for constructing a concrete and steel overpass and approaches, one mile west of Wendover, Section B2 of Route 24, Elko County.

The work involves:

(1) 118 lin. ft. remove culvert pipe;
(2) 8 each remove culvert headwalls;
(3) 60 cu. yds. roadway excavation;
(4) 74,000 cu. yds. imported borrow;
(5) 740 cu. yds. structure excav.;
(6) .37 mi. subgrade;
(7) .39 mi. finish roadway;
(8) 22 tons asphaltic road material SC-2 (roadway fill);
(9) 10 tons asphaltic road material SC-2 (slopes);
(10) Lump sum railroad crossing;
(11) 364 cu. yds. Class A concrete;
(12) 236 cu. yds. Class D concrete;
(13) 89,000 lbs. reinforcing steel;
(14) 44,800 lbs. structural steel;
(15) 66 lin. ft. 24-in. CMP;
(16 16 each monuments;
(17) 2704 lin. ft. metal guard rail;
(18) .37 mi. salvage and relay road-mix surface;
(19) 1050 cu. yds. gravel base;
(20) Lump sum construct detour.

Plans and specifications may be obtained from above on deposit of $5, of which $2.50 is returnable; on file at office of the U. S. Bureau of Public Roads, 807 Sheldon Bldg., San Francisco.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Oscar Oberg, 150 N Vista Street, Los Angeles, at $14,942 awarded contract by State Division of Highways, Sacramento, for reconstructing a portion of a timber bridge across the Los Angeles river at Olive St., near Compton, consisting of eight 38-ft. truss spans and approximately 90 feet of trestle.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

ALCATRAZ ISLAND, Calif.—Until Sept. 24, 2 P. M., bids will be received by U. S. Bureau of Prisons, Rm. 214, Post Office Bldg., San Francisco, for placing rip-rap at Alcatraz Island; Bid No. 451. This bid call cancels and supersedes Invitation 428 opened September 3.

The work involves:

(1) Furnishing 300 pieces of stone or concrete rip-rap, each piece to be not less than 12 cu. ft. in content;
(2) Furnishing 300 tons of stone, not less than 12-in., and not more than 24-in. in largest dimension.

Specifications and proposal form on application to Warden, U. S. Penitentiary, Alcatraz Island.

CONTRACT AWARDED

SACRAMENTO, Cal.—Franks Contracting Co., 260 California St., San Francisco, at $28,470 awarded contract by the U. S. Engineer Office, Sacramento, for furnishing and operating clamshell dredging plant at hourly rates for use in Suisun Bay and the San Joaquin and Sacramento Rivers and tributary channels, under Proposal No. 1105-36-19.

CONTRACT AWARDED

WILSON COVE, San Clemente Island, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego, at $72,460, as previously reported, submitted low bid to the Public Works Officer, 11th Naval District, San Diego, Sept. 10 and awarded contract Sept. 13 for constructing a pier at 11th Naval District (Wilson Cove), San Clemente Island, under Spec. No. 8035. The work includes furnishing of all materials and labor for a pier consisting of an approach section approximately 20 ft. wide by 375 ft. long, and a landing section approximately 38 ft. wide by 210 ft. long. The pier will be constructed of steel piles, welded steel framing and bracing, and wooden deck structure, together with a wood faced steel pile fender system for the landing section. A 7½-ton stiff-leg derrick and hoist shall be furnished and installed as a part of the pier. The work will also include the installation of four breast moorings, the materials for which will be furnished by the government at the site ready for installation by the contractor.

The bids were taken on items as follows:

(1) work complete;
(2) uplift test:
(3) price per ft. addition for extra pile length;
(4) do deduction for less pile length.

The bids were:

M. H. Golden, San Diego, (1) $72,460; (2) $250; (3) $3.50; (4) $2.05.

George Hess, Los Angeles, (1) $74,370; (2) $100; (3) $7; (4) $3.50.

R. R. Bishop, Long Beach, (1) $75,673; (2) $100; (3) $2.50; (4) $1.50.

Rohl-Connolly Co., Los Angeles, (1) $77,990; (2) $300, (3) $3; (4) $1.50.

Merritt-Chapman & Scott, San Pedro, (1) $82,792; (2) $100; (3) $3; (4) $2.00.

V. R. Dennis Co., San Diego, (1) $98,400; (2) $250; (3) $10; (4) $1.85.

R. E. Campbell, Los Angeles, (1) $115,800; (2) $200; (3) $5.60; (4) $1.40

G. L. Skolfield, Wilmington, (1) $124,500; (2) $100; (3) $5; (4) $....

BIDS WANTED

WILLAMETTE RIVER, Oregon—Until September 20, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, Major Milo P. Fox, District Engineer, 306 Customhouse, Portland, under Bid No. 698-36-104, for constructing approximately 4290 lin. ft. of protective gravel fill, all along the Willamette River, between Eugene and Harrisburg.

The work involves.

(1) 3.5 acres bank clearing;
(2) 36.9 acres bar clearing;
(3) 575 cu. yds. grading;
(4)32,750 cu. yds. protective gravel fill

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

GOVERNMENT ISLAND, Calif. — Ben C. Gerwick, Inc., 112 Market St., at $249,117 awarded contract by U. S. Coast Guard for constructing 1975 l.f. cellular type sheet pile bulkhead composed of 53 cells and approximately 274 l.f. straight wall type steel sheet pile bulkhead at Coast Guard Base 11, Government Island.

BIDS OPENED

PORT TOWNSEND, Wash.—Puget Sound Bridge & Dredging Co., Seattle, at $31,400 submitted low bid to Treasury Department, Washington, D. C., for channel protection to boat basin at the U. S. Quarantine Station Port Townsend.

Complete bids follow:

Puget Sound Bridge & Dredging Co., Seattle	$31,400
General Const. Co., Seattle	31,900
Olympia Dredging Co., Seattle	34,190
Mason Const. & Engr. Co., Seattle	36,000

23—IRRIGATION PROJ.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho —H. J. Adler Co., Tacoma, Wash., at $14,293.50 awarded contract by the Bureau of Reclamation, Ontario, Ore., under Spec. No. 708-D, for construction of structures, North Canal, Laterals N. C. 26.4 to 28.7, Mitchell Butte Division, Owyhee Project.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—Austin-Western Road Machinery Co., 435 Brannan St., San Francisco, at $7204.85 submitted low bid to the Modesto City Council, September 11, for furnishing one motor pickup street sweeper, including electric lights, pneumatic tires, and en extra pickup broom core.

Elgin Sweeper Co. and Associated Equipment Co., 355 Fremont St., San Francisco, at $7216.69 submitted the only other bid.

Bids referred to the City Engineer for investigation of merits of each type of equipment.

CONTRACT AWARDED

BOULDER CANYON, Nevada — C. O. Two Fire Equipment Co., New York, at $25,301.92 awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 656-D, for furnishing fire extension equipment for the Boulder Project.

CONTRACT AWARDED

SAN FRANCISCO.—Associated Equipment Co., Ltd., 355 Fremont St at $7105 awarded contract by T. A. Brooks, Purchaser of Supplies, for furnishing one motorized street sweeper for the San Francisco Department of Public Works; Bid No. 1423.

BIDS OPENED

YOSEMITE NATIONAL PARK, Cal.—Bids received by National Park Service, San Francisco, for furnishing (1) horizontal engine-driven sewage pump or alternate; (1a) same as above but without self-primer:

Edward R. Bacon Co., San Francisco, (1) $650, (1a) no bid, f.o.b. El Portal; 5%-10.

Victor Equipment Co., San Francisco. (1) $840, (1a) $600, f.o.b. Los Angeles; net.

Westco Pump Sales Co., San Francisco, (1) no bid, (1a) $607, f.o.b San Francisco; net.

Western Pump Co., Ltd., San Jose. (1) $714, (1a) $614, f.o.b. San Jose; net.

Fairbanks, Morse & Co., San Francisco, (1) $738.05, (1a) $621.55, f.o.b. El Portal; net.

Worthington Co., San Francisco, (1) $794, (1a) $683, f.o.b. Harrison, New Jersey; net.

BIDS OPENED

BAKERSFIELD, Kern Co., Calif.—Bids received by the Bakersfield City Council for furnishing one 150-h.p. Diesel powered tractor for the Street Department follow:

Smith, Booth, Usher Co., Los Angeles, Cletrac Model 40, Diesel, $3600.

Cousins Tractor, Bakersfield, Caterpillar Model 50, Diesel, $5050.

Bids taken under advisement until September 23.

BIDS OPENED

HAMILTON FIELD, Marin Co., Cal—Following bids received by Captain Leander Larson, Constructing Quartermaster, Fort Mason, under Bid No W 6616-36-6, for the rental per day of one or more (not to exceed ten) trucks with dump bodies. The trucks are to be of 1½-, 2½- 3½ and 5-ton capacity, and are for operation at Hamilton Field.

Bids were taken for the trucks including drivers, fuel, lubricants, etc., and for the trucks without drivers, etc.

Complete bids follow:

H. Rosenberg: (1) $14; (2) $15.50; (3) $16.50; (4) $17.50; (5) no bid; (6) $10.50; (7) $10.50; (8) $10.50; (9) $10.50 (10) no bid.

Portola Truck Service: (1) $14.63; (2) $16.13; (3) $17.13; (4) $18.13; (5) no bid; (6) $10; (7) $10; (8) $10; (9) $10; (10) no bid.

L. Devincenzi: (1) no bid; (2) $16.50 (3) $16.50; (4) $21; (5) $22.50; (6 to 10) no bids.

A. Wallgren: (1) $12.29; (2) $16.19 (3 to 5) no bids; (6) $8.50; (7) $12.50; (8 to 10) no bids.

A. Giorgi: (1) no bid; (2) $13.50; (3) $13.50; (4) $15; (5) $16.875; (6) no bid; (7) $6; (8) $6; (9) $7.125; (10) $8.25.

John Kolsters: Item (5) only, $20.

D. A. Lewis: (1 to 3) no bids; (4) $19.25; (5) $19.25; (6 to 8) no bids; (9) $15.50; (10) $15.50.

A. L. Green: (1) $12; (2 to 5) no bids; (6) $6; (7 to 10) no bids.

L. Devincenzi: (1) no bid; (2) $16.50

S. M. Maestretti: Item (1) only $11.25.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, Room 740, 207 S. Broadway, Los Angeles, Aug. 30 for furnishing one only 150-ton traveling gantry crane under Spec. No. 1738:

(1) (a) crane to be erected by the department on a track furnished and installed by the department, fob cars or trucks bidder's shipping point.

(b) same as (a) fob department's receiving station "B", 9615 Central Avenue.

(c) crane to be erected by contractor on track furnished by the department for an additional price of.

(d) crane to be furnished with the last four gear pairs of the gantry bridge drive with spiral bevel gears and balance of crane to be completely equipped with herringbone gears for additional sum price of.

(1-alt.) (a) same as (1a) except motor control to be manually operated, A.C. drum type controls.

(b) same as (1b) except motor control to be manually operated A. C drum type control.

(c) same as (1c).

(d) same as (1d).

The bidders were:

(1) Whiting Corp.: shipping point, Harvey, Ill. Shipping wt., (1) 260,000 lbs.; (1-alt.) 258,000 lbs. Make, Tiger hoist.

(2) Shaw-Box Crane & Hoist Co., Inc., shipping point, Muskegon, Miss. Shipping wt., (1) 205,000 lbs.; (1-alt.) 204,000 lbs. Make, Shaw-Box.

(3) Judson Pacific Co., shipping pt., San Francisco. Shipping weight: (1) 260,000 lbs.; (1-alt.) 260,000 lbs. Make, Special Gantry.

(4) Harnischfeger Sales Corp.: shipping point, Milwaukee, Wis. Shipping wt., (1) 181,000 lbs.; (1-alt.) 180,000 lbs. Make, type H square shaft drive.

(5) Cleveland Crane & Engr. Co.: shipping point, Wickcliff, Ohio. Shipping weight (1) 234,000 lbs., (1-alt.) 234,000 lbs. Make, special.

(6) Morgan Engr. Co., shipping pt., Alliance, Ohio. Shipping wt., (1) 235,000 lbs.; (1-alt.) 234,000 lbs. Make, Morgan heavy duty.

All firms offered terms net.

The bids were:

(1) (1a) $36,586 (1b) 40,070; (1c) 3,200; (1d) $2,050; (1-alt.) (a) $35,190; (1-alt.) (b) $38,575; (1-alt.) (c) $3,200; (1-alt.) (d) $2,050.

(2) (1a) $33,022; (1b) $35,097; (1c) $1,250; (1d) $.; (1-alt.) (a) $31,054; (1-alt.) (b) $33,129; (1-alt.) (c) $1,250 (1-alt.) (d) $.....

(3) (1a) $30,039; (1b) $30,922; (1c) $3,124; (1d) $; (1-alt.) (a) $28,973; (1-alt.) (b) $29,856; (1-alt.) (c) $3,124; (1-alt.) (d) $.....

(4) (1a) $28,200; (1b) $30,435; (1c) $2,850; (1d) $375; (1-alt.) (a) $26,600; (1-alt.) (b) $28,835; (1-alt.) (c) $2,850; (1-alt.) (d) $375.

(5) (1a) $32,925; (1b) $37,235; (1c) and (1d) $; (1-alt.) (a) $31,790; (1-alt. (b) $36,100; (1-alt. (c) and (d) ....,

(6) (1a) $38,790; (1b) $43,190; (1c) $3,150; (1d) $900; (1-alt.) (a) $37,030; (1-alt.) (b) $41,430; (1-alt.) (c) $3,000; (1-alt.) (d) $900.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

WHATCOM CO., Wash.—Northwest Const. Co., 3950 Sixth N.W., Seattle, at $82,754.50 (metal pipe alternate) awarded contract by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for reconstruction grading 4.626 miles of Project 6-47, located within the Mt. Baker National Forest, Whatcom Co., Wash

CONTRACT AWARDED

LEWIS COUNTY, Wash. — Elliott Const. Co., 2155 North Lake Street, Seattle, at $189,026 awarded contract by U. S. Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for grading and constructing a tunnel on 1.216 miles of Project 4-CS of Mt. Rainier National Park, Stevens Canyon Highway, Lewis County, Washington.

BIDS WANTED

SIERRA COUNTY, Cal.—Until September 30, 10:30 A. M., bids will be received by State Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for furnishing and stockpiling 1,170 cu yds. of untreated crushed gravel or stone surfacing at Downieville, about 0.3 mile in length.

Specifications and proposal forms on application to the above.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch Co., Burrell Bldg., San Jose, at $4240 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors, San Jose, for the improvement of Tennant Avenue, involving construction of 77,500 sq. ft. of oil macadam surfacing.

Complete bids follow:

A. J. Raisch Co., San Jose	$4240
Irving L. Ryder, San Jose	4995
Albert Gurries, Gilroy	5435
Engineer's estimate	5400

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $24,384.25 awarded contract by the State Highway Commission, Sacramento, for about 2.4 miles placing plant-mix surfacing, medium curing type, constructing shoulders and applying road-mix surface treatment thereon, at various locations between 4 miles east of Bostonia and 2 miles east of Alpine, San Diego County.

BIDS WANTED

SNOHOMISH COUNTY, Wash.—Until September 18, 10 A. M., bids will be received by the Bureau of Public Roads, W. H. Lynch, District Engineer, 316 New Post Office Bldg., Portland, for 4.19 miles of the South Fork Stillaguamish Clearing, Project 7-D, National Forest Road Project, located within the Mt. Baker National Forest, Snohomish County, Washington.

The work involves 45 acres clearing.

Plans and specifications obtainable from the above office upon deposit of $10.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on September 25, 1935:

III - Sie - 25 - A, at Downieville, (PLANS) No. of Sheets, 3, cost, 30c; (CROSS-SECTIONS) No. of Sheets, 8, Cost 80c; Total, $1.10.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany request for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

BIDS OPENED

SONOMA COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Avenue, Palo Alto, at $3,112.50 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for applying seal coat on about 3.2 miles between Cloverdale and the northerly boundary of Sonoma County, involving:

(1) 75 tons liquid asphalt, MC-3.
(2) 750 tons sand.
Complete bids follow:
Palo Alto Road Materials Co., Palo Alto: (1) $22.50; (2) $1.90; total, $3,112.50.
E. A. Forde, San Anselmo: (1) $20.60; (2) $2.25; total, $3,232.50.
Lee J. Immel, Berkeley: (1) $21; (2) $2.30; total, $3,300.
Bids held under advisement

CONTRACT AWARDED

LAKE COUNTY, Ore.—Babler Bros. 2407 NW 28th, Portland, at $94,755 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5 for 15.5 miles gravel surfacing and 16.4 miles road- or plant-mix surface treatment on the Horse Ranch-Silver Lake Section of Fremont Highway, Federal Aid Project 136-C.

Total bids follow:

(Road Mix)

Babler Bros., Portland	$ 94,755
Dunn & Baker, Klamath Falls	101,004
E. C. Hall, Eugene	102,824
R. O. Dale and Warren Bros., Aberdeen	106,400
Harold Blake, Portland	108,078
Warren Northwest, Inc., Portland	108,450
Newport Const. and Kern and Kibbe, Portland	108,686
J. C. Compton, McMinnville	110,974

(Plant Mix)

Newport Const. and Kern and Kibbe, Portland	$112,276
J. C. Compton, McMinnville	122,735
Parker-Schram Co., Portland	126,365

CONTRACT AWARDED

NYE COUNTY, Nev.—Dodge Construction, Inc., Fallon, at $89,837.32 submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for constructing 24.21 miles of the state highway system in Nye County, Route 5, Sections H2, J and K, between three miles north of Springdale and six miles south of Stonewall Pass.

George French, Jr., Stockton, Cal., at $94,655.58 submitted second low bid.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $34,424.20 submitted low bid and awarded contract by the Sacramento County Board of Supervisors for resurfacing Fair Oaks Blvd., involving:
(1) 41,600 lin. ft. headerboard.
(2) 7780 tons asphaltic concrete.
Complete bids follow:
A. Teichert & Son, Inc., Sacramento, (1) $0.10; (2) $3.89; total, $34,424.20
Heafey-Moore Co., Oakland, (1)$0.085 (2) $4.08; total, $35,278.40.
McGillivray Constr. Co., Sacramento, (1) $0.12; (2) $4.12; total, $37,045.60.
Union Paving Co., San Francisco, (1) 0.10; (2) $4.39; total, $38,314.20.

CONTRACT AWARDED

BONNEVILLE, Oregon. — Warren Northwest Co., Inc., Portland, at $6,850 awarded contract by the U. S. Engineer Office, Second Portland Dist., Portland, for asphaltic concrete paving at Bonneville.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal. —E. L. Yeager, P. O. Box 470, San Bernardino, at $15,416.80 awarded the contract by the State Highway Commission, Sacramento, for applying seal coat on about 21.2 miles in San Luis Obispo County between Estrella River and the easterly boundary.

BIDS OPENED

SANTA CRUZ, Cal.—Central Supply Co., Santa Cruz, at $1319.50 submitted only bid to Santa Cruz City Council for furnishing concrete, asphalt, rock and oil to municipal water department. Calrock Asphalt Co., San Francisco, bid $416 for furnishing Calrock asphalt.

Following estimated quantities required:
(1) 30 c.y. 1:2:4 mix Portland cement concrete;
(2) 125 tons pre-mixed asphaltic concrete and rock or calrock;
(3) 350 tons of crusher run base rock;
(4) 9 bbls. emulsified asphaltic L3N road oil.

Bids taken under advisement until September 30.

CONTRACT AWARDED

HARNEY COUNTY, Oregon.—J. A. Lyons, 33rd and Halsey, Portland, at $24,662 submitted low bid and awarded contract by the State Highway Commission, Portland, Sept. 5, for 0.59 mile grading on the Nigger Flat Section of Central Oregon Highway, Federal Lands Highway Project FI 14-G.

Total bids follow:

J. A. Lyons, Portland	$24,662
McNutt Bros., Eugene	25,091
Tony Marrazzo, Spokane	26,847
Morrison-Knudsen Co., Boise	32,145
J. C. Papin, Carson, Wash.	32,618
Clifton & Applegate, Spokane	34,094
Dunn & Baker, Klamath Falls	35,364
P. L. Crooks Co., Portland	38,919
Popuin & Eldon, Portland	31,494
Parker-Schram Co., Portland	39,239

CONTRACT AWARDED

CROOK COUNTY, Ore. — Chas. H Leonard, Albany, at $71,526 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Sept. 5, for 5.5 miles regrading, surfacing, oil mat surface treatment, and furnishing crushed material in stockpiles on the Prineville-Ochoco Dam Section of Ochoco Highway, Federal Aid Proj. No. 175-A.

Total bids follow:

Chas H. Leonard, Albany	$ 71,526
Newport Const. and Kern and Kibbe, Portland	77,860
Dunn & Baker, Klamath Falls	80,151
McNutt Bros., Eugene	81,594
E. C. Hall, Eugene	85,195
Harold Blake, Portland	92,029
Saxton & Looney, Corvallis	84,611
Joplin & Eldon, Portland	93,809
United Contr. Co., Portland	104,316

CONTRACT AWARDED

HUMBOLDT COUNTY, Nev. — Nevada Rock and Sand Co., Reno, at $103,598.84 submitted the low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a portion of the State Highway system in Humboldt County, Route 8, Section C, between Paradise Hill and Orovada, a length of approximately 18.6 miles.

George French, Jr., Stockton, Cal., submitted second low bid at $104,561.01.

CONTRACT AWARDED

WASHOE & STOREY COUNTIES, Nev.—Utah Construction Co., Ogden, Utah, at $141,419.47 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a portion of the State Highway system in Washoe and Storey counties, Route 17, Section A, between a point approximately 8 miles southeast of Browns and a point approximately five miles southeast of Browns (Geiger Grade) a length of about three miles.

Pacific States Const. Co., San Francisco, submitted second low bid at $141,635.95.

BIDS WANTED

ALAMEDA COUNTY, Calif. Until October 2, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about two miles of grading by dredging in the City of Berkeley, Alameda County, between the foot of Folger Ave. and Gilman Street.

The work involves:
(1) 670,000 c.y. hydraulic dredger fill.
(2) 4,560 c.y. structural excav.;
(3) 37,350 lbs. bar reinf. steel;
(4) 1,600 lbs. mesh reinforcement.
(5) 135 c.y. Class A Port. cem. conc
(6) 30 c.y. gunite;
(7) 6,400 l.f. type A temporary wooden bulkhead;
(8) 3,000 l.f. type B do;
(9) 82 l.f. 12-in. CMP;
(10) 724 l.f. 18-in. CMP;
(11) 120 l.f. 30-in. CMP;
(12) 112 l.f. 12-in. vitrified clay pipe;
(13) 9 each cast steel frames & covers for drop inlets;
(14) 1,070 c.y. struc. excav., Ashby Ave. sewer extension;
(15) 30,000 lbs. bar reinf. steel, do;
(16) 386 c.y. Class A Portland cement concrete, do.

Plans and specifications obtainable from the above office, and on file at the office of the District Engineer in San Francisco and Los Angeles.

CONTRACT AWARDED

SONOMA COUNTY, Calif. — E. A. Forde, 640 Redhill Ave., San Anselmo, at 5,485 awarded the contract by the State Highway Commission, Sacramento, for applying Class B seal coat on about nine miles of existing roadbed in Sonoma County between easterly boundary and nine miles westerly.

September 19, 1935

BIDS OPENED

KERN COUNTY, Cal.—Basich Bros. 20550 Normandie Ave., Torrance, at $6950 submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for grading about five miles between two miles southwest of Searles and Rademacher in Kern County.

The work involves:
(1) 14,650 cu. yds. roadway excavation without class;
(2) 3000 sta. yds. overhaul;
(3) 275 cu. yds. structural excavation;
(4) 1300 cu. yds. ditch and channel excavation;
(5) 532 lin. ft. 18-in. CMP;
(6) 108 lin. ft. 24-in. CMP;
(7) 36 each monuments complete in place.

Complete bids follow:
(A) Basich Bros., Torrance, $6950.
(B) John Jurkovich, Fresno, $13,131.

Unit prices follow:

	(A)	(B)
(1)	$ .38	$ .70
(2)	.01	.06
(3)	1.00	2.00
(4)	.50	1.00
(5)	.50	1.00
(6)	.50	2.00
(7)	3.00	2.00

BIDS OPENED

MARIN COUNTY, Cal.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $15,000 submitted low bid to State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for removal of slides about 0.4 miles between Greenbrae and Alto in Marin County.

The work involves:
(1) 50,000 cu. yds. roadway excavation
(2) 12,500 ml. yds. overhaul.

Complete bids follow:

(A) Healy-Tibbitts Constr. Co., San Francisco, $15,[illegible].
(B) N. M. Ball & Son, Berkeley, $15,-750.
(C) Bayshore Constr. Co., San Francisco, $16,[illegible].
(D) A. J. Raisch, San Francisco, $16,-875.
(E) Biasotti, Willard & Biasotti, Stockton, $17,125.
(F) Granfield, Farrar & Carlin, San Francisco, $17,250.
(G) J. L. Connor, Monterey, $20,375.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$.28	$.29	$.29	$.29	$.33	$.32	$.37
(2)	.08	.10	.12	.19	.05	.10	.15

CONTRACT AWARDED

CLACKAMAS COUNTY, Oregon—Edlefsen-Weygandt, N. Peninsula and Columbia Blvd., Portland, at $132,-710.50 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, September 5, for 5.52 mi. paving on the Milwaukie-Oregon City Section of East Portland-Oregon City Highway; Federal Aid Projects No. 168-A, 168-B, and 168-C.

Complete bids follow:

Edlefsen-Weygandt, Portland, $132,-710.
Jacobsen-Jensen Co., Portland, $133,-681.
Harold Blake, Portland, $135,278.
Oregon Constr. Co. and Theo. Arenz, Portland, $143,000.
Kern & Kibbe, Portland, $161,365.
Parker-Schram Co., Portland, $163,-869.
Warren N. W. Co., Inc., Portland, $173,583.

BIDS WANTED

MARIN COUNTY, Cal.—Until Sept. 23, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for furnishing approximately 2400 barrels of SC-2 liquid asphalt for road work in Road District No. 5, Marin County.

Specifications obtainable from County Surveyor Rodney Messner, Court House, San Rafael.

BIDS WANTED

MARIN COUNTY, Cal.—Until Sept. 23, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for applying 2400 barrels of heavy fuel oil on the following roads:

(1) Point Reyes Station - Petaluma Road from State Highway No. 56 near Point Reyes Station to the Sonoma County Line, a distance of approximately 14.7 miles

(2) Novato-Hicks Valley Road from the Point Reyes Station-Petaluma Rd. easterly, a distance of approximately 2.4 miles.

Plans and specifications obtainable from County Surveyor Rodney Messner, Court House, San Rafael.

NO BIDS RECEIVED

SAN DIEGO CO., Cal.—No bids received by the State Highway Engineer, Los Angeles, for applying road-mix surface treatment on about 20.8 miles between Rincon and Moretti's, in San Diego County.

LOW BIDDERS

SAN BERNARDINO and Kern Cos., Calif.—Basich Bros., 20550 Normandie Ave., Torrance, at $39,581.75 submitted low bid to the State Highway Engineer, Los Angeles, for applying road mix surface treatment and seal coat on about 27.4 miles between Johannesburg and Route 58 in San Bernardino and Kern Counties.

George Hertz, San Bernardino, at $42,882.50 and A. S. Vinnell Co., Los

SONOMA COUNTY—Reinforced Concrete Bridge — (State)

SONOMA CO., Cal.—John Carcano, 122 Clarinda Ave., San Rafael, at $13,-777 submitted low bid to the State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for constructing a reinforced concrete girder bridge across Sonoma Creek about seven miles north of Sonoma, consisting of three 52-foot spans on concrete piers and abutments.

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 340 cu. yds. struct. excav.;
(3) 77 000 lbs. bar reinf. steel;
(4) 41 cu. yds. Class A Portland cement concrete footing blocks;
(5) 404 cu. yds. Class A Portland cement concrete structure;
(6) 95 cu. yds. light riprap;
(7) 330 lin. ft. lighting conduit;
(8) 1 lot misc. items of work.

Complete bids follow:

(A) John Carcano, San Rafael, $13,-777.00.
(B) E. S. and N. S. Johnson, Pasadena, $13,890.50.
(C) N. M. Ball & Son, Berkeley, $14-061.50.
(D) A. T. Howe, Santa Rosa, $14,375.
(E) Renati Bros., Novato, $14,728.70.
(F) N. Kewon & Hillman, San Francisco, $15,516.
(G) F. C. Amoroso & Son, San Francisco, $15,640.
(H) A. Soda & Son, Oakland, $15,850.
(I) Albert Seimer and Frank Mayon, San Anselmo, $16,310.50.
(J) Harry Oser, San Francisco, $16,-691.00.
(K) M. B. McGowan, Inc., San Francisco, $16,810.00.
(L) Lindgren & Swinerton, San Francisco, $18,191.43.
(M) A. J. Raisch, San Francisco, $18,-872.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$700.00	$1250.00	$1000.00	$350.00	$950.00	$1600.00	$1500.00
(2)	3.00	2.00	2.60	2.65	2.00	2.76	2.50
(3)	.046	.045	.045	.045	.045	.04	.043
(4)	18.00	16.00	13.00	19.00	19.00	13.00	12.00
(5)	18.00	18.00	18.00	20.00	20.00	21.25	19.50
(6)	2.00	3.00	2.90	3.00	4.00	3.00	8.00
(7)	.50	.25	.40	.50	.59	.60	.90
(8)	150.00	200.00	400.00	350.00	200.00	300.00	552.00

	(H)	(I)	(J)	(K)	(L)	(M)
(1)	$1540.00	$800.00	$300.00	$2000.00	$1524.00	$1800.00
(2)	2.00	3.50	4.00	4.00	2.93	2.00
(3)	.475	.05	.045	.05	.0469	.044
(4)	17.00	21.00	16.00	10.00	20.44	27.00
(5)	24.00	21.00	22.00	21.00	25.46	27.00
(6)	3.30	4.50	12.00	2.00	5.37	5.00
(7)	.60	.60	.40	.20	.33	.65
(8)	280.00	500.00	750.00	450.00	317.00	300.00

NYE COUNTY, NEV.—24.21 Mi. Highway Constr.—(State)

NYE COUNTY, Nev.—Dodge Construction, Inc., Fallon, at $89,837.32, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, Sept. 11, for constructing 24.21 miles of the State Highway System in Nye County, Route 5, Sections H2, J and K, between three miles north of Springdale and six miles south of Stonewall Pass.

The work involves:

(1) 67,900 c.y. roadway excavation;
(2) 46,176 sta. yds. overhaul;
(3) 39,618 c.y. select borrow;
(4) 1,180 c.y. structure excavation;
(5) 24.21 miles subgrade;
(6) 24.21 miles finish roadway;
(7) 90.00 tons crushed stone or gravel surface;
(8) 73 c.y. Class B concrete;
(9) 1,700 lbs. reinforcing steel;
(10) 5.3 M. ft. B.M. redwood;
(11) 1,354 l.f. 18-in. corrugated metal pipe (dipped);
(12) 806 l.f. 24-in. do;
(13) 44 l.f. 30-in. do;
(14) 128 l.f. remove culvert pipe;
(15) 30 l.f. relay culvert pipe;
(16) 76 l.f. 3x2-ft. laminated culvert;
(17) 76 l.f. double 3x2-ft. do;
(18) 56 each monuments (remove and reset).

Total bids follow:

(A) Dodge Const., Inc., Fallon, $89,-837.32.
(B) Geo. French, Jr., Stockton, $94,-655.58.
(C) Isbell Const. Co., Reno, $96,631.02
(D) Gibbons & Reed Co., Salt Lake City, $100,907.33.
(E) Fredrickson & Watson Const. Co., Fredrickson Bros. and Jones and King, Oakland, $103,970.56.
(F) Pacific Const. Co., San Francisco, $106,689.38.
(G) Engineer's estimate, $107,311.12.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .24	$ .35	$ .28	$ .31	$ .28	$ .33	$.30
(2)	.02	.03	.02	.03	.02	.03	.02
(3)	.35	.35	.45	.40	.43	.45	.40
(4)	1.00	1.00	1.00	.90	1.00	1.00	1.00
(5)	100.00	50.00	100.00	75.00	135.00	100.00	100.00
(6)	100.00	100.00	100.00	200.00	175.00	100.00	100.00
(7)	.47	.45	.47	.50	.52	.52	.60
(8)	30.00	30.00	35.00	28.00	30.00	30.00	30.00
(9)	.10	.08	.07	.08	.08	.07	.07
(10)	110.00	125.00	120.00	120.00	135.00	150.00	120.00
(11)	2.25	2.25	2.10	1.90	2.60	3.00	2.10
(12)	3.00	3.00	3.00	2.85	3.75	4.00	3.00
(13)	4.00	4.00	4.00	3.60	4.85	5.50	4.00
(14)	1.00	.50	1.00	.75	.80	.50	.75
(15)	1.00	.75	1.00	1.00	.70	.50	1.00
(16)	7.50	7.00	7.00	9.00	7.25	8.00	7.00
(17)	12.50	12.00	12.00	15.00	11.50	10.00	12.00
(18)	3.00	3.00	3.50	2.00	3.00	3.00	3.50

LOS ANGELES COUNTY—Bridge Re-Construction—(State)

LOS ANGELES COUNTY, Cal.—Oscar Oberg, 150 N. Vista St., Los Angeles, at $14,912.60, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, September 12, for reconstructing a portion of a timber bridge across the Los Angeles River at Olive St., near Compton, consisting of eight 38-ft. truss spans and approximately 90 feet of trestle.

The work involves:

(1) 1 lot damaged portions of existing bridge to be removed and disposed of;
(2) 180 cu. yds. struct. excavation;
(3) 156 tons mineral aggregate plant mixed surfacing;
(4) 8 tons liquid asphalt MC-5 or MC-extra heavy plant mixed surfacing
(5) 1 ton liquid asphalt MC-2 prime coat;
(6) 12 M. ft. b. m. redwood timber select all-heart structural grade;
(7) 175 M. bf. b.m. Douglas fir timber;
(8) 19,000 lbs. structural metal;
(9) 1 lot misc. items of work.

Total bids follow:

(A) Oscar Oberg, Los Angeles, $11,912.60.
(B) D. A. Loomis, Glendale, $15,172.89
(C) E. G. Perham, Los Angeles, $15,555.20.
(D) W. H. McCune, Monrovia, $15,993.50.
(E) T. A. Allen Constr. Co., Los Angeles, $16,014.
(F) Parish Bros., Hollywood, $16,282.
(G) United Concrete Pipe Corp., Los Angeles, $16,315.
(H) Robert D. Paterson, Santa Barbara, $16,332.
(I) Lynch-Cannon Engrg. Co., Los Angeles, 16,510.50.
(J) E. S. and N. S. Johnson, Pasadena, $16,837.
(K) R. R. Bishop, Long Beach, $17,145.60.
(L) Contracting Engineers, Inc., Los Angeles, $17,662.20.

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(A)	$ 300.00	$1.00	$3.10	$22.00	$33.00	$ 90.00	$60.00	$.11	$ 100.00
(B)	995.00	1.90	3.93	17.62	28.00	79.50	57.45	.0919	300.00
(C)	800.00	2.00	3.75	27.00	55.00	85.35	60.00	.085	400.00
(D)	610.00	2.20	5.00	16.50	36.00	102.00	62.50	.089	187.00
(E)	284.00	.90	4.00	17.00	36.00	71.75	70.76	.075	103.00
(F)	400.00	1.50	4.50	20.00	40.00	100.00	66.00	.09	250.00
(G)	1000.00	1.00	3.00	15.00	30.00	81.00	66.20	.09	250.00
(H)	350.00	1.15	3.28	16.37	38.00	92.00	70.00	.085	126.00
(I)	2000.00	2.50	3.00	15.00	30.00	90.00	57.50	.10	400.00
(J)	1000.00	1.50	5.00	18.00	18.00	85.00	65.00	.11	200.00
(K)	500.00	2.00	4.10	17.00	40.00	85.00	70.00	.10	300.00
(L)	250.00	2.00	4.20	18.00	40.00	72.00	60.00	.12	2569.00

Churchill & Lander Counties, Nev.—9.68 mi. Highway—State

CHURCHILL and Lander Counties, Nev.—Fredrickson & Watson Constr. Co., Fredrickson Bros. and Jones and King, 873 81st Ave., Oakland, at $110,794.72, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer Carson City, Sept. 11, for constructing 9.68 miles of the State Highway System in Churchill and Lander Cos., between 8 miles east of Eastgate and Campbell Creek Ranch, Route 2, Sections F and A, project FAP 56A and B.

The work involves:

(1) 474 l.f. remove culvert pipe;
(2) 75 each remove culvert headwalls
(3) 126,740 c.y. roadway excavation;
(4) 93,026 sta. yds. overhaul;
(5) 23,380 c.y. select borrow;
(6) 710 c.y. structure excavation;
(7) 9.68 miles subgrade;
(8) 9.68 miles finish roadway;
(9) 36,800 tons crush. gravel or stone surface;
(10) 334 c.y. Class A concrete;
(11) 40 c.y. Class B concrete;
(12) 33,960 lbs. reinforcing steel;
(13) 0.80 M. ft. B.M. redwood;
(14) 456 l.f. 15-inch corrugated metal pipe (dipped);
(15) 592 l.f. 18-in. do;
(16) 202 l.f. 24-in. do;
(17) 34 l.f. 30-in. do;
(18) 30 c.y. hand-laid riprap;
(19) 164 l.f. relay culvert pipe;
(20) 233 each monuments ;
(21) 800 lbs. castings;
(22) 220 l.f. 4-in. pipe.

Total bids follow:

(A) Fredrickson & Watson Const. Co Fredrickson Bros. and Jones and King, Oakland, $110,794.72.
(B) Utah Const. Co., Ogden, $120,534.82.
(C) Dodge Const., Inc., Fallon, $127,127.02.
(D) Pacific Const. Co., San Francisco $146,211.22.
(E) Isbell Const. Co., Reno, $154,053.42.
(F) Engineer's estimate, $112,062.72.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .70	$ .75	$ 1.50	$ .75	$ 1.00	$ .75
(2)	3.00	5.00	6.00	5.00	6.00	1.00
(3)	.44	.59	.52	.70	.78	.45
(4)	.02	.02	.02	.02	.02	.02
(5)	.36	38	.35	.45	.40	.40
(6)	1.50	1.50	1.50	2.00	1.50	1.00
(7)	150.00	75.00	100.00	100.00	100.00	100.00
(8)	250.00	200.00	200.00	100.00	100.00	100.00
(9)	.55	.62	.75	.60	.60	.60
(10)	30.00	28.00	30.00	30.00	30.00	30.00
(11)	29.00	28.00	30.00	30.00	30.00	30.00
(12)	.07	.06	.07	.07	.07	.08
(13)	135.00	110.00	250.00	200.00	150.00	120.00
(14)	2.50	1.50	2.25	2.00	1.75	1.65
(15)	2.75	2.00	2.50	3.00	2.00	2.50
(16)	4.00	3.00	3.25	4.00	3.00	3.25
(17)	4.50	3.75	4.00	5.00	3.50	4.50
(18)	7.00	4.00	5.00	6.00	6.00	6.00
(19)	.70	.50	1.00	.75	1.00	.75
(20)	3.00	3.50	3.00	3.00	3.50	3.00
(21)	.20	.15	.15	.10	.15	.18
(22)	2.00	1.25	1.00	2.00	1.25	2.00

Angeles, at $43,203.50 submitted second and third low bids, respectively

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until Sept. 23, 10 A. M., bids will be received by the Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 201, Court House Bldg., Sacramento, for the construction of a cut-back asphaltic plant mix pavement on the Verden-Locke Road.

Plans and specifications obtainable from County Engineer John J. Rooney upon deposit of $10.

BIDS WANTED

WASHOE & STOREY COUNTIES, Nevada—Until September 18, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Washoe and Storey Counties, Route 17, Section A, between a point approximately 8 miles southeast of Brown and a point approximately 5 miles southeast of Browns (Gelger Grade), a length of about 3 miles.

The work involves:

(1) 114,100 cu. yds. rdwy. excavation;
(2) 105,999 sta. yds. overhaul;
(3) 370 cu. yds. structure excavation
(4) 3 miles finishing roadway;
(5) 15 cu. yds. Class B concrete;
(6) 220 cu. yds. cement rubble masonry;
(7) 220 lin. ft. 18-in. CMP;
(8) 36 lin. ft. 24-in. CMP;
(9) 90 lin. ft. 30-in. CMP;
(10) 160 lin. ft. 36-in. CMP;
(11) 124 each monuments;
(12) 2400 lbs. castings.

NOTE: The date for opening bids was previously reported as Sept. 19.

Plans and specifications obtainable from the above office upon deposit of $5, of which abount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—Barton & Ellis, at $18,984.20 awarded contract by the Mendocino County Board of Supervisors, Sept. 10, for the realignment of a portion of the Leggett Valley-Rockport Road.

CONTRACT AWARDED

GRANT COUNTY, Wash.—F. R. Hewett, 420 W 22nd, Spokane, at $55,288 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Sept. 10 for 13.4 miles grading and surfacing of Section 2, Unit 2, Public Works Project No. NRS 217-A.

Joslin and McAllister, Spokane, at $55,542, and M. E. Nelson Const. Co., Tonasket, at $56,687 submitted second and third low bids, respectively.

CONTRACT AWARDED

SKAMANIA COUNTY, Wash.—Colonial Constr. Co., W 326 First St., Spokane, at $182,962 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, September 10, for 1.3 miles clearing, grading and draining, Federal Aid Project No. 112-F.

Elliott & Co., Seattle, at $199,593 and the Mirene Co., Portland, at $207,204 submitted second and third low bids, respectively.

BIDS WANTED

HUMBOLDT COUNTY, Nev.—Until September 18, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Humboldt County, Route 8, Section C, between Paradise Hill and Orovala, a length of approximately 18.6 miles.

The work involves:

(1) 362 lin. ft. remove culvert pipe;
(2) 129 each remove culvert headwalls;
(3) 94,400 cu. yds. roadway excav.;
(4) 40,758 sta. yds overhaul;
(5) 9716 cu. yds. select borrow;
(6) 24,739 cu. yds. imported borrow;
(7) 1320 cu. yds. structure excav.;
(8) 18.56 mi. subgrade;
(9) 18.56 mi. finish roadway;
(10) 71,900 tons crushed gravel or stone surface;
(11) 2065 M. gals. water;
(12) 80 cu. yds. Class A concrete;
(13) 215 cu. yds. Class B concrete;
(14) 13,000 lbs. reinforcing steel;
(15) 24 lin. ft. 15-in. CMP;
(16) 1216 lin. ft. 18-in. CMP;
(17) 858 lin. ft. 24-in. CMP;
(18) 318 lin. ft. 30-in. CMP;
(19) 364 lin. ft. 36-in. CMP;
(20) 68 lin. ft. relay culvert pipe;
(21) 80 each, monuments.

NOTE: The date for opening bids was previously reported as Sept. 19.

Plans and specifications obtainable from above office upon deposit of $5, of which amounts $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

CONTRACT AWARDED

NAPA, Napa Co., Cal.—Henry Grimoldi, Route 3, Box 3676, Napa, at $2029.72 awarded contract by the Napa City Council for installation of concrete curbings on Jefferson Street from Cedar Ave. to Lincoln Ave.

BIDS WANTED

YAKIMA COUNTY, Wash. — Until Sept. 25, 10 A. M., bids will be received by the Bureau of Public Roads, 316 New Postoffice Bldg., Portland, for 1.894 miles grading on the Randle-Yakima East Side Highway Grading Project 13-R, National Forest Road Project, located within the Snoqualmie National Forest, Yakima County, Wash.

The work involves:

(1) 15 acres clearing;
(2) 11 acres grubbing;
(3) 88,250 c.y. unclass. excav.;
(4) 54,000 sta. yds. overhaul;
(5) 1.894 miles finishing earth graded road;
(6) 12,000 l.f. rounding cut slopes;
(7) 24 c.y. Class A concrete;
(8) 800 l.f. culverts (Alt.);
(9) 3,000 c.y. loose riprap, Type 1;
(10) lump sum, extra and miscellaneous force account work.

Plans and specifications obtainable from above office upon deposit of $10.

CONTRACT AWARDED

LINCOLN COUNTY, Wash. — F. R. Hewett, 420 W. 22nd St., Spokane, at $46,486 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, September 10, for 3.9 miles grading, draining and surfacing with crushed stone, Federal Aid Project No. 133-F.

J. H. Collins, Spokane, at $47,480 submitted second low bid, and Triangle Constr. Co., Spokane, at $53,029 submitted third low bid.

CONTRACT AWARDED

SNOHOMISH CO., Wash.—Goodfellow Bros., Inc., Wenatchee, at $85,221 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Sept. 10 for 1.4 miles clearing, grading, draining and surfacing with crushed stone, Federal Aid Project No. 189-D.

Halleran Bros., Seattle, at $93,575, and James Coyle, Seattle, at $96,849 submitted second and third low bids, respectively.

COMPLETE BID LISTING

SAN BERNARDINO & KERN COS. Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $39,581.75, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, Sept., 12, for applying road-mix surface treatment and seal coat on about 27.4 miles between Johannesburg and Route 58 in San Bernardino and Kern Counties.

The work involves:

(1) 2600 tons liquid asphalt, SC-2;
(2) 321,000 sq. yds. preparing, mixing and shaping roadbed;
(3) 90 tons asphaltic emulsion 90-95 (seal coat);
(4) 625 cu. yds. sand (seal coat).

Total bids follow:

(A) Basich Bros., Torrance, $39,581.75.
(B) Geo. Herz & Co., San Bernardino, $42,882.50.
(C) A. S. Vinnell, Los Angeles, $43,203.50.
(D) C. W. Wood, Stockton, $43,272.50.
(E) Matich Bros., Elsinore, $43,690.
(F) J. A. Casson, Hayward, $44,864.50.
(G) Oilfields Trucking Co., Bakersfield, and Stewart & Nuss, Bakersfield, $46,033.70.
(H) J. C. Compton, McMinnville, Oregon, $46,528.50.
(I) Oswald Bros., Los Angeles, $49,245.
(J) C. F. Fredericksen & Sons, Lowe Lake, $54,700.

Unit bids follow:

	(1)	(2)	(3)	(4)
(A)	$ 8.80	$.04	$21.50	$2.75
(B)	10.50	.035	24.00	3.50
(C)	10.50	.036	24.00	3.50
(D)	10.00	.045	21.00	1.50
(E)	10.40	.04	21.50	3.00
(F)	10.00	.04	21.80	6.50
(G)	10.60	.0447	25.00	3.00
(H)	10.75	.046	25.00	2.50
(I)	11.75	.045	25.00	3.20
(J)	14.00	.045	22.00	3.00

NOTICE TO BIDDERS

ALAMEDA COUNTY, Cal.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on October 2, 1935:

IV-Ala-69-Ber in Berkeley, bet. the foot of Folger Ave. and Gilman St. (PLANS) No. of Sheets, 10; Cost, $1. (CROSS-SECTIONS) No. of Sheets, 14; Cost, $1.40; Total, $2.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, California.

SAN FRANCISCO—Bands, Washers, Bolts — (CITY)

SAN FRANCISCO. — Bids received by T. A. Brooks, Purchaser of Supplies, for furnishing bell and plain bands, plate washers and tie bolts for San Francisco, water Department; Spec. No. 1430:

Bidder	Proposal "A" Lot 1	Lot 2	Lot 3	Lot 4	Lot 5	Lot 6	(Alter.) Prop. "B" All It'ms
W. R. Ames Co.	$3141.76	$916.13	$78.28	$215.15	$73.13	$90.64	$4274.70
Calif. Steel Prod. Co.	3151.80	683.92	115.36	281.19	86.52	110.21	4100.00
S. F. Water Dept.	2978.48	666.14	117.87	304.83	95.87	121.17	4190.93
Western Pipe & Steel	3538.05	1205.10	.....	.....	.....	.....	.....
Payne's Bolt Works	3079.18	626.65	125.08	313.69	100.92	122.30	4240.71
Kortick Mfg. Co.	2934.98	633.24	106.71	260.10	81.68	103.60	3899.07

SAN FRANCISCO — Cotter Street Main Extension — (City)

SAN FRANCISCO.—Lowrie Paving Co., 1540 Sixteenth St., at $1,057.60 submitted low bid to Public Utilities Commission for laying 6- and 8-inch cast iron mains in Cotter Street from Alemany Blvd. to Cayuga and in Cayuga from Theresa to Santa Rosa Sts. San Francisco Water Department Spec. No. 87.

The work involves:

(1) 1275 lin. ft. excavation and backfill trench 17-in. by 36-in.;
(2) 20 cu. yds. additional excavation and backfill;
(3) 25 sq. ft. additional pavement removal and replacement;
(4) Installation of pipe;
(a) 395 lin. ft. 6-in. bolted joint cast iron pipe;
(b) 880 lin. ft. 8-in. do;
(5) 1600 lbs. installation of fittings, etc.;
(6) 30 lin. ft. making joints, B & S;
(7) 190 joints making 6-in. and 8-in. bolted joints;
(8) 75 sq. ft. pavement;
(9) Lump sum, pipe and service connections.

Complete bids follow:

(A) Lowrie Paving Co. $1057.60
(B) W. J. Tobin 1098.25
(C) S. F. Water Dept. 1111.50
(D) Chas. L. Harney 1114.30
(E) Pacific States Const. Co. 1143.00
(F) Theo. Cohn 1191.15
(G) M. J. Lynch 1222.50
(H) E. J. Treacy 1304.00

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .30	$ .30	$ .40	$ .36	$ .25	$ .30	$ .30	$ .40
(2)	.90	.50	1.00	1.00	.60	.50	1.00	1.50
(3)	.30	.30	.35	.33	.32	.20	.50	.35
(4a)	.08	.10	.05	.06	.15	.15	.12	.15
(4b)	.10	.10	.05	.07	.15	.20	.12	.15
(5)	.02	.03	.02	.02	.02	.04	.015	.015
(6)	1.00	.30	.55	.50	.80	.60	.60	.50
(7)	.20	.50	.20	.40	.70	.30	1.00	.50
(8)	.40	.25	.30	.25	.32	.26	.30	.40
(9)	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00

IDS OPENED

LEWIS COUNTY, Wash. — A. C. reenwood Co., Inc., 3201 N. W. Front ., Portland, at $188,729 submitted w bid to the Bureau of Public Roads, ortland, September 11, for grading 661 miles of the Mt. Rainier National ark Stevens Canyon Project 4-E2, ocated within the Mt. Rainier Nat'l. ark, Lewis County.

Complete bids follow:

. C. Greenwood Co., Inc., Portland	$188,729
ucich Co., Seattle	204,160
. Romano Engr. Co., Seattle	205,118
am Orino, Bonneville	205,181
olonial Constr. Co., Spokane	207,817
lyers & Goulter, Seattle	214,005
. L. Crooks & Co., Portland	223,095

BIDS WANTED

HUMBOLDT COUNTY, Cal.—Until Sept. 21, 10 A. M., bids will be received by the Humboldt County Board of Supervisors, Fred M. Kay, Clerk, Court House, Eureka, for improving the grounds at the county airport.

The work includes grading two runways, one approximately 2300 ft. long and one 1,000 ft. long, each to be 300 ft. wide.

Plans and specifications obtainable from County Surveyor Frank Kelly.

BIDS WANTED

GILA COUNTY, Ariz.—Until Oct. 9, 2:30 P. M., bids will be received by Arizona State Highway Commission Phoenix, for highway construction on the Globe Showlow Highway, F. A. 09-J, A.F.E. 6058. The work, which begins about 61 miles northeast of Globe and extends northeasterly about 1.7 miles, consists of grading and draining, and is to be completed on or before August 31, 1936.

The items are:

45,000 cu. yds. roadway excavation;
7,000 cu. yds. drainage excav.;
14,500 cu. yds. slides and overbreakage;
1,900 cu. yds. structural excavation;
7,500 cu. yqds. imported borrow;
901 cu. yds. concrete;
91,300 lbs. reinf. steel;
3,122 lin. ft. C. M. pipe (various sizes);
276,000 lbs. structural steel;
482 cu. yds. riprap;
44,660 lin. ft. standard line fence.

Plans may be obtained from T. S. O'Connell, State Highway Engineer. Certified or cashier's check, 5%. Funds in the sum of $250,000 have been programmed for this project.

CONTRACT AWARDED

SAN JOAQUIN CO., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $2,050 awarded contract by the State Division of Highways, Sacramento, for paving with asph. concrete about 200 l.f. at the Fresno Avenue grade separation in San Joaquin County, near Stockton.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch Paving Co., Burrell Bldg., San Jose, at $3340 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for improvement of Dupont St. from Park Avenue to San Carlos St. in Supervisor District No. 4. The work involves 22,512 sq. ft. of asphaltic concrete.

Complete bids follow:

A. J. Raisch Co., San Jose	$3340
Union Paving Co., S. F.	3489
Engineer's estimate	3100

CONTRACT AWARDED

KERN COUNTY, Calif.—J. A. Casson, 319 Warren St., Hayward, at $16-414 awarded contract by the State Division of Highways, Sacramento, for applying road-mix surface treatment on about 35.5 miles between Johannesburg and Route 23 in Kern Co.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $41,879 submitted low bid and awarded contract by the Santa Clara County Board of Supervisors for improvement of Stevens Creek Road from Saratoga Ave. to the Saratoga and Sunnyvale Road in Supervisor District No. 4.

The work involves:
(1) 377,700 sq. ft. asphaltic concrete;
(2) 45,000 tons asphaltic concrete base.

Complete bids follow:

Union Paving Co., (1) $26,129; (2) $3.50 ton; $15,570 subtotal; $41,879, total.

A. J. Raisch Co., San Jose, (1) $27,-025; (2) $3.70 ton, $16,650, subtotal; $46,675, total.

Engineer's estimate, (1) $26,120; (2) $16,425; $42,545, total.

BIDS WANTED

APACHE COUNTY, Ariz. — Until October 4, 10 A. M., bids will be received by Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-Lupton Highway, F. A. 83-D; A.F.E. 6650. The work, which begins at the Navajo-Apache County line, about 21 miles northeast of Holbrook and extends northeasterly approx. 18.2 miles, consists of placing aggregate base course, shoulder material and either a cut-back plant mix or Laykold asphaltic concrete; Type B seal coat, and is to be completed on or before Feb. 29, 1936. The items are:

35,500 cu. yds. aggregate base course
249,000 cu. yds. mi. aggrageate base course;
6,000 cu. yds. shoulder material;
36,000 cu. yds. mi. shoulder material haul;
29,000 tons plant mix;
1,100 tons cut-back asphalt;
445 tons emulsified asphalt;
18,138 mi. placing plant mix;
1,550 cu. yds. screenings;
8,090 lin. ft. standard line fence;
7,000 cu. yds. stripping pits;
350 cu. yds. stockpiled aggregate;
420 M. gals. sprinkling.

ALTERNATE

43,500 cu. yds. aggregate base course
298,000 cu. yds. mi. aggrageate base course;
6,000 cu. yd. mi. shoulder material haul;
21,800 tons Laykold asphalt concrete
400 tons Laykold tempering fluid;
750 tons asph. cement;
425 M. gals. sprinkling.

Plans may be obtained from T. S. O'Connell, State Highway Engineer. Certified or cashier's check, 5%. Funds in the sum of $175,000 have been programmed for this project.

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $751.44 awarded contract by the Department of Public Works under Spec. No. 18,881 for reconstruction of roadway of Clifford Terrace between Roosevelt Way and a line 247.48 feet east of Upper Terrace.

CONTRACT AWARDED

SAN BERNARDINO and Kern Cos. Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $39,581.75 awarded contract by State Division of Highways, Sacramento, for applying road-mix surface treatment and seal coat on about 27.4 miles between Johannesburg and Route 58 in San Bernardino and Kern counties.

BIDS WANTED

KINGS COUNTY, Cal.—Until Oct. 9, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for about 1.5 miles grading and paving with asphalt concrete between Hanford and one and one-half miles easterly, Kings County.

The work involves:
(1) Clearing and grubbing right-of-way;
(2) 1200 M. gals. water;
(3) 5000 cu. yds. roadway excavation without class;
(4) 10,500 cu. yds. imported borrow;
(5) 80 cu. yds. ditch and channel excavation;
(6) 21,500 sta. yds. overhaul;
(7) 650 cu. yds. struct. excav.;
(8) 10,000 sq. yds. subgrade preparation;
(9) 80 stations finishing roadway;
(10) 190 tons liquid asphalt SC-2 (shoulders);
(11) 19,000 sq. yds. preparing, mixing and shaping (shoulders);
(12) 9000 sq. yds. asph. paint binder;
(13) 4165 tons asphalt conc. base and leveling course;
(14) 2175 tons asphalt conc. surface course;
(15) 15 cu. yds. Class A Portland cement concrete (structures);
(16) 6.5 cu. yds. Class A Portland cement concrete (curbs);
(17) 1330 lbs. bar reinf. steel (structs)
(18) 612 lin. ft. 12-in. standard reinf. concrete pipe;
(19) 150 lin. ft. 18-in. do;
(20) 54 lin. ft. 30-in. do;
(21) 18 lin. ft. 12-in. plain concrete pipe;
(22) 120 lin. ft. laminated guard rail;
(23) 8 each culvert markers;
(24) 1 mile existing property fences moved and reset;
(25) 3 each drive gates;
(26) 150 cu. yds. existing concrete removed and disposed of;
(27) 120 cu. yds. drainage sumps;
(28) 4 each frames and grates for drop inlets.
(29) 13 each monuments complete in place.

Specifications may be obtained from State Highway Engineer, Public Wks. Bldg., Sacramento, and on file at the District Engineer offices in San Francisco, Fresno and Los Angeles.

CONTRACT AWARDED

SHASTA & LASSEN COS., Calif.—Dunn & Baker, Klamath Falls, Ore., at $43,211 awarded contract by State Division of Highways, Sacramento, for applying 19.7 miles of armor coat between Fall River Mills and Nubieber.

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 443 Call Building, at $1,883.75 awarded contract by Department of Public Works for constructing crossovers on Sloat Blvd. at the intersection of Twenty-second Avenue, El Mirasol place, Thirty-fourth Avenue and Forty-fourth Avenue.

LOW BIDDER

INYO COUNTY, Cal.—Paulsen and March, 8275 Compton Ave., Los Angeles, at $15.90 per con (total $5,565) submitted low bid to State Division of Highways, S. W. Lowden, District Engineer, Bishop, for 17.8 miles of liquid asphalt treatment in Inyo Co between the east boundary of Death Valley National Monument and 0.5 mile south of Death Valley Junction.

CONTRACT AWARDED

TEHAMA COUNTY, Cal.—A. Teichert & Son Inc., P. O. Box 1113, Sacramento, at $5,708.25 awarded con-

tract by the State Highway Commission, Sacramento, for applying seal coat on about 13.4 miles between Rte. 3 and 1½ miles east of Dales, Tehama County.

BIDS WANTED

IMPERIAL COUNTY, Cal. — Until October 10, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, State Bldg., Los Angeles, for about 12.5 mi. grading and surfacing with plant mixed surfacing (medium curing type) between East Highline Canal and Midway Wells, Imperial County.

The work involves:

(1) 134,000 cu. yds. rdwy. excavation without class;
(2) 155,000 sta. yds. overhaul;
(3) 135 cu. yds. struct. excavation;
(4) 660 sta. finishing roadway;
(5) 44,700 tons, mineral aggregate plant mixed surfacing;
(6) 1790 tons liquid asphalt MC-5 or MC-extra heavy plant mix surfacing;
(7) 75 tons liquid asphalt SC-2 (prime coat);
(8) 1440 tons liquid asphalt SC-2 (subgrade and shoulders);
(9) 233,600 sq. yds. preparing, mixing, shaping and compacting subgrade and shoulders;
(10) 25 tons liquid asphalt SC-2 (detours);
(11) 60 tons liquid asphalt SC-1A (slopes);
(12) 290 lin. ft. 24-in. CMP;
(13) 12 each culvert markers;
(14) 50 each guide posts;
(15) 3600 lin. ft. remove wooden side forms;
(16) 74 each monuments.

Specifications and proposal forms obtainable from State Highway Engineer, Public Works Bldg., Sacramento, and on file at the offices of the District Engineers, San Francisco and Los Angeles.

NO BIDS RECEIVED

BERKELEY, Alameda Co., Cal.—No bids received by City Council for improving Tunnel road from Domingo avenue, easterly. Work will be done by day-labor with the city's own forces under supervision of City Engineer Harry Goodridge.

Work involves:

(1) 125 c.y. grading;
(2) 10 c.y. grading below subgrade;
(3) 300, c.y. crusher-run base;
(4) 260 c.y. bituminous macadam pavement;
(5) 1500 c.y. asphalt concrete surf.;
(6) 1100 sq. ft. brick sidewalk relay;
(7) 2000 sq. ft. concrete sidewalk;
(8) 450 sq. ft. concrete driveway, reconstruct;
(9) 2460 l.f. concrete curbs and gutters;
(10) 740 l.f. highway guard fence;
(11) 12 curb inlets;
(12) 1 catchbasin, reconstruct;
(13) 205 l.f. 10-in. corru. iron pipe culvert;
(14) 100 l.f. 12-in. do;
(15) 1101.f. 15-in do;
(16) 300 l.f. conduit and cables, remove and relay;
(17) 100 l.f. new conduit in place;
(18) 100 l.f. new cable in place.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal. —Morgan Bros., 5919 Maywood Ave., Huntington Park, at $1203.50 submitted low bid to State Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, for about six miles of liquid asphalt treatment in San Bernardino County between 3.8 miles easterly and 9.8 miles easterly of the westerly boundary on the Big Pines road.

The work involves 145 tons liquid asphalt SC-2, in place.

Complete bids follow:

Morgan Bros., Huntington Park: (1) $8.30; total, $1203.50.

Gilmore Oil Co., Los Angeles: (1) $9.68; total, $1403.60.

Paulsen & Marsh, Riverside: (1) $9.70; total $1406.50.

CONTRACT AWARDED

MARIN CO., Calif. — E. A. Forde, 640 Redhill Ave., San Anselmo, at $12,620 awarded contract by the Board of Supervisors for applying oil and screenings on portions of various county roads.

CONTRACT AWARDED

SONOMA COUNTY, Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $3,112.50 awarded contract by the State Highway Commission, Sacramento, for applying seal coat on about 3.2 miles between Cloverdale and the northerly boundary of Sonoma County.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Basich Bros., 20550 Normandie Avenue, at $71,074.50 awarded contract by the State Highway Commission, Sacramento, for road-mix surface treatment and applying seal coat on about 42.6 miles in San Bernardino County, between the northerly boundary and Baker.

CONTRACT AWARDED

SNOHOMISH CO., Wash.—Goodfellow Bros., Wenatchee, at $236,864 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Sept. 10 for 2.9 miles clearing, grading, draining, surfacing with crushed stone, and constructing timber framed trestle, Sec. B, Public Works Project No. 7713.

Siems-Spokane Co., at $256,428 submitted second low bid, and Myers & Goulter, Seattle, at $256,946 submitted third low bid.

CONTRACT AWARDED

CHELAN COUNTY, Wash.—F. G. Redmon, Yakima, at $48,633 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, Sept. 10, for 6.2 miles ballasting and surfacing with crushed stone, Federal Aid Project No. 190-C.

R. C. Dail and Warren Bros., Aberdeen, at $50,979 submitted second low bid. L. Romano Engr. Corp., Seattle, at $52,590 were third low

31 — PIPE LINES & WELLS

CONTRACT AWARDED

OGDEN, Utah.—American Concrete and Steel Pipe Co., 4635 Firestone Blvd., Los Angeles, at $331,653.30 was awarded contract by the Ogden City Commission for installing 27,000 lin. ft. of reinforced concrete pipe from Ogden Canyon to the municipal reservoir. Bids were opened Sept. 4.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

MARIN COUNTY, Cal.—Until Sept. 23, 11 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for the construction of a sewage disposal system at the County Farm.

The work involves:

(1) 64 c.y. Class A Portland cement concrete in place ,including 3 16-in. manholes;
(2) 3,850 lbs. reinf. steel in place;
(3) 450 c.y. sand and gravel (filter bed);
(4) 300 l.f. 6-in. cast iron sewer pipe, including one 16-in. manhole;
(5) 139 l.f. 4-in. cast iron sewer pipe including three gate valves;
(6) 220 l.f. 6-in. drain tile;
(7) 1.05 MBM all heart redwood lumber.

Plans and specifications obtainable from County Surveyor Rodney Messner, Court House, San Rafael.

BIDS WANTED

SAN FRANCISCO. — Until Oct. 2, 2:30 P. M., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,883 for reconstructing the sewer in Army St. between Church and Dolores Streets. Estimated cost $3,100.

The work involves:

(1) 610 l.f. 12-in. VCP sewer in place
(2) 130 l.f. 15-in. do;
(3) 20 l.f. remove 3x5-ft. brick sewer
(4) one brick manhole complete;
(5) 2 each brick manholes ,frames & covers furnished);
(6) one drop manhole (do);
(7) 34 each 12x6-in. wye branches;
(8) 4 each 15x6-in. wye branches;
(9) 75 l.f. 10-in. VCP culvert in place

Specifications obtainable from City Engineer John J. Casey, Room 351 City Hall, upon $10 cash deposit.

33— WATER WORKS

BIDS WANTED

SACRAMENTO, Cal.—Until Sept. 26 8:15 P. M., bids will be received by Sacramento City Council, City Hall, for furnishing cast iron pipe in accordance with specifications adopted by the council, Sept. 12, and one filed in the office of the city clerk.

Proposal forms may be obtained on application to City Clerk H. G. Denton.

BIDS OPENED

SAN FRANCISCO. — Peter J. McHugh, 863 Valencia St., at $22,288.65 submitted low bid to Public Utilities Commission for laying 6- and 8-inch cast iron mains in the Twin Peaks District, San Francisco Water Department Spec. No. 83.

The work involves:

(1) 18,270 l.f. excavation and backfill for 6- and 8-in. pipe; trench 17x36-in.;
(2) 290 c.y. additional excavation and backfill;
(3) 650 sq. yds. additional pavement removal and replacement;
(4) 14,260 l.f. installing 6-in. B & S cast iron pipe;
(5) 4,010 l.f. installing 8-in. do;
(6) 18,470 lbs. installing fittings, gate valves, etc.;
(7) 2,450 l.f. making B&S joints;
(8) 25,880 sq. ft. repavement.

Complete bids follow:

(A) Peter J. McHugh	$22,288.65
(B) W. J. Tobin	23,301.80
(C) W. C. Akard	25,475.85
(D) Lowrie Paving Co.	26,201.90
(E) MacDonald & Kahn Ltd.	26,267.90
(F) E. J. Treacy	36,437.75
(G) Robt. B. McNair	36,677.50

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$.67	$.70	$.85	$.85	$.90	$1.475	$1.40
(2)	1.50	1.60	2.00	1.00	.10	2.00	2.00
(3)	.28	.40	.35	.30	.20	.35	.33
(4a)	.15	.10	.09	.07	.15	.10	.15
(4b)	17	.12	.10	.08	.17	.10	.20
(5)	.015	.03	.015	.02	.01	.015	.03
(6)	.20	.35	.50	.30	.61	.30	.35
(7)	.225	.25	.23	.30	.20	.225	.23

BIDS OPENED

SAN FRANCISCO. — Bids received by T. A. Brooks Purchaser of Supplies, for furnishing two Venturi Meters for the Crystal Springs Pipe Line. No. 2; Spec. No. 1433:

(1) one Venturi meter for use at Crystal Springs Dam;
(2) One do for use at University Mound Reservoir.

Bulkiers' Iron Foundry, 120 Market St., (1) $2711; (2) $2717.
Bailey Meter Co., Sharon Bldg., (1) $2298; (2) $2268.
Simplex Valve and Meter Co., (1) $12343; (2) $2362.

CONTRACT AWARDED

SAN FRANCISCO.—U. S. Pipe and Foundry Co., Monadnock Bldg. at $98-106.20 awarded a contract by T. A. Brooks, Purchaser of Supplies, for furnishing cast iron water pipe for the San Francisco Water Department; Bid No. 1418.

Contract involves:
(1) 134,000 l.f. 6-in. cast iron water pipe;
(2) 15,000 l.f. 8-in. do.

BIDS OPENED

CAMARILLO, Ventura Co., Calif.—E. C. Nickel, 912 Micheltorena Street, Los Angeles, at $87,700 submitted low bid to Geo. B. McDougall, State Architect, Sacramento, for constructing services at the Camarillo State Hospital, involving:

Water main, steam and return lines, gas lines, sewer and water systems, electrical services and ground lighting.

Complete bids follow:

E. C. Nickel, Los Angeles	$87,700
M. R. Carpenter, Sacramento	95,295
Marko Matick, Los Angeles	97,075
A. & R. Const. Co., Hynes	97,800
Scott Co., San Francisco	98,727
Mike Radich, Los Angeles	112,900

BIDS OPENED

SAN FRANCISCO.—Lowrie Paving Co., 1540 Sixteenth Street, at $19,358.30 submitted low bid to the Public Utilities Commission for laying 6- and 8-inch cast iron mains in the University Mound District, San Francisco Water Department Spec. No. 82.

The work involves:
(1) 25,590 lin. ft. excavation and backfill for 6-in. and 8-in. pipe, trench 17-in. by 36-in.;
(2) 400 cu. yds. additional excavation and backfill;
(3) 880 sq. ft. additional pavement removal and replacement;
(4) Installation of pipe:
(a) 22,980 lin. ft. 6-in. B & S cast iron pipe;
(b) 2610 lin. ft. 8-in. B & S cast iron pipe;
(5) 28,540 lbs. installing fittings, gate valves, etc.;
(6) 3310 lin. ft. making joints, B & S;
(7) 35,060 sq. ft. repavement.

Complete bids follow:

(A) Lowrie Paving Co.	$19,358.30
(B) Pacific States Const. Co.	19,836.30
(C) W. J. Tobin	22,188.10
(D) Chas. L. Harney	23,947.06
(E) MacDonald & Kahn Ltd.	24,062.80
(F) M. J. Lynch	24,214.55
(G) Eaton & Smith	25,189.64

Unit prices follow:

	(A)	B)	(C)	(D)	(E)	(F)	(G)
(1)	$.25	$.35	$.35	$.444	$.43	$.33	$.47
(2)	.50	.65	1.00	1.00	.10	1.00	.50
(3)	.30	.30	.30	.335	.20	.45	.32
(4a)	.07	.07	.08	.06	.15	.06	.08
(4b)	.08	.09	.09	.07	.17	.065	.08
(5)	.02	.01	.02	.02	.01	.02	.01
(6)	.30	.42	.35	.30	.50	.60	.33
(7)	.26	.195	.25	.25	.20	.31	.264

BIDS OPENED

SANTA CRUZ, Cal.—Bids received by Santa Cruz City Council for furnishing cast iron pipe and fittings to municipal water department, including the following items:
(1) 512 lin. ft. Class 150 cast iron pipe, 8-in. diameter;
(2) 666 lin. ft. do, 10-in. diameter;
(3) 200 lin. ft. do, 4-in. diameter;
(4) 2 tees 4x10x10-in.;
(5) 3 tees 4x8x8-in.;
(6) 1 reducer, 8x14-in.;
(7) 1 cross 8x8x14-in.;
(8) 1 wye, 6x6x4-in.;
(9) 1 wye 6x6x6-in.;
(10) 1 45-degree bend, 4-in.;
(11) 1 45-degree bend, 6-in.

R. E. Olson Co., Oakland, $146.85 (fittings); Mueller Co., San Francisco, $304.42 (fittings); American Cast Iron Pipe Co., San Francisco, $2879.26 (pipe); U. S. Pipe & Foundry Co., San Francisco, $2717.65 (pipe); Johns-Manville Co., San Francisco, submitted unit prices not totalled.

Bids taken under advisement until September 30.

BIDS OPENED

SANTA CRUZ, Cal.—Bids received by Santa Cruz City Council for furnishing valves and valve boxes to municipal water department including the following items:
(1) 8 6-inch adjustable valve boxes, with top, box and sleeve;
(2) 1 4-in. standard double gate valve
(3) 1 6-in. do:
(4) 1 4-in. horizontal check valve.

Crane Co., San Francisco, $69.66 (valves); Water Works Supply Co., San Francisco, $68.96 (valve boxes and valves); Rensselaer Valve Co., San Francisco, bid unit prices not totalled.

Bids taken under advisement until September 30.

BIDS OPENED

SANTA CRUZ, Cal. — R. E. Olson Co., Oakland, at $170.28 submitted low bid to Santa Cruz City Council for furnishing supplies to municipal water department as follows:
(1) 1 610 pounds Leadite;
(2) 50 lbs. ¾-in. braided hemp packing.

Delivery fob City Corporation Yards Santa Cruz.

(1) Compound water meter 3x¾-in., Model C.I. all-bronze type or equal, as made by Hersey Mfg. Co., of South Boston, Mass.

Water Works Supply Co., San Francisco, bid $210.63.

Bids taken under advisement until September 30.

BIDS OPENED

SANTA CRUZ, Cal. — American Brass & Copper Co., Oakland, at $289.53 submitted the only bid to Santa Cruz City Council for furnishing copper pipe and fittings to municipal water department, including the following:
(1) 1,330 l.f. ¾-in. copper [illegible] outside diameter [illegible] ness 0.065 with ASTM [illegible] specifications;
(2) 53 corporation stops with [illegible] coupling nuts, size ⅝-in.;
(3) 53 ground key curb stops without check, size ⅝-in.
(4) 53 three part unions copper to copper, ¾-in.

Bids taken under advisement until September 30.

34 — PARKS AND PLAYGROUNDS

September 16, 1932

BIDS WANTED

ROSEVILLE, Placer Co., Cal.—Until Sept. 26, 2 P. M., bids will be received by Wm. McLaughlin, Custodian, Roseville post office, for seeding and planting the grounds at the post office, Roseville. 24

BIDS WANTED

VALLEJO, Solano Co., Cal.—Custodian of Vallejo post office has been authorized to call for bids for installing lawn sprinkling system

BIDS WANTED

NOGALES, Arizona.—Until Sept. 26 bids will be received by the Custodian, Immigration Station, Nogales, for seeding and planting the grounds at the Immigration Station, Nogales.

BIDS WANTED

WALLA WALLA, Wash. — Until Sept. 30 bids will be received by the Custodian, U. S. post office, Walla Walla, for seeding and planting the grounds at the U. S. post office at Walla Walla.

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until Sept. 24 bids will be received by the Custodian, U. S. post office, Santa Paula, for seeding and planting the grounds at the U. S. post office at Santa Paula.

CONTRACT AWARDED

SAN FRANCISCO—Hjul Christensen, at $157 awarded contract by the Custodian, Post Office, San Francisco, for seeding and planting the grounds at the Post Office, 7th and Mission Streets.

Contractors' Building Equipment

DEWALT Electric Power Saws, 1- to 15-h.p.
Gas Power Saws—Electric Hand Saws, cut five inches
Tile, Stone and Metal Cutting Machines
Band Saws, Jointers, Electric Drills
SELL OR RENT—EASY TERMS

DeWALT MACHINERY, LTD.

255 TWELFTH STREET, OAKLAND, CALIF.
TEmplebar 1273 - Night 'Phone FRuitvale 2338M

AMERICAN ROOF TRUSS COMPANY

(Largest Exclusive Truss Corporation)

AMERICAN WOOD BOWSTRING TRUSSES
Trusses Designed and Erected up to 150 feet — Service Without Delay
MOODY J. HENRY
132 Bancroft Road, Burlingame - Phone Burlingame 3141-J

Section 4364, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c
Per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

$350,000 State Highway Work Advertised

Report August Permits 61% over Last Year

Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

OCT. 28, 1935

Vol. XVIII—No. 39

WAPPAT Electric TOOLS

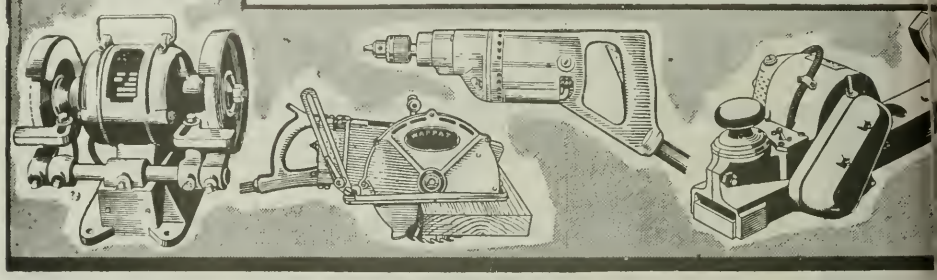
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., SEPTEMBER 28, 1935 No. 39

August Permits Highest Since Nov. 1931; 61% Over Last Year, Bradstreet Reports

Building activity in August continued substantially higher than a year ago. The value of building permits issued in 215 cities of the United States, as reported to Dun & Bradstreet, Inc., reached a total of $55,536,546 last month, or the largest since November, 1931. This compared with $54,191,787 in July, an increase of 2.5 per cent, or slightly more than the normally expected gain of one per cent at this time. The August total compared with $34,-452,738 for the same month of 1934, a rise of 61.2 per cent.

The group totals of building permit values for the 215 cities for August, this year and last, together with the percentage changes, are shown in the following table:

Groups	August 1935	August 1934	Chge. %
New Eng.	$3,875,334	$3,099,565	+ 28.3
Mid. Atl.	17,552,128	13,553,650	+ 29.5
So. Atl.	6,146,998	3,790,717	+ 62.2
East Ctl.	9,336,527	5,498,902	+ 69.8
South Ctl.	6,543,440	2,131,022	+207.0
West. Ctl.	2,908,381	1,940,098	+ 49.9
Mountain	769,243	411,086	+ 87.2
Pacific	8,304,489	4,027,698	+106.2
Ttl U. S.	$55,536,546	$34,452,738	+ 61.2
N. Y. C.	$12,193,007	$ 9,917,284	+ 23.0
Outside N. Y. C.	$43,343,539	$24,535,454	+ 76.7

In comparison with a year ago, the August permit figures showed particular improvement in South Central and Pacific sections, which turned in gains of 207.0 and 106.2 per cent, respectively. The Mountain, East Central and South Atlantic divisions likewise showed marked betterment, while the Middle Atlantic and New England groups also made moderate gains.

The July to August comparisons were more evenly divided, four groups advancing and four declining. The groups showing advances were South Central, 56.1 per cent; New England, 30.5 per cent; Pacific, 8.4 per cent; and Middle Atlantic, 7.0 per cent. Declines were as follows: Mountain, 54.7 per cent, West Central, 42.5 per cent; East Central, 5.6 per cent, and South Atlantic, 1.6 per cent.

The building construction record for 1935 has made remarkable progress since the low levels reached in 1933. The contemplated expenditures for building during the first eight months of 1935 in the 215 cities amounted to $362,972,432, as compared with $235,736,911 in the same period of last year, and $202,-297,272 two years ago, when the building industry was at its worst. The improvement over last year was widespread, all sections of the country showing gains, with the South Central, Pacific and Mountain groups reporting increases of over 100 per cent.

The record of permit values by groups for the eight months of 1935 and 1934 for the 215 cities, follows:

Groups	Eight Months 1935 August	Eight Months 1934 August	% Chge.
New Eng.	$23,658,088	$22,331,819	+ 5.9
Mid. Atl.	115,596,721	88,635,977	+ 30.4
So. Atl.	40,818,203	26,800,630	+ 52.3
East. Ctl.	57,120,127	32,512,712	+ 75.7
So. Ctl.	35,180,007	16,891,067	+108.3
West Ctl.	22,541,120	15,241,695	+ 47.9
Mtn.	7,419,949	3,670,225	+102.2
Pacific	60,638,217	29,652,786	+104.5
Ttl U. S.	$362,972,432	$235,736,911	+ 54.0
N. Y. C.	$ 83,599,826	$ 59,378,535	+ 40.8
Outside N. Y. C.	$279,372,606	$176,358,376	+ 58.4

L. A. SCHOOLS GET PWA INSTALLMENT

First payment by PWA on a new $22,500,000 loan and grant to Los Angeles for school reconstruction is announced by Col. Horatio B. Hackett, assistant administrator. A check for $218-854 was delivered to the Los Angeles Board of Education as the initial installment.

Allotment of $22,532,727 to the school district was announced September 5 by PWA. This loan and grant will enable Los Angeles to complete reconstruction and replacement of school buildings damaged or demolished by the earthquake of March 10, 1933. The rebuilding program was commenced in 1934 with a $10,000,000 loan and grant from PWA.

ASK BIDS FOR $350,000 STATE HIGHWAY WORK

Advertise Solano, Los Angeles Jobs Under New Program

SACRAMENTO, Sept. 24.—Bids were authorized today by the State Division of Highways for two major construction contracts, for which $350,000 of 1935-1936 funds have been programmed.

Figures will be received in Sacramento, October 16, for grading and paving 3.8 miles between Fairfield and Vacaville in Solano County. Alternative proposals for paving with portland cement concrete and asphalt concrete are invited. This contract is one advertised in the previous biennial program, but bids were rejected after suit was instituted to test validity of the alternate paving bid law. Although the act has since been repealed the department is taking alternative figures. The sum of $202,000 has been allotted to this project.

In Los Angeles on October 17 the department will receive bids for grading and paving with asphalt concrete 1.5 miles in Los Angeles county between Verdugo Rd. and Flintridge Country Club. For this project $150,000 is allotted.

TECHNICAL PRESS LISTS NEW TITLES

Three new titles are announced by the Sherwood Press of Cleveland, Ohio, in their series of technical and engineering books. They are: "Practical Acoustics for the Constructor," by C. W. Glover, member, Acoustical Society, and lecturer on Acoustics at Regent St. Polytechnic, London; "Modern Surveying for Civil Engineers," by Harold Frank Birchal, former chief construction engineer to the Kenya and Uganda railways; and "The Flow of Water in Pipes, Sewers and Channels, Over Weirs and Off Catchments," by George Branshy Williams, former chief engineer, Public Health Department, Government of Bengal.

For further information address the Sherwood Press, Box 2617, Lakewood Branch, Cleveland, O.

New Bond Regulations on Public Works Contracts to Take Effect Next Month

The Miller dual bond act (H.R. 8519) passed in the closing days of the first session of the 74th Congress, was signed by the President August 24 and will become effective after expiration of sixty days from that date. Text of the new law, which supersedes the Head Act, which has governed public construction work for many years, follows:

An Act. requiring contracts for the construction, alteration, and repair of any public building or public work of the United States to be accomplished by a performance bond protecting the United States and by an additional bond for the protection of persons furnishing material and labor for construction, alteration, or repair of said public buildings or public work.

Be it enacted by the Senate and House of Representatives of the U. S. of America in Congress assembled,

That (a) before any contract, exceeding $2,000 in amount, for the construction, alteration or repair of any public building or public works of the United States is awarded to any person, such person shall furnish the United States the following bonds, which shall become binding upon the award of the contract to such person, who is hereinafter designated as "contractor":

(1) A performance bond with a surety or sureties satisfactory to the officer awarding such contract, and in such amount as he shall deem adequate, for the protection of the United States.

(2) A payment bond with a surety or sureties satisfactory to such officer for the protection of all persons supplying labor and material in the prosecution of the work provided for in said contract for the use of each such person. Whenever the total amount payable by the terms of the contract shall be not more than $1,000,000 the said payment bond shall be in a sum of one-half the total amount payable by the terms of the contract. Whenever the total amount payable by the terms of the contract shall be more than $1,000,000 and not more than $5,000,000, the said payment bond shall be in a sum of 40 per centum of the total amonut payable by the terms of the contract. Whenever the total amonut payable by the terms of the contract shall be more than $5,000,000 the said payment bond shall be in the sum of $2,500,000.

(b) The contracting officer in respect of any contract is authorized to waive the requirement of a performance bond and payment bond for so much of the work under such contract as is to be performed in a foreign country if he finds that it is impracticable for the contractor to furnish such bonds.

(c) Nothing in this section shall be construed to limit the authority of any contracting officer to require a performance bond or other security in addition to those, or in cases other than the cases specified in sub-section (a) of this section.

Section 2. (a) Every person who has furnished labor or material in the prosecution of the work provided for in such contract, in respect of which a payment bond is furnished under this Act and who has not been paid in full therefor before the expiration of a period of ninety days after the day on which the last of the labor was done or performed by him or material was furnished or supplied by him for which such claim is made, shall have the right to sue on such payment bond for the amount, or the balance thereof, unpaid at the time of institution of such suit and to prosecute such action to final execution and judgment for the sum or sums justly due him: Provided, however, That any person having direct contractual relationship with a subcontractor but no contractual relationship express or implied with the contractor furnishing such payment bond shall have a right of action upon the said payment bond giving written notice to said contractor within ninety days from the date on which such person did or performed the last of the labor or supplied the last of the material for which such claim was made, stating with substantial accuracy the amount claimed and the name of the party to whom the material was furnished or supplied or for whom the labor was done or performed. Such notice shall be served by mailing the same by registered mail, postage prepaid, in an envelope addressed to the contractor at any place he maintains an office or conducts his business, or his residence, or in any manner in which the United States marshal of the district in which the public improvement is situated is authorized by law to serve summons.

(b) Every suit instituted under this section shall be brought in the name of the United States for the use of the person suing, in the United States District Court for any district in which the contract was to be performed and executed and not elsewhere, irrespective of the amount in controversy in such suit, but no such suit shall be commenced after the expiration of one year after the date of final settlement of such contract. The United States shall not be liable for payment of any costs or expenses of any such suit.

Section 4. The term "person" and the masculine pronoun as used throughout this Act shall include all persons, whether individuals, associations, copartnerships or corporations.

Section 5. This Act shall take effect upon the expiration of sixty days after the date of its enactment, but shall not apply to any contract awarded pursuant to any invitation for bids issued on or before the date it takes effect, or to any persons or bonds in respect of any such contract. The Act entitled "An Act for the protection of persons furnishing materials and labor for the construction of public works", approved August 13, 1894, as amended (U. S. C. Title 40, Sec. 270), is repealed, except that such Act shall remain in force with respect to contracts for which invitations for bids have been issued on or before the date this Act takes effect, and to persons or bonds in respect of such contracts.

STATE FACTORY PAYROLLS GAIN, NOLAN REPORTS

August Employment, Payrolls Over Preceding Month And Last Year

Continued gains in employment and payrolls during August as compared with both the preceding month and August, 1934, were reported to State Labor Commissioner Edward L. Nolan by California manufacturing establishments, the September issue of the California Labor Market Bulletin shows.

August factory employment was 0.7 percent higher than in August last year and 15.3 percent better than in July 1935. Payrolls were 10.4 percent over August 1934 and 15.2 percent greater than in July.

Among groups of industries showing the largest gains in August as compared with the same month last year were wood manufacturers, including furniture and fixtures, with payrolls up 40 percent and employment 17.9 percent higher; and stone, clay and glass products, with 17.6 percent higher payrolls and 4.5 percent more employees.

Single industries reporting increases over August 1934 included structural and ornamental steel, with employment up 5 percent and payrolls 30.6 percent: planing mills and sash and door factories, with 16.3 percent more employees and 36.9 percent higher payrolls; and brick, tile and pottery, with employment 34.9 percent greater and payrolls up 53.2 percent.

Employment in the lime, cement and plaster industry dropped 23 per cent and payrolls were 14.8 percent lower in August as compared with the same month last year.

Wholesale and retail trade reported August employment 10.2 per cent better and payrolls 10.4 per cent higher than in the same month last year.

$600,000 LODI POWER PLANT WORK RUSHED

Council Orders Plans For Mokelumne Hydro-electric Development

A bond issue of $466,000 voted less than a month ago to construct a hydro-electric plant for the city of Lodi will be offered for sale September 30 by the city council. Meanwhile the council has directed City Engineer Clinton Henning to proceed immediately with preliminary plans for construction.

Work to be done includes construction of a dam and hydro-electric plant at a site on the Mokelumne river, twenty-seven miles east of the city, a transmission line connecting with the existing municipally-owned distribution system and a Diesel stand-by plant.

A PWA grant of 30 percent of the cost has been allocated to the city from old funds, making available nearly $600,000 for construction.

Northwest Mill Inventories Low; Increase Production

Production, orders and shipments of lumber from the Douglas fir mills were reported normal for the week ending September 14, in statistics compiled by the West Coast Lumbermen's Association.

The association reports:

"Inventories are low in comparison to demand, being 27.8 per cent less than at this time last year, while shipments are unusually heavy. The new business taken this year to date is 21.5 per cent in excess of the amount in the similar period of last year. With stocks low and many items scarce, pressure is placed on production so that shipments may go forward in time, the mills advancing cutting schedules both to accommodate customers and to fill depleted stocks.

"The rail trade continued during the week to furnish the industry with its most active market. The Atlantic Coast and California trades, which were extremely active during August and early September, have slackened off somewhat."

IDEN APPOINTED A.I.S.C. SECRETARY

V. Gilmore Iden, acting secretary of the American Institute of Steel Construction for the past year, has been named secretary by directors of the institute. Mr. Iden joined the staff of the institute in 1927 to become its director of public relations.

$11,000,000 FEDERAL BUILDING FOR L. A.

Working drawings are being prepared on the two largest buildings planned for the Pacific Coast by the Treasury Department. Both will be located in Los Angeles. Together they will cost nearly $11,000,000.

The Federal office building will cost $8,000,000, being 19 to 22 stories and covering a ground area of 140,000 square feet. It will be steel frame with granite exterior. Plans are to be completed by December 15 and a call for bids will be issued shortly thereafter.

A four-story working post office building is to be erected at Alameda and Macy Streets at a cost of $2,900,000. Working drawings have been started and condemnation proceedings to obtain title to the site have been insituted.

Plans for both buildings are being prepared by the Treasury Department, Procurement Division. Gilbert Stanley Underwood of Los Angeles, is consulting architect.

REPORT RECORD WEEK FOR FHA REPAIR LOANS

$149,111,551 Borrowed For Modernization Since Start of Program

The Federal Housing Administration reports a record number of insured loans for modernization under $2,000 for the week ended September 14. During the week 25,172 loans worth $8,100,494 were reported, bringing the total number of insured modernization and repair loans under $2,000 recorded by the Administration since the beginning of the program to 401,292 valued at $149,111,551.

Largest number of loans in any previous seven-day period was listed by FHA during the week ended August 31, with 19,550 loans for $6,215,023.

Stating that the total volume of modernization and repair work stimulated by the better housing program far surpasses the loans made, FHA officials estimate that property owners of the country have spent since August 1, 1934, a total of $839,051,389 as a direct result of the program. Estimate of money spent as a result of the program during the week ended Sept. 14 is $30,489,560.

Mortgages selected for appraisal under terms of the National Housing Act during the week ended September 14 totaled 1,572 amounting to $5,513,517. Total number of mortgages selected for appraisal thus far is 42,297 valued at $165,236,197.

OREGON LETTING $1,600,000 ROAD JOBS OCT. 8-9

Two-Day Bid Opening Scheduled; Includes Major Bridge And Grading Projects

A two-day letting of highway contracts, including fifteen projects is scheduled by the Oregon State Highway Commission for October 8 and 9. Bids will be opened at Portland. Estimated cost of the work to be contracted is $1,600,000, according to Chief Engineer R H. Baldock.

Construction of twelve concrete bridges or culverts on the Redmond-Bend section of The Dalles-California highway will be let in one contract. The work is located in Crook and Deschutes counties.

A 288-ft. concrete bridge is to be constructed in Klamath County near Midland crossing the Southern Pacific tracks on the Klamath Falls-Weed route. This is a project financed with Works Program Grade Separation funds.

A contract is to be let for superstructure of the Eagle Creek bridge on Columbia River highway near Bonneville, requiring 1,102,000 lbs. of structural steel.

Major grading projects are in Clatsop county on the Wolf Creek Highway, with an estimated 628,000 cubic yards to be moved; Jackson county on the Pacific Highway where two projects may be bid together with an estimated total yardage of 372,000; Malheur county on the I.O.N. highway two projects also to be bid together, totaling 174,000 yards.

COMP. BLACKBOARD STANDARD APPROVED

The standard for composition blackboard, Simplified Practice Recommendation R75-29 of the National Bureau of Standards, has been reaffirmed without change by the standing committee of the industry, the Division of Simplified Practice reports.

This simplification program, which is concerned with the color, length and width of cement asbestos backing, wood-pulp backing, and gypsum core backing, was originally effective April 1, 1928. The program was revised January 24, 1929, and has continued in effect since that time without change.

Copies of the recommendation may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at five cents each.

IN NEW QUARTERS

Thompson & Holmes Inc., wholesale distributors of household appliances, announce the removal of their offices and warehouse to 2701 Sixteenth Street, San Francisco. The new telephone number is HEmlock 0800.

RULES ISSUED FOR FHA LOAN ON EQUIPMENT

Machinery May Be Installed On Housing Act Credit Terms

Financing of equipment and machinery installations through insured loans as provided in the amended National Housing Act is described in a new booklet now available through the Federal Housing Administration. Increase of the modernization credit feature of the act from a limit of $2,000 to $50,000 and liberalization of the terms were authorized in an amendment passed by the last Congress.

Salient points on eligibility for equipment and machinery are:

"The article should have a unit value sufficient to justify the application of time payments to its purchase. (It is suggested that loans should not be for periods that make any monthly payment less than $5.00.)

"The article should be of a durable nature with a reasonable expectancy of useful life longer than the terms of credit extended for its payment. It must be purchased and installed as a part of the equipment of the structure, or of the business conducted therein, within the United States or its territories or possessions.

"Hand tools, small portable appliances, fragile articles, furniture (unless built-in), furnishings, removable decorations, installations meant to be or by their character necessarily temporary, are ineligible.

"Loans for the purchase and installation of replacement parts for eligible equipment and machinery are insurable, but a loan merely for the repair of a machine is not insurable. For instance, the cost of welding a flywheel may not be made the basis of an insured loan, but the purchase price and installation cost of a new fly-wheel would be insurable.

"Appurtenances that are physically separate from a major eligible unit but are usable only as a part of such unit, are themselves eligible.

"Any item, ineligible because of some disqualifying characteristic, does not become eligible merely because it can be used with an eligible item or is bought therewith."

HIGHWAY RESEARCH MEET IN DECEMBER

The annual meeting of the Highway Research Board of the National Research Council will be held in Washington, D. C., on December 5 and 6, it has been announced by Director Roy W. Crum. Program for the meetings has not yet been announced

Producers Report Increased Demand For Aggregates

Production of building stone for rough construction and of crushed stone for road work showed marked gains in 1934 as compared with the previous year, while high-grade stone production for use in the more expensive types of residential and public buildings declined, an advance summary of data on the stone industries contained in the Minerals Yearbook 1935 reveals.

The total amount of stone reported in 1934 as sold or used by U. S. producers amounted to 92,063,830 tons valued at $98,979,936, an increase of 31 percent in value as compared with the previous cludes solid stone for construction year. Dimension stone, which in- and monumental work, paving blocks, curbing and flagging, amounted to approximately 1,357,210 tons valued at $16,776,889, an increase of four percent in quantity but a decrease of 24 percent in value.

Production of stone for building totaled 9,026,270 cubic feet valued at $8,538,847, about 22 percent less in quantity and 44 percent in value than the 1933 production. Building stone for rough construction, such as irregular face stone and foundation stone, increased for all varieties, but high-grade stone used in the best class of residential and public buildings showed a noticeable decrease in quantity used. Marble decreased 63 percent; sandstone, 49 percent; limestone, 44 percent, and granite, three percent.

Crushed and broken stone production, including stone for concrete and road metal, railroad ballast, road-base, riprap, agricultural limestone and other purposes, amounted to 90,706,620 short tons valued at $82,203,047 in 1934, an increase of 32 percent in quantity and 40 percent in value over the 1933 figures.

Crushed stone aggregates for concrete and road metal totaled 55,244,470 short tons valued at $52,471,430, an increase of 35 percent in quantity and 46 percent in value over 1933. Of the total amount 71 percent was produced by operators of commercial quarries and 29 percent by noncommercial operators. Commercial production was 14 percent greater and noncommercial output more than double that in 1933. The total average value a ton in 1934 was 95 cents as compared with 88 cents in the preceding year.

Production of riprap was 86 percent greater last year than in 1933, the summary shows.

Copies of the Minerals Yearbook 1935, which is compiled by the U. S. Bureau of Mines, will be available about September 30 from the Superintendent of Documents, Government Printing Office, Washington, D. C., at $2.00 each

RECLAMATION OF SHOALS TO START 1938 EXPOSITION

Directors Advised $8,500,000 Allocation To Be Ready Shortly

Assured of financial help from the Federal government, directors of San Francisco Bay's 1938 World's Fair yesterday threw exposition machinery into high gear in preparation for the construction job ahead of them.

Advices that President Roosevelt has approved a WPA allocation of $3,040,120 for reclamation of the fair site at the Yerba Buena Shoals and that additional Federal expenditures for the Exposition totalling $5,505,609 have been approved by the Works Progress Administration and Public Works Administration and only await the President's signature, brought assurances from Exposition officials that no time will be lost in getting the program under way.

Leland W. Cutler, president of San Francisco Bay Exposition, Inc., the official fair organization, said that plans and specifications for the reclamation project are fully drawn, and that with actual receipt of Federal funds, bids will be called for this portion of the project.

Construction of the sea wall to enclose 385 acres of the Shoal, and the sand fill to bring the site above water, can be completed within 12 to 14 months after contracts are awarded, it was asserted. W. P Day, engineer for the Exposition, has completed plans for this section of the work.

The Exposition's architectural commission, headed by George W. Kelham, has already laid out a tentative "block" plan of the grounds and will plunge into the task of designing buildings as quickly as the Exposition directorate establishes the general theme of the Fair.

Meanwhile members of the Exposition's finance committe prepared to outline a campaign to raise private funds to supplement the $8,545,000 Federal program. Several million dollars will be raised in the bay district for this purpose, though it was pointed out that the actual drive for money may not be made for several months.

Besieged by applicants for jobs, Mr. Cutler appealed to them to "hold off" until urgent Exposition affairs now pending can be settled.

"We must concentrate our energies on consummating the Federal grants and getting the project under way," he said. "It probably will be a number of weeks at least before we can offer employment to anyone, and our time and the public's will be saved if we can be spared the necessity of dealing with applicants now."

Cable Spinning on Gate Span to Start In October; Contractor Increasing Crew

With 200 men engaged in laying the catwalks and making other preparations for the spinning of the great 36½-inch cables of the Golden Gate Bridge to commence, more visible activity is underway on each side of the Golden Gate than since the erection of the towers was completed.

As the result of the employment of fifty additional workers on the cable contract, the total employment roll on the bridge proper has jumped to 345. The previous high level of employment in the field was 385.

According to the weekly progress report of Chief Engineer Jos. B. Strauss, on file today for the board of directors of the Golden Gate Bridge and Highway District, the employment roll will touch a new high by the middle of October when the cable spinning will be underway.

During the past week, according to the chief engineer's report, work on the redwood catwalks proceeded without a hitch, despite several foggy days.

As this week's work commences today five "trains" of main span catwalk sections have been run out on their supporting cables from each leg of the San Francisco Tower as far as the cross bridge, which was placed in position at the center of the main span more than a week ago.

From the Marin side two "trains" have been run out from the tower to the center cross bridge, while four "trains" are in position on each side of the Marin span and six "trains" have been run out on each side of the San Francisco side span.

Each of these catwalks, or footbridge "trains" are approximately 100 feet long and made up of ten sections. As the "trains" are made up these sections are fastened together and workers are slid out along the wires on them to fasten them to those that have gone before.

The main span "trains" are being run out from the tops of the tower legs, while those of the side spans are being hauled up from the anchorages.

Meanwhile work is underway this week on the lighting and signal system that the catwalks will carry. This is prescribed by the government and will consist of red, green and white lights to mark the position of the catwalks, as well as the storm system cables, so that they will be visible to both ships and airplanes at night and during foggy periods.

Work on the approach span footings and abutment on the Marin side of the Golden Gate was completed last week and the contractor is preparing to move to the San Francisco side, where work on the approach span piers and abutment was scheduled to commence this week.

On the low viaduct of the Presidio approach road, work is proceeding on schedule, with 1780 ft. of that structure completed at the close of last week's work.

During the past week 1465 tons of rolled material for the suspended structure of the bridge was shipped from the mills to the fabricating shops in the east. This brings the total rolled material shipped to the shops to date to 10,259,000 lbs. Total rolled material completed to date is 27,412,000. Only 9.1 percent of the cable wire, or 1,950 tons, now remain to be drawn in the John A. Roeblings Sons Company plant at Trenton, N. J. Already 19,543 tons of wire have been completed and accepted and 12,313 tons have been shipped here in readiness for spinning

SUPERVISORS ASK AID ON HOSPITAL

Santa Clara county supervisors yesterday telegraphed the President asking reconsideration of the application for a PWA grant toward construction of a hospital addition.

Text of the message follows:

"It is urgent that we have approval of PWA project, California 1058, for addition to the Santa Clara county hospital. Serious overcrowding requires relief. Work is needed for the type of labor which will be employed. We have proceeded in good faith with our application and preparations and it is imperative that we go ahead."

The county asks a grant of $138,172 toward a total cost of $307,050. The application is one of those recently disapproved by Works Progress Administrator Harry Hopkins.

ENGINEER CERTIFICATES ISSUED 20 IN NEVADA

Twenty certificates were issued for practice of civil engineering in the state of Nevada the last meeting of the state board for registering engineers, according to A. R. Thompson, secretary

October 1 is the deadline for receiving applications under the "grandfather clause," the law providing that after that date certificates can be granted only by examination. Geo. W. Malone, chairman, estimates 250 applications will be received prior to that date

FINISH LINING SOFT VEIN IN ISLAND TUNNEL

Balance of Work Through Less Dangerous Material, Purcell Reports

The soft vein through the Yerba Buena Island tunnel has now been entirely encased by a three to four foot thick concrete lining, and the remaining 112 feet of the 540-foot tunnel, which is yet to be lined, is through an area of comparatively good rock, according to the weekly progress report of Chief Engineer C. H. Purcell to be filed with State Director of Public Works Earl Lee Kelly today.

The methods designed for the construction of this tunnel were proved by this test to have been adequate for the job, bridge officials state.

San Francisco

Healy Tibbitts Construction Co. is continuing with the construction of the main approach between Harrison and Bryant Streets, and have placed girders and road slabs farther east than Third Street

Two spans of girders have been poured for the "on" ramp.

Over Rincon Hill, the viaduct paving is now under way.

West Bay Superstructure

Twenty-eight strands have been spun by the Columbia Steel Company on the south walk, one being discarded for damage, and twenty-nine strands have been strung on the north walk.

Yerba Buena Island

A total of 428 feet, or 79 per cent of the Yerba Buena Island tunnel roof, has now been placed by the Clinton Construction Co. Steel arch beams have been set up for a total length of 500 feet, with only 40 feet of roof yet to receive the steel arches. Core excavation continues at the east end of the tunnel.

At the west side of the island, columns which will support the bridge viaduct east of the anchorage are being placed. These columns will also support steel cross beams on which the cable spinning machinery, for the construction of the eastern half of the twin suspension sector, will be set.

East Bay Superstructure

Pile driving has been completed by the Columbia Steel Company for the falsework support of the east anchor arm. In order to secure sufficient rigidity, the bracing on these bents extends from the water surface down nearly to the mud line, and is being placed by divers

The bridge has now been paved from the east end to the center of Span E-4, the most westerly of the 500-foot through truss spans

Alameda County

Construction of cofferdams to encase the retaining walls on the east side of the Administration Building has been started by Clinton Construction Co., contractor

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
971	Doelger	Owner	4000
972	Doelger	Owner	4000
973	Johnson	Owner	3000
974	Oliver	Muller	3000
975	Johnson	Owner	3000
976	Wormser	Jacks	2000
977	Risdon	Risdon	7000
978	Standard	Owner	3000
979	Deak	Owner	1300
980	Arata	Ghezzi	1000
981	Cronin	McCarthy	4000
982	Wuestefeld	——	3950
983	Doelger	Owner	12000
984	Skelly	Rousseau	12000
985	Skelly	Rousseau	12500
986	Sullivan	Risu	1000
987	Besio	Owner	3000
988	Blincoe	Owner	3000
989	Best	Owner	2000
990	Richfield	Monson	1500
991	Omitted	Scarbosio	1000
992	Breu	Owner	1000
993	Stoneson	Owner	3000
994	Stoneson	Owner	3000
995	Stoneson	Owner	3000
996	Tamaki	Owner	1200
997	Keegan	Quinn	4000

DWELLING
(971) W THIRTIETH AVE. 250 S Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Lnc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(972) E THIRTY-FIRST AVE. 100 S Irving St. One-story and base-frame dwelling.
Owner—Henry Doelger Builder, Lnc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(973) E EIGHTEENTH AVE 280 N Wawona St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3000

ALTERATIONS
(974) NO. 1130 MARKET ST. Alter for restaurant.
Owner—Oliver & Radovich, Premises.
Architect—Not Given.
Contractor—Mullen Mnufacturing Co., 60 Rausch St., S. F. $3000

DWELLING
(975) E EIGHTEENTH AVE. 200 S Vicente St. One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3000

ALTERATIONS
(976) 55 FIFTH AVE., alter dwelling.
Owner—Paul Wormser, premises.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market Street. $2,000

FLATS
(977) W FILLMORE 250 N Beach; two - story and basement frame flats.
Owner—Lillie Risdon, 1324 Portola Dr.
Architect—Not Given.
Contractor—Risdon Bros., 1324 Portola Drive. $7,000

DWELLING
(978) E 32nd AVE 100 N Moraga; 1-story and basement frame dwelling.
Owner—Standard Bldg. Co., 1500 Judah Street.
Architect—Not Given. $3,000

ALTERATIONS
(979) 1266 FIFTH AVE.; alter flats.
Owner—M. Deak, 1017 Irving St.
Architect—Not Given. $1,300

ALTERATIONS
(980) 953 LOMBARD; alter dwelling.
Owner—G. Arata, premises.
Architect—Not Given.
Contractor—C. Ghezzi, 2335 Jones St. $1,000

DWELLING
(981) NE KIRKHAM ST. AND 26th Avenue. One-story and basement frame dwelling.
Owner—A. E. Cronin, % Contractor.
Architect—Not Given.
Contractor — Robert McCarthy, 1363 14th Ave., S. F. $4000

ALTERATIONS
(982) NO. 2220-2222 CLEMENT ST. Alter flats.
Owner—George Wuestefeld, Premises.
Architect — E. A. Neumarkel, 2188 Greenwich St., San Francisco
Contractor—Not Let Yet $3950

DWELLINGS
(983) SW THIRTIETH AVE AND Kirkham St.; E 30th Ave 25 and 50 S Kirkham St. Three one-story and basement frame dwellings.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000 each

FLATS
(984) N CARPARA WAY 53 E Avila St. Two-story andn basemet frame flats.
Owner—J. D. and F. Skelly, 321 Kearny St., San Francisco.
Architect—Not Given.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $12,000

FLATS
(984) N CAPRA WAY 53 East Avila Street. Two-story and basement flats.
Owner—J. D. and F. Skelly, 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., S. F. $12,500

ALTERATIONS
(986) NO. 4171 TWENTIETH ST. Alter flats.
Owner—Mr. and Mrs. J. L. Sullivan, Premises.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglas St., San Francisco. $1000

DWELLING
(987) SE WHIPPLE AND MONETA Way. One-story and basement frame dwelling.
Owner—Lorenzo Besio, 450 Lisbon St., San Francisco.
Architect—Not Given. $3000

DWELLING
(988) E FORTY-SECOND AVE. 2[illegible] N Geary St. One-story and basement frame dwelling.
Owner—C. O. Blincoe, 2663 15th Ave San Francisco.
Architect—Not Given. $30[illegible]

WASH RACK
(989) NO. 1900 BRYANT ST. One story frame wash rack.
Owner—The Best Foods, Inc., Prem.
Engineer—K. Theill, 589 Market St. San Francisco. $200

STATION
(990) SE LOMBARD ST. AND VAN Ness Ave. One-story Class [illegible] service station.
Owner—The Richfield Oil Co., 248 Battery St., San Francisco.
Architect—Not Given.
Contractor — John Monson, 268 13th St., San Francisco. $150[illegible]

ALTERATIONS
(991) NO. 1126 STANYAN ST. Alter apartments.
Owner—Omitted, Premises.
Architect—Not Given.
Contractor—John Scarabosio, 710 Wisconsin St., S. F. $1000

ALTERATIONS
(992) NO. 2709 PINE ST. Alter dwlg.
Owner—D. Breu, 2076 Sutter St., San Francisco.
Architect—Not Given. $1000

DWELLING
(993) S CAYUGA ST. 85 E Mount Vernon. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Chas. F. Strothoff, % Owner. $3000

DWELLING
(994) S CAYUGA ST. 100 E Mount Vernon. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Chas. F. Strothoff, % Owner. $3000

DWELLING
(995) S CAYUGA ST. 135 E Mount Vernon. One-story and basement frame dwelling.
Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Chas. F. Strothoff, % Owner. $3000

ALTERATIONS
(996) NO. 1622 BUCHANAN STREET. Alter hotel.
Owner—M. Tamaki, Premises.
Architect—Not Given. $1200

DWELLING
(997) E DOUGLAS ST 73 S 18th St. One-story and basement frame dwelling.
Owner—E. Keegan, 140 Vicksburg St., San Francisco.
Architect—Not Given.
Contractor—A. and B. Quinn, 229 Dolores St., San Francisco. $4000

SAN FRANCISCO
PUBLIC LIBRARY

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
19	Weber	Burritt	2500
20	Cordoza	Jones	1400
21	Dailey	Owner	3400
22	Sexton	Owner	8000
23	Golden	Hopper	2500
24	Lightbody	Owner	3500
25	Harris	Owner	1000
26	Lacey	Owner	5000
27	Hardin	Walker	4500
28	Tryon	Parks	3000
29	Tryon	Parks	4000
30	Trucco	Delucchi	5975
31	Union	Kelly	3000
32	Coker	Owner	1400
33	Hill	Anderson	3990
35	Newsom	Owner	15000
36	Pfrang	Owner	6000
37	Thomas	Allan	3200
38	Slesse	Jensen	2000
39	Brown	Huggard	2000
40	Welland	Michaels	1750
41	Not Given	Rogers	1000
42	Not Given	Rogers	2000
43	Teal	Cone	1800
43	Dowling	Owner	4750
44	Dickson	Moen	3000
45	Scammell	Owner	5250
46	Merritt	Owner	1000
47	Roswell	Owner	4300
48	Hufschmidt	Owner	10000
49	Stuart	Owner	1600
50	Tilton	Owner	6500
51	Brenner	Owner	1000
52	Meers	Melrose	1000
53	McCallan	Papenhausen	9000
54	Owen	Greenlaw	5400
No.	Owner	Contractor	Amt.
55	Holloway	Johanson	3200
56	Oakland	Branagh	12875
57	Hale	Owner	2000
58	Leekins	Leekins	4000
59	Owen	Owner	1350
60	North	Parks	3000

ALTERATIONS
(719) NO. 4238 BROADWAY, **OAKLAND.** Alertrions.
Owner—S. Weber, Premises.
Architect—Not Given.
Contractor — O. L. Burritt, 427 63rd St., Oakland. $2500

ALTERATIONS
(720) NO. 921 THIRTY-EIGHTH ST. **OAKLAND.** Alterations and addition.
Owner—M. R. Cordoza, Premises.
Architect—Not Given.
Contractor—S. W. Jones, 5829 Lawton Ave., Oakland. $1400

ADDITION
(721) NO. 1236 FORTY-FIRST AVE. **OAKLAND.** One-story brick addition.
Owner—F. W. Dailey, 41st Ave. and E-14th St., Oakland.
Architect—Not Given. $3400

DWELLING
(722) 5960 MARGARIDO DR., **OAKLAND;** two-story 8-room dwelling.
Owner and Contractor—J. Sexton, 6100 Taft Ave., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley. $8000

ALTERATIONS
(723) 5827 FOOTHILL BLVD., **OAKLAND;** alteration.
Owner—Golden State Theatre Corp., 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—A. J. Hopper, 1769 Pleasant Valley Ave., Oakland. $2500

DWELLING
(724) 3020 SHEFFIELD AVENUE **OAKLAND;** 1-story 5-room dwelling.
Owner—D. Lightbody, 3400 Morrison St., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(725) 821 12th ST., **OAKLAND;** alterations.
Owner and Builder—Frank and Lucy Harris, 803 Brush St., Oakland.
Architect—Not Given. $1000

STORE
(726) 530 LAKE PARK AVE., **OAKLAND;** one-story brick store.
Owner and Builder—W. S. Lacey, 601 Beacon St., Oakland.
Architect—Not Given. $5000

DWELLING
(727) 650 THE ALAMEDA, **BERKELEY;** 1-story 5-room frame dwelling.
Owner—Sam H. Hardin, 1 Menlo Pl., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $4500

DWELLING
(728) 1194 KEITH, **BERKELEY;** 1-story 4-room frame dwelling.
Owner—R. C. Tryon.
Architect—M. Goodman, 2163 Center St., Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $3000

DWELLING
(729) 1196 KEITH, **BERKELEY;** 1-story 6-room dwelling.
Owner—R. C. Tryon.
Architect—M. Goodman, 2163 Center St., Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $4,000

DWELLING
(730) 570 57th ST., **OAKLAND;** one-story 5-room dwelling.
Owner—F. Trucco, 1406 14th Street, Oakland.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland. $5975

SERVICE STATION
(731) 1585 HOPKINS ST., **OAKLAND;** one-story service station.
Owner—Union Oil Co., Los Angeles.
Architect—Not Given.
Contractor—Robt. P. Kelly, 2227 20th Ave., San Francisco. $3,000

ADDITION
(732 2837 OCTAVIA ST., **OAKLAND;** addition.
Owner and Builder—Cecil G. Coker, 2837 Octavia St., Oakland.
Architect—Not Given. $1400

DWELLING
(733) 953 GROSVENOR PL., **OAKLAND;** one-story five-room dwelling.
Owner—Mary O. Hill, 953 Grosvenor Place, Oakland.
Architect—Not Given.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland. $3990

DWELLING
(735) NO. 1635 LEIMERT BLVD. **OAKLAND.** One-story seven-room dwelling.
Owner—Mrs. Wm. Newsom.
Architect—Wm. E. Schirmer, 910 Bk. of America Bldg., Oakland. $15,000

DWELLING
(736) NO. 5728 AMY DRIVE, **OAKLAND.** One-story six-room dwlg.
Owner—C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given. $6000

DWELLING
(737) NO. 3764 THIRTY-FIFTH AVE. **OAKLAND.** One-story five-room dwelling.
Owner—E. A. Thomas, 3515 California St., Oakland.
Architect—Not Given.
Contractor — James Allan, 6718 Flora St., Oakland. $3200

ALTERATIONS
(738) 1712 BROADWAY, **OAKLAND.** Alterations.
Owner—Pete Slasse.
Architect—Not Given.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $2000

STATION
(739) NO. 3100 SAN PABLO AVE., **OAKLAND.** One-story steel service station.
Owner—Anna Brown, 559 22nd St., Oakland.
Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant St., S. F. $2000

ALTERATIONS
(740) NO. 2331 RUSSELL ST., **BERKELEY.** Alterations.
Owner—Mrs. M. Welland, Prem.
Architect—Not Given.
Contractor — C. Michaels, Route 1, Concord. $1750

ALTERATIONS
(741) NO. 2441 CARLTON ST., **BERKELEY.** Alterations.
Owner—Not Given.
Architect—Not Given.
Contractor—Y. M. Rogers, 1004 Hearst St., Berkeley. $1000

ADDITIONS
(742) NO. 2627 TELEGRAPH AVE., **BERKELEY.** Additions.
Owner—Not Given.
Architect—Not Given.
Contractor—Y. M. Rogers, 1004 Hearst St., Berkeley. $2000

ADDITIONS
(743) NO. 2612 ALCATRAZ AVENUE **BERKELEY.** Additions.
Owner—P. Teal, Premises.
Architect—Not Given.
Contractor—W. C. Cone, 608 16th St., Oakland. $1800

DWELLING
(743) LOT 4 BLK G, Waterside Terrace, **ALAMEDA.** One-story six-room frame and stucco dwelling.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4750

DWELLING
(744) NO. 9812 OLIVE ST., **OAKLAND.** One-story 5-room dwelling and one-story garage.
Owner—W. J. Dickson, 1512 Magnolia St., Oakland.
Architect—Not Given.
Contractor—A. L. Moen, 4201 E-16th St., Oakland. $3000

DWELLING
(745) NO. 3726 ELSTON AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5250

ALTERATIONS
(746) HAWTHORNE AND WEBster Sts., **OAKLAND.** Alterations to Nurses' home.
Owner—Merritt Hospital, Premises.
Architect—Not Given. $1000

DWELLING
(747) NO. 6341 BROADWAY TERrace, **OAKLAND.** Two-story six-room dwelling.
Owner — H. Roswell, 6347 Broadway Terrace, Oakland.
Architect — Chester Treichel, 696 Cleveland Ave., Oakland. $4300

DWELLINGS
(748) NO. 175-191 PERKINS STREET, **OAKLAND.** Two one-story 6-room dwellings.
Owner — Hufschmidt & Whalen, 337 17th St., Oakland.
Architect—Not Given. $5000 each

ADDITION
(749) NO. 670 ARIMO AVE., **OAKLAND.** Addition.
Owner—Wm. A. Stuart, Premises.
Architect—Not Given. $1600

DWELLING
(750) NO. 1934 CARTER STREET, **OAKLAND.** One and one-half-story six-room dwelling.
Owner — Paul C. Tilton, 725 Walker Ave., Oakland.
Architect—Not Given. $6500

STATION
(751) NO. 5939 ADELINE STREET, **OAKLAND.** One-story steel service station.
Owner — Sidney Brenner, 3481 35th Ave., Oakland.
Architect—Not Given. $1000

ALTERATIONS
(752) NO. 6800 OUTLOOK AVENUE, **OAKLAND.** Alterations and addition.
Owner—Geo. Meers, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(753) NO. 5918 MANCHESTER DR., **OAKLAND.** Two-story 8-room dwelling.
Owner—G. W. McCallan, 6004 Auburn St., Oakland.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—H. Papenhausen, 595 Victoria St., S. F. $9000

DWELLING
(754) NO. 412 MICHIGAN STREET, **BERKELEY.** One-story five-room frame dwelling.
Owner—Dr. Delta R. Owen, 2506 Union St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — C. M. Greenlaw, 5975 Keith Ave., Oakland. $5400

(755) NO. 7814 OUTLOOK AVENUE, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—A. F. Holloway, 721 Foothill Blvd., Oakland.
Architect—Not Given.
Contractor—K. A. Johanson, 2832 76th Ave., Oakland. $3200

ALTERATIONS
(756) SE FIFTY-EIGHTH AND Grove Sts., **OAKLAND.** Alterations and repairs.
Owner—Oakland Board of Education, 1025 2nd Ave., Oakland.
Architect — W. G. Corlett, 1025 2nd Ave., Oakland.
Contractor—John E Branagh, 116 Monticello Ave., Piedmont. $12,875

ALTERATIONS
(757) NO. 741-749 E-TWELFTH ST., **OAKLAND.** Alterations.
Owner—M. C. Hale, 739 E-12th Street, Oakland.
Architect—Not Given. $2000

DWELLING
(758) NO. 3233 FLORIDA STREET, **OAKLAND.** One-story five-room dwelling and one-story garage.
Owner—A. B. Leekins, 4481 Moraga Road, Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Road, Oakland. $4000

ADDITIONS
(759) NO. 2720 ELMWOOD AVENUE, **BERKELEY.** Additions.
Owner—D. A. Owen, 2750 Kelsey St., Berkeley.
Architect—Not Given. $1350

DWELLING
(760) NO. 491 VINCENTE STREET, **BERKELEY.** One-story 5-room frame dwelling.
Owner — Lyman H. North, 505 Vincente St., Berkeley.
Architect—Not Given.
Contractor—D. W. Parks, 2536 63rd Ave., Oakland. $3000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
136	Warren	Mattock	17448

RESIDENCE
(136) W KEARNY ST. 31 S Lombard St. All work for three-story residence.
Owner — Whitney Warren Jr., 1404 Montgomery St., San Francisco.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.
Filed Sept. 25, '35. Dated Sept. 20, '35.
On 1st of each month..... 75%
On completion sum sufficient to bring payments to 75% of total
Usual 35 days..... Balance
TOTAL COST, $17,448
Bond, none. Limit, 150 calendar days. Forfeit, $10 per day. Plans and specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
69	Union	Kelly	2780
70	McCallan	Papenhausen	9658

RECONSTRUCTION
(69) ARDLEY and Hopkins Streets, Oakland; reconstruction of service station.
Owner—Union Oil Co., Los Angeles.
Architect—Not Given.
Contractor—Robt. P. Kelly, 2227 20th Ave., San Francisco.
Filed, Sept. 20, '35. Dated, Sept. 6, '35
Five days after completion.....75%
Usual 35 days.....25%
TOTAL COST, $2780
Bond, $2780. Sureties, Coast Surety Corp. Limit, 35 days. Plans and Spec. filed.

RESIDENCE
(70) LOT 35 BLK 6, Rockridge Park, Oakland. Two-story and basement frame and stucco residence.
Owner—G. W. McCallan, 6004 Auburn St., Oakland.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.
Filed Sept. 24, '35. Dated Sept. 20, '35.
Completion of frame work....$2414.50
Brown coated 2414.50
When completed 2414.50
Usual 35 days..... 2414.50
TOTAL COST, $9658.00
Bond, $9658. Sureties, C. W. Higgins and Robt. Bustler. Limit, forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $150; SW Van Ness Ave. and Olive St.; owner, J. B. McDolald, Premises; contractor, Pioneer Elec. Co., 370 Van Ness
ALTER dwelling, $300; 271 Noe St. owner, Mr. Fuitado, Prem.; contractor, J. Scarabosio, 740 Wisconsin St.
ALTER dwelling, $400; 440 Genessee St.; owner, R. Hanlan, Premises
ALTER flats, $312; 303 Caselli; owner. Noo Poe, 303 Caselli St.
ALTER salesroom, $150; 1930 Van Ness Ave.; owner, Royal Floor & Linoleum Co., Premises.
GARAGE, one-story frame, $150; N Lakeview Ave. 50 E Majestic St.;
ALTER funeral home, $240; 635 Pacific Ave.; owner, Associated Funeral Home, Prem.; contractor, R. C. Nelson.
ALTER hotel, $475; 624-632 Post St.; owner, The Hibernia Bank, Jones and McAllister Sts.; contractor, Patterson & Koster Iron Works, 280 13th St.
ALTER stores and apartments, $500; NE Washington and Polk Streets; owner, L. B. Feigenbaum, Mark Hopkins Hotel; contractor, M. Fisher & Son, 1405 Bush St.
ALTER dwelling, $800; 424 Nevada St. owner, J. Totten, Prem.; contractor, E. Thors and W. Weisheimer, 180 Andover St.
ALTER dwelling, $150; 455 Naples St. owner, Arthur Cye, Prem.
ALTER dwelling, $200; 646 Third St.; owner, Cooper, Premises.
SIGN, electric, $200; 57 Eddy Street; owner, Selix Clothing Co., Prem.; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
ALTER store, $325; 201 Ellis Street; owner, J. Yohannon, Prem.; contractor, Royal Showcase Co., 770 McAllister St.

BILLBOARD, $25; N Market 114 W Laguna St.; owner, Foster & Kleiser Co., 1675 Eddy St.
owner, W. J. Reiz, 515 Standard Oil Bldg.
BILLBOARD, $6.25; N Eddy St. 55 W Webster St.; owner, Foster & Kleiser Co., 1675 Eddy St.
ALTER office, $75; 1 Divisadero St.; owner, Holmes Lime & Cement Co., Premises.
ALTER dwelling, $250; 721 Holloway; owner, Mrs. W. Peters, Premises.
SIGN, metal, $90; NW Mission and New Montgomery St.; owner, Piggott Photographer, Prem.; contractor, Laib Sign Co., 7th and Folsom Sts.
FLUE (1) patent, $15; 151 Howth St.; owner, A. Garibaldi, Prem.; contractor, F. C. Johnson, 5240 Mission St.
ALTER flats, $800; 563 3rd Avenue; owner. A. Zachary, 61 Lloyd St.
FLUES (6) patent, $23; 49 Niagara St.; owner, Mr. Romani, Prem.; contractor, John Marshall, 4447 Mission St.
ALTER dwelling, $250; 1852 Buchanan St.; owner, E. H. Boatman, Prem.
SIGN, electric, $75; 272 Claremont St. owner, John G. Moore, Premises; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $200; 135 O'Farrell St.; owner, National Amusement Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER dwelling, $100; 261 Waller St.; owner, Frank Reichmath, Prem.; contractor, Hanson Bros., 5840 Mission St.
ALTER flats, $100; 901 Van Ness Ave.; owner, Schower, Prem.; contractor, Calif. Terrazzo Co., 2085 San Bruno Ave.
SIGN, electric, $100; 1101 Sutter St.; owner, R. B. Court, Prem.; contractor, Neon Sign Service Co., 1707 Folsom St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Equipment

1— APARTMENTS

Owner Taking Segregated Bids.
APARTMENTS Cost, $70,000
BAYWOOD, San Mateo Co., Cal. 3rd Ave. and Eaton Street.
Apartment building (to contain 16 5- and 6-room apts .with one and two baths) wood construction, stucco exterior; hardwood floors; steam heat; shingle tile roof; tile baths.
Owner and Builder—Michael J. Ryan, care architect.
Architect—Angus McSweeney, 604 Mission St., San Francisco.
Segregated bids are being taken on all portions of the work.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO. No. 1126 Stanyan Street.
Alterations to apartments.
Owner—Withheld.
Architect—Not Given.
Contractor—John Scarabosio, 740 Wisconsin St., San Francisco.

To Take Sub-Bids.
APARTMENTS Cost, $125,000
SAN FRANCISCO. South Line Jackson St. 90 W Laguna.
Seven-story apartment building (28 4-room apts) colored tile baths, stall showers, frigidaires, steel frame and concrete construction; hardwood floors, tar and gravel roof gas heat.
Owner and Builder—A. Penziner, 750 Taylor St., San Francisco.
Architect—Not Given.
Mr. Penziner will commence taking sub-bids in about two weeks.

2— BONDS

BONDS SOLD
LOS ANGELES, Calif.—The Metropolitan Water District has sold to the Reconstruction Finance Corp. bonds of district in the sum of $12,096,000. This makes the total of the bonds sold to the government $67,096,000. The $12,096 000 will finance construction until Jan. 1, 1936. 2

TO SELL BONDS
LODI, San Joaquin Co., Cal.—Until Sept. 30, 8 P. M., bids will be received by Lodi City Council, J. F. Blakely, City Clerk, for sale of an issue of $466,000 in general obligation bonds to finance construction of the Lodi hydro-electric project.

4— FACTORIES & WAREHOUSES

Sub-Contracts Awarded.
FACTORY Cost, $175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemours & Co. (W. J. Sohlinger, Mgr.), 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner Wilmington, Del.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Ready-Mix Concrete—South City Lbr. & Supply Co., South San Francisco.
Glass—W. P. Fuller & Co. 301 Mission St., San Francisco.
Plumbing and Heating—Jas. A. Nelson, Inc., 10th and Howard Sts., San Francisco.
Other awards reported Sept. 12.

Construction Started.
ADDITIONS Cost, $——
MODESTO, Stanislaus Co., Calif.
Additions to present milk producing plant (concrete walls, steel stairway, composition roofing, steel sash, some equipment, etc.)
Owner—Milk Producers Assn. of Central California, 510 Ninth Street, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
The owner will buy materials for the work.

Contract Awarded.
SHED Cost, $1500
SANTA ROSA, Sonoma Co., Calif.
Shed adjacent to brewery.
Owner—Grace Bros. Brewing Co., 2nd and Wilsoi Sts., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Steel Trusses — Western Iron Works, 141 Beale St., San Francisco.

Plans Being Completed
DAIRY Cost, $20,000 including equipment
SAN RAFAEL, Marin Co., Cal. Mary Street near Fourth.
One - story reinforced concrete dairy and bottling plant (50x100 ft.)
Owner—Roberts Dairy, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked in about 1 week.

Sub-Contract Awarded
FACTORY Cost, $175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemours & Co. (W. J. Sohlinger, Mgr.), 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner Wilmington, Del.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Structural Steel Erection—Steel Erectors, Consolidated, Ltd., 47 Hubbell St., San Francisco.
Other sub-contract awards reported Sept. 12, 19 and 20.

Contract Awarded
WAREHOUSE Cost, $35,000
FRESNO, Fresno Co., Calif. H and Ventura Avenue.
Warehouse (147x216-ft.) brick walls and cement floor, loading platform garage.
Owner—Better Buy Wholesale Grocery, Inc.
Architect—Not Given.
Contractor—W. T Harris Co., 577 McKinley Ave., Fresno

Contract Awarded
PACKING HOUSE Cost, $20,000
EXETER, Tulare Co., Calif.
Rebuilding packing house (80x140-ft.) and repairs to cold storage plant.
Owner—Exeter Fruit Assn. (Nelson Roper, Mgr.)
Architect—Not Given.
Contractor—T. B. Runciman, Route 1, Box 1180, Exeter.
The old packing house was destroyed by fire on Sept. 20 and the cold storage plant damaged.

To Be Done By Owner's Forces
SHED Cost, $35,000
ROSEVILLE, Placer Co., Calif.
Corrguated iron milt type shed bldg. (open sides) to house work of heavy repairs to tracks.
Owner—Pacific Fruit Express Co., 85 Second St., San Francisco.
Plans by Engineering Dept. of owner. Work will be done by the company's own forces.

Contract Awarded.
WAREHOUSE Cost, $14,282
STOCKTON, San Joaquin Co., Calif. Edison Street and Weber Ave.
One-story brick warehouse addition. (178x123 ft.) and loading dock (39 x100 ft.) to replace one destroyed by fire.
Owner—Taylor Milling Co., Premises.
Architect—Not Given.
Contractor—Western Industrial Engineering Co., 1626 Long Beach Ave., Los Angeles.

5— FLATS

Contract Awarded
FLATS Cost, $7,000
SAN FRANCISCO. W Fillmore 250 N Beach Street.
Two-story and basement frame flats.
Owner—Lillie Risdon, 1324 Portola Dr
Architect—Not Given.
Contractor—Risdon Bros., 1324 Portola Drive.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO. No. 4171 20th St.
Alterations to flats.
Owner—Mr. and Mrs. J. L. Sullivan, Premises.
Architect—Not Given.
Contractor—E. O. Risu, 528 Douglas St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO. N Carpa Way E Avila Street.
Two-story and basement frame flats.
Owner—J. D. and F. Skelly, 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.

Contract Awarded
FLATS Cost, $12,500
SAN FRANCISCO. E Capra Way and Avila.
Two-story and basement frame flats.
Owner—J. D. and F. Skelly, 321 Kearny Street.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $3,000
OAKLAND, Alameda Co., Calif. 1585 Hopkins Street.
One-story steel service station.
Owner—Union Oil Co., Los Angeles.
Architect—Not Given.
Contractor—Robt. P. Kelly, 2227 20th Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $2,780
OAKLAND, Alameda Co., Calif. Ardley and Hopkins Streets.
Alterations to service station.
Owner—Union Oil Co., Los Angeles.
Architect—Not Given.
Contractor—Robert Kelly, 2227 20th Ave., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $6000
SAN FRANCISCO. NW Claremont Blvd. and Ulloa Street.
One-story Class C service station.
Owner — General Petroleum Corp. of Calif., Higgins Bldg., Los Angeles
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.

Contract Awarded
SERVICE STATION Cost, $2,000
OAKLAND, Alameda Co., Calif. 3100 San Pablo Avenue.
One-story steel service station.
Owner—Anna Brown, 589 22nd Street, Oakland.
Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant St., San Francisco.

Low Bidder
SERVICE STATION Cost, $2000
BERKELEY, Alameda County, Calif. Dwight Way and Grove Street.
Remodel service station building.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Low Bidder—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Contract Awarded
GARAGE Cost, $——
SAN JOSE, Santa Clara Co., Calif. First and Keyes Streets.
One-story steel garage (20x30-ft.)
Owner—Charles Chapman.
Architect—Not Given.
Contractor — H. T. Gettins Co., 830 Market Street.

Contract Awarded
SERVICE STATION Cost, $3,500
SUISUN, Solano Co., Calif.
Super service station and garage (40x70-feet).
Owner—Engell.
Architect—Not Given.
Contractor—W. S. Bickford and Paul Athey, Suisun.

Contract Awarded.
ADDITION Cost, $——
SAN FRANCISCO. Second and Howard Streets.
Addition to one-story steel super service station.
Owner—P. G. Lund.
Architect—Not Given.
Steel Building—H. T. Gettins Co., 830 Market St., San Francisco.

To Be Done By Day's Work.
SERVICE STATION Cost, $1000
OAKLAND, Alameda Co., Cal. No. 5939 Adeline Street.
One-story steel service station.
Owner and Builder—Sidney Brenner, 3481 35th Ave., Oakland.
Architect—Not Given.

Contract Awarded.
SERVICE STATION Cost, $1500
SAN FRANCISCO. SE Lombard St. and Van Ness Ave.
One-story Class C service station.
Owner—Richfield Oil Co., 248 Battery St., San Francisco.
Architect—Not Given.
Contract—John Monson, 268 13th St., San Francisco.
Steel Building—H. J. Gettins Co., 830 Market St., San Francisco.

Contract Awarded.
GARAGES Cost, $2500
FRESNO, Fresno Co., Cal. No. 3750 Nevada Street.
Garages.
Owner—W. S. Johnson.
Architect—Not Given.
Contractor—J. L. Scherer, 2902 Olive St., Fresno.

To Be Done By Day's Work.
GARAGE Cost, $1,755
FRESNO, Fresno Co., Cal. 3159 East Tulare St., Fresno.
Garage.
Owner and Builder—R. G. Pirie, 3669 Kerckhoff St., Fresno.
Architect—Not Given.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
VALLEJO, Solano Co., Calif.—Patterson Bros., 2059 Webster St., Oakland, at $848 awarded contract by the Treasury Dept., Washington, D. C., for painting plaster, etc., in the Vallejo post office.
Complete bids published Sept. 11.

CONTRACT AWARDED
LONG BEACH, Cal.—A. M. Gelden, 1240 N Wells St., Chicago, at $3,372 awarded contract by the Treasury Department, Washington, D. C., for painting plaster, etc., in the Long Beach post office.

BIDS WANTED
Bids Wanted—To Close October 28.
POST OFFICE Cost, $——
HAYWARD, Alameda Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Bid Opening Postponed Until October 4th, 1 P. M.
POST OFFICE Cost, $——
NEWBERG, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office. On previous bid opening lowest bid was submitted by Hoffman Const. Co., 715 Columbia St., Portland, at $36,870.
Bid opening date was previously set for September 27.

New Bids Asked—To Close Oct. 24.
POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Calif. Sylvan St. bet. Van Nuys Blvd. and Vesper Street.
One -and two-story reinforced concrete post office building (tile roof steam heat, etc.; 72x64-ft.)
United States Post Office Building.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
On previous bid opening lowest bid was submitted by Schuler & McDonald, Oakland, at $49,500.

PLANNED
LOS ANGELES, Cal.—W. E. Reynolds, assistant director of the Procurement Division of the Treasury Department, last week stated that the division would probably call for bids by the first of next year for the construction of the new Federal office building at Temple and Main Streets. The contract for the erection of the new structure will also cover the demolition of the existing building.

Complete Bid Listing.
POST OFFICE Cost, $71,500
WHITTIER, Los Angeles Co., Calif. Washington Ave. and Bailey St.
U. S. Post Office Building.
Owner—United States Government.
Architect — R. L. Warren, Emporium Bldg., Whittier.
Low Bidder—L. F. Dow Co., 1243 25th St., Santa Monica.
Complete bids follow:

L. F. Dow Co., Santa Monica		$71,347
	Alt. A, deduct	500
	Alt. B, deduct	400
	Alt. C, deduct	800
T. A. Beyer Corp., L. A.		$75,345
	Alt. A, deduct	650
	Alt. B, deduct	400
	Alt. C, deduct	600
Wesco Const. Co., L. A.		$76,785
	Alt. A, deduct	380
	Alt. B, deduct	400
	Alt. C, deduct	650
G. F. Campbell Co. and Charles Kelly, Los Angeles		$77,896
	Alt. A, deduct	400
	Alt. B, deduct	500
	Alt. C, deduct	700
Schuck Const. Co., Ltd., L. A.		79,250
	Alt. A, deduct	700
	Alt. B, deduct	600
	Alt. C, deduct	675
Robt. E. McKee, Los Angeles		$79,700
	Alt. A, deduct	500
	Alt. B, deduct	800
	Alt. C, deduct	800
R. E. Campbell, Los Angeles		$85,300
	Alt. A, deduct	550
	Alt. B, deduct	410
	Alt. C, deduct	630
V. O. Brunzell and Alex Jacobsen, Los Angeles		$86,400
	Alt. A, deduct	450
	Alt. B, deduct	610
	Alt. C, deduct	790
W. R. Ware, Whittier		$87,500
	Alt. A, deduct	780
	Alt. B, deduct	700
	Alt. C, deduct	893

BUILDING MATERIALS APPROVED
PITTSBURG, Contra Costa Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Pittsburg. Oliver S. Almlie, 135 W. Tenth St., Pittsburg, general contractor:
Back water cesspools, Josam Mfg. Co.; lighting distribution panel, Bull-Dog Elec. Products Co.; rubber-covered wire, Collyer Insulated Wire Co.; receptacles and flush switches, Arrow-Hart & Hegeman Elec. Co.; pendant switch, Pass & Seymour; glassware, Gill Glass & Fixture Co., and Inland Glass Works; boiler, Kewanee Boiler Corp.; air valves for ends of steam mains, Hoffman Specialty Co.; lighting fixtures, Mutual Metal Mfg. Co.

BUILDING MATERIALS APPROVED
KINGMAN, Arizona—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Kingman, Arizona. Robert E. McKee, El Paso, Texas, general contractor:
Plumbing fixtures, Crane Co.; electric water coolers and drinking fountain, Kelvinator Corp.; water supply pipe, National Tube Co.; pressure reducing valve on water supply McAlear Mfg. Co.; backwater cesspools, Thos. F. Butler; nonconducting covering for plumbing, Philip Carey Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, Crane Co.; non-con-

ducting covering for heating, Philip Carey Co.; angle radiator valves, Crane Co.; air valves for radiators and air valves for ends of steam mains, Hoffman Specialty Co.; rubber-covered wire, receptacles and flush switches General Elec. Co.; pendant switches, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Co.; lighting fixtures, Perfeclite Co.; lighting distribution panel, Frank Adam Electric Co.

BUILDING MATERIALS APPROVED

LAURIER, Wash.—Treasury Department, has approved the following building material and equipment awards for the construction of the inspection station at Laurier, Wash. Grover C. Gorsuch, Laurier, Wash., general contractor.

Air valves for radiators and for ends of steam mains, Hoffman Specialty Co.

BUILDING MATERIALS APPROVED

HUNTINGTON BEACH, Orange Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Huntington Beach. L. F. Dow Co., 414 Rowan Bldg., Los Angeles, general contractor.

Pendant switches, Pass & Seymour; glassware, Gill Glass & Fixture Co., and Moe-Bridges Corp.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; indirect water heater, M. P. Heater Co.; lighting fixtures, Perfeclite Co.

BUILDING MATERIALS APPROVED

HUNTINGTON PARK, Los Angeles Co., Cal.—Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at Huntington Park. G. F. Campbell Bldg. and Chas. F. Kelly, 340 Byrns Bldg., Los Angeles, general contractors.

Rubber-covered wire, Crescent Wire & Cable Co.; relief valve, Mueller Co

SAN DIEGO, Cal.—Until Oct. 3, 11 A. M., bids will be received by the Public Works Officer, 11th Naval District, foot of Broadway, San Diego, under Spec. No. 8062, for roof covering and miscellaneous building repairs at the Naval Operating Base (Fuel Depot) San Diego.

Plans and specifications obtainable from the above office upon deposit of $10.00.

BIDS WANTED

SAN DIEGO, Cal.—Until October 1, 11 A. M., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8063, for painting quarters "A" and "B" at the Naval Operating Base (Fuel Depot), San Diego.

Specifications obtainable from the above office upon deposit of $10.

PREPARING WORKING DRAWINGS

LOS ANGELES, Cal.—Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., has started preparation of working drawings for the new working post office building to be erected at Alameda and Macy St., Los Angeles. It will be a four-story, steel frame structure, costing approximately $2,900,000. Gilbert S. Underwood, member of the Federal Beard of Architects, is consulting architect for the project. The government has started condemnation proceedings against the Los Angeles Union Terminal Co., on whose property it is proposed to erect the building.

CONTRACT AWARDED

PASCO, Wash.—Newman Bros., McMinnville, Oregon, at $469 awarded contract by the Treasury Department Washington, D. C., for painting plaster, etc., at the Pasco post office.

CONTRACT AWARDED

ST. JOHNS, Ore.—Adolph Johnson, Portland, at $489 awarded contract by the Treasury Department, Washington, D. C., for painting plaster, etc., in the St. Johns post office.

CONTRACT AWARDED

PETALUMA, Sonoma Co., Calif.—Pacific Painting and Decorating Co., 5414 Telegraph Ave., Oakland, at $1,090 awarded contract by the Treasury Department, Washington, D. C., for painting the plaster, etc., in the Petaluma post office.

CONTRACT AWARDED

PORTERVILLE, Tulare Co., Cal.—Patterson Bros., 2059 Webster Street, Oakland, at $817 awarded contract by the Treasury Dept., Washington, D. C. for painting plaster, etc., in the Porterville post office.

CONTRACT AWARDED

PORTLAND, Ore.—George Isackson Worcester Bldg., Portland, at $7,495 awarded contract by the Veterans' Administration, Washington, D. C., for alterations to Building No. 4, Veterans' Administration Facility at Portland.

CONTRACT AWARDED

HANFORD, Kings Co., Cal.—Nick Hemminga, 627 38th Ave., San Francisco, at $675 awarded contract by the Treasury Dept., Wachington, D. C., for interior and exterior painting at the Hanford post office.

CONTRACT AWARDED

SANTA ROSA, Sonoma Co., Calif.—Patterson Bros., 2059 Webster Street, Oakland, at $920 awarded contract by the Treasury Dept., Washington, D. C., for painting plaster in the Santa Rosa post office.

CONTRACT AWARDED

GRASS VALLEY, Nevada Co., Cal.—Nick Hemminga, 627 38th Ave., San Francisco, at $1,150 awarded contract by the Treasury Dept., Washington, D. C., for miscellaneous repairs and painting of Grass Valley post office.

CONTRACT AWARDED

PORTLAND, Oregon—Otis Elevator Co., Washington, D. C., at $6,097 was awarded contract by Veterans' Administration, Washington, D. C., for alterations to elevators in Building No. 4 at the Veterans' Administration Facility, Portland.

Contract Awarded

POST OFFICE Cont. Price, $55,000
SOUTH PASADENA, Los Angeles Co.
One-story U. S. Post Office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Sarver & Zoss, 1015 West Fourth St., Los Angeles.

CONTRACT AWARDED

SAN YSIDRO, San Diego Co., Cal.—Jesse B. Worthington, San Diego, at $1,289 awarded contract by the Treasury Dept., Washington, D. C., for painting the plaster, etc., in the San Ysidro post office.

Complete bids published Sept. 11.

Contract Awarded

POST OFFICE Cont. Price, $86,993
GRANTS PASS, Oregon.
United States Post Office Building.
Owner—United States Government
Plans by Supervising Architect of the Treasury Dept., Washington, D.C
Contractor—Consolidated Engr. Corp., care F. D. Hill Co., Tacoma

Bids Wanted—To Close Oct. 24, 1 P.M

POST OFFICE Cost $9,600
MADERA, Madera Co., Calif.
United States Post Office Building
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C

Plans and specifications obtainable from Treasury Department, Washington, D. C.

PREPARING WORKING DRAWINGS

LOS ANGELES, Cal.—Treasury Department, Procurement Division, Public Works Branch, Washington, D. C. has started the preparation of working drawings for the new Federal office building to be erected at Spring, Temple and Main Sts., in Los Angeles. Gilbert S. Underwood, a member of the Federal Board of Architects, is consulting architect for the project. The building will be from 19 to 22 stories in height, will cover an area of approximately 140,000 square feet and will be a steel frame structure faced with granite. The cost will amount to more than $8,000,000, an increase of $2,000,000 over the allocation made available in the second deficiency bill signed by President Roosevelt in August. The site has frontages of 525 feet on Spring and Main Sts. and a frontage of 300 feet on Temple St. Plans will be completed about December 15 and bids for the construction of the building will be called for around January 1, the contract to include the demolition of the existing post office and several small structures on New High Street According to present plans the main post office will be located in this building instead of in the working post office, as was originally proposed. (7990)

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Following bids received by U. S. Bureau of Prisons, San Francisco, for building guard tower and for miscellaneous alterations to buildings at the U. S. Penitentiary, Alcatraz Island:

(A) Leo Epp, 4745 Geary Street, San Francisco.
(B) Fred J. Early, Jr., 369 Pine St., San Francisco.
(C) Wm. Spivock, 544 Golden Gate Ave., San Francisco.

Bids were taken as follows:

(1) for building one steel frame guard tower complete on roof of Bldg No. 82;

(1a) alternate to item (1) substituting shatter-proof glass in tower half of tower instead of clear double-strength glass;

(2) alterations to Building No. 64, first floor, east end, to complete seven new apartments;

(3) alterations to Building No. 64, third floor, to complete one new apt.;

(4) alterations to Buiklings Nos. 28 and 4 to complete three new apartments;

(4a) alternate to item (4) same as above except add for extension of Bldg. No. 86, waiting room on Wharf No. 33;

(5) alterations to Building No. 64 first floor center, to complete nine new single rooms and stair from first floor to basement;

(6) alterations to Building No. 64, first floor, west end, to complete four new single rooms;

(7) alterations to Building No. 64, first floor, west end, to complete five new single rooms;

(8) alterations to Building No. 81,

building the walls and ceilings of apartments 11-ft. high instead of 14-ft. high as at present; (a) (b) (c) (d) and (e) add for alterations as indicated in specifications;

(9) placing new finished floors in three apartments and transom vent in partition;

(9a) alternate to item (9) substituting oak for Oregon pine floors;

(10) alternate bid for alterations to Building No. 64, first floor, removing present lavatories from basement and placing in single room on first floor. (a) (b) and (c) add for alterations as indicated in specifications.

Complete bids follow:

	(A)	(B)	(C)
(1)	$8,566	$7,245	$11,180
(1a)	8,656	7,345	11,295
(2)	12,432	13,233	15,897
(3)	1,856	1,762	2,337
(4)	5,290	6,255	6,653
(4a)	6,090	6,944	8,369
(5)	2,890	4,358	3,779
(6)	1,145	1,747	1,616
(7)	1,445	2,640	1,975
(8a)	210	1,800	160
(8b)	55	250	37
(8c)	155	770	140
(8d)	50	310	47
(8e)	65	390	75
(9)	425	685	- 1,343
(9a)	505	875	1,600
(10a)	750	707	850
(10b)	370	342	413
(10c)	440	409	499

Bids taken under advisement.

CONTRACT AWARDED

PRESCOTT, Ariz.—Merrill P. Wilson Co., Bona Allen Bldg., Atlanta, Ga., at $2,000 awarded contract by the Treasury Dept., Washington, D. C., for painting the plaster, etc., in the U. S. post office at Prescott.

Complete bids published Sept. 11.

CONTRACT AWARDED

RENO, Nev.—D. Zelinsky and Sons Inc., 165 Grove St., San Francisco, at $2,378 awarded contract by Treasury Dept., Washington, D. C., for painting the plaster, etc., in the Reno post office.

Complete bids published Sept. 11.

Bids Wanted—To Close October 24.

POST OFFICE Cost, $50,600
MADERA, Madera Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Complete Bid Listing

POST OFFICE Cost, $85,800
VENTURA, Ventura Co., Calif.
Two - story post office building, 129x93 feet (concrete walls, exposed concrete exterior, tile roof, vaults, concrete piles, marble and tile work, ornamental iron, skylights, one-pipe low pressure steam heating system, etc.)
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C
Low Bidder—Wesco Const. Co., 2,000 Hyperion Ave., Los Angeles, $98,-900.00.
Complete bids follow:
Wesco Const. Co., Los Angeles: $98-900; (Alt. A) deduct $5,500; (Alt. B) deduct $300.
Contracting Engineers, Inc., L. A: $106,000; (Alt. A) $6,000; (Alt. B) $100.
Harvey A. Nichols, Los Angeles: $110,145; (Alt. A) $6,000; (Alt. B) $300.
Schuler & McDonald, Oakland: $133-000; (Alt. A) $4,000; (Alt. B) $200.

BIDS OPENED

FARALLON ISLANDS, Cal.—Hammer-Bray Co., 26th Ave. and E-12th St., Oakland, at $823.70 submitted the only bid received by the Public Works Officer, U. S. Navy Yard, Mare Island, for furnishing and installing 5 oil burning stoves complete, including piping, flue connections and fuel tank at the U. S. Naval Direction Finder Station, Farallon Islands; Spec. No. 8048.

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until October 18, 12 M., bids will be received by the Custodian of the Vallejo Post Office for a lawn sprinkling system. J. J. Madigan, Postmaster.

Bids Wanted — To Close October 28, 1:00 P. M.

POST OFFICE Cost, $——
HAYWARD, Alameda Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
One set of plans and specifications obtainable from the Supervising Architect, Treasury Dept., without charge to prospective bidders.

Sub-Contracts Awarded.

MINT Cont. Price, $935,000
SAN FRANCISCO. Duboce Ave., Hermann, Buchanan and Webster Sts.
Four - story structural steel frame mint (207.9x185.1 feet) reinforced concrete floor slabs; exterior concrete walls with stone or terra cotta facing; reinforced concrete vaults, composition or asphalt block roofing, 5-in. steel studded plaster partitions, special lighting fixtures, elevators, vault doors).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C. and Gilbert S. Underwood, 408 S. Spring St., Los Angeles.
Contractor—Clinton Construction Co., 923 Folsom Street.
Hollow Metal—Fire Protection Products Co., 1101 16th Street.
Ornamental Iron and Steel—F. Kern & Sons, 517 6th St.
Ornamental Aluminum and Bronze Windows — Federal Ornamental Iron & Bronze Co., 16th St. and San Bruno Ave.
Painting—D. Zelinsky & Sons, Inc., 165 Grove Street.
Vaults—Hermann Safe Co., Howard and Main Streets.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard Street.
Roofing—Alta Roofing Co., 976 Indiana Street.
Architectural Terra Cotta—Gladding, McBean & Co., 660 Market St.
Stone—McGilvray Raymond Corp., 3 Potrero Avenue.
Tile—Sunset Tile Co., 2219 Irving St.
Overhead Doors—Price Bldg. Specialties Co., 683 Howard Street.
Other sub-contracts awarded reported August 20 and September 3.

Complete Bid Listing

POST OFFICE Cost, $49,000
BAKER, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—Hoffman Const. Co., 715 SW Columbia, Portland, $48,830.
Complete bids follow:
Hoffman Const. Co., Portland: $48,-834; Alt. A, add $1,679.
MacDonald Const. Co., St. Louis: $49,155; Alt. A, add $550.
Dougan-Hammond Const. Co., Portland: $52,885; Alt. A, add $1,000.

9— HOSPITALS

SITE SELECTED

BELLINGHAM, Wash. — Reported United States Public Health Service has selected site at Bellingham for erecting West Coast Psychiatric Hospital to cost $2,225,000. Funds have not yet been appropriated.

Sub-Bids Wanted

FLATS Cost, $14,000
SAN FRANCISCO. 23rd and Judah.
Two flats (4 rooms and 1 tile bath each) stucco exterior, hardwood floors, gas hot air heat
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Carl Olson, 1495 18th Ave.
The contractor is taking sub-bids on all portions of the work

BIDS OPENED

LOS ANGELES, Cal.—Concrete Engineering Co., 1450 Mirasol St., Los Angeles, submitted low bid to the Los Angeles county supervisors Sept. 23, at $15,596 (using steel frame screens and bronze wire cloth) for screening exterior windows of the new acute unit at the General Hospital, 1200 N. State St., Los Angeles. The bids were:

Concrete Engr. Co., Proposal A

Concrete Engineering Co., Proposal A (steel frame screens), (1) with bronze wire cloth, $15,596; (2) with aluminum wire cloth, $16,065; (3) with Inconel wire cloth, $19,845. Proposal B (aluminum frame screens) (1) with aluminum wire cloth, $19,669; (2) with Inconel wire cloth, $22,413.

Felix, Krueper & Co., (1) $18,375; (2) $19,600; (3) $22,700. Proposal B, (1) $25,800; (2) $28,900.

Automatic Tension Screen Co., Inc., Proposal A (1) $21,635.75; (2) no bid; (3) $25,900. Proposal B, no bids.

PREPARING PLANS

SAN PEDRO, Los Angeles Co., Cal.—G. G. Dowey, 140 Wapello Lane, Altadena, is preparing plans for a hospital building to be erected in San Pedro for Dr. Forrest E. Dowey and associated, 3158 Wilshire Blvd., Los Angeles. Upon completion of plans, bids will be taken by Carl Fishburn who makes his headquarters at Dr. Dowey's office in Los Angeles. The building will be a reinforced concrete structure and will provide about 100 beds. Cost estimated at $150,000.

To Be Done By Day's Work.

ALTERATIONS Cost, $1000
OAKLAND, Alameda Co., Cal. Hawthorne and Webster Streets.
Alterations to nurses' home.
Owner and Builder—Merritt Hospital.
Architect—Not Given.

BIDS WANTED

KERN COUNTY, Cal.—Until Oct. 7, 11 A. M., bids will be received by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Bakersfield, for installing steam heating and hot water system in the Keene Preventorium at Keene, Kern County. Plans and specifications prepared by Architect Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

Specifications may be obtained at the office of the architect on deposit of $10.00.

12— POWER PLANTS

ENGINEER APPOINTED

PALO ALTO, San Mateo Co., Cal.—City Council has commissioned Lester S. Ready, San Francisco, consulting engineer, to make a survey to determine the cost of building a plant capable of generating the city's entire electric power requirements.

COMPLETE BID LISTING

MARE ISLAND, Calif.—Foundation Waterproofing Co. and Joseph Casey, Chicago, at $36,137 (as previously reported) submitted low bid to Bureau of Yards & Docks, Navy Dept., Washington, D. C., Sept. 18 for re-setting

two boilers, consisting of the removal of boiler settings, raising two boilers of approximately 1000-hp. each, new settings with air-cooled walls and appurtenances, at Central Power Plant, Navy Yard, Mare Island, under Spec. No. 8033.

Foundation Waterproofing Co. and Jos. P. Casey, Chicago	$36,137
C. C. Moore Co., S. F.	40,966
Barrett & Hilp, S. F.	43,956
Herman Lawsen, S. F.	44,400
General Engr. & Drydock Co., San Francisco	46,358

COMPLETE BID LISTING

NAVAJO CAPITAL, N. M. — Fairbanks Morse & Co., New York City, at $38,510 (as previously reported) with alternate deduction of $2,660, submitted low bid to the Interior Department, Purchasing Officer, Washington, D. C., Sept. 19, under Proposal 897, for furnishing, and installing Diesel electric generating equipment for the Navajo Capital power plant, N. M.

Complete bids follow:

Fairbanks, Morse & Co., New York City, $38,510 alternate, deduct $2,660.

Cooper Bessemer Co., Mt. Vernon, Ohio: $45,620 alt., deduct $4,750.

Industrial Power Equipment Co., Baltimore, Md.: $46,661 alt., deduct $3,000.

Forney Engr. Co., Dallas, Texas: $51,630 alt., deduct, $4,700.

Stearns Rogers Mfg. Co., Denver, Colo.: $52,000 alt., deduct, $2,000.

LOW BIDDER

MARE ISLAND, Cal.—Ideal Electric Mfg. Co., Mansfield, Ohio, at $99,870 submitted low bid to the Navy Dept., Bureau of Yards & Docks, Washington, D. C., for furnishing four 600-kw. motor-generator sets and switchboards at the Navy Yard, Mare Island; Spec. No. 7992.

Second low bid was submitted by Fairbanks, Morse & Co., New York City at $102,780.

COMPLETE BID LISTING

NAVAJO CAPITAL, N. M.—Industrial Heating & Engineering Co., Milwaukee, Wis., at $56,632, as previously reported, submitted low bid to the Interior Department, Purchasing Officer, Washington, D. C., Sept. 19, under Proposal 897, for furnishing boilers and auxiliary equipment for the Navajo Capital power plant.

Bids were taken as follows:

Alt. a, deduct; Alt. b, deduct; Alt. c, deduct; Alt. d, add; Alt. 3, ad.

Complete bids follow:

Industrial Heating & Engineering Co., Milwaukee, Wis.: $56,632; (a) $13,340; (b) $3020; (c) $880; (d) no bid; (e) no bid.

Gary Plumbing & Heating Co., Gary, Pa.: $62,850; (a) $12,600; (b) $2350; (c) $500; (d) $2950; (e) $2000.

Industrial Piping & Engr. Corp., Baltimore, Md.: $63,949; (a) $14,700; (b) $2700; (c) $690; (d) $1200; (e) $800.

Frederick Page Contracting Co., New York City: $68,632; (a) $15,689; (b) $2888; (c) $630; (d) $3280; (e) $2200

Economy Plumbing & Heating Co., Chicago, Ill.: $73,000; (a) $9070; (b) $2650; (c) $527; (d) no bid; (e) no bid.

Industrial Power Equipment Co., Baltimore, Md.: $76,361; (e) $16,000; (b) $1600; (c) $550; (d) $2500; (e) $1700.

Forney Engineering Co., Dallas, Tex.: $78,246; (a) $16,300; (b) $3400; (c) $350; (d) $2100; (e) $400.

E. Keeler Co., Williamsport, Pa.: $78,257; (a) $16,384; (b) $2796; (c) $606; (d) $340; (e) $227.

Lohman Bros., Los Angeles: $79,700; (a) $15,000; (b) $2800; (c) $600; (d) $3000; (e) $2300.

H. Sand Co., Inc., New York City: $79,890; (a) $16,000; (b) $2500; (c) $359; (d) $2000; (e) $1100.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

SAUSALITO, Marin Co., Cal.—Until Oct. 1, 8 P. M., bids will be received by the Sausalito City Council, W. Z. Tiffany, City Clerk, for the laying and installing of guaranteed PABCO linoleum, jaspe type ⅜ and ⅛ gauge, in the public library.

Specifications obtainable from above office.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until October 7, 8 P. M., bids will be received by the San Rafael City Council, Eugene W. Smith, City Clerk, for roofing the San Rafael Municipal Baths Building and City Hall.

Specifications obtainable from the above office.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—J. H. Davies, structural engineer, Ocean Center Bldg., Long Beach, and Geo. Kahrs, architect, 1224 Linden Avenue, Long Beach, have been commissioned to prepare plans for a 2-story and basement, Veterans' Memorial building to be built at the northeast corner of Fifth and Alamitos Sts. It will cover an area of 134x144 ft. The basement will contain kitchen, lounge and storage rooms; first floor will have an auditorium to seat 600 people, offices and toilets, and the second floor will contain offices, toilets, kitchens, halls, etc. Construction will be of frame, reinforced concrete exterior walls, etc. Estimated cost $250,000.

Plans Completed.

CITY HALL & FIRE HOUSE $15,000

CORNING, Tehama Co., Cal.

Two-story concrete building to house city offices and fire house; 1st floor concrete; 2nd, linoleum over wood; steel sash, steam heating plant, composition roofing.

Owner—City of Corning.

Architect—W. E. Coffman, Forum Bldg., Sacramento.

Application has been filed with the PWA for aid in financing.

CONTRACT AWARDED

SAN FRANCISCO—West Coast Wire & Iron Works, 861 Howard St., at $127 awarded contract by the Department of Public Works, City Hall, for removing existing Kalamein door and installing new sheet steel and glass door and side panel on the fifth floor of the Hall of Justice passenger elevator.

BOND ELECTION

MILL VALLEY, Marin Co., Cal.—Mill Valley City Council has set Nov. 5 as the date of an election to vote $30,000 in bonds to aid in financing construction of the new city hall estimated to cost $54,000. The city will ask for a government grant of $24,000.

14— RESIDENCES

Contract Awarded

RESIDENCE Cost, $2,500

FRESNO, Fresno Co., Cal. 3744 Nevada Street.

Residence.

Owner—W. S. Johnson.

Architect—Not Given.

Contractor—J. L. Scherer, 2809 Olive St., Fresno.

Contract Awarded.

RESIDENCE Cost, $4000

OAKLAND, Alameda Co., Cal. No. 3233 Florida Street

One-story residence (5 rooms) and garage.

Owner—A. B. Leckins, 4181 Moraga Road, Oakland.

Architect—Not Given.

Contractor—C. W. Leckins, 4181 Moraga Road, Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $2,000

PALOMAR PARK, San Mateo County, Cal. Palomar Drive.

Residence.

Owner and Builder—Charles Williams, 732 Neuchatel, Burlingame.

Architect—Not Given.

Contract Awarded.

RESIDENCES & GARAGE $3200

OAKLAND, Alameda Co., Co. No. 7814 Outlook Avenue.

One-story residence (5 rooms) and garage.

Owner—A. F. Holloway, 7621 Foothill Blvd., Oakland.

Architect—Not Given.

Contractor—K. A. Johanson, 2832 76th Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $3000

BERKELEY, Alameda Co., Cal. No. 491 Vincente Street.

One-story frame residence (5 rooms)

Owner — Lyman H. North, 505 Vincente St., Berkeley.

Architect—Not Given.

Contractor—D. W. Parks, 2536 63rd Ave., Oakland.

To Be Done By Day's Work.

RESIDENCES Cost, $3000 each

SAN FRANCISCO. S Cayuga St. 85, 110 and 135 E Mt. Vernon St.

Three one-story and basement frame residences.

Owner—Stoneson Bros., 1630 Ocean Ave., San Francisco.

Architect—C. F. Strothoff, c/o Owner.

To Be Done By Day's Work.

RESIDENCE Cost, $5250

OAKLAND, Alameda Co., Cal. No. 3726 Elston Avenue.

One-story residence (6 rooms).

Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.

Architect—Not Given.

Contract Awarded.

RESIDENCE Cost, $3000

OAKLAND, Alameda Co., Cal. No. 9812 Olive Street.

One-story residence (5 rooms) and garage.

Owner—W. J. Dickson, 1512 Magnolia St., Oakland.

Architect—Not Given.

Contractor—A. L. Moen, 4201 E-16th St., Oakland.

To Be Done By Day's Work.

RESIDENCE Cost, $3000

SAN FRANCISCO. E Forty-second Ave. 275 N Geary Street.

One-story and basement frame residence.

Owner & Builder—C. O. Blincoe, 2663 15th Ave., San Francisco.

Architect—Not Given.

To Be Done By Day's Work.

RESIDENCE Cost, $3000

SAN FRANCISCO. SE Whipple St. and Moneta Way.

One-story and basement frame residence.

Owner and Builder—Lorenzo Besio, 450 Lisbon St., San Francisco.

Architect—Not Given.

Preparing Working Drawings. ....
COTTAGE Cost, $5000
SANTA ROSA, Sonoma Co., Cal.
Six-room cottage, wood frame, shingle roof, hardwood floors, gas heating system, etc.
Owner—Mrs. John Maroni.
Architect—J. I. Easterly, 310 Exchange Bank Bldg., Santa Rosa.
Bids will be asked shortly.

Contract Awarded
RESIDENCE Cost, $3,500
BURLINGAME, San Mateo Co., Cal.
Lot 14 Block 12, Burlingame Ave.
Residence.
Owner—John J. Heffernan.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito.

Contract Awarded
RESIDENCE Cost, $3,000
SAN MATEO, San Mateo Co., Calif.
Twenty-third Avenue.
Residence.
Owner—Mrs. Pauline Sparrow, 1133 Douglas.
Architect—Not Given.
Contractor—Martin Petersen, 40 Anita Road.

Sub-Contracts Awarded
RESIDENCE Cont. Price, $15,650
SAN FRANCISCO. Sherwood Forest.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) asbestos shingle roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—B. L. Lechens.
Architect—Harold Stoner, West Portal and Portola Drive.
Contractor—G. P. W. Jensen 320 Market Street.
Lumber — Loop Lumber Co., Central Basin.
Millwork—Anderson Brothers Planing Mill & Mfg. Co., Quint and Custer Streets.
As previously reported, Vannucci Bros., 375 Bayshore Blvd., have been awarded excavating and concrete.

To Be Done By Day's Work.
RESIDENCES Cost, $3,000 each
BELLE HAVEN, San Mateo Co., Cal
Almanor Street.
Three residences.
Owner and Builder—D. D. Bohanon 525 Dorchester Road, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE & GARAGE Cost, $6,000
FRESNO, Fresno Co., Cal. 603 Cambridge.
Residence and garage.
Owner—Alma E. Miller.
Architect—Not Given.
Contractor—A. F. Lambert, 1576 Poplar Ave., Fresno.

Sub-Contracts Awarded
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirty-second Avenue N Riverla Street.
Fifteen one-story and basement frame and stucco residences (six rooms each) tile, composition, shake and shingle roofs, wood sash, hardwood floors, gas hot air heating system, canvas walls, etc.
Owner and Builder — S. Young, 117 Montgomery Street.
Architect—C. O. Clausen, 746 46th Avenue.
Mill Work—S. Young, 117 Montgomery Street.
Lumber—Allen & Dettmann Lumber Co., 2000 Evans Avenue.
Concrete and Plaster—Vannucci Bros 375 Bayshore Blvd.
Heating—Atlas Heating & Ventilating Co., Ltd., 657 4th Street.
Flooring—E. Johnson, 545 Arch St.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Douglas St. 73 S Eighteenth Street.
One-story and basement frame residence.
Owner—E. Keegan, 104 Vicksburg St. San Francisco.
Architect—Not Given.
Contractor—A. and B. Quinn, 229 Dolores St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,453.38
HILLSBOROUGH, San Mateo Co., Cal. Santa Inez Avenue.
One and one-half-story frame and stucco residence (7 rooms and 3 tile baths) hardwood floors, hot air heating, wood sash, shake roof
Owner—Henry Levy, 605 Burlingame Ave., San Mateo.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., San Francisco.
Contractor — Lengfeld & Olund, Ltd. 220 Third Ave., San Mateo.

To Be Done By Day's Work.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. No. 741-749 E-Twelfth Street.
Alterations to residence.
Owner and Builder—M. C. Hale, 739 E-12th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. SE 30th Avenue and Kirkham Street.
Three one-story and basement frame residences.
Owner and Builder — Henry Doelger Builders, Inc., 320 Judah Street.
Architect—Not Given.

Preparing Plans—To Ask Bids Shortly.
RESIDENCE Cost, $11,000
LOS ALTOS, Santa Clara Co., Cal.
One-story and basement Monterey Colonial residence (8 rooms and 3 tile baths) heavy shingle, roof linoleum and oak floors, gas hot air heat; air conditioning; wood sash, brick, wood and plaster exterior.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Contract To Be Awarded
RESIDENCE Cost, $8,000
BERKELEY, Alameda County, Calif.
Spruce Street near Marin.
Two-story frame residence (6 rooms, 2 baths, rubber and asphalt tile) pine flooring, gas heating system, flexible asphalt shingle roofing.
Owner—Farquhar.
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—J. Messenger, 2107 Lincoln St., Berkeley.
Contract will be awarded Mr. Messenger within a few days.

To Be Done By Day's Work
RESIDENCE Cost, $3,000
SAN FRANCISCO. E 18th Ave. 300 S Vicente.
One-story and basement frame residence.
Owner—S. F. Johnson, 2601 17th Ave.
Architect—C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $3,000
SAN FRANCISCO. E 18th Ave. 280 N Wawona.
One-story and basement frame residence.
Owner—S. F. Johnson, 2601 17th Ave.
Architect—C. O. Clausen, 746 46th Avenue.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 30th Ave. 250 S Lawton.
One-story and basement frame residence.
Owner—Henry Doelger, Builder. Inc., 320 Judah Street.

Sub-Contracts Awarded
RESIDENCES Cost, $7,950
SAN FRANCISCO. S Vallejo 146, 179 and 216 E Kearny Street.
Three one-story and basement frame dwellings.
Owner—Katherine Clark, 451 Vallejo.
Architect—Not Given.
Contractor—Michael and Bomcrer, 762 De Haro Street.
Plumbing—George Rehn, 1919 Mission.
Concrete—Bay Conc. Co., 365 Ocean Avenue.
Millwork—J. L. Sage, 319 Bayshore.
Rough Lumber — Smith Lumber Co., Fourth and Channel Sts.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO. E 31st Ave. 100 S Irving St.
One-story and basement frame residence.
Owner—Henry Doelger, Builder, Inc., 320 Judah Street.

Contract Awarded
RESIDENCE Cost, $6,500
SAN MATEO, San Mateo Co., Calif.
Aragon Tract.
1½-story frame residence (6 rooms, 2 baths and lavatory) French Provincial type; shake roof, gas heating system, wood and steel sash, tiled baths, hardwood floors, etc.
Owner—Mr. Glascow.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor — Mooney and McDonald, Burlingame.

Sub-Contracts Awarded
RESIDENCE Cost, $10,500
SACRAMENTO, Sacramento Co., Cal.
1316 46th Street.
Two - story frame and stucco residence.
Owner—Dr. Wm. J. Van Denberg.
Architect—Not Given.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.
Plumbing—A. W. Sweet, 112 W. Bassettlaw Ave., North Sacramento.
Heating, Sheet Metal, Furnace—Wagner's Sheet Metal Works, 2900 M St., Sacramento.
Concrete—Carl R. Fiedler, 2631 30th St., Sacramento.
Steel Sash—Soule Steel Co. 1750 Army St., San Francisco.
Lumber—Diamond Match Co., Chico.

Contract Awarded.
RESIDENCE Cost, $2000
EAST PALO ALTO, San Mateo Co., Cal. No. 4 Euclid Place.
Residence.
Owner — R. M. Adkins, 537 Additon Ave., Palo Alto.
Architect—Not Given.
Contractor — E. C. Hill, 844 Addison Ave., Ualo Alto.

Sub-Contract Awarded
RESIDENCE Cost, $20,000
SAN FRANCISCO. Seacliff.
Two - story and basement frame and stucco residence (9 rooms and 3 baths) tile or slate roof, hardwood floors, tile baths, etc.
Owner and Builder—M. A. Little Bldg. Co., 107 24th Ave.
Architect—Masten & Hurd, 233 Post.
Plumbing—Geo. Rehn, 1919 Mission St.
Sub-bids are being taken on all other portions of the work.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Cal. Lot 29 Blk 13 BH Alvarado Ave.
Residence.
Owner—Karl T. Mooney, 1464 Burlingame Ave., Burlingame.
Architect—Not Given.
Contractor—Mooney & McDonald.

Sub-Contracts Awarded.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. S Shawnee St. W Cayuga Street.
Three one-story and basement frame and stucco residences (5 rooms, 1 bath) hardwood floors.
Owner and Builder — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Millwork — National Mill & Lumber Co., 230 California St.
Concrete and Plaster—Star Concrete Co., 101 France St.
Roofing—James Cantley Roofing Co., 666 Mission St.
Plumbing—Security Plumbing Supply Co., 1657 Market St.
Wiring — Arc Electric Co., 4792 Mission Street.
Painting—Frank Hanson, 1222 Naples Street.
Heating—Atlas Heating & Ventilating Co., Ltd., 557 4th St.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Lot 15 Blk 62 E 7, Easton Drive.
Residence.
Owner—Thos. J. Barnes, 1153 Cambridge St., Burlingame.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $4400
BURLINGAME, San Mateo Co., Cal. Lot 2 Blk 18, E 2 El Camino Real.
Residence.
Owner—D. B. O'Brien, 1720 Broadway, Beurlingame.
Architect—Not Given.
Contractor — D. W. Leadley, 210 Mt. Diablo Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $4000
BURLINGAME, San Mateo Co., Cal.
Residence.
Owner—E. R. Church.
Architect—Not Given.
Contractor — J. B. Oswald, 1150 Industrial Way, Burlingame.

Contract Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Cal. Lot 18 Blk 33, L. & H. Clarendon
Residence.
Owner—E. L. Oaks.
Architect—Not Given.
Owner — Burlingame Realty & Bldg. Co., 1090 Burlingame Square, Burlingame.

Contract Awarded.
RESIDENCE Cost, $3500
BURLINGAME, San Mateo Co., Cal. Lot 3 Blk 12, Burlingame Gable, Concord Way.
Residence.
Owner—S. A. Watkins.
Architect—Not Given.
Contractor—J. B. Oswald, 1150 Industrial Way, Burlingame.

Contract Awarded
ALTERATIONS Cost, $1,000
SAN FRANCISCO. 953 Lombard St.
Alter residence.
Owner—G. Arata, 953 Lombard Street.
Architect—Not Given.
Contractor—C. Ghezzi, 2335 Jones St.

To Be Done By Day's Work.
CABINS Cost, $1,800 each
SAN MATEO CO. Brittany Tract.
Five 1-story rustic cabins (3 rooms and porch, 1 bath) pine floors, shingle roof.
Owner—Consolidated Development Co. 544 Market St., San Francisco.
Architect—Geo. E. Ralph, 110 Sutter St., San Francisco.
Supt. of Const. — C. E. Patton, San Carlos.

To Be Done By Day's Work.
RESIDENCE Cost, $3,000
SAN FRANCISCO. E 32nd Avenue 100 N Moraga.
One - story and basement frame residence.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $3,500
OAKLAND, Alameda Co., Cal. 3020 Sheffield Avenue.
One-story residence (five rooms).
Owner—D. Lightbody, 3400 Morrison St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $6,000
OAKDALE, Stanislaus Co., Calif.
Two-story Colonial residence (9 rooms two tile baths) Redwood exterior, mill floor, heavy shingle roof, oil burner furnace.
Owner—J. S. Dunn (Dunn & Wyatt).
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—Jarvis Brothers.

Contract Awarded
RESIDENCE Cost, $8,500
BERKELEY, Alameda Co., Cal. 1194-1196 Keith Avenue.
One - story wood frame residence (6 rooms) and one-story wood frame guest house (4 rooms) wood exterior, copper clad roof, gas heating, wood floors, etc.
Owner—Professor Dryon.
Architect—Michael Goodman, 2162 Center St., Berkeley.
Contractor—R. Parks, 1046 Peralta Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $4,500
BERKELEY, Alameda Co., Calif. 650 The Alameda.
One-story frame residence (5 rooms).
Owner—Sam H. Hardin, 1 Menlo Pl., Oakland.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Plans Being Completed
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Cragmont Ave. near Marin.
Two-story residence wood exterior (5 rooms, 2 baths) shingle roof, hardwood floors, tile baths, gas heating system.
Owner—Withheld
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked shortly.

Plans Being Completed.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Euclid Ave. near Marin St.
Two-story frame and stucco residence (6 rooms, 2 baths) Spanish style, tile roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked shortly.

Plans Being Completed—To Ask Bids Shortly.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Grizzly Peak Blvd.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Shelton Drive, Piedmont Pines.
California-Colonial residence (6 rooms, two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Moordock.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Bids are being taken from a selected list of contractors.

Plans Being Completed.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Kenyon Drive.
One-story U-shaped Spanish type residence (6 rooms, 2 baths) stucco and brick exterior, tile roof, tile baths, hot air heating system, oak plank floors.
Owner—Withheld.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked shortly.

Plans Being Figured—Bids Close October 1.
ALTERATIONS Cost, $——
NAPA, Napa Co., Cal. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Fox West Coast Theaters, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Keilberg, 320 Market St., San Francisco.

Plans Being Completed
RESIDENCE Cost, $6,500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (seven rooms).
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin Street, Oakland.
Plans will be completed by the end of this week.

Contract Awarded.
RESIDENCE Cost, $3650
VALLEJO, Solano Co., Cal. Glenn St. bet. Fleming and Illinois Sts.
One-story stucco residence (5 rooms).
Owner—J. Coyle, Gernard Apartments Vallejo.
Architect—Not Given.
Contractor—J. A. Ferrera.

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Lot 1 Blk 64, Hillside.
Residence.
Owner—Mrs. Alma C. Hanson.
Architect—Not Given.
Contractor — W. C. Nicolaedes, 218 Peninsula Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $3,750
SAN MATEO, San Mateo Co., Calif. Dalmar Way.
Residence.
Owner—F. O. Quist, 2059 Isabella, San Mateo.
Architect—Not Given.
Contractor—San Mateo Inv. Co.

Planned
RESIDENCES Cost, $5,450 Up
SAN FRANCISCO. Alemany Terrace. One story and basement frame and stucco residences (composition and tile roof, wood sash, hardwood floors, tile bath, etc.) The owners plan to build 100 houses in this tract. Five are being constructed at this time.
Owner and Builder—L. Depaoli, 3289 Mission Street.
Architect—Not Given.
NOTE: Cost of the residences was previously reported incorrectly at $4,450 and up.

To Be Done By Day's Work.
RESIDENCE Cost, $4,300
OAKLAND, Alameda Co., Calif. 6341 Broadway Terrace.
Two-story and basement frame and stucco residence (6 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths, steel sash.
Owner and Builder—H. Roswell, 6347 Broadway Terrace, Oakland.
Architect—Chester Treichel, 695 Cleveland Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $5400
BERKELEY, Alameda Co., Cal. No. 412 Michigan Avenue.
One-story frame residence (5 rooms).
Owner—Dr. Delta R. Owen, 2506 Union St., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — C. M. Greenlow, 5975 Keith Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. No. 5918 Manchester Drive.
Two-story residence (8 rooms).
Owner—G. W. McCallan, 6004 Auburn St., Oakland.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—Henry Papenhausen, 595 Victoria St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 1934 Carter Street.
One and one-half-story residence (6 rooms).
Owner and Builder—Paul C. Tilton, 725 Walker Ave., Oakland.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal. Mono Drive.
One-story frame and stucco residence (7 rooms, 2 baths) hot air heating system, hardwood floors.
Owner—W. D. Cook.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Low Bidder—Wendell Thompson, 436 James St., Modesto.

Plans Being Figured—Bids Close Oct. 2nd, 5 P. M.
RESIDENCE Cost, $7,000
BAYWOOD PARK, San Mateo Co.
Two - story American-Colonial type residence (6 rooms and 2 baths) wood and brick exterior, shingle tile roof, tile baths, wood sash, gas warm air heating system.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Following will submit bids:
K Chenowith, Middlefield Rd., Palo Alto.
Fred K. DuPuy, 110 Sutter Street, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Mooney and McDonald, care Penn Realty Co., Burlingame Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $6,000
MODESTO, Stanislaus Co., Cal. High Tract.
1½-story Spanish residence (6 rooms, 2 tile baths; two-car garage and laundry) hardwood floors, tile roof, steam heating plant.
Owner—J. W. Neel.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—F. J. Wirtner, 322 Myrtle St., Turlock.

Owner Taking Segregated Bids.
RESIDENCE Cost, $9,000
SALINAS, Monterey Co., Calif. Geil Street.
Two - story and basement frame and stucco residence (2 tile baths) tile roof, steel sash, hot air heat, nine rooms.
Owner and Builder—Sam Trondhjem, 45 Geil St., Salinas.
Architect—Not Given.
Owner is taking sub-bids on all portions of the work.

Sub-Contracts Awarded
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co., Cal.
Two-story brick residence (12 rooms, 4 baths) wood exterior, slate roof steel and wood sash, gas heating system, air conditioning system.
Owner—Mr. and Mrs. Lloyd Liebes.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Contractor—R. S. Silverberg, 405 Montgomery St., San Francisco.
Stairs—J. DiCristina & Son, 3150 18th St., San Francisco.
Electric—Dingman's Electric Co., 1027 Allerton St., Redwood City.
Hardwood Floors—Acme Floor Co., 1051 Mission St., San Francisco.
Brick and Tile—Martin Nelson, San Francisco.
Plumbing—Geo. N. Wienholz, 765 Minna St., San Francisco.
Rolscreens — H. E. Root, San Francisco.
Reinforcing Steel — W. S. Wetenhall Co., NE 17th and Wisconsin, San Francisco.
Mill Work—National Mill & Lumber Co., 636 Call Bldg., San Francisco.
Plastering—H. R. Campbell, 110 Ashby Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
ROSS, Marin Co., Calif.
One-story frame residence (6 rooms, 3 baths) shingle wood roof with alternate proposal for copper roof, hot air oil burning heating system, hardwood floors, tile baths, redwood exterior, etc.
Owner—George J. Seebe.
Architect—W. W. Wurster, 260 California St., San Francisco.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont.

Contract Awarded
RESIDENCE Cost, $7,500
SAN MATEO, San Mateo Co., Calif. 436 Nevada Street.
Residence.
Owner—Mr. and Mrs. E. Bashor, 721 Linden St., San Mateo.
Architect—Not Given.
Contractor—Gilbert Findlay, 695 Cherry St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $4,000
SAN MATEO, San Mateo Co., Calif. Twenty-sixth Avenue.
Residence.
Owner—F. O. Quist, 2059 Isabella, San Mateo.
Architect—Not Given.
Contractor—San Mateo Investment Co.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
MERIDIAN, Colusa Co., Calif.
One - story wood frame residence (board and batten exterior, shake roof, oil burning heating system).
Owner—George Tarke.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor — Moore and Roberts, 693 Mission St., San Francisco.
Lumber—Frank R. Close, Sutter City.
Cement—Henry Cowell Lime & Cement Co., 2 Market St., San Francisco.
Reinforcing Steel — Thompson Diggs, Sacramento.
Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $5,000
CLARKSBURG, Yolo Co., Calif.
Alterations and additions to residence (add five rooms, plumbing, painting, roofing, etc.)
Owner—Withheld.
Architect — W. R. Yelland, Financial Center Bldg., Oakland.
Contractor—Jay D. Haworth, 2533 Burnett Way, Sacramento.

Plans Being Completed.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Euclid Ave. near Marin St.
Two-story frame and stucco residence (6 rooms, 2 baths) Spanish style, tile roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner and Builder—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Completed.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
Two-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
Owner and Builder—Randolph Parks, 1046 Peralta St., Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded
RESIDENCE Cost, $——
SAN FRANCISCO. Kearny and Lombard Streets.
Two-story residence (8 rooms) wood frame stucco exterior, steel sash, slate paved roof, gas heat, oak floors.
Owner—Whitney Warren, Jr., 1404 Montgomery Street.
Architect—Gardner Dailey, 210 Post.
Contarctor—A. F. Mattock Co., 212 Clara Street.

Owner Taking Segregated Bids.
RESIDENCES Cost, $5500 each
OAKLAND, Alameda Co., Cal. Perkins Street.
Two residences (6 rooms and 2 tile baths), hardwood floors; gas hot air heating; composition and tile roof; 2-car garage and part basement.
Owner and Builder—Whalen & Hufschmidt, 337 17th St., Oakland.
Architect — Chester H. Treichel, 696 Cleveland Ave., Oakland.

Contract Awarded
ALTERATIONS Cost, $1,750
BERKELEY, Alameda Co., Cal. 2331 Russell Street.
Alterations to residence.
Owner—Mrs. M. Welland, 2331 Russell St., Berkeley.
Architect—Not Given.
Contractor—C. Michaeles, Rte 1, Concord.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO, NE Kirkham St. and 26th Avenue.
One-story and basement frame residence.
Owner—A. E. Cronin, care contractor.
Architect—Not Given.
Contractor—Robt. McCarthy, 1363 14th Avenue

To Be Done By Day's Work
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Calif. 1635 Lelmert Blvd.
One-story residence (7 rooms).
Owner and Builder—Mrs. Wm. Newsom.
Architect—W. E. Schirmer, 910 Bank of America Bldg., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 5728 Amy Drive.
One-story residence (6 rooms).
Owner and Builder—C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given.

Plans Being Figured—Bids Close Oct. 2nd, 5 P. M.
RESIDENCE Cost, $6,500
BAYWOOD PARK, San Mateo Co.
Two - story Monterey - Colonial type residence (5 rooms and 2 baths) shingle tile roof, frame and stucco construction, wood and brick exterior, oak floors, tile baths, wood sash, gas warm air heating system, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Following will submit bids:
K. Chenowith, Middlefield Rd., Palo Alto.
Fred K. DuPuy, 110 Sutter Street, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Mooney and McDonald, care Penn Realty Co., Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $6500
BURLINGAME, San Mateo Co., Calif. Lot 17 Blk 64, Alvarado St.
Residence.
Owner—W. C. Wilcox, 1204 Deake St., Burlingame.
Architect—Not Given.
Contractor—Gordon Hess, 1268 Cortez St., Burlingame.

Contract Awarded
RESIDENCE Cost, $3,200
OAKLAND, Alameda Co., Calif. 3764 35th Avenue.
One-story residence (5 rooms).
Owner—E. A. Thomas, 3515 California St., Oakland.
Architect—Not Given.
Contractor—James Allan, 6718 Flora St., Oakland.

Plans Being Completed—To Ask Bids Shortly.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Margarido Drive and Rockridge Road.
Two-story English residence (6 rooms and 2 baths) steel sash, hardwood floors, gas heat.
Owner—Withheld.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO, No. 55 Fifth Ave.
Alterations to residence.
Owner—Paul Wormser, Premises.
Architect—Not Given.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

Plans Completed.
RESIDENCE Cost, $—
PASATIEMPO, Santa Cruz Co. Cal.
New residence.
Owner—Mrs. Robert Law.
Architect—W. W. Wurster, 260 California St., San Francisco.
Sketches have been forwarded to Mrs. Law in New York for approval.

Contract Awarded
RESIDENCE Cost, $5,975
OAKLAND, Alameda Co., Calif. 570 57th Street.
One-story residence (five rooms).
Owner—P. Trucco, 1406 14th Street, Oakland.
Architect—Not Given.
Contractor—P. Delucchi & Son, 5443 Claremont Ave., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $16,500
MERCED, Merced Co., Cal.
Two-story all-wood residence (Colonial type) 8 rooms and 3 baths; shake roof, wood sash, hardwood floors, tile baths, etc.
Owner—C. Ray Robinson.
Architect—Kent & Hass, 525 Market St., San Francisco.
Contractor—C. B. Cameron & Son, P. O. Box 241, Merced.
Plumbing — Sanitary Plumbing Co., Merced.
Tile Work—American Art Tile Co., 231 Franklin St., San Francisco.
Wood Sash—Cross Lumber Co., Merced.
Reinforcing Steel—Kyle & Co., Fresno.
Glass—Cross Lumber Co., Merced.
Water Heater—Sanitary Plumbing Co. Merced.
Iron Grill Work—Kyle & Co., Fresno.
Lumber—Cross Lumber Co., Merced.
Hardware — Bedesen & McNamara, Merced.
Finish Material—Cross Lumber Co.
Grading—Fred Ragsdale, Merced.
Brick and Stone Work — Howard & Fellows, Fresno.
Toilet Partitions—Cross Lumber Co.
Ornamental Iron—Kyle & Co., Fresno

Contract Awarded.
RESIDENCE Cost, $3,990
OAKLAND, Alameda Co., Calif. 953 Grosvenor Place.
One-story residence (five rooms).
Owner—Mary C. Hill, 953 Grosvenor Place, Oakland.
Architect—Not Given.
Contractor—George W. Anderson, 211 Hanover Ave., Oakland.

To Be Done By Day's Work.
ADDITION Cost, $1,400
OAKLAND, Alameda Co., Calif. 2837 Octavia Street.
Addition to residence.
Owner—Cecil G. Coker, 2837 Octavia St., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,200
SAN MATEO, San Mateo Co., Calif. Seville Street.
Residence.
Owner—Chas. M. Chedd.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm St., San Mateo.

To Be Done By Day's Work.
RESIDENCE Cost, $4,750
ALAMEDA, Alameda Co., Cal. Waterside Terrace.
One-story frame residence (6 rooms, stucco exterior).
Owner and Builder — S. J. Dowling, 2800 Clay St., Alameda.

Contract Awarded
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Cal. Atlanta near Bird.
Six room residence
Owner and Builder — H. A. Bridges 1398 Lincoln, San Jose
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,545
SAN JOSE, Santa Clara Co., Calif. 1865 Park Avenue.
Two - room residence and recreation building
Owner—John D. Cruminey, 1855 Park Ave., San Jose.
Architect—Not Given.
Contractor—N. J. Nielson 1270 Ira Court, San Jose

Contract Awarded
RESIDENCE Cost, $3,500
SAN JOSE, Santa Clara Co., Calif 1580 McDaniel Avenue
Five-room residence.
Owner—Wm. Payne, 1692 Park Ave., San Jose.
Architect—Not Given.
Contractor—Paul Anderson, 1210 Lincoln Ave., San Jose.

Contract Awarded
RESIDENCE Cost, $7,500
SAN MATEO, San Mateo Co., Calif. 245 Howard Street.
Residence.
Owner—Roy Beveridge.
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.

Contract Awarded
RESIDENCE Cost, $7,500
SAN MATEO, San Mateo Co., Calif. 238 Howard Street.
Residence.
Owner—W. G. Scott, 981 Crystal Springs Road, San Mateo.
Architect—Not Given.
Contractor — Lengfeld and Olund, 220 63rd St., Oakland.

Project Postponed Temporarily.
ALTERATIONS Cost, $—
MILL VALLEY, Marin Co., Calif.
Alterations to residence (add bedrooms and baths, etc.)
Owner—Withheld.
Architect—Wm. I. Garren, 233 Post St., San Francisco.
Low Bidder—Moore and Roberts, 693 Mission St., San Francisco.
The project has been postponed temporarily, as the bids ran high.

Plans Revised—New Bids Close Sept. 30, 5 P. M.
RESIDENCE Cost, $—
REDWOOD CITY, San Mateo County.
One - story wood residence (6 rooms) shake roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Ed. O'Brien.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
All bids received on the previous opening ran high and were rejected.

15— SCHOOLS

Sub-Contracts Awarded.
LIBRARY Contract Price, $4258
SAN FRANCISCO, Utah and 25th Sts.
Two - stoy frame library at Starr King School (two rooms) work involves excavation, misc. and orn. iron, sheet metal, roofing, carpentry, glass and glazing, metal lathing and plastering, plumbing, finish hardware and electric work, and painting.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Contractor—F. C. Amoroso & Sons, Wallace and Keith Streets.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.

Plumbing and Heating — A. Ramazzotti, 1473 Vallejo St.
Electric Wiring—Atlas Electric & Engineering Co., 343 4th St.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Glass—W. P. Fuller & Co., 301 Mission Street.
Hardware—E. M. Hundley, 662 Mission Street.
Lathing & Plastering—A. W. Cordes, 666 Mission Street.
Linoleum — Royal Floor & Linoleum Co., 475 Sutter Street.
Ornamental Iron—Patterson & Koster, 280 13th Street.
Millwork—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Cork Carpet—Van Fleet-Freear Co., 557 Howard St.

Bids Opened

SCHOOL Cost, $36,975
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—C. M. Norgrove, 2220 Roosevelt St., Berkeley, $36,975.
Alternate proposals were as follows:
(1) deduct for venetian blinds;
(2) add for steel lockers;
(3) add for special furniture;
(4a) add for desk equipment;
(4b) do;
(4c) do.
Complete bids follow:

(A) C. M. Norgrove		$36,975
	(1)	250
	(2)	1,233
	(3)	1,850
	(4a)	2,230
	(4b)	1,125
	(4c)	615
(B) DeLuca & Son, S. F.		$38,548
	(1)	215
	(2)	1,300
	(3)	2,100
	(4a)	2,300
	(4b)	1,175
	(4c)	640
(C) F. C. Amoroso & Son, San Francisco		$38,990
	(1)	110
	(2)	1,350
	(3)	2,320
	(4a)	2,330
	(4b)	1,180
	(4c)	661
(D) Geo. J. Mauren Co., Piedmont		$39,497
	(1)	215
	(2)	1,300
	(3)	2,000
	(4a)	2,330
	(4b)	1,200
	(4c)	670
(E) Frank J. Reilly, S. F.		$39,981
	(1)	220
	(2)	1,225
	(3)	2,280
	(4a)	2,454
	(4b)	1,315
	(4c)	712
(F) C. N. Swenson, San Jose		$40,875
	(1)	362
	(2)	1,412
	(3)	2,700
	(4a)	2,400
	(4b)	1,200
	(6c)	660
(G) Lindgren & Swinerton Inc., San Francisco		$40,924
	(1)	224
	(2)	1,340
	(3)	2,240
	(4a)	2,317
	(4b)	1,173
	(4c)	642
(H) W. E. Lyons, Alameda		$41,100
	(1)	71
	(2)	1,410
	(3)	2,400
	(4a)	2,280
	(4b)	1,195
	(4c)	635

Bids were taken under advisement until Thursday night.

BOND ELECTION

SAN LEANDRO, Alameda Co., Cal.—San Leandro Board of Supervisors has set October 24 as the date of a special election to vote $110,000 in bonds to finance strengthening and repair of the Lincoln, Washington, McKinley and Roosevelt Schools.

H. J. Brunnier, Sharon Bldg., San Francisco, is structural engineer.

ENGINEERS APPOINTED

SAN FRANCISCO.—Leland & Haley, 58 Sutter Street, have been appointed by the Department of Public Works as consulting engineers for mechanical equipment on the Lowell High School.

Contract Awarded.

ALTERATIONS Cont. Price, $3188
BERKELEY, Alameda Co., Cal. No. 1200 University Avenue.
Alterations to Burbank School.
Owner—Berkeley School District.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland.

FUNDS ASKED

BERKELEY, Alameda Co., Calif.—The Berkeley School District has filed application with the WPA for funds to finance partial reconstruction of the Hillside School, estimated to cost $4,000.

Plans Being Prepared.

LIBRARY BLDG. Cost, $15,000
BERKELEY, Alameda Co., Cal. University of California Campus.
One-story reinforced concrete fireproof library building extension to Architectural Building.
Owner—University of California.
Architects—Warren C. Perry, Stafford Jory, W. G. Corlett and Walter T. Steilberg.

TO PREPARE WORKING DRAWINGS

LOS ANGELES, Cal. — Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, will start preparation of working drawings at once for the new administration building to be erected on the campus of the University of California at Los Angeles. It will be a two-story, Class A structure with brick facing and tile roof, and will conform in design to the existing buildings at the university. The building will cost approximately $200,000.

LOW BIDDER

LONG BEACH, Cal.—Pacific Realty & Building Co., 433 E Broadway, Long Beach, at $78,480 submitted low bid to the Long Beach board of education Sept. 20 for construction of the Fremont elementary school. Plans prepared by Architects Miller & Gibbs 800 Kress Bldg., Long Beach. Construction will be of frame and stucco, tile and composition roofing, concrete and maple floors, wrought iron, tile toilet floors, steel partions, etc.

Preparing Preliminary Plans.

MACHINE SHOP Cost, $——
SAN FRANCISCO.
Three-story reinforced concrete machine shop building at George Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.

CONTRACT AWARDED

TUCSON, Ariz.—M. M. Sundt Construction Co., 629 N. Olsen Ave., Tucson, at $230,000 awarded contract by the University of Arizona for construction of a women's building and an administration building on the campus in Tucson, a PWA project. Plans were prepared by Architect Roy Place, Tucson.

BOND SALE

BURNS VALLEY, Lake Co., Cal.—Until October 15, 10 A. M., bids will be received by Lake County Board of Supervisors, W. M. Patterson, County Clerk, Lakeport, for the sale of $16-500 in Burns Valley School District bonds to finance construction of a 1-story frame and stucco grammar school to contain eight classrooms. Preliminary plans prepared by Architects Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

BOND ELECTION

LOMPOC, Santa Barbara Co., Cal.—Lompoc Union Elementary School District will hold an election October 11 at which time it is proposed to vote bonds in the sum of $18,000 as the district's share of the cost of constructing an addition to the Lompoc school. Application has been made to the PWA for a loan and grant totaling $32,727, estimated cost of the improvements.

To Ask Bids Shortly.

ADMIN. BLDG. Cost, $80,000
TAFT, Kern Co., Calif. Taft Union High School Compus.
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows).
Owner—Taft Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be asked shortly on a portion of the work.

Preparing Preliminary Plans.

GYMNASIUM Cost, $15,000
MENDOCINO, Mendocino Co., Cal.
One-story frame gymnasium.
Owner—Mendocino High School Dist.
Architect—Norman Coulter, 46 Kearny St., San Francisco.

Preparing Working Drawings.

SCHOOL Cost, $16,500
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
The district voted $16,500 in bonds to finance construction at a special election August 22.

Low Bidders.

COMPLETE SCHOOL Cost, $——
CONCORD, Contra Costa Co., Calif.
Complete reinforced concrete academic unit at high school (ten classrooms).
Owner—Mt. Diablo Union High School District(Nina E. Bancroft, clerk)
Architect—W. H. Weeks, 525 Market St., San Francisco.
Low bids on each proposal follow:
(1) Completion of carpentry work (labor only) John Hansen, Concord, $950.
(2) Painting and tinting (labor and material) J. Burdon & Sons, 587 Athol Ave., Oakland, $1483 and $1718.
(3) Plastering work (labor and material) M. J. King, 231 Franklin St., San Francisco, $4,843.
(4) Tile work (labor and material)

bids being held under advisement.

(5) Linoleum work (labor and material) all bids rejected; to be readvertised.

(6) Blackboards (labor and material): Fred Turner, 557 Market Street, San Francisco, $615.

(7) Finish hardware (labor and material) Marshall - Newell Supply Co., Spear and Mission Sts., San Francisco $706.20.

(8) Weissteel partitions (installed) bids being held under advisement.

(9) Brick work (labor and material) bids rejected, to be bought in the open market.

Complete list of bids will be published shortly.

PLANS APPROVED

TUCSON, Arizona.—Regents of the University of Arizona have approved the plans of Architect Roy Place for the new auditorium, infirmary and stables to be built on the university campus in Tucson. The regents also approved plans, prepared by Architect H. O. Jaastad, for new buildings to be built at the university farm. Bids will be called for within a short time.

PLANS APPROVED

PASADENA, Calif.—The Pasadena board of education has approved revised plans and bids will be called for soon for the construction of the Thos. Jefferson elementary school. The unit will consist of an assembly hall, cafeteria building, 6 classrooms and kindergarten. Plans prepared by Architects Marston & Maybury, 25 S. Euclid Ave., Pasadena. Construction will be of reinforced concrete, composition roofing, concrete and maple floors, tile toilets, ornamental iron, linoleum steam heating, etc. Estimated cost, $110,000.

BIDS WANTED

FLAGSTAFF, Ariz.—Until 11 A. M. October 11, bids will be received by the Arizona State Teachers' College at Flagstaff for the construction of a women's dormitory and dining hall, including alterations and additions to the central heating plant, on the college campus in Flagstaff, a PWA project. Proposals will be received as follows: (1) general construction, including plumbing and heating; (2) general construction, not including plumbing and heating; (3) plumbing and heating only. Plans and specifications may be obtained from Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of $25. Certified check for 5% must accompany each bid. The building will be a two-story, Class A U-shaped structure with a frontage of 220 feet and two wings, each 35x115 ft. in area. A dining hall, cafeteria, kitchen, recreation hall, reception room, sleeping rooms and a hospital ward will be provided. It will have stone and brick walls, stone and plaster facing, asbestos shingle roof, metal lath and plaster partitions, pine trim, cement floors with terrazzo, linoleum and asphalt, tile covering, steam heat, art stone trim, reinforcing steel, steel windows, tile and terrazzo work, screens, kitchen equipment, refrigeration for cold storage rooms, cafeteria counters, etc Estimated cost, $150,000.

BIDS WANTED

HUGHSON, Stanislaus Co., Calif.—Until October 10, 8 P. M., bids will be received by the Board of Trustees of the Hughson Elementary School District, Grammar School Building, for the erection of a boiler room addition to the present grammar school bldg.; and for the installation of a complete steam heating system for said school building.

Plans and specifications obtainable from Architect George C. Sellon, California State Life Bldg., Sacramento, upon deposit of $25.

I. M. Phillips, clerk of the Board of Trustees.

It was previously reported that bids would be opened Sept. 30.

16— BANKS, STORES AND OFFICES

BIDS WANTED

KERN COUNTY, Cal.—Until Sept. 30, 7 P. M., bids will be received by W. H. Clendenen, Clerk of the Board of Trustees of the Mountain View School District, for additions to the Mountain View School. Plans and specifications obtainable from Architect Charles H. Biggar, Haberfelde Bldg., Bakersfield.

Contract Awarded

ALTERATIONS Cost, $3,000
SAN FRANCISCO. 1130 Market St.
Alterations for restaurant.
Owner—Oliver & Radovich, premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.

Plans Being Prepared.

STORE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. University Ave. and Kipling St.
One - story store building (reinforced concrete construction) 50x97-ft.
Owner—Dr. Mervyn Rudee, Palo Alto.
Architect—Birge M. Clark, 310 University Avt., Palo Alto.
Lessee—Kemperich & Triplett Food Store.

Planned

ALTERATIONS Cost, $15,000
STOCKTON, San Joaquin Co., Calif Main and California Streets.
Alterations to store bldg. (new show windows, remodeling, new soda fountain, etc.)
Owner—Owl Drug Co., 657 Mission St., San Francisco.
Plans by Engineering Dept. of Owner.

To Be Done By Day's Work.

STORE Cost, $5,000
OAKLAND, Alameda Co., Calif. 530 Lake Park Avenue.
One-story brick store.
Owner—W. S. Lacey, 601 Beacon St., Oakland.
Architect—Not Given.

Plans Completed-To Ask Bids Shortly

ALTERATIONS Cost,$——
MODESTO, Stanislaus Co., Calif.
Alterations to store building (work involves new fixtures, alterations to front, tile work, some marble).
Owner—Mellis Brothers, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Sub-Contracts Awarded.

ALTERATIONS Cost, $30,000
SAN FRANCISCO. No. 115 Valencia Street.
Alterations to brick Salvation Army Quarters (change partitions, new plumbing and ventilating system, painting, plastering, etc.)
Owner—Salvation Army, Premises.
Architect—D. D. Stone, 110 Sutter St. San Francisco.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Elevator—Otis Elevator Co., 1 Beach Street.
Electrical—A. W. Howard, 566 Mission Street.
Plumbing—Scott Co., 243 Minna St.
Roofing—J. W. Bender Roofing Co., 18th and Bryant Sts.
Miscellaneous Iron—Industrial Ornamental Iron, Bronze & Wire Wks., 552 Noe Street.
Lathing and Plastering—Peter Bradley, 639 Brannan St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Flue Vent Ducts, Etc.—Morrison Co.
Mastipave—Mallot & Petersen, 24th & Bryant Sts.
Mill Work—J. A. Hart Mill & Lumber Co.

Planned.

OFFICE BLDG. Cost, $——
SAN FRANCISCO. SE Ninth and Folsom Streets.
Three-story and mezzanine Class B office building, reinforced concrete construction; fireproof (100x135 feet).
Owner—Miss Henny Wagreich.
Architect—To Be Selected.

Miscellaneous and Ornamental Iron Contract Awarded.

OFFICE BLDG. Cost, $500,000
SAN FRANCISCO. 417 Montgomery.
Ten - story reinforced concrete office building (tar and gravel roof, steel sash, two elevators, steam heating system, terra cotta facing, plaster throughout, etc.)
Owner—Louis Lurie, 333 Montgomery.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome Street.
Miscellaneous and Ornamental Iron—Michel & Pfeffer Iron Works, Inc., Harrison and Tenth Streets.
Other sub - contracts awarded reported Sept. 5 and 9.

Contract Awarded

OFFICE BLDG. Cost, $5,000
REDWOOD CITY, San Mateo Co., Cal. Middlefield Road and Marshall St.
One-story and garage wood frame office building (25x100 ft.) tar and gravel roof.
Owner—Phil Brand, 650 Jefferson Ave. Redwood City.
Lessee—California Highway Patrol.
Contractor—Emil G. Steinegger, 1312 Jefferson Ave., Redwood City.
Plumbing—P. E. Brand, 650 Jefferson Ave., Redwood City.

Contract Awarded

STORE BLDG. Cont. Price, $5,497
MARYSVILLE, Yuba Co., Calif.
One-story brick store bldg. (21x100).
Owner—Urban Properties Co., 155 Montgomery St., San Francisco.
Architect—Earl Bertz, Monadnock Bldg., San Francisco.
Contractor — Lawrence Sullivan Co., 3909 Loma Vista, Oakland.

Plans Being Figured.

ALTERATIONS Cost, $——
SAN FRANCISCO. No. 23 Grant Ave.
Alterations to building.
Owner—Hobart Estate.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
The architects are taking estimates on the cost of the work.

PLANNED

SAN BERNARDINO, Calif.—Arthur H. Brouse, vice-president and manager of the San Bernardino branch of the Bank of America, has purchased property on E Street, between 21st St. and Highland Ave., San Bernardino, where he proposes erecting a commercial building. A market may be built on the site.

To Be Done By Day's Work.

WASH RACK Cost, $2000
SAN FRANCISCO. No. 1900 Bryant Street.
One-story frame wash rack.
Owner—Best Foods Inc., Premises.
Engineer—K. Thelll, 589 Market St., San Francisco.

Planned
ALTERATIONS Cost $——
[illegible] Nevada. Second and Virginia. [illegible]deling back building for drug store (new fronts, refinishing the walls, etc.)
Owner—Stack Estate (Maurice Izral, agent).
Lessee—William Ramos.
Architect—Not Given.

Planned
ALTERATIONS Cost, $——
FRESNO, Fresno Co., Calif. SW Van Ness and Tuolumne Street (Cobb Bldg.)
Remodeling and modernizing building (two stories, 75x150 ft.; and basement, 83x100-ft.) new show windows, new entrance way, repainting, etc.
Owner—C. H. Cobb Estate and Mrs Anna D. Cobb.
Lessee—Chicago Furniture Company.
Architect—Not Given.

Plans Being Figured—Bids Close Oct. 1st, 2 P. M.
STORE & OFFICES Cost, $6,000
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg. (54x50 - feet) composition roofing, Oregon pine floors, steel sash
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Bids will be taken from a selected list of contractors.

Plans Being Figured—Bids Close Oct. 2nd, 7 P. M.
STORE Cost, $5,000
SAUSALITO, Marin Co., Calif. State Highway and Litho Street.
One-story and mezzanine frame store building.
Owner—Dave Langsam, 350 Caledonia, Sausalito.
Architect—S. Heiman, 605 Market St., San Francisco.

Contract Awarded
COMMERCIAL BLDG. Cost, $——
SAN FRANCISCO, SE Ninth and Folsom Streets.
Three-story and mezzanine Class B commercial bldg. (reinforced concrete construction, fireproof, steel sash, concrete floors composition roofing; 100x135-ft.)
Owner—Miss Henny Wagreich, % contractor.
Architect—Not Given.
Contractor—W. C. Akard, 225 Cervantes Boulevard.
Construction will start in the near future.

Plans Being Figured—Bids Close Oct. 2nd, 4:30 P. M.
ALTERATIONS Cost, $——
MODESTO, Stanislaus Co., Calif.
Alterations to store building (work involves new fixtures, alterations to front, tile work, some marble).
Owner—Mellis Brothers, Modesto
Architect—G. N. Hilburn, 1213 I St., Modesto.
Bids will be taken from a selected list of contractors.

17— THEATRES

Contract Awarded
ALTERATIONS Cost, $2,500
OAKLAND, Alameda Co., Calif. 5827 Foothill Blvd.
Alterations to theatre.
Owner—Golden State Theatre Corp., 25 Taylor St., San Francisco.
Architect—Not Given.
Contractor—A. J. Hopper, 1769 Pleasant Valley Ave., Oakland.

Contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO 135 O'Farrell St.
Alterations to Columbia Theatre (orchestra pit, plaster partitions).
Owner—Columbia Theatre, 135 O'Farrell Street.
Architect—Not Given.
Contractor—Fred DuPuy, 110 Sutter.
Electrical—Alta Electric Co., 467 O'Farrell Street.
Lathing and Plastering—J. M. Piconi, 383-B 21st Ave.
Stairways — E. D. Philbrick Co., 41 Sheridan Street.

Planned
THEATRE Cost, $150,000
SANTA CRUZ, Santa Cruz Co., Cal. Soquel Avenue bet. Pacific Ave. and Front Street.
New theatre to seat 1500 to replace old Unique Theatre.
Owner—Golden State Theatre & Realty Co., 25 Taylor St., San Francisco.
Architect—Not Given.

Sub-Contracts Awarded
THEATRE Cost, $50,000
CARMEL, Monterey Co., Cal. Ocean and Mission Streets (75x150 ft.)
One-story Class C theatre (to seat 850) reinforced concrete walls, composition and tile roofing, Summerbell trusses, etc.
Owner—Monterey Theatres Co. (E. H. Emmick in charge) 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W Kellberg, 320 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., St., San Francisco.
Reinforcing Steel—Soule Steel Co. 1750 Army St., San Francisco.
Structural Steel—Schrader Iron Wks, 1247 Harrison St., San Francisco.
Gravel, Sand and Cement — Murphy Lumber Yard, Carmel.

Plans Being Figured—Bids Close Oct. 7, 2 P. M.
ALTERATIONS Cost, $——
NAPA, Napa Co., Calif. Main Street between First and Pearl Streets.
Alterations to old opera house for theatre.
Owner—Fox West Coast Theaters, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
NOTE: It was previously reported that bids would close October 1.

18—WHARVES & DOCKS

CONTRACT AWARDED
EUREKA, Humboldt Co. Cal.—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka, at $1,296 awarded contract by the Eureka City Council for construction of a 300-ft. extension to the Fishermen's Boat Slip near the foot of Commercial Street.

Contract Awarded
WHARF Cost, $10,000
VALLEJO, Solano Co., Calif Foot of Winchester Street.
Wharf (40x160-ft.)
Owner—Basalt Rock Co., 8th Street, Napa.
Architect—Not Given.
Contractor — Duncanson - Harrelson Co., deYoung Bldg., San Francisco

19—MISC. CONSTRUCTION

CONTRACTS AWARDED
FRESNO, Fresno Co., Calif.—Contracts awarded by Fresno District Quartermaster, Civilian Conservation Corps., for furnishing building materials:
Standard Lumber and Mill Co., Fresno, Lumber, $333.49.
Lauritzen Mchy. Co., Fresno, Hardware, $163.73.
Dallman Sup. Co., Sacramento, Sheet Metal, $29.68.
Bids were opened Sept. 16.

HOLDING LOW BID
LOS ANGELES, Cal.—The Metropolitan Water District board of directors Sept. 20 rejected all bids for the furnishing of steel towers for the 237-mile 230-kv. transmission line, Spec. 105, except the bid of the Pacific Coast Steel Corp., the low bidder August 20, at $429,050.14 (copper) and $402,300.36 (steel reinforced aluminum conductor).
The board also at the same time rejected all bids of Fritz Ziebarth, except his bids on Schedules 1 and 2, for the construction of the transmission line. The bids held were $429-830 and $407,246.71, copper and aluminum conductor, respectively. The bids were opened Aug. 20.

BIDS WANTED
PALO ALTO, Santa Clara Co., Cal. —Until Sept. 30, 4 P. M. bids will be received by the Palo Alto Board of Public Works for extending the steam heating system and installing unit ventilator in Children's Room of the public library.
Specifications may be obtained on application to City Engineer J. F. Byxbee.

Contracts Awarded.
CATTLE RAMP Cost, $——
DIXON, Solano Co., Calif.
Cattle ramp(reinforced concrete construction).
Owner—C. Bruce Mace, Dixon.
Engineer—W. E. Murray, 908 Hayes Street, San Francisco.
General Contract—Campbell Const. Co., 800 R St., Sacramento.
Structural Steel—Moore Dry Dock Co. foot of Adeline St., Oakland.

BIDS OPENED
KLAMATH AGENCY, Ore. — Aermotor Co., 2500 Roosevelt Road, Chicago, at $1880 submitted low bid and awarded contract by the Klamath Indian Agency, Wade Crawford, Supt., for furnishing and erecting one 80- and one 107-foot galvanized steel lookout towers.
Following bids received:
Aermotor Co., Chicago.....$1880
Judson Pacific Co., S. F..... 4000
Contracting and Sales Co., Inc., Portland 4,275

BIDS OPENED
RIVERSIDE COUNTY, Cal. — Consolidated Steel Corp., Ltd., 6500 E. Slauson Ave., Los Angeles, at $4626.80 submitted low bid to the Metropolitan Water District, Los Angeles, Sept. 13. for furnishing and erecting steel structures for the Fan Hill crushing and screening plant, in accordance with Specifications No. 125. The site of the work is at Fan Hill, approximately 20 miles northwest of Indio, Riverside County, Calif. The work to be contracted for comprises furnishing and erecting of steel structures for the Fan Hill concrete aggregate plant. F. E. Weymouth, general manager and chief engineer.
The items were:
(1) One structural steel building for crushing and screening plant as shown on drawings B-2720 and A-1336, having an estimated weight of 23,000 lbs.;
(2) One steel structure for conveyor "S" as shown on drawing B-2718, having an estimated weight of $19,000 lbs.;
(3) One steel structure for conveyor "B" as shown on drawing B-2723, having an estimated weight of 14,000 lbs.
The bids were:

Consolidated Steel Corp., Ltd.—(1) 7.57c, (2) 8.77c, (3) 8.71c. Total, $4,626.80.

Pacific Coast Steel Corp.—(1) 8.44c, (2) 9.73c, (3) 9.58c. Total $5124.20.

COMPLETE BIDS

WASHINGTON, D. C.—Harbor Boat Building Co., Terminal Island, Los Angeles, submitted low bid to U. S. Coast Guard (as previously reported) for furnishing two, three or four 80-ft. patrol boats for the Pacific Coast.

Complete bids follow:

Harbor Boat Building Co., Terminal Island, $37,985 each for two; $37,285 each for three; $36,250 each for four.

Stevens Bros., Stockton, $42,500 each for two; $40,450 each for three; no bid for four.

Lake Union Dry Dock & Machine Works, Seattle, $44,000 each for two; $42,000 each for three; $40,000 each for four.

William Whiting, Long Beach, $53,405 each for two; $50,831 each for three; $49,544 each for four.

Winslow Marine Railway & Shipbuilding Co., Seattle, $53,500 each for two; $51,250 each for three; $19,500 each for four.

WORK AUTHORIZED

RIVERSIDE, Riverside Co., Calif.—An extension of the city's underground electric light distribution system in the business district has been authorized by the board of public utilities at an estimated cost of $51,300. This work will include the installation of high tension cables in duct lines already in place, together with transformers and distribution equipment, and the installation of underground services to property owners' meters. The district to be improved will be bounded by 6th St. on the north, Market St. on the west, 12th St. on the south between Market and Main, Eleventh St. from Main to Orange, and Orange St. on the east. All poles within the area will be removed after the job is completed. R. L. Boulden is the superintendent in charge.

20—MISC. SUPPLIES AND MATERIALS

BIDS RECEIVED

LOS ANGELES, Cal.—Bids for furnishing diamond mesh woven wire fencing for the construction of pipe and wire revetments, county flood control department, were opened by the Board of Supervisors, Sept. 18. The bids were taken as follows:

(1) F.o.b. trucks, dept. warehouse;
(2) F.ob. R. R. cars, dept. warehouse.

The bids were:

R. J. M. Co.—Prop. 1 net, $16,737.68; Prop. 2, net, $15,400.71.

Whiting - Mead Co. — Prop. 1, net, $16,734.15; Prop. 2, net, $15,509.33.

Ducommun Corp.—Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Hayward Lumber & Inv. Co.,—Prop. 7, net, $16,737.68; Prop. 2, net, $15,511.65.

Union Hardware & Metal Co.—Prop. 1, net, $16.737.68; Prop. 2, net, $15,511.65.

Columbia Steel Co.—Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Kerckhoff-Cuzner Mill & Lumber Co.—Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Keystone Steel & Wire Co.—Prop. 1, net, $16.737.68; Prop. 2, net, $15,511.65.

Pacific Fence Supply Co.—Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Hoffman Hardware Co. — Prop. 1, net, $16,737.68; Prop. 2, net, $16,511.65.

Security Materials Co. — Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Concrete Engineering Co.—Prop 1, net, $16,737.68; Prop. 2, net, $15,611.65.

Soule Steel Co.—Prop. 1, net, $16,-$16,737.68; Prop. 2, net, $15,511.65.

Truscon Steel Co. — Prop. 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Harper & Reynolds Corp.—Prop 1, net, $16,737.68; Prop. 2, net, $15,511.65.

Northwestern Barb Wire Co. (not signed)—Prop. 1, net, $16,737.68; Prop, 2, net, $15,511.65.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by the U. S. Forest Service, 751 S. Figueroa St., Sept. 23, for furnishing full length pressure-treated Douglas fir or Southern pine poles. Bid No. 1201.

The items were:

(1) 400 20-ft. poles, class 4;
(2) 100 20-ft. poles, class 6;
(3) 80 30-ft. poles, Class 4;
(4) 20 30-ft. poles, class 6;
(5) 100 25-ft. poles, class 4.

The bidders were:

(A) Joslyn Co., Southern yellow pine. Net.
(B) J. H. Baxter Lumber Co., Douglas fir. Net.
(C) American Lumber & Treating Co. Douglas fir.
(D) McCormick Lumber Co., Douglas fir. Net.
(E) Graybar Electric Co. Southern yellow pine. Terms net.
(F) Browning Lumber Co., Douglas fir. Net .
(G) Maydwell & Hartzell, Inc., Douglas fir.
(H) National Lumber & Creosoting Co., Southern yellow pine. Terms net.
(I) Neidermier & Martin Lbr. Co., Southern yellow pine or Douglas fir. Discount, 2% 10 days.
(J) Pan-Pacific Piling & Const. Co., Douglas fir. Terms net.
(K) General Electric Supply Co., Southern yellow pine .Terms net.
(L) James R. Hall, Douglas fir. Discount 2% 10 days.
(M) Texas Creosoting Co., Southern yellow pine. Terms net.

The bids were:

	(1)	(2)	(3)	(4)	(5)
(A)	$2.80	$2.00	$5.05	$3.85	$3.85
(B)	4.12	3.35	7.35	6.30	5.70
(C)	4.00	3.56	6.90	6.00	5.66
(D)	5.10	4.85	8.75	7.55	6.93
(E)	3.63	2.75	6.75	5.03	5.18
(F)	4.10	3.45	7.35	6.15	6.00
(G)	3.80	3.40	6.60	5.70	5.30
(H)	3.53	2.70	6.57	4.88	5.04
(I)	3.50	2.80	6.50	5.00	5.00
(J)	5.35	5.07	8.18	7.80	6.69
(K)	2.95	2.27	5.50	4.09	4.21
(L)	4.07	3.64	7.04	6.10	5.67
(M)	3.63	2.79	6.75	5.03	5.18

BIDS REJECTED

REDDING, Shasta Co., Calif. — All bids received by the District Quartermaster, Civilian Conservation Corps, Redding, Sept. 17 for furnishing building materials for warehouse and barracks were rejected.

BIDS OPENED

LOS ANGELES, Cal.—The following bids were received by the U. S. Forest Service, 751 S. Figueroa St., Sept. 23, for furnishing full length pressure-treated Douglas fir or Southern Yellow pine poles, Bid No. 1202.

The items were:

(1) 220 25-ft. poles, class 4;
(2) 80 25-ft. poles, class 6;
(3) 80 35-ft. poles, class 4;
(4) 20 35-ft. poles, class 6.

The bidders were:

(A) Joslyn Co., Southern yellow pine. Net.
(B) Maydwell & Hartzell, Douglas fir
(C) American Lumber & Treating Co Douglas fir
(D) Chas. R McCormick Lumber Co. Douglas fir. Terms net.
(E) J. H. Baxter & Sons, Douglas fir Terms net.
(F) Graybar Electric Co., Southern yellow pine. Terms net.
(G) H. A. Browning, Douglas fir Terms net.
(H) General Electric Sup. Co., Southern yellow pine. Terms net.
(I) Texas Creosoting Co., Southern yellow pine. Terms net.
(J) National Lumber & Creosoting Co., Southern yellow pine. Terms net.
(K) Neidermier and Martin Lumber Co., Douglas fir or Southrn yellow pine.
(L) James R. Hall, Douglas fir. Discount 2% 10 days.
(M) Pan-Pacific Piling & Const. Co., Douglas fir.

The bids were:

	(1)	(2)	3)	(4)
(A)	$3.85	$3.15	$6.25	$5.10
(B)	5.30	4.45	7.90	7.00
(C)	5.66	4.68	8.30	6.93
(D)	6.93	5.63	10.98	9.03
(E)	5.70	4.75	9.45	7.85
(F)	5.18	3.83	9.35	7.01
(G)	6.00	5.10	8.45	8.30
(H)	4.21	3.12	7.61	5.71
(I)	5.18	3.83	9.35	7.01
(J)	5.04	3.70	9.01	6.75
(K)	5.20	3.80	9.40	7.00
(L)	5.67	4.76	8.45	7.49
(M)	6.69	6.31	10.59	9.01

BIDS OPENED

SAN FRANCISCO — Bruno Skibo, 145 Lake St., Oakland, at $0.74 pr ton, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1444 for hauling approximately 1715 tons of 6-in. and 286 tons of 8-in. cast iron pipe from any pier in San Francisco to (1) Ocean Ave., and Phelan St., or (2) Univertity Mound.

Complete bids follow:

(A) Bruno Skibo, (1) $0.74; (2) $0.74.
(B) Damon A. Lewis, (1) $0.875; (2) $0.935; (2) $0.835.
(C) Independent Carrier Co., (1) $0.835.
(D) G. W. Thomas Draying Co., (1) $1.15; (2) $1.15.
(E) Siaas Co., (1) $1.1812; (2) $1.1812.
(F) Joseph D. Sheedy, (1) $1.20; (2) $1.20.
G) J. A. Clark Draying Co., (1) $1.20; (2) $1.20.
(H) Thompson Bros., (1) $1.20; (2) $1.35.
(I) John McCarthy & Son, (1) $1.25; (2) $1.25.
(J) M. & D. Co., (1) $1.32; (2) $1.32.
(K) Overland Freight Co., (1) $1.45; (2) $1.45.
(L) Daniel Gallagher, (1) $1.45; (2) $1.45.
(M) Carley-Hamilton Co., (1) $1.50; (2) $1.75.

Bids taken under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Pennsylvania Iron & Steel Co., 2308 Santa Fe Ave., Los Angeles, submitted the low bid to the Metropolitan Water District Sept. 23 at $8789.00 for furnishing 70 l.f. of steel movable exterior - form structures for concrete cut-and-cover conduit, Spec. No. 127. The bid included an alternate deducting $168, using raw type hydaulic jack. Discount ½ of 1% fob Los Angeles. Bid includes sales tax. The other bids were:

Pacific Iron & Steel Co., Ltd., $8925. No discount.

Consolidated Steel Corp., Ltd., $9,590. No discount.

Western Pipe & Steel Co., $9692. No discount.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND, Calif.—Until Oct. 9, 8 P. M., bids will be received by East Bay Municipal Utility District, John H. Kimball, Secretary, 512 Sixteenth St., Oakland, for furnishing 50,000 l.f. ¾-in. seamless copper tubing; Bid No. LS-156.

Specifications and proposal forms on application to above.

OAKLAND, Cal.—Until Oct. 2, 5:30 P. M., bids will be received by East Bay Municipal Utility District, John H. Kimball, Secretary, 512 Sixteenth Street, Oakland, for furnishing 2,000 water meters; Bid No. L.S.-157.

Specifications and proposal forms on application to above.

CALIFORNIA STATE

EUREKA, Humboldt Co., Cal.—Until September 30, 11 A. M., bids will be received by State Division of Highways, J. W. Vickrey, District Engineer, Eureka, for rental of four three-yard dump trucks, two to be used not to exceed 500 hours and two of 1000 hours each. Trucks to work under shovels hauling slide material or gravel at various points in District I.

Specifications and proposal forms on application to above. *

SAN FRANCISCO CITY

SAN FRANCISCO—Until September 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Manufactured Furniture for the School Department; Invitation No. 1449.

Specifications and proposal forms from above.

SAN FRANCISCO—Until September 30, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Stock Furniture for the School Department; Invitation No. 1448.

Specifications and proposal forms on application to above.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Oct. 1, 3 P. M., bids will be received by U. S. Engineer Office, Lieut.-Col. L. B. Chambers, Rm. 208, Post Office Bldg., Sacramento, for furnishing globe valves 1½- and 3-in. sizes for delivery at Rio Vista; Proposal No. 1105-36-53.

Specifications and proposal forms on application to above.

LOS ANGELES, Cal.—Until Oct. 3, 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing two one-yard Diesel engine driven, crawler type power shovels complete for use in the construction of two rock jetties protected channel reinforced concrete cover on Ballona Creek. Circular Prop. No. ER-509-36-56.

LOS ANGELES, Cal.—Until Oct. 3, 3 P. M., bids will be received by the U. S. Engineer, 751 S. Figueroa St., Los Angeles, for furnishing two complete, Diesel engine driven crawler type, power cranes. Circular Prop. ER-509-1936-37.

SACRAMENTO, Cal.—Until Oct. 4, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing one 4-cylinder oil burning engine as replacement for engine on a ¾-yd. Northwest dragline.

Specifications and proposal form on application to the above. *

SACRAMENTO, Cal.—Until Oct. 2, 3 P. M., bids will be received by the U. S. Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing steel castings as follows:

(1) two forged steel keys for fastening dredge cutter to cutter shaft;
2) two forged steel sockets for dredge cutter keys;
(3) one dredge cutter;
(4) two rough castings, made of bronze.

Specifications and proposal form on application to the above. *

REDDING, Cal. — Until October 2, 10:00 A. M., bids will be received by the Redding District Quartermaster, Civilian Conservation Corps, Lt. T. L. Ricks, purchasing and contracting officer, Redding, under Invitation No. 5910-36-24 for furnishing electric materials, plumbing and sheet metal for District Headquarters Detachment. Delivery f.o.b. campsite.

Specifications obtainable from the above office.

RECLAMATION BUREAU

OGDEN, Utah:—Until Oct. 10, 10 A. M., bids will be received by the U. S. Reclamation Service, S. O. Harper, Acting Chief Engineer, Customhouse, Denver, for furnishing precast reinforced concrete pipe for use in construction of structures on canals in the Ogden River Project, Utah; Spec. No. 722-D.

Specifications may be obtained from above on applicatioon; no charge to prospective bidders; to others $0.50 per set.

MET. WATER DISTRICT

LOS ANGELES, Cal.—Until Oct. 10, 10 A. M., bids will be received by the Metropolitan Water District, 306 W. 3rd St., for furnishing 109,000 tons of concrete aggregate for concrete lining for San Jacinto tunnel up to Dec. 31, 1936, and 150,000 tons additional up to Dec. 31, 1939, in accordance with Specifications No. 129. Copies of the specifications may be obtained at room 1007, 306 W. 3rd St., upon payment of $2 per set. Certified or cashier's check, 10%.

CANAL ZONE

PANAMA CANAL.—Until October 1 10:30 A. M., bids will be received by the General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing motor trucks, steel shelving, steel strapping, cable, wire telephone exchange distributing frames, electric lighting fixtures, transformers, lamp guards, cartridge fuses, push-buttons, cast-iron pipe fittings, gate valves, bolts, nuts, washers, screws, rivets, drawer locks, expansion shields, night latches, hinges, barrel bolts, hooks and eyes, hand sprayers, water coolers, water buckets, and oil circuit breakers; Schedule No. 3092.

Specifications and bid information may be obtained on application to the above and to the Assistant Purchasing Officer, Panama Canal, Fort Mason.

PANAMA CANAL. — Until Oct. 15, 10:30 A. M., bids will be received by the General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing 20,000 barrels of Portland cement in paper bags; Schedule No. 3091.

Specifications and bid information may be obtained on application to the above and to the Assistant Purchasing Officer, Panama Canal, Fort Mason.

LOS ANGELES CITY

LOS ANGELES, Cal.—Until October 4, 2 P. M., bids will be received by D. P. Nicklin, Purchasing Agent of the Los Angeles Water and Power Bureau, Room 740, 207 South Broadway, for furnishing one concrete mixing and placing plant f.o.b. cars, railroad siding, Lone Pine, Calif., under Specifications No. 1787. The bids will be taken as follows:

(1) One unit with mechanical placer.
(1-alt.) One unit as proposed under item (1) on 1-year rental basis.
(2-alt.) One unit as proposed under placer.
(2-alt.) One upnit as proposed under item (2) on 1-year rental basis.

Oakland Port Commission

OAKLAND, Alameda Co., Cal.—Until Sept. 30, 4:30 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing approximately 200 piles for use in the reconstruction of the apron wharf at the 7th St. unit, Outer Harbor Terminal.

Specifications obtainable from above office after September 26, upon deposit of $5.00. *

MERCED COUNTY

GUSTINE, Merced Co., Cal.—Until October 4, 8 P. M. (postponed from Sept. 30) bids will be received by the Gustine City Council, W. L. Chappell, City Clerk, for furnishing 10-ft. lift raw sewage pumps, motors, switches, as follows:

Proposal 1: One each, 680- 1360- and 2720-gals. per minute units;
Proposal 2: One each 330- 660- 1320- and 2640-gals. per minute units.

Plans and specifications may be seen at the office of the City Clerk, Peter-

U. S. INDIAN SERVICE

COOLIDGE, Ariz.—Until Sept. 30, 11:30 A. M., bids will be received by the U. S. Indian Irrigation Service Coolidge, for furnishing 20,000 pounds of No. 5 AWG, 3-strand, hard drawn bare copper cable fob bidder's shipping point or Coolidge. The cable is for use on the San Carlos project Adv. No. C-221. This is a Public Works Project, FP-221. The specifications are on file for examination at Room 725, 751 S. Figueroa St., Los Angeles.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire. Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

PLANS APPROVED

LOS ANGELES, Cal.—State Railroad Commission has approved construction of an overhead crossing on Quelrolo Street, Los Angeles, in place of the one previously approved for College Street. The crossing is part of the plan for constructing the Los Angeles Union passenger terminal depot. Cost is estimated at $477,000.

LOW BIDDER

MARICOPA COUNTY, Ariz.—Clinton Campbell Co., 90 W. Moreland Ave., Phoenix, at $9550 submitted the low bid to the Arizona State Highway Commission, Phoenix, for constructing a concrete bridge on the Mesa-Superior highway, FA 49; AFE 8065.

Del E. Webb Co. submitted the second low bid at $9992.

PLANS ORDERED

MERCED COUNTY, Calif.—County Surveyor W. E. Bedesen has been directed to submit plans for six bridges and three culverts to be constructed in the Legrand and Los Banos districts for approval of the Board of Supervisors at a meeting October 4.

BIDS WANTED

SONOMA CO., Cal.—Until Sept. 30, 12 o'clock noon (to be opened at 1:30 P. M.) bids will be received by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk of the Board, for constructing a bridge over Sonoma Creek at Boyes Springs in the First Supervisorial District.

The work involves:
(1) 200 c.y. structure excavation;
(2) 135 c.y. Class A concrete;
(3) 12,200 lbs. reinforcing steel;
(4) 23,760 lbs. structural steel;
(5) 29,185 ft. BM redwood lumber;
(6) 285 lbs. bolts and washers.

Specifications on file with the Clerk of the Board and with County Engineer E. A. Peugh.

BIDS WANTED

EL DORADO COUNTY, Cal.—Until Oct. 8, 2 P. M., bids will be received by El Dorado County Board of Supervisors, Arthur J. Kolerzke, Clerk of the Board, Court House, Placerville, for constructing two reinforced concrete bridges.

The bridges are to be constructed across Slate Creek at Cumming's Station in Road District No. 3 and across Eau Clair Creek at Fallen Leaf Post Office in Road District No. 5.

Plans and specifications on file with the Clerk of the Board and may be obtained on deposit of $10 per set, returnable.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—As previously reported, until Sept. 30, 10 A. M., bids will be received by Sacramento County Board of Supervisors, T. F. Patterson, County Clerk, Room 301, Court House Bldg., Sacramento, for constructing three trestles on the Wilder-Ferguson road over the Cosumnes River, about 22 miles below Sacramento.

Trestles will be of redwood pile and concrete deck 39- 96- and 419-ft. long.

The work involves:
(1) 4764 l.f. furnishing redwood piles;
(2) 3168 l.f. driving piles;
(3) 9,856 M ft. BM caps, select all-heart structural redwood in place
(4) 19,368 M. ft. BM bulkhead material and cross-bracing heart structural redwood sheathing;
(5) 83,355 M. ft. BM stringers, scabs and bridging, dense select all-heart structural redwood stringers, select all-heart structural redwood scabs and bridging;
(6) 24,376 M. ft. BM sub-floor heart structural redwood;
(7) 20,387 M. ft. BM posts, railings, blocks, select all-heart structural redwood;
(8) 260.11 c.y. concrete;
(3) 29,282 lbs. reinforcing steel;
(10) 800 c.y. excavation and backfill;
(11) lump sum removal of old struc.

Plans and specifications may be obtained from County Engineer J. J. Rooney.

CONTRACT AWARDED

SONOMA COUNTY, Cal.—John Carcano, 122 Clarinda Ave., San Rafael, at $13,777 awarded contract by State Division of Highways, Sacramento, for constructing a reinforced concrete girder bridge across Sonoma Creek about seven miles north of Sonoma, consisting of three 52-foot spans on concrete piers and abutments.

BIDS WANTED

OREGON STATE—Until October 8, 9 A. M., bids will be received by Oregon State Highway Commission, R. H. Baldock, Chief Engineer, Auditorium, Public Service Bldg., Portland, for bridge construction as follows:

CROOK AND DESCHUTES COS.: Construction of 12 concrete bridges or culverts on the Redmond-Bend Section of The Dalles-California Highway in Deschutes County, and widen and construct concrete sidewalks on bridge over Ochoco Creek at the east city limits of Prineville on the Ochoco Highway in Crook County. Federal Aid Projectst Nos. 123-B, C, E, G, H, and 175-A. Requires approximately 1101 cu. yds. excavation; 460 cu. yds. concrete [illegible] 250 lin. [illegible] of lumber [illegible] at Ochoco City.

Plans and [illegible] proposal blanks [illegible] State Highway Commission, [illegible] State Office Bldg., Salem, on deposit of $5 per set.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

22—DREDGING, HARBOR WORKS, EXCAVATION

ENGINEERS RETAINED

REDONDO, Los Angeles Co., Cal.—The firm of Koebig & Koebig, consulting engineers, has been retained by the Redondo Beach City Council to supervise all engineering work in connection with the proposed jetties, breakwater, and other work embraced in the proposed harbor development, if and when such work is started. Adolph H. Koebig was formally appointed harbor engineer. The cost is estimated at $1,00,000. C. C. Mangold, City Clerk; D. L. Bundy, City Engineer; Frank L. Perry, City Attorney, and the newly appointed engineer will work as a committee to present the project to the government for federal aid.

APPLICATION FILED

VENTURA, Cal.—The city of Ventura, through George F. Nicholson, harbor engineer, has presented to the State PWA engineer, Los Angeles, an application for $300,000 for a wharf and dock terminal development at Ventura harbor. The city hopes to secure through the rivers and harbors board construction of a government owned breakwater in Ventura Bay.

BIDS OPENED

PORTLAND, Oregon—Kuckenberg-Wittman Co., Inc., Board of Trade Bldg., Portland, at $16,983 submitted low bid to the U. S. Engineers, First Portland District, for bank clearing, bar clearing, grading river bank and constructing approximately 4,290 l.f. protective gravel fill along the Willamette River, Oregon, between Eugene and Harrisburg.

Only other bid received was from Kern & Kilbe, Portland at $17,728.75. The engineer's estimate was $[illegible] 110.25.

BIDS WANTED

SACRAMENTO COUNTY, Cal.—Until October 8, 3.00 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Sacramento, under Circular Proposal No. 1105-36-1 for raising and strengthening of an existing levee and construction of a new levee along the southerly bank of the American River easterly from the Meister District near Sacramento to a point near Mathews, a distance of about [illegible]. Work involves placing approximately 430,000 cu. yds. of earth in embankment, clearing and grubbing right-of-way, preparing embankment foundation and constructing [illegible] as may be disturbed by the levee construction.

Specifications [illegible] from the above office.

23—IRRIGATION PROJ.

FUNDS ASKED

SAN BENITO COUNTY, Cal.—Application for a loan and grant of $55,000 to finance construction of canals and improvements to the present system, has been filed with the PWA by the Hollister Irrigation District. Geo. C. Holberton, Engineer. 23

BIDS OPENED

ALCATRAZ ISLAND, Cal.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $2184 submitted low bid to U. S. Bureau of Prisons for placing raprap at Alcatraz Island, under Bid No. 451. Bids were taken as follows:

(1) Furnishing 300 pieces of stone or concrete riprap, each piece to be not less than 12 cu. ft. in content, per piece;

(2) Furnishing 300 tons of stone, not less than 12-in. and not more than 24-in. in largest dimension, per ton;

(3) Lump sum price for items 1 and 2.

Complete bids follow:

(A) Healy-Tibbits Constr. Co., $2184; no bid on items (1) or (2).

(B) Blake Bros Co., San Francisco, (1) $4.50; (2) $4.50; (3) $2700.

(C) Duncanson Harrelson Co., San Francisco, (1) $4.70; (2) $4.75; (3) $2835.

Award recommended to low bidder.

23—IRRIGATION PROJ.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works Division of Water Resources during the month of August, 1935:

Permit 4598, Application 8331 (Siskiyou Co.) issued to Chas. S. Goodrich, Somes Bar, Aug. 6, for 3.0 cfs from Tom Payne Creek, for mining purposes. Est. cost, $250.

Permit 4599, App. 8326 (Trinity Co.) issued to U. S. Shasta National Forest, Weaverville, Aug. 6, for 0.116 cfs from Brush Creek, for domestic purposes. Est. cost, $300.

Permit 4600, App. 7849 (San Diego Co.) issued to A. F. Hansen, Rivera, Aug. 7, for 400 ac. ft. per annum storage from flood waters of Sandia Creek for domestic purposes and irrigation of 280 acres. Est. cost, $15,000.

Permit 4601, App. 7954 (San Diego Co.) issued to Morton B. Machamer, Fallbrook, Aug. 7, for 2.6 cfs from Sandia Creek for irrigation of 168 acres. Est. cost, $2,500.

Permit 4602, App. 7955 (San Diego Co.) issued to John A. Marchant, So Pasadena, Aug. 7, for 2.5 cfs from Sandia Creek for irrigation of 91 acres Est. cost, $3,000.

Permit 4603, App. 8007 (San Diego Co.) issued to A. F. Hansen, Rivera, Aug. 7, for 2.5 cfs from Sandia Creek for domestic purposes and irrigation of 280 acres. Est. cost, $6,000.

Permit 4604, App. 8309 (Inyo Co.) issued to Nu-Nah Mining Co., Big Pine, August 7, for 1.0 cfs from Waucoba Creek, for mining and domestic purposes. Est. cost, $20,000.

Permit 4605, App. 8145 (Inyo County) issued to U. S. Inyo National Forest, Bishop, Aug. 8 for 800 gals. per day from South Fork Bishop Creek, for domestic purposes. Est. cost, $100.

Permit 4606, App. 8345 (Riverside Co.) issued to Grace L. Williams, Skyforest, Aug. 8, for 1,000 gals. per day from an unnamed spring for stock watering and domestic purposes. Estimated cost, $10.

Permit 4607, App. 8288 (Mono Co.) issued to H. Heyman, Long Beach Aug. 9, for 1500 gals. per day from Rock Creek for domestic purposes.

Permit 4608, App. 8317 (Mendocino Co.) issued to H. M. Carroll, Laytonville, Aug. 9, for 0.025 cfs from Mill Creek for recreational and domestic purposes. Est. cost, $100.

Permit 4609, App. 8133 (Siskiyou Co.) issued to Gossip Placer Mining Co., Somes Bar, Aug. 9, for 25 cfs from Crapo Creek, for mining and domestic purposes. Est. cost, $2,500.

Permit 4610, App. 8245 (Inyo Co.) issued to Ingle Carpenter, Los Angeles, Aug. 15, for 1.3 cfs from Rock Creek, for power purposes.

Permit 4611, App. 8358 (Monterey Co.) issued to State Division of Highways, Sacramento, Aug. 15, for 500 gals. per day from El Senador Creek, for recreational purposes. Est. cost, $100.

Permit 4612, App. 8165 (Siskiyou Co.) issued to John Teukert, Sawyers Bar, Aug. 17, for 3.0 cfs from Evening Star Creek, for mining and domestic purposes. Est. cost, $500.

Permit 4613, App. 8275 (Siskiyou Co.) issued to E. G. Sundfelt, Seattle Aug. 17 for 2.0 cfs from Eddy's Gulch for domestic and mining purposes. Est. cost, $500.

Permit 4614, App. 8360 (Humboldt Co.) issued to Dr. and Mrs. C. G. Wiggins, Korbel, Aug. 23, for 0.13 cfs from Mad River, for irrigation of 3 acres. Est. cost, $125.

Permit 4615, App. 8255 (Kern Co.) issued to Crescent Bay Council, Boy Scouts of America, Santa Monica, August 24, for 0.01 cfs from three unnamed springs for recreational and domestic purposes. Est. cost, $100.

Permit 4616, App. 8341 (San Bernardino Co.) issued to Fred W. Alexander, Fontana, Aug. 26, for 0.1 cfs from an unnamed seepage hole, for mining and domestic purposes. Est. cost, $750.

Permit 4617, App. 8384 (Monterey Co.) issued to State Division of Highways, Sacramento, Aug. 29, for 550 gals. per day from an unnamed spring for recreational purposes.

Permit 4618, App. 8389 (Tuolumne Co.) issued to L. L. Coffer and M. J. Preshaw, Sonora, Aug. 29, for 0.75 cfs from Mormon Creek, for irrigation of 38 acres. Est. cost, $1,000.

Permit 4619, App. 8391 (Humboldt Co.) issued to State Division of Fish and Game, San Francisco, Aug. 29, for 3.0 cfs from Lost Man Creek, for recreational and domestic purposes. Estimated cost, $1800.

APPLICATIONS FILED

SACRAMENTO, Calif.—Application for permit to approriate water filed with the State Department of Public Works, Division of Water Resources, during August 1, 1935:

Application 8401 (Kern County) Mrs. Carrie M. Beaty, Weldon, Calif., for 1 c.f.s. from Fay Gulch, tributary to South Fork Kern River. To be diverted for power purposes. Twenty-seven H.P. to be developed. Estimated cost, $500.

App. 8405 (San Bernardino County) Harbor Service Co., San Pedro, Calif., for 200 gals. per day from Fern Canyon Spring, tributary to Big Bear Valley. To be diverted for domestic purposes. Est. cost $400.

Ap. 8406 (Sacramento Co.) Frank Tade, Sacramento, Calif., for 1 c.f.s. from Mokelumne River, diverted for irrigation purposes on 85 acres. Est cost $100.

App. 8407 (Lake Co.) Park Abbott, Cobb, Calif., for 0.25 c.f.s. and 4 acre ft. per annum from Carter Creek, tributary to Kelsey Creek. To be diverted for domestic puposes on 20 acres. Est. cost $300.

App 8408 (Inyo Co.) J. P. Bowman, Lone Pine, Calif. for 0.2 c.f.s. from Willow Creek. To be diverted for irrigation and domestic purposes on 10 acres.

App. 8409 (Del Norte Co.) Francis M. Stump, Crescent City, Calif., for 0.10 c.f.s. from Rock Creek, tributary to Smith River. To be diverted for irrigation and domestic purposes on 2 acres. Est. cost $200.

App. 8410 (Nevada Co.) W. P. Clerkin, French Corral, Calif., for 10,000 acre ft. per annum from South Fork Middle Yuba River. To be diverted for mining and domestic purposes

App. 8411 (Nevada Co.) San Juan Ridge Mutual Water Users Assn., Marysville, Calif., for 10,000 acre ft. per annum from South Fork Middle Yuba River. To be diverted for irrigation and domestic purposes on 22,000 acres.

App. 8412 (Del Norte Co.) T. N. McDaniel, Crescent City, Calif., for 25 c.f.s. from Graiga Creek, tributary to South Fork Smith River. To be diverted for mining purposes. Est. cost $2500.

App. 8413 (San Joaquin Co.) C. G. Outland, Route 3, Box 94, Modesto, Calif., for 1 c.f.s. from Lone Tree Creek tributary to San Joaquin River To be diverted for irrigation on 70 acres. Est. cost $2000.

App. 8414 (Siskiyou Co.) Wm. A. Hedges, Forks of Salmon, Calif., for 1 c.f.s. from Picayme Gulch, tributary to North Fork of Salmon River. To be diverted for mining purposes. Est. cost $100.

App. 8415 (Modoc Co.) Frank Morell, Fort Bidwell, Calif., for 3 c.f.s. from Armand Spring, tributary to West Fork Bidwell Creek. To be diverted for mining and domestic purposes. Est. cost $2000.

App. 8416 (Modoc Co.) Frank Morell, Fort Bidwell, Calif., for 3 c.f.s. from West Fork Bidwell Creek, tributary to Bidwell Creek. To be diverted for mining and domestic purposes. Est. cost $10,000.

App. 8417 (Modoc Co.) Frank Morell, Fort Bidwell, Calif., for 1 c.f.s. from Morell Spring, tributary to West Fork Bidwell Creek. To be diverted for mining and domestic purposes. Est. cost $2000.

App. 8418 (San Diego Co.) City of Oceanside, Calif., for 12.5 c.f.s. from San Luis Rey River, diverted for municipal purposes. Est. cost $107,000.

App. 8419 (Siskiyou Co.) Walter E. Shores, Seiad Valley, Calif., for 3 c.f.s. from an unnamed creek, tributary to Klamath River. To be diverted for mining and domestic purposes.

App. 8420 (San Bernardino Co.) Joseph and Emmet Haines, Glendora, Calif., for 650 gals. per day from a spring tributary to Big Bear Lake. To be diverted for domestic purposes. Est. cost $90.

App. 8421 (San Bernardino Co.) John T. and Bess S. Woodson, San Fernando, Calif., for 200 gals. per day from Don Carlos Spring, tributary to Big Bear Lake. To be diverted for domestic purposes. Est. cost $350.

App. 8422 (Butte Co.) Herman Kiel Paradise, Calif., for 0.025 c.f.s. from Ogden Creek, tributary to West Branch of Feather River. To be diverted for domestic purposes.

App. 8423 (Inyo Co.) J. H. Thorndike, Trona, Calif., for 0.05 c.f.s. from an unnamed spring, tributary to Wild Rose Canyan. To be diverted for irrigation and domestic purposes on 12 acres. Est. cost $500.

App. 8424 (Siskiyou Co.) Mrs. Virginia Brown, Cecilville, Calif., for 125 c.f.s. from East Fork of South Fork Salmon River, tributary to Salmon River. To be diverted for mining purposes.

App. 8425 (Humboldt Co.) Frank G. Steward, 1047 Sierra St., Berkeley, Calif., for 85 c.f.s. from 7 streams, tributary to Hoss Lintco and Cedar Creeks, thence Trinity River. To be diverted for mining purposes.

App. 8426 (Humboldt Co.) County of Humboldt, Eureka, Calif., for 100 gins. per minute from an unnamed stream, tributary to Eureka Slough. To be diverted for irrigation and domestic purposes on 5½ acres. Estimated cost $1000.

App. 8427 (Trinity Co.) Wm. J. Drynen, Administrator of Estate of John Sheridan, % F. L. Griffith, Weaverville, Calif., for 3 c.f.s. from Simpson Gulch, tributary to Trinity River. To be diverted for mining purposes Est. cost $1200.

App. 8428 (Humboldt Co.) Frank G. Steward, Berkeley, Calif., for 50 c.f.s from Ferguson Creek and unnamed creek, tributary to Hoss Linto Creek. To be diverted for mining and domestic purposes.

App. 8429 (Amador Co.) Raymond Silva, Sacramento, Calif., for 270,000 acre feet per annum from Consumnes River, tributary to Mokelumne River. To be diverted for power purposes. T. H.P. to be developed 13,360. Esti. cost $5,750,000.

App. 8430 (Amador Co.) Raymond Silva, Sacramento, Calif., for 270,000 acre feet per annum from Consumnes River, tributary to Mokelumne River. To be diverted for municipal purposes.

Ap. 8431 (El Dorado Co.) L. Huntley, Auburn, Calif., for 0.003 c.f.s. from Lake Tahoe. To be diverted for domestic purposes. Est. Cost $700.

App. 8432 (Sierra Co.) Joseph P. Bachels, Goodyear's Bar, Calif., for 0.15 c.f.s. from an unnamed spring, tributary to North Fork Yuba River. To be diverted for domestic purposes. Est. cost, $100.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO. — Bids received by National Park Service, F. A. Kittredge, Chief Engineer, San Francisco, for furnishing one 300-ampere electric arc welder, complete with accessories for delivery to Crater Lake National Park (fob Chiloquin, Ore.):

Lincoln Electric Co., San Francisco, net, fob Chiloquin, 3 days; (1) $557.60 (1a) $425.85.

Harnischfeger Sales Corp., San Francisco, net, fob Chiloquin, 12 days. (1) $568.81; (1a) $421.26.

USL Battery Sales Corp., Oakland, 2% 10 days, fob Niagara Falls, N. Y., 8 days: (1) $602; (1a) $442.

General Electric Co., San Francisco, net, fob Lynn, Mass., 2 days: (1) $626.

Herberts-Moore Machinery Co., San Francisco, net, fob Emeryville (freight allowed to destination) one day, (1) $641.19; (1a) $482.99.

Air Reduction Sales Co., Emeryville, net, fob Chiloquin, 21 days: (1) $642.60; (1a) $486.60.

Edward R. Bacon Co., San Francisco, net, fob Chiloquin, 2 days. (1) $664.50; (1a) $509.50.

Victor Equipment Co., San Francisco, net, fob Lynn, Mass. 2 days. (1) $664.50; (1a) $509.50.

September 23, 1935

BIDS OPENED

SAN FRANCISCO.—R. G. LeTourneau, Inc., Stockton, at $75 per mo. per unit, submitted the only bid received by Jas. T. Forster, Assistant Procurement Engineer, U. S. Forest Service, for rental of three double drum hoists. Alternate proposal, optional purchase price of unit to be mounted on Allis-Chalmers "45", Caterpillar "60" or Cletrac "35", was $786.25 per unit. Prices quoted are for delivery fob Stockton.

September 23, 1935

CONTRACT AWARDED

BOULDER CITY, Nev.—Allis-Chalmers Mfg. Co., Milwaukee, Wis., at $41,133 awarded contract by the U. S. Bureau of Reclamation for furnishing oil circuit breaker for Boulder Project; Spec. No. 701-D.

BIDS OPENED

SAN FRANCISCO. — Lincoln Electric Co., 894 Folsom Street, at $512.12 net, submitted low bid to F. E. Brown Procurement Engineer, U. S. Forest Service, under Contract No. 684 for furnishing one 300-ampere electric welding generator, complete with controls for mounting on a Government-owned gasoline engine-mounted trailer. Delivery fob Oakland or San Francisco.

Other bids were:

Harnischfeger Sales Corp., $524.25 net, fob Oakland; U. S. L. Battery Sales Corp., $550.66 fob Niagara Falls, N. Y., $580 fob Oakland, less discount 2% 10 days; General Electric Co., $586 net, fob Oakland; Air Reduction Sales Co., $589 net, fob Oakland or North Bergen, N. Y.; Hobart Bros. Co., $560 fob Troy, N. Y., $590 fob Oakland net; Schrader Elec. Co., Inc., $697.85 net, fob Oakland.

Bids taken under advisement.

BIDS OPENED

SAN FRANCISCO. — H. V. Carter Co., 52 Beale St., at $831.25 submitted low bid to the National Park Service for furnishing one pneumatic-tired industrial type tractor for the Death Valley National Monument.

Bids were received from the following:

H. V. Carter Co., $831.25 fob destination; starter, $25 extra.

International Harvester Co., $1,333.50 fob Chicago, complete with starter

J. I. Case Co., $1,399.65 fob Reno, Nevada; starter $101 extra.

Edward R. Bacon Co., $1,664 fob destination; starter $110 extra.

Bids taken under advisement

BIDS OPENED

SAN FRANCISCO—W. S. Darley & Co., Chicago, Ill., at $325 submitted low bid to the National Park Service for furnishing one direct-drive centrifugal tire pump for mounting on truck, for Grand Canyon National Park. Bids were as follows:

(A) W. S. Darley & Co., (f.o.b. Grand Canyon), $325.

(B) L. J. Hock Motor Co. (f.o.b. Chicago), $329.20.

(C) Pacific Fire Extinguisher Co. (f. o.b. Chicago) $339.

(D) Calif. Fire Extinguisher Co. (f.o. b. Battle Creek, Mich.), $420.

(E) Simonds Machinery Co., (f.o.b. Battle Creek, Mich), $420; (f.o.b. Grand Canyon), $430.50.

Bids taken under advisement.

BIDS OPENED

SAN FRANCISCO.—Schott & Katz, 310 Fonth Street, at $173.60 fob San Francisco, or $175.00 for Quincy, submitted low bid to U. S. Forest Service, F. E. Brown, Procurement Engineer, for furnishing one small air compressor for delivery at Quincy, Cal., under Contract No. 688. Prices quoted less discount 2% 10 days.

Complete bids follow:

Schott & Katz, 173.60 fob San Francisco; $175 for Quincy; discount 2% 10 days

Ingersoll-Rand Co. of California, San Francisco, $201 for San Francisco or Quincy; net

Worthington Co., San Francisco, $216 for San Francisco or Quincy; net net

Baker Hanson Air Equipment Co., Alameda, $216.72 fob Alameda, $226.72 for Quincy, discount 2% 10 days

The Rix Co., Inc., $227.50 fob San Francisco, $232.00 fob Quincy; net.

Hallett Mfg. Co., Los Angeles, $239.75 fob Los Angeles; $253.16 fob Quincy discount, 1% 10 days.

Award to low bidder recommended.

28 — FIRE EQUIPMENT

BIDS WANTED

RICHMOND, Contra Costa Co., Cal. — Until October 7, 8 P. M., bids will be received by Richmond City Council for furnishing one new pumping engine for the Fire Department. The equipment is to include 600-gal. pump and 150-gal. tank. Appropriation $8,000.

BIDS WANTED

SAN DIEGO, Cal.—Until Oct. 3, 11 A. M., bids will be received by Navy Department, Public Works Officer, 11th Naval District, foot of Broadway San Diego, for furnishing and installing manually-operated carbon dioxide fire protection system in 12 gasoline dispensing pits; Spec. No. 8078.

Specifications may be obtained from the above on deposit of $10.

CONTRACT AWARDED

MARYSVILLE, Yuba Co., Cal. — American LaFrance & Foamite Co., San Francisco, awarded contract by Marysville City Council at $9115.50 for furnishing pumping engine for the Fire Department.

29—STREETS AND HIGHWAYS

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. —Until Sept. 30, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for treating about 10.5 miles with liquid asphalt between Camp Angelus and South Fork of Santa Ana River on the Mill Creek Road in San Bernardino County.

The work involves:

(1) 450 tons liquid asphalt SC-2.

Specifications and proposal form on application to above.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 2nd, 1.45 P. M., informal bids will be received by Dept. of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,888 for improvement of the Laidley Street slide between Roanoke and Mateo Streets.

Estimated cost $562.

The work involves:

(1) 31,000 sq. ft. oiling;

(2) 150 c.y. excavation;

(3) 1,100 sq. ft. 2-in. emulsified asphalt walk with 4-in. macadam base.

Specifications obtainable from City Engineer John J. Casey, Room 367, City Hall

BIDS WANTED

SONOMA COUNTY, Cal.—Until Oct. 7, 8 P. M. (to be opened at 9 P. M.) bids will be received by the Sonoma City Council, H. W. Gottenberg, city clerk, for applying approximately 150,000 sq. ft. armor coat to streets in the city of Sonoma.

Specifications on file in the office of the City Clerk and may be obtained from the City Engineer on pay-

[illegible] which will not be re-[illegible]

CONTRACT AWARDED

[illegible] APACHE & NAVAJO COS., Ariz.—[illegible] George W. Orr, El Paso, Texas, at $[illegible] (using Laykold) awarded contract by U. S. Bureau of Public Rds., [illegible] H. Sweetser, District Engineer, San Francisco, for placing a bituminous treated surfacing on 25.303 miles of Sections A, B1 and B2 of Route [illegible] and all of Route 2 of the Petrified Forest National Monument, Apache and Navajo Counties.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—M. J. B. Construction Co., 319 Elks Building, San Francisco, at $72,733 awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for placing crushed gravel base course on Section C of Route 38, Sonora Pass National Forest Highway and placing a crushed gravel bituminous treated surfacing on Section A of Route 83, Pine Crest National Forest Highway, Tuolumne County, a length of 7.206 miles.

LOW BIDDER

GILA-NAVAJO COUNTIES, Ariz.—O. F. Fisher, 923 Willetta St., Phoenix, at $184,783 submitted low bid to the State Highway Commission, Phoenix, for highway construction of the Globe-Showlow highway, F.A. 99-H; APE 6057. The work begins about 50 miles northeast of Globe and extends northeasterly about 6.4 miles, and consists of grading and draining.

George Orr, El Paso, submitted the second low bid of $188,202.

BIDS WANTED

COCONINO COUNTY, Ariz.—Until October 4, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Flagstaff-Fredonia Highway, FA 95-F, A.F.E. 8921. The work, which begins at the north end of F. A. 95-B, about 92 miles north of Flagstaff, and extends northerly approximately 11 miles, consists of grading and draining the roadway and placing select material and A.B.C.

The principal items and approximate quantities are:

32,000 cu. yds. roadway excavation;
43,800 cu. yds. drainage excavation;
2,700 cu. yds. structure excav.;
13,000 cu. yds. imported borrow;
39,500 cu. yds. select material;
14,000 cu. yds. A.B.C.;
1,650 cu. yds. concrete;
144,500 lbs. reinf. steel;
2,578 lin. ft. C.M. pipe(various sizes)
120,000 lin. ft. standard line fence;
500 hours of rolling;
500 M gals. water for sprinkling;
700 cu. yds. plain riprap.

Certified or cashier's check, 5%. T. S. O'Connell, State Highway Engineer.

PLANS COMPLETED

BERKELEY, Alameda Co., Calif.—City Engineer Harry Goodridge has completed plans for widening of Ashby avenue between Domingo avenue and Claremont boulevard. City Council is expected to take bids in about two weeks. The work includes widening on the south side, paving and resurfacing portions.

BIDS WANTED

ALAMEDA CO., Cal.—Until Oct. 7, 2 P. M., bids will be received by the State Division of Highways, Jno H. Skegg, District Engineer, 211 State Bldg., San Francisco, for constructing crusher run base and applying liquid asphalt on about two miles between Scott Corner and Arroyo Del Valle Bridge, Alameda County.

The work involves:
(1) 5,600 tons crusher run base;
(2) 32 tons liquid asphalt, SC-1A.

Plans and specifications and proposal forms may be obtained from above office.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until October 8, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tempe - Mesa Highway (F.A. 8-A Reopened; A.F.E. 515). The work, which is located within the city limits of Mesa, consists of widening ½ mile of existing pavement with Portland cement concrete, and is to be completed on or before December 31, 1935.

The principal items and approximate quantities are:

2000 cu. yds. roadway excavation;
320 cu. yds. structural excavation;
35 cu. yds. Class A concrete;
2600 lbs. reinforcing steel;
534 lin. ft. corrugated metal pipe sizes);
50 lin. ft. 12-in. plain conc. pipe;
668 lin. ft. 30-in. plain conc. pipe;
88 lin. ft. 30-in. reinf. conc. pipe;
2800 sq. yds. gravel walk;
and other incidental items.

Certified or cashier's check 5%. Plans may be obtained from T. S. O'Connell, State Highway Engineer. Funds in the sum of $30,000 have been programmed for this construction.

BIDS WANTED

PIMA COUNTY, Ariz.—Until Oct. 4, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Tucson-Nogales Highway. The work, wihch begins about 1.2 mi. south of the south city limits of Tucson and extends southerly approximately 1.5 miles, consists of widening and resurfacing existing pavement, and is to be completed on or before February 29, 1936.

The principal items are:

2,000 cu. yds roadway excavation;
350 cu. yds. structure excavation;
12,000 cu. yds. imported borrow;
21,000 cu. yd. mi. imported borrow haul;
350 cu. yds. structure excavation;
27,500 lbs. reinf. steel;
3,400 lin. ft. combined curb & gutter;
4,000 tons plant mix;
200 tons cutback asphalt;
235 cu. yds. screenings;
40 cu. yds. remove old concrete;
16,300 lin. ft. formation and finishing shoulders.

Certified or cashier's check, 5%. Plans may be obtained from T. S. O'Connell, State Highway Engineer. Funds in the sum of $50,000 have been programmed for this project.

BIDS WANTED

GRAHAM COUNTY, Ariz. — Until October 8, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Geronimo-Solomonville Highway, F. A. 43, Reopened; A.F.E. 542. The work, which is located in the town of Safford, consists of widening existing pavement with Portland cement concrete, and is to be completed on or before Dec. 15, 1935.

The principal items and approximate quantities are:

800 cu. yds. roadway excavation;
4060 sq. yds. concrete pavement;
1000 lin. ft. combined curb and gutter;
110 lin. ft. 24-in. C. M. pipe;
100 lin. ft. valley gutter;
750 lin. ft. standard line fence,
and other incidental items.

Certified or cashier's check, 5%. Plans may be obtained from T. S. O'Connell, State Highway Engineer. Funds in the sum of $15,500 have been programmed for this construction.

BIDS OPENED

MONTEREY COUNTY, Calif.—Pacific Truck Service, 646 Park Ave., San Jose, at $6412.50 submitted low bid to State Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for applying seal coat on 8.7 miles in Monterey County between King City and two miles south of Greenfield.

The work involves:
(1) 105 tons liquid asphalt, MC-5;
(2) 1270 tons screenings.

Complete bids follow:
(A) Pacific Truck Service, San Jose, $6412.50.
(B) Granite Const. Co., Watsonville, $6443.40.
(C) L. A. Brisco, Arroyo Grande, $6,834.25.
(D) Ernest L. Yeager, San Bernardino $7,412.00.
(E) Oilfields Trucking Co., Bakersfield, $8,215.50.

Unit prices follow:

	(1)	(2)
(A)	$18.98	$3.48
(B)	20.00	3.42
(C)	19.61	3.76
(D)	21.00	4.10
(E)	22.00	4.65

BIDS OPENED

SIERRA COUNTY, Calif.—Charles Kuppinger, Lakeport, at $16,943.90 submitted the only bid received by State Division of Highways, C. H. Purcell, Chief Engineer, Sacramento, for about 0.12 mile grading in Sierra County at Downieville.

The work involves:
(1) 1.5 acres clearing and grubbing right of way;
(2) 140 M. gallons water;
(3) 6,500 c.y. rdwy. excav., unclass.;
(4) 1,000 c.y. structure excavation;
(5) 174,500 sta. yds. overhaul;
(6)1,800 c.y. selected stone embankment;
(7) 7 stations finishing rdwy.;
(8) 86 l.f. 8-in. CMP;
(9) 16 each monuments stockpiled;
(10) 9 each monuments complete in place.

Unit prices follow: (1) $200; (2) $2; (3) $1; (4) $2.50; (5) $.01; (6) $3; (7) $10; (8) $0.90; (9) $2.50; (10) $3.50.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until October 7, 2 P. M., bids will be received by the State Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for constructing about .6 of a mile of Portland cement concrete curb and gutter and placing plant-mix surfacing on the shoulder adjacent thereto, between Mabel Street and Atlantic Blvd., Los Angeles County.

The work involves:
(1) 30 sta. clearing and grubbing the right of way;
(2) 48,000 gals. water, in place;
(3) 750 c.y. rdwy. excav., unclass.;
(4) 30 sta. finishing roadway;
(5) 5 tons liquid asph., MC-2 (prime coat) in place;
(6) 42 tons liquid do, MC-5 or MC-extra heavy (plant-mixed surf.)
(7) 790 tons mineral aggregate in place (plant-mixed surfacing);
(8) 220 c.y. Class A Portland cement concrete in place (curbs and gutters);
(9) 32 l.f. curb armor in place;
(10) 1 c.y. concrete removed and disposed of.

Plans and specifications may be obtained from above office.

BIDS WANTED

LASSEN COUNTY, Cal.—Until Oct. 8, 2 P. M., bids will be received by

State Division of Highways, F. W. Haselwood, District Engineer, Redding, for grading 5.3 miles between Litchfield and 5.3 miles easterly, in Lassen County.

Specifications and proposal forms may be obtained at the above office.

CONTRACT AWARDED

MARIN CO., Calif.—Helwig Const. Co., Sebastopol, at $1,620.41 submitted low bid and awarded contract by the Marin County Board of Supervisors for applying 2400 barrels of heavy fuel oil on the following roads:

(1) Point Reyes Station - Petaluma Road fom State Highway No. 56 near Point Reyes Station to the Sonoma County Line, a distance of approximately 14.7 miles.

(2) Novato-Hicks Valley Road from Point Reyes Station-Petaluma Road easterly, a distance of approximately 2.4 miles.

The only other bid was by E. A. Forde, San Anselmo, at $1,632.65.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Oct. 17, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, State Bldg., Los Angeles, for about 1.5 miles of grading and paving with asphalt concrete between Verdugo Rd and Flintridge Country Club in Los Angeles County.

The work involves:

(1) 77 stations clearing and grubbing right-of-way;
(2) 650 M. gals. water;
(3) 16,000 c.y. rdwy. excav., unclass.;
(4) 10,500 c.y. structural excavation;
(5) 265,000 sta. yds. overhaul;
(6) 27,500 sq. yds. subgrade for pavement:
(7) 77 sta. finishing rdwy.;
(8) 1,600 tons mineral aggregate plant mixed surfacing;
(9) 85 tons liquid asphalt MC - 5 or MC - extra heavy plant - mixed surfacing;
(10) 10 tons liquid asphalt MC-2 prime coat plant-mixed surfacing;
(11) 10,730 tons asphalt concrete;
(12) 380 c.y. Class A Portland cement concrete;
(13) 23,000 lbs. bar reinf. steel structures and pavement;
(14) 530 each pavement dowels;
(15) 300 c.y. Class A Portland cement concrete structures;
(16) 90 l.f. 18-in. standard centrifugal reinforced concrete pipe;
(17) 350 l.f. 24-in. do;
(18) 240 l.f. 30-in. do;
(19) 170 l.f. 33-in. do;
(20) 170 l.f. 36-in. do;
(21) 780 l.f. 42-in. do;
(22) 1,380 l.f. 54-in. do;
(23) 1,360 l.f. 57-in. do:
(24) 30 l.f. 18-in. CMP;
(25) 20 l.f. 24-in. CMP;
(26) 100 l.f. cleaning and salvaging existing pipe culverts;
(27) 70 l.f. 6-in. plain concrete pipe;
(28) 1,550 c.y. Class A Portland cement concrete curbs, gutters & sidewalks;
(29) 600 sq. yds. asphaltic paint binder;
(30) 8,500 lbs. misc. iron and steel;
(31) 900 l.f. curb armor;
(32) 1,350 c.y. removing and disposing of concrete.

Plans and specifications may be obtained from the State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineer, San Francisco and Los Angeles.

CONTRACT AWARDED

INYO COUNTY, Cal. — Paulsen & March, 8275 Compton Ave., Los Angeles, at $5565 awarded contract by State Division of Highways, Sacramento, for 17.8 miles of liquid asphalt treatment in Inyo County, between the east boundary of Death Valley National Monument and 0.5 mile south of Death Valley Junction.

BIDS WANTED

SOLANO COUNTY, Cal.—Until Oct. 16, 2 P. M., bids will be received by State Division of Highways, C. H. Purcell, Chief Engineer, Public Works Bldg., Sacramento, for about 3.8 miles to be graded and paved with asphalt concrete or Portland cement concrete between 3.7 mi. north of Fairfield and 0.6 mi. south of Vacaville, Solano County.

The work involves:

(1) 149 stations clearing and grubbing right-of-way;
(2) 2200 M gals. water;
(3) 625 cu. yds. ditch excavation;
(4) 2425 cu. yds. struct. excav.;
(5) 201 stations finishing roadway;
(6) 565 cu. yds. salvaged surfacing base;
(7) 550 tons untreated crushed gravel or stone surfacing;
(8) 650 cu. yds. Class A Portland cement concrete structures;
(9) 7 cu. yds. Class F Portland cem. concrete railing;
(10) 63,000 lbs. bar reinf. steel structs.
(11) 732 lin. ft. furnishing steel piling;
(12) 28 each driving steel piles;
(13) 516 lbs. bronze expansion plates;
(14) 232 lin. ft. 8-in. CMP;
(15) 252 lin. ft. 30-in. CMP;
(16) 94 lin. ft. 66-in. CMP;
(17) 312 lin. ft. 18-in. CMP siphons;
(18) 248 lin. ft. 36-in. CMP siphons;
(19) 42 lin. ft. exist. CMP removed and cleaned and salvaged;
(20) 40 lin. ft. exist. CMP removed and cleaned and relaid;
(21) 300 lin. ft. 90-in. multiplate CMP;
(22) 15 each 18-in. conc. joints pipe-siphons;
(23) 16 each 36-in. do;
(24) 112 lin. ft. laminated guard rail;
(25) 1.0 mile new property fence;
(26) 1.0 mile remove and reset property fences;
(27) 10 each drive gates;
(28) 1 only exist bridge removed and disposed of;
(29) 76 each monuments complete in place;

Alternative Items

Alternate A

(30) 96,700 cu. yds. rdwy. excav. without class;
(31) 43,000 cu. yds. imported borrow;
(32) 337,000 sta. yds. overhaul;
(33) 815 cu. yds. conc. removed and disposed of;
(34) 42,350 sq. yds. subgrade preparation;
(35) 502 tons liquid asphalt SC-2;
(36) 63,700 sq. yds. preparing, mixing and shaping shoulders, slopes, gutters and detours;
(37) 20 cu. yds. Class A Portland cem. concrete bridge approach slabs;
(38) 2200 lbs. bar reinf. steel bridge approach slabs;
(39) 18,840 tons asphalt concrete;
(40) 1164 lin. ft. 18-in. CMP;
(41) 68 lin. 24-in. CMP;
(42) 2 each headwalls removed and reset;
(43) 4350 sq. yds. asph. paint binder;

Alternative B

(44) 95,400 cu. yds. rdwy. excav. without class;
(45) 40,000 cu. yds. imported borrow;
(46) 244,000 station yds. overhaul;
(47) 785 cu. yds. conc. removed and disposed of;
(48) 44,150 sq. yds. subgrade preparation;
(49) 285 tons mineral aggregate plant mixed surfacing;
(50) 15 tons liquid asphalt MC-5 or MC-extra heavy plant mixed surfacing;
(51) [illegible] tons liquid asphalt MC 2 [illegible] coat;
(52) 2 tons liquid [illegible] coat;
(53) 15 tons stone [illegible] coat,
(54) 508 tons liquid asphalt [illegible]
(55) 64,800 sq. yds. preparing [illegible] and shaping shoulders, [illegible] gutters and detours;
(56) 8560 cu. yds. Class A [illegible] cement concrete pavement
(57) 12,500 lbs. bar reinf. steel [illegible]
(58) 12,000 each pavement dowels
(59) 1158 lin. ft. 18-in. CMP.
(60) 84 lin. ft. 24-in. CMP;
(61) 4 each headwalls removed and reset;
(62) 6 each type "A-20" double traffic lane pavement crossing devices.
(63) 2 each type "A-20" single traffic lane pavement crossing devices

NOTE—"Alternative "A" sets forth the necessary items for the construction of pavement with asphalt concrete "Alternative B" sets forth the necessary items for the construction of the pavement with Portland Cement concrete.

Plans and specifications may be obtained from the State Highway Engineer, P. O. Box 1499, Sacramento, and on file in the offices of the District Engineer, San Francisco and Los Angeles.

BIDS OPENED

SHASTA COUNTY, Cal.—Frank C Cuffe, Box 441, San Rafael, at $17,700.60 submitted low bid to the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for grading and placing subgrade reinforcement on 0.883 mile of Section H, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County

The work involves:

(1) 7 acres clearing;
(2) 6,200 c.y. unclass. excav.,
(3) 10,400 c.y. unclass. excavation for borrow;
(4) 50 c.y. unclass. excav. for struc.;
(5) 150 sta. yds. overhaul;
(6) 6,100 c.y. mi. borrow haul;
(7) 1,600 c.y. subgrade reinf.;
(8) 400 M. gals. watering;
(9) 118 l.f. 18-in. CMP;
(10) 48 l.f. 24-in. CMP;
(11) 84 l.f. 30-in. CMP;
(12) 60 l.f. 36-in. CMP;
(13) 12 c.y. concrete;
(14) 300 lbs. reinforcing steel,
(15) 10 each culvert markers;
(16) 12 each right of way monuments

Complete bids follow:

(A) Frank C. Cuffe, San Rafael, $17,700.60.
(B) Claude C. Wood, Stockton, $22,596.60.
(C) Hemstreet & Bell, Marysville, $21,799.50.
(D) Engineer,s estimate, $19,437.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1) ..	$175.00	$450.00	$250.00	$250.00
(2).....	.75	.80	1.40	1.00
(3).....	.40	.45	.43	.35
(4)	2.00	4.00	2.50	2.00
(5)...	.05	.05	.10	.02
(6)...	.18	.20	.15	.20
(7)...	2.60	3.50	4.00	2.50
(8)...	2.00	2.50	2.00	2.75
(9)...	1.95	2.35	1.85	2.05
(10).....	3.00	3.60	2.80	3.00
(11)	3.75	4.50	3.70	3.75
(12).....	5.75	7.00	5.70	5.[illegible]
(13)... .	30.00	32.50	45.00	35.00
(14).....	.07	.10	.10	.1[illegible]
(15).....	2.50	5.00	2.50	3.[illegible]
(16).....	5.00	5.00	3.50	1.[illegible]

Award of contract to Frank C. Cuffe recommended.

CONTRACT AWARDED

KERN COUNTY, Cal.—Basich Bros 20550 Normandie Ave. Torrance [illegible]

$7950 awarded contract by State Division of Highways, Sacramento, for grading about five miles between two miles southwest of Searles and Rademacher in Kern County

BIDS WANTED

BERKELEY, Cal.—Until October 8, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk for widening Ashby Ave., between Domingo Ave. and Claremont Boulevard, a distance of one block

The work involves:
(1) 110 cu. yds. grading.
(2) 5 cu. yds. grading below subgrade.
(3) 410 lin. ft curb and gutter;
(4) 11 tons crusher run base;
(5) 1000 sq. f.t bituminous surfacing;
(6) 3000 sq. ft. bituminous resurfacing
(7) 400 sq. ft. driveway;
(8) 570 sq. ft. sidewalk;
(9) 4 cu. yds. concrete wall.

Plans and specifications may be obtained from City Engineer Harry Goodridge on deposit of $10. •

BIDS WANTED

PETALUMA, Sonoma Co., Cal.—Until October 7, 7:30 P. M., bids will be received by City Council, Gladys V. Roberts, City Clerk street improvement as follows:

(1) Dana Street from its intersection with the south line of Webster street, a distance of 540 feet southerly and (2) Wilson street from its intersection with the west line of Washington street, approximately 950 feet northwesterly thereon.

The work involves applying approximately 46,700 square feet of armor coat or bituminous binder.

Specifications may be obtained on application to the City Clerk

CONTRACT AWARDED

COCONINO COUNTY, Ariz. — Lee Moor Const. Co., 807 Bassett Tower Bldg., El Paso, Texas, at $25,830 was awarded contract by the U. S. Bureau of Public Roads, C. H. Sweetser, District Engineer, San Francisco, for placing a seal coat on Section H of Route 1, all of Route 10, Grand Canyon National Park, and on Sections A, B, C, D, and E of the Cameron-Desert View Approach to the Grand Canyon National Park, Coconino Co. The length of the project is 31.969 mi.

BIDS OPENED

OAKLAND, Cal.—Independent Construction Co., Ltd., Foot of 47th Ave., Oakland, at $4195 submitted low bid to Oakland Port Commission for paving apron wharf, Seventh Street Unit, outer Harbor, with asphalt concrete involving approximately 20,000 square feet.

Complete bids follow

Independent Constr. Co., Oakland, (1) $3.39 per ton asphalt binder, (2) $4.60 per ton surface mix, Total $4195.

Heafey-Moore Co., Oakland, (1) $3.55, (2) $4.50, Total $4337.50.

Ransome Co., Oakland, (1) $4.20, (2) $.53, Total $4992.75.

W. H. Larson, Berkeley, (1) $4.33, (2) $4.78, Total $5166.50.

Bids held under advisement to Sept. 30. •

CONTRACT AWARDED

MARIN COUNTY, Cal. — Healy Tibbitts Constr Co., 64 Pine Street, San Francisco, at $15,000 awarded contract by State Division of Highways, Sacramento, for removal of slides about 0.4 miles between Greenbrae and Alto in Marin County

BIDS WANTED

MARIN COUNTY, Cal.—Until Oct 14, 11:00 A. M., bids will be received by the Marin County Board of Supervisors, Court House, San Rafael, for applying seal coat from Point Reyes Station to Second Valley, Inverness, a distance of about 4.6 miles, to be treated with type RC-4 liquid asphalt and sand; and on the Inverness-Pt. Reyes Lighthouse Road from 2.5 miles north of Inverness to Floodgate, a distance of about 2.3 miles, to be treated with type SC 2 liquid asphalt and sand.

The work involves:
(1) 53 tons liquid asphalt, type RC-4;
(2) 20 tons liquid asphalt, type SC-2;
(3) 325 c.y. sand.

Plans and specifications obtainable from County Surveyor Rodney Messner, Court House, San Rafael.

LOW BIDDER

MOHAVE COUNTY, Arizona.—Lee Moor Contr. Co., El Paso, Texas, at $92,885 (road-mix method) submitted the low bid to State Highway Commission, Phoenix, for highway construction on the Ashfork - Kingman highway, FA 80-G; AFE 6663. The work extends from Kingman northeasterly about 23.6 miles, and consists of oil processing by either the road-mix or plant-mix method using SC-2 road oil.

The low bid on the alternate (plant-mix method) was $121,266.

CONTRACTS AWARDED

STATE OF WASHINGTON — Contracts awarded by L. V. Morrow, Director of Highways, Olympia, for highway construction as follows:

Snohomish County: Grading, draining and constructing treated pile and timber trestles on about 4.2 miles of State Rd. No. 1, Island School-North, Public Works Project No. 5960 in Snohomish County, involving about 26 acres of clearing, 383,705 cu. yds. of excavation, 320 cu. yds. of screened gravel surfacing, 741 cu. yds. of concrete, 103,490 lbs. of steel reinforcing bars, 13,500 lin. ft. cable guard rail Design No. 6, 125 MBM treated timber and lumber, 340 cu. yds. sack rip rap (concrete Class C), 7,063 lin. ft. of pipe culverts and other items.

J. D. Harms, Inc., 220 West Hudson St., Seattle, $192,045.75.

Stevens County: Grading, draining, and surfacing with crushed stone on about 1.9 miles of State Road No. 3, Colville to Palmers Siding, U. S. W'ks Program Highway Project No. WPH 154-E, in Stevens County, involving about 24,150 cu. yds. of excavation, 6820 cu. yds. of crushed stone surfacing, 30 cu. yds. of concrete, 528 lin. ft. of pipe culverts and other items.

Fred G. Redmon, 303 South Fifth Ave., Yakima, $22,987.30.

Skamania County: Grading & draining on about 1.8 miles of State Road No. 8, Cooks East to Underwood West Section 3, U. S. W'ks Program Highway Project No WPH 112-H in Skamania County, involving about 9 acres of clearing, 163,340 cu. yds. of excavation, 2,610 cu. yds. of concrete, 100-850 lbs. of steel reinforcing bars, 216 lin. ft. of pipe culverts and other items.

The Mirene Co., P. O. Box 5686 Kenton Station, Portland, $210,058.90.

Stevens Cooty: Grading, draining, and surfacing with crushed stone on about 2 miles of State Road No. 22, Onion Creek to Hudson Spur Public Works Project No 7570, in Stevens County, involving about 14 acres of clearing, 73,250 cu. yds. of excavation, 4,610 cu. yds. of placing crushed stone surfacing, 7.5 MBM timber and lumber 142 cu yds cement rubble masonry, 642 lin. ft. of pipe culverts and other items.

Tony Marrazzo, 512 Realty Building, Spokane, $30,267.

CONTRACT AWARDED

SAN FRANCISCO. — Chas. L. Harney, 443 Call Bldg., San Francisco, has been awarded a contract by L. Depaoli, 3289 Mission St., for street paving on Cayuga and Cotter Streets bet. Santa Rosa and Alemany Terrace. The owners plan development of a real estate tract covering approximately 100 lots.

BIDS OPENED

SACRAMENTO COUNTY, Cal.—E. F. Hilliard, 1355 Forty-third St., Sacramento, at $3,733.50 submitted low bid to the Sacramento County Board of Supervisors for construction of approximately 3,550 l.f. asphaltic plant-mix pavement on the Vorden-Locke Road. Complete bids follow:

E. F. Hilliard, (1) $3.93 per ton; total $3,733.50.

A. Teichert & Son, Inc., Sacramento, (1) $4.09 per ton; total, $3,885.50.

C. C. Moore & Co., San Francisco, (1) $4.20 per ton; total $3,990.00.

Lee J. Immel, Berkeley, (1) $5.15 per ton; total $4,892.50.

Bids taken under advisement.

CONTRACT AWARDED

MARIN COUNTY, Calif.—Standard Oil Co. of California, 225 Bush Street, San Francisco, at $2,496 awarded the contract by lot by the Marin County Board of Supervisors for furnishing approximately 2400 barrels of SC - 2 liquid asphalt for road work in Road District No. 5, Marin County.

Identical bids at $1.04 per barrel, total $2,496, were submitted by Standard Oil Co., Union Oil Co. and Shell Oil Company. •

BIDS OPENED

SACRAMENTO COUNTY, Cal.—Until October 4, 3:00 P. M., bids will be received by the U. S. Engineer Office, Room 208 Post Office Bldg., Sacramento, under Circular Proposal No. 1105-36-29 for construction of about 900 l.f. of bituminous highway 20-feet wide with 4-foot shoulders over a hydraulic dredge fill in West Sacramento; "road rock" approach road and "road rock" connecting area.

The work involves:
(1) 900 l.f. bituminous highway;
(2) 500 sq. yd. road rock approach rd.;
(3) 100 sq. yd. do connecting area;
(4) 900 l.f. seal coat.

Specifications obtainable from the above office. •

30—RESERVOIRS & DAMS

FUNDS ASKED

SAN BENITO COUNTY, Cal.—Pacheco Pass Water District has filed application with the PWA for a loan of $184,000 and a grant of $150,000 to finance construction of a dam on the north fork of Pacheco Creek to impound between 1000 and 5000 acre feet of water, and also for construction of a percolation dam on Las Viboras Creek.

If the application is approved, a bond election will be called within the district. George C. Holberton, engineer. 30

CONTRACT AWARDED

BOULDER CITY, Nevada—Hardie-Tynes Mfg. Co., Birmingham, Ala., at $152,000 awarded contract by U. S. Bureau of Reclamation, Denver, for furnishing two 168-in. diameter butterfly valves and two butterfly valve bulkheads for installation in Boulder Power Plant.

31 — PIPE LINES & WELLS

CONTEMPLATED

MONTEREY COUNTY, Cal.—Ralph M. Parker, Commander, Presidio of Monterey, plans to submit to the PWA a project to pipe water from Camp Ord (Gigling Reservation) to the Presidio, at an estimated cost of $81,000. 31

32—SEWERS & SEWAGE DISPOSAL PLANTS

GRANT ASKED

WASCO, Kern Co., Cal.—The Wasco Utility District has filed with the PWA an application for a grant of $60,945 to assist in financing a $135,-155 sewer project. The district proposes to issue bonds to finance the balance. The proposed system will include purchase of 40 acres of land and the construction of a disposal plant. H. H. Holley, Visalia, is the engineer.

FUNDS ASKED

STOCKTON, San Joaquin Co., Cal. —Application has been filed with the PWA for a grant of $90,000 to aid in financing construction of a new trunk line sewer and enlargement of sewage disposal plans estimated to cost $200,000. If the grant is approved an election will be called next year to vote bonds in the amount of $110,000. W. B. Hogan, city manager.

BOND ELECTION

SONORA, Tuolumne Co., Cal.—City Council has called a special election October 8 to submit proposal for issuing $44,000 in bonds to finance street improvements and construction of intercepting sewers, outfall sewer and sewage disposal plant. Estimated cost of the street work is $30,000 and of the sewer work is 550,000. Application has been made to PWA for a 45% grant of the cost of each project.

John S. Bates, Berkeley, has prepared preliminary plans.

BOND ELECTION

JACKSON, Amador Co., Cal.—City Council has called a special election November 5, to submit proposal for issuing $50,000 in bonds to finance construction of intercepting and outfall sewers and sewage treatment plant. Estimated cost of the work planned is $76,607. Application has been made to PWA for a grant of 45% of the cost.

John S. Bates, Berkeley, has prepared preliminary plans.

CONTRACT AWARDED

MARIN CO., Cal.—Renati Brothers, Novato, at $2,768.93 submitted low bid and awarded contract by the Marin County Board of Supervisors for construction of a sewage disposal system at the County Farm.

Bids will be taken as follows:
(1) 64 c.y. Class A Portland cement concrete in place, includ. three 16-in. manholes;
(2) 3,850 lbs. reinf. steel in place;
(3) 450 c.y. sand and gravel (filter bed);
(4) 300 l.f. 6-in. cast iron sewer pipe, including one 16-in. manhole;
(5) 139 l.f. 4-in. cast iron sewer pipe, including three gate valves;
(6) 220 l.f. 6-in. drain tile;
(7) 1.05 MBM all-heart redwood lumber.

Total bids were:
(A) Renati Bros., Novato, $2,768.93.
(B) J. J. Ongaro, San Anselmo, $3,-873.67.
(C) Louis Lambretti, Mill Valley, $4,-466.12.

Unit bids follow:

	(A)	(B)	(C)
(1)	$16.50	$ 18.00	$22.50
(2)	0.0425	0.05	0.0475
(3)	2.35	3.65	4.60
(4)	0.925	1.56	1.40
(5)	0.805	1.28	1.50
(6)	0.16	0.45	0.30
(7)	64.00	135.00	75.00

BIDS WANTED

BERKELEY, Cal.—Until October 8, 10 A. M., bids will be received by Berkeley City Council, Florence Turner, City Clerk, for constructing a storm sewer in Ashby Avenue and Tunnel Road.

The work involves:
(1) 715 lin. ft. 18-in. sewer;
(2) 135 lin. ft. 15-in. sewer;
(3) 70 lin. ft. 12-in. sewer;
(4) 110 lin. ft. 10-in. sewer;
(5) 3 each manholes;
(6) 3 each catchbasins.

Plans and specifications may be obtained from City Engineer Harry Goodridge on deposit of $10.

33— WATER WORKS

September 23, 1935

FUNDS ASKED

YREKA, Siskiyou Co., Cal.—Yreka City Council has filed an application with the PWA for a loan and grant of $312,000 to finance construction of a new water system, including laying 14 miles of 16-in. pipe to carry water from Little Shasta Valley to a 500,-000-gal. capacity reservoir near the City. 33

BIDS OPENED

FRESNO, Cal.—Bids received by the Fresno City Commission for furnishing cast iron water pipe, valves and fittings for the Water Dept. follow:

PIPE

U. S. Pipe and Foundry Co., San Francisco, $15,744; Grinnell Co. of the Pacific, Los Angeles, $16,022; Utilities Supply Co., Los Angeles, $17,829; Pacific States Cast Iron Pipe Co., San Francisco, $17,610; American Cast Iron Pipe Co., San Francisco, $17,610.

FITTINGS

Vernon Foundry Co., Los Angeles, $1,084; Grinnell Co., Los Angeles, $1,-483 and $1,099 (alternate); Pacific States Cast Iron Pipe Co., San Francisco, $1,734; American Cast Iron Pipe Co., San Francisco, $1,311; U. S. Pipe and Foundry Co., San Francisco, $1,-427; Alhambra Foundry Co., Alhambra, $1,245.

VALVES

Smith, Booth, Usher Co., Los Angeles, $1,487; Warren & Bailey Co., San Francisco, $1,857; Tay-Tolbrook Co., San Francisco, $1,576; Rich Mfg. Co., Los Angeles, $1,699. • 33

BIDS WANTED

FRESNO, Cal.—Until October 3, 11 A. M., bids will be received by Fresno City Commission, H. S. Foster, City Clerk, for furnishing gate valves for the Water Department as follows:
(1) 30 4-in. gate valves;
(2) 26 6-in. do;
(3) 6 8-in. do;
(4) 8 10-in. do.

Specifications on application to the above. •

CONTRACT AWARDED

SAN FRANCISCO. — Lowrie Paving Co., 1540 Sixteenth Street, at $19,358.-30 awarded contract by the Public Utilities Commission for laying 6- and 8-inch cast iron mains in the University Mound District; San Francisco Water Department Spec. No. 82.

CONTRACT AWARDED

SAN FRANCISCO. — Peter J. McHugh, 363 Valencia Street, at $22,-268.65 awarded contract by the Public Utilities Commission for laying 6- and 8-inch cast iron mains in the Twin Peaks District, San Francisco Water Department Spec. No. 83.

CONTRACT AWARDED

SAN FRANCISCO — Lowrie Paving Co., 1540 Sixteenth St., at $1,057.80 awarded contract by Public Utilities Commission for laying 6- and 8-inch cast iron mains in Cotter Street from Alemany boulevard to Cayuga and in Cayuga from Theresa to Santa Rosa Streets; San Francisco Water Department Spec. No. 87

BIDS WANTED

SAN FRANCISCO.—Until October 2 1:45 P. M., informal bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Spec. No. 18,887 for making test holes for fire cisterns in Dolores St. at 30th, 28th, 26th, 24th, 22nd, 20th, 18th, 16th, and 14th Sts., and in Market St. at Gough St. Work involves approximately 350 l.f. test holes. Est. cost, $600.

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall. •

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

OAKLAND, Cal.—Bids received by the Easabay Municipal Utilities District, for furnishing electric welded steel pipe.

Bids were taken as follows:
(1) 54,500 l.f. $\frac{3}{8}$-in. thick 24-in. dia. electric welded sheet steel pipe;
(2) 11,000 l.f. $\frac{3}{8}$-in. thick 20-in. do;
(3) cement lining for Item 1;
(4) cement lining for Item 2.

Complete bids follow:

Steel Tank and Pipe Co., Berkeley: (1) $123,715; (2) $21,450; (3) $31,065; (4) $5,720.

American Concrete and Steel Pipe Co., Los Angeles: (1) $128,620; (2) $22,990; (3) $29,430; (3) $5,500.

Montague Pipe and Steel Co., San Francisco: (1) $136,250; (2) $24,530.

geles: (1) $137,340; (2) $24,750.

Consolidated Steel Corp., Los An-

BIDS WANTED

ELKO, Nev.—Bids are being received by the Custodian, Elko post office, for seeding and planting the grounds. 34

CONTRACT AWARDED

RENO, Nev.—Carl Pieper, Salt Lake City, Utah, at $442 awarded contract by the Treasury Dept., Washington, D. C., for seeding and planting the grounds at the Reno post office.

BIDS WANTED

HAMILTON FIELD, Marin Co., Cal. —Until Sept. 30, 10 A. M., bids will be received by Constructing Quartermaster, Fort Mason, for furnishing chain link fence, posts, gates and fittings to be delivered at Hamilton Field; Bid No. W 6616-36-11.

Specifications and proposal forms on application to above. •

35— TUNNELS

September 23, 1935

PLANS COMPLETED

OREGON — District Engineer, W. H. Lynch, U. S. Bureau of Public Roads, Portland, has completed plans for 800-ft. highway tunnel at Tooth Rock on the Columbia River highway in the vicinity of Bonneville Dam. The tunnel will be a 24-ft. bore of semi-circular section with a 26-ft. roadway and 4-ft. sidewalks. Sodium - vapor lighting installation is planned. 35

Section 4359 P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

PWA Approves
$16,500,000
North State Work

$653,000 S. F. Permit Total for September

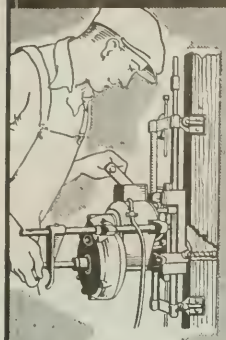
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

October 5, 1935

Vol. XVIII—No. 40

WAPPAT Electric TOOLS



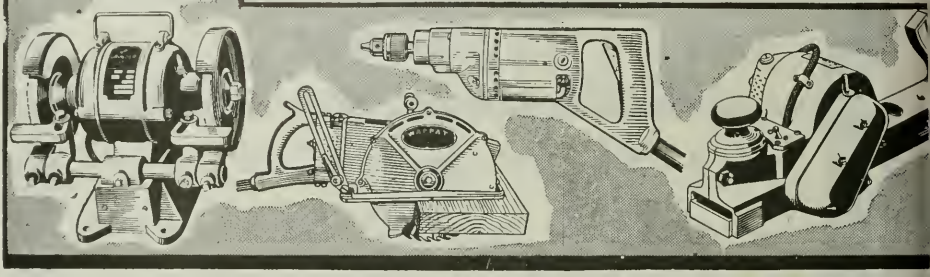
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., OCTOBER 5, 1935 No. 40

ENTRAL VALLEY FUND REDUCED TO $15,000,000

eclamation Commissioner & State Officials To Review Project Plans

Further plans for construction of ne or more units in the Central alley Water Project will be made ithin the next few days by state nd federal authorities. State Enneer Edward Hyatt is returning om Washington, D. C., and Comissioner of Reclamation Elwood ead, who has been with the Present's party in the south, is exected to visit Sacramento for a eeting with state officials.

Unofficial reports have been curnt that the Reclamation Service ow is considering work on the Kent Dam unit of the project. Preously it was understood Kennett am had been eliminated due to a ling by the comptroller-general at available funds were limited units which could be completed 1937. Initial work at Kennett robably would be relocation of ilroad tracks and the state highay route which traverse the reserir site. Extensive prellminary enneering has been done on this hase of the project and it probably ould be placed under contract earer than other portions.

The Reclamation Service has anounced a reduction of the appro-iation for Central Valley Projt from $20,000,000 to $15,000,000, gether with curtailments in oth- proposed expenditures due to llure of the works-relief admintation to grant money for the enre proposed reclamation program.

Other reductions included: Allmerican Canal, $15,000,000 to $13,-00,000; Salt River Valley Project, ,500,000 to $3,500,000; Grand Coue, $23,000,000 to $20,000,000; Roza ivision of Yakima Project, $5,000,-00 to $4,000,000; Deschutes River. ,000,000; to $500,000; Owyhee, $1-00,000 to $500,000; Boise drainage 60,000, cancelled.

During the first eight months of 935 shipments of steel business rniture totaled $9,450,546, as comared with $7,801,619 during the orresponding period last year, the ureau of the Census reports.

HOUSING LOANS SET NEW RECORD

Modernization credit and insured housing loans reached a new high for one week on Sept. 21, marking a seven-day period in which the total certified by financial institutions was $14,420,-375, according to the Federal Housing Administration.

There were 20,971 modernization loans totaling $7,455,878; which brings the total made since the beginning of the program in August, 1934, to 422,-777, valued at $159,285,674. The 1,858 mortgages selected for appraisal totaled $6,964,497, bringing the total since the start of the program last December to 44,155 for $172,200,694.

State Directory Of Engineers and Surveyors Issued

A new roster of registered civil engineers and licensed land surveyors revised to July 25, 1935, has been published by the State Board of Registration for Civil Engineers. It contains the text of the state law regulating practice of civil engineering and rules and regulations of the board.

Registered engineers and licensed surveyors are listed alphabetically and numerically and geographically by counties.

Copies of the directory are available through the Department of Professional and Vocational Standards at a price of $1.00.

SKILLED LABOR OFF SANTA CRUZ ROLLS

Lack of skilled labor on the relief rolls of Santa Cruz is responsible for failure to approve WPA and PWA projects in that locality, Clayton Staples, city planning engineer, reported to the city council. Works-relief officials informed him Santa Cruz is in an unusual position in respect to needy skilled labor and for that reason works funds were not being apportioned liberally there.

S. F. RESIDENTIAL BUILDING HIGH IN SEPTEMBER

Permit Value Of Dwellings Tops August Total

San Francisco residential building commenced in September amounted to $376,650, providing accommodations for 116 families, according to the monthly report of S. J. Rosenblum, head clerk of the Central Permit Bureau, to Director of Public Works W. H. Worden. There were 78 new buildings of residential classification for which permits were obtained. They included 68 single-family dwellings, seven two-family dwellings and three multi-family structures.

The value of residential work in September exceeded that of August, the best month for this class of building since 1931, according to city records.

During the last month there were 482 permits issued for a value of $653,046. This compares with 439 permits valued at $425,473 in August last year. Lacking any major public or private awards, the total is not comparable to that of the previous month, which included a $977,000 permit for the San Francisco Mint and $225,000 for the Lurie office building.

Following are comparative figures for September, 1935 and 1934:

	Sept., 1935		Sept., 1934	
Class.	No. P'mts	Est. Cost	No. P'mts	Est. Cost
A		$	2	$ 6,000
B			1	5,000
C	8	32,500	2	22,000
Frames	84	383,765	37	125,150
Alterations	384	198,543	391	152,841
Public	5	33,278	3	66,501
Harbor			1	20,000
U. S. Govt.	1	4,960	2	27,981
Total	482	$653,046	439	$425,473

IN SAN FRANCISCO

Ingalls Iron Works Company and The Steel Construction Company of Birmingham, Ala., have moved their Pacific Coast offices to San Francisco, I. E. Perrin, coast agent for the firms, announces. The offies are at 240 Montgomery Street. The telephone is DOuglas 4381

$16,500,000 Non-Federal PWA Projects Approved For Northern California Must Be Contracted By December 15

With $16,500,000 worth of Northern California public works on the PWA approved list, Acting State PWA Director A. D. Wilder yesterday urged local authorities to act promptly toward completing their contracts with the government.

The Public Works Administration will tolerate no delays, Mr. Wilder warned. There are awaiting further PWA appropriation approximately a billion dollars in construction toward which rescinded allotments can be applied, he pointed out. The applicants who have been fortunate enough to share in the curtailed PWA appropriation can only protect their grant by starting construction before December 15.

Administrator Ickes has ordered all allotments not obligated by December 15 to be cancelled and the funds transferred to other work.

Applicants who have been notified of approval for their projects must immediately complete their contracts through the San Francisco office of PWA, Mr. Wilder said.

"The various projects must be advertised for bids and the contracts must be awarded at a very early date, as work must start on the construction prior to the middle of December.

"Should any of the applicants, for whom these allotments have been approved, fail to abide by the rules which have been promulgated, or decide not to go forward with their projects, or fail to start construction within the time limit, then there is the secondary list which, if they fully comply, can be used to take the place of lapsed allotments in the first list."

An analysis of the state's PWA program shows 104 projects in the counties north of San Luis Obispo and Kern involving a total construction cost of $16,556,826 have been approved. These allotments are distributed to classes of work as follows:

	Projects	Total Cost
Schools	63	$ 5,718,443
Hospitals, Libraries, Other Pub. Bldgs.	16	957,132
Waterw'ks, Sewers	12	3,135,266
Streets	3	657,200
Power Plants	3	1,014,410
Harbor Works	4	572,766
Airport (Yerba Buena Shoals)	1	4,209,609
Irrigation Projects	2	292,000
Total	104	$16,556,826

SUIT BLOCKS SALE OF LODI POWER BONDS

P. G. & E. Opens Court Fight To Prevent Municipal Plant Construction

Suit to enjoin the city of Lodi from issuing $466,000 in bonds voted last month for construction of a hydro-electric plant has been filed in Federal court by the Pacific Gas and Electric Company. District Judge St. Sure granted a temporary restraining order prohibiting an advertised sale of the securities to have been held Monday night. The order is returnable in Sacramento October 7.

An identical complaint was filed also in the San Joaquin county superior court.

The suits contest legality of the proposed PWA financing of the Lodi municipal power project. A grant of 30 per cent of the cost has been allocated to it from old PWA funds, and the PWA is expected to bid for the bonds as security for a loan to complete the financing.

Lodi owns a municipal distribution system and has been purchasing at wholesale rates from the Pacific Gas and Electric Co. The annual payment to the power company is reported approximately $78,000.

The bonds, voted last month, are for constructing a dam on the Mokelumne river, twenty-seven miles east of the city, constructing a power plant at the dam, transmission line and Diesel stand-by plant.

Total cost of the project is estimated at $600,000.

ILLUSTRATED BOOKLET ON BUILT-UP ROOFS

An illustrated booklet, "Facts About Built-up Roofs," has been announced by Johns-Manville. Drawings showing construction details of the most commonly used roofs, data on surfaces, underwriters's rating, materials and weight, and illustrations of methods of application are among the features of the new brochure.

Copies of the booklet may be obtained by writing Johns-Manville, Executive Offices, 22 East 40th St., New York City.

$10,000,000 ALLOTTED NEBRASKA POWER WORK

The President has approved an allotment of $10,000,000 as a PWA loan and grant, to the Central Nebraska Public Power and Irrigation District to start construction of the Tri-county power and irrigation project.

The grant of $4,500,000 will come from the Works-Relief appropriation and the loan of $5,500,000 from old PWA funds.

BUILDERS REPORT 16% INCREASE IN AUG. PAYROL

U. S. Survey Finds Privat Work Absorbing Unemployed

Continuing the expansion whic started in March of this year, tl private building construction i dustry reported gains of 3.6 pe cent in employment and 4.4 pe cent in payrolls from July to A gust, according to the U. S. B reau of Labor Statistics.

August employment in privat building was 7.6 per cent greate than in August last year, and pa rolls increased 16.8 per cent du ing the same period, the bureau r ports.

Percentages are based on repor from 9,815 contractors employin 86,682 workers in August. Emplo ment on projects financed by th Public Works Administration Reconstruction Finance Corp., FH insured loans, or regular appropri tions of Federal, state and loc governments is not included in th bureau's data.

Building construction, metallif rous mining, banking and whol sale trade were the only non-ma ufacturing industries showing en ployment and payroll gains ove both July 1935 and August 193 In some industries employmer and payrolls were above last year figure but under the precedin month, while in others employmer gained but payrolls dropped.

Wholesale trade reported emplo ment 0.8 per cent better than i July 1935 and 0.2 per cent over A gust 1934; and payrolls 0.2 pe cent over July and 3.2 per cen higher than in August last yea Retail trade employment was 1 per cent under July and 0.3 pe cent lower than in August 1934 payrolls being 2.3 per cent unde July and 1.2 per cent better tha in August last year.

ZELINSKY CO. WINS WASHINGTON CONTRAC

Contracts for painting two majo buildings at Washington, D. C have been let to D. Zelinsky an Sons of San Francisco and Los An geles, it was learned here yeste day.

The buildings are the annex t the Library of Congress being buil by Consolidated Engineer Co. c Baltimore, and the Department c the Interior Building under co tract to George A. Fuller Co. c New York City. Together the buil ings will represent a $16,000,000 a dition to the national capital grou of government buildings.

According to Mervyn G. Zelinsky secretary of the local firm, this i the company's first venture in th east and is probably the first tim a San Francisco contractor ha been awarded a job in the nation' capital.

Western States PWA Allotments

PWA allotments announced last week by Administrator Harold Ickes were distributed among western states as follows:

	Grants	Loans	Total Federal Funds	Total Cost	Projects
Arizona	$ 307,924	$ 302,000	$ 609,924	$ 684,279	11
California	8,904,823	2,119,514	11,024,337	20,255,721	147
Colorado	2,517,964	292,600	2,810,564	5,595,399	30
Idaho	558,651	257,200	815,851	1,249,427	19
Montana	872,789	823,000	1,695,789	1,931,889	14
Nevada	514,595	937,273	1,451,868	1,510,818	11
Oregon	2,995,882	1,510,000	4,505,882	6,678,993	71
New Mexico	761,003	373,000	1,134,003	1,744,457	17
Washington	4,004,938	221,500	4,226,438	10,156,058	98
Wyoming	478,782	137,750	616,532	1,063,961	6
Utah	854,050	347,500	1,201,550	1,899,150	28
TOTALS	$22,771,401	$7,321,337	$30,092,738	$52,770,152	452

NOTE: Not included above are previous allotments as follows: Los Angeles City Schools, $22,532,727 L-G; Los Angeles County, $8,253,545 L-G; Los Angeles Bureau of Water and Power, $6,480,000 G; Los Angeles Harbor Department, $13,963,636 L-G; Beverly Hills, Calif., $56,906 G; Modesto, Calif., Irrigation District, $32,715 G; State of Oregon, $1,575,000 G for capitol building.

BIDS OPENED FOR EASTBAY DREDGER FILL

American Dredging Co. Low Bidder For Two-Mile Roadway Extension

SACRAMENTO, Oct. 2.—American Dredging Co., San Francisco, today submitted the low bid of two received by the State Division of Highways for a 670,000 cubic yard dredger fill to be made between the foot of Folger avenue and Gilman street on the Berkeley waterfront. The bid was $172,313. The only other bid submitted was that of San Francisco Bridge Company at $203.430.

The bid per yard of hydraulic fill from the American Dredging Co. was $0.1473 and from the San Francisco Bridge Co. $0.1725.

Construction of the fill will extend the East Shore highway, which is the north approach to the San Francisco-Oakland Bay Bridge, a distance of approximately 2 miles. From the foot of Gilman street the route will be constructed through the cities of Berkeley, Albany and El Cerrito to a point intersecting San Pablo avenue. Right-of-way for this extension has been purchased and provision is made in the new highway program for its completion.

Contracts to be let include paving of the entire route from the bridge head to San Pablo avenue, construction of a protective rock embankment along the fill section between Folger avenue and Gilman street and a grade separation at the intersection with the Southern Pacific tracks

State Acquiring Sites for New Sacto. Offices

Plans for construction of two state office buildings in Sacramento have been reported, following filing of deeds conveying title to the sites to the state.

Deeds to the property of Superior Judge Martin I. Welsh at the southwest corner of Twelfth and N Streets and to a piece of property immediately to the rear were filed this week for the state in the Sacramento county recorder's office. It is reported that negotiations for the balance of the N St. frontage are underway. When all the properties have been acquired a building site 240 by 160 feet in size will be in the state's possession.

The other site is located on the south side of N Street between Twelfth and Thirteenth Streets. It measures 40 by 160 feet and was conveyed to the state by Mrs. Ethel Scott.

Reports state that Judge Welsh has been notified to vacate his home by December 15, indicating an early start of work on the site.

FINISH MODEL HOME AT PACIFIC GROVE

The model home at Pacific Grove, located near the golf course, will be completed and open for inspection in about two weeks, it is reported. Interior decoration and landscaping of the grounds are nearly finished. Plans for the Pacific Grove demonstration home were prepared by Architect Robert Stanton.

AGREEMENT ON TUNNEL WORK IS REPORTED

Lining Broadway Bore To Proceed Under Regulations Fixed at Conference

Agreement of Six Companies of California, contractor on the Broadway low-level tunnel, with Joint Highway District No. 13 as to engineering procedure for further construction was announced yesterday. Pouring of the concrete lining is to be resumed to complete it up to the heading before further excavation.

The plan for continuing work has been submitted to the State Division of Highways and to the U. S. Bureau of Public Roads for approval.

Announcement of the agreement followed a meeting with engineers of the State Industrial Accident Commission, called to consider means of avoiding possible future timbering failure which resulted recently in three deaths.

Parties to the conference agreed on the following ruling:

"No timbering in either the north or south tunnels shall be removed and reset, except in such special cases and under such conditions as the representatives of the Industrial Accident Commission may authorize."

S. D. Bechtel, president of Six Companies of California, issued the following statement:

"The decision reached before the Industrial Accident Commission on the safety features of the project is an excellent conclusion of the entire matter now under review. We will resume work immediately."

Northern California Cities Schedule $2,000,000 Public Works Bond Issues

Bond elections which will decide the immediate fate of Northern California public works to cost approximately $2,000,000 are scheduled this month and the first week of November in Northern California. A majority of the projects have been approved for PWA grants subject to favorable vote on the bond issue.

Thirteen communities and school districts are to vote commencing today with elections in San Mateo and Sebastopol. Voters in San Mateo school district will be asked to approve an issue of $45,000 in bonds to be supplemented by a $16,500 grant already allocated from PWA. A new elementary school is to be constructed. Plans are being prepared by Architect Will H. Toepke. Sebastopol school district is voting on an issue of $42,000 which will be increased by a PWA grant of $34,364 to complete a new grammar school building costing $75,000. Architects Herbert and Caulkins of Santa Rosa have been commissioned to prepare plans.

Largest of the school projects to be submitted to voters this month is that in Sacramento. The bond issue will be for $785,000, proceeds to finance the city's share of a $1,200,000 building program. Additions to the junior college building to cost $500,000 are planned and PWA has allocated a grant of $221,000 toward the work. The high school district plans a new senior high school unit to cost $700,000. A PWA application on this project is pending but no allotment has been made. Plans for the junior college are being prepared by Architect Harry Devine and for the high school by the firm of Starks and Flanders.

A summary of the elections definitely scheduled thus far follows:

October Elections

Bond elections scheduled in October are:

San Mateo for $45,000 to be supplemented by $16,500 PWA grant already allocated for building Baywood elementary unit. Election October 1.

Sebastopol for $42,000 issue to finance an 11-room grammar school building costing $75,000; PWA has allocated $76,364 loan and grant. Election October 1.

Grass Valley for $75,000 issue to finance junior high school building. PWA has allocated $30,000 to supplement bond proceeds. Election October 4.

Fresno County, Washington Union School District for $25,000 issue to finance gymnasium building. Application has been made for PWA grant to supplement bonds. Election October 8.

Sonora for $44,000 issue to finance sewer extension, sewage disposal plant and street improvements. Total cost $80,000. PWA has allocated $35,500 grant to project. Election October 8.

Nevada City for $46,000 to finance high school addition, auditorium, gymnasium, classrooms; for $72,000 to erect new academic unit and auditorium. PWA has allocated grant to supplement bond proceeds. Election October 10.

Contra Costa County, Lafayette school district for $27,000 to finance school building. Election Oct. 18.

Sacramento for $785,000 to finance senior high school building and junior college additions. High school planned to cost $700,000 and junior college work to cost $500,000. PWA grant of $221,000 has been allocated to junior college building. Election October 22.

San Joaquin Co., Linden school district for $20,000 to finance high school gymnasium. PWA has allocated loan and grant of $30,000. Election October 24.

San Leandro for $110,000 to repair and reconstruct school buildings. PWA has allocated grant of $49,500, which will reduce amount of bonds sold, the issue being sufficient to cover entire project. Election October 24.

November Elections

Bond elections have been scheduled in November as follows:

Maxwell, by Maxwell Sanitary District for $34,000 to finance sewer system and disposal plant. Application has been made to PWA for grant to supplement bonds for a project costing $62,000. Election November 4.

Jackson, for $50,000 to finance sewers and disposal plant. Application has been made to PWA for $26,500 grant to supplement bond money. Election November 5.

Mill Valley, for $30,000 to finance city hall. PWA has allocated $24,000 additional grant toward $54,000 estimated total cost. Election November 5.

MATERIAL PRICES AT YEAR'S HIGH

Building material prices on the index of the U. S. Bureau of Labor Statistics for the week ending September 21 reached the highest average level since early September of last year. The group advanced 1.2 percent during the week to an index of 86.3. Marked increases in prices of lumber and paint materials combined with smaller increases in tile and certain miscellaneous items caused the advance. the Bureau reported.

RICHMOND POWER PLANT PLANNED BY STANDARD OIL

Stone & Webster To Construct $1,800,000 Steam-Electric Generator

Improvements to cost $1,800,000 are to be made at the Richmond refinery, the Standard Oil Company announced yesterday. A contract has been let to Stone & Webster for the construction and representatives of the concern are expected here shortly.

Plans and specifications are being completed by the company's engineering department.

The principal improvement, it was announced, will consist of a modern steam power plant, with which the company in the future will generate its own electricity. Operating equipment throughout the plant will also be converted to electricity, instead of being operated by steam, as at present.

The improvement project is the second recently undertaken by the company at its Richmond plant on a major scale. Several months ago it completed improvements costing $3,000,000, which included installation of new pressure stills, a distillation plant, and a new treating plant, as well as a 700-foot extension of its wharf.

Many Delinquent In Paying S. F. Builders' License

Urging San Francisco contractors who have not yet taken out licenses under the new city registration act to do so immediately, Mrs. A. McArdle, director of the Bureau of License, yesterday stated that terms of the ordinance will be rigidly enforced by her department.

To date approximately 750 local contractors ave registered with the bureau. Records of the State Contractors' License Bureau reveal some 1850 state-licensed contractors in the city.

"Unless contractors are registered with the Bureau of Licenses and have paid-up registration certificates they will not be granted any permit by the Central Permit Bureau, nor will they be allowed to bid on city contracts," Mrs. McArdle said.

The new city ordinance, recommended by the Associated General Contrators and the San Francisco Builders' Exchange, requires all contractors in San Francisco to register with the Bureau of Licenses. An annual registration fee of $10.00 is charged.

RULING PERMITS WOODL'ND AWARD TO GEO. PETERSON

Post Office Contract Let on Bid Submitted in February

Award of a contract to George Peterson of San Leandro for constructing the Woodland post office building on his bid of $39,800, submitted last February, has been approved by the Treasury Department. The bid was reinstated with Mr. Peterson's consent after having been rejected together with other pending proposals when the National Industrial Recovery Act was declared unconstitutional.

Status of these bids was clarified by a Congressional Resolution adopted just before Congress adjourned. The Treasury Department had readvertised the Woodland contract for opening of bids Oct. 7. Although notice has not been received of a cancellation, no plans have been issued to prospective bidders.

Following is the text of a telegram received recently by Mr. Peterson from C. J. Peoples, director of procurement, advising him the award would be made on the original bid if acceptable:

"Reference is made to the bid submitted by you on February 8, 1935, for construction of Post Office, Woodland, Calif. Public Resolution Sixty-five, Seventy - fourth Congress approved August 29, 1935, directs that bids shall not be rejected because made subject to codes of fair competition if bidder with assent of his surety 'shall agree in writing that the contract if entered into sha in lieu of such code provisions or other related requirements be subject to all acts of Congress enacted after the date of enactment of this joint resolution requiring the observance of minimum wages, maximum hours or limitations to to the age employees in the performance of contracts with agencies of United States.'

"The resolution also provides, 'in such cases the compensation provided for in the contract shall be reduced from that stated in the bid by the amount that the contracting officer subject to the approval of Comptroller General shall find the cost of performing with the provisions of such code or codes or related requirements and the compensation for the performance of the contract shall be increased from that fixed in the contract by the amount that the contracting officer subject to the approval of the Comptroller General shall find the cost of performing the contract has been increased solely by reason of compliance with such subsequent acts of Congress, if any, relating to the performance of contracts with agencies of the United States.'

"Approval of title to site not yet received. However, United States attorney has advised that case closed on September 3 and papers being forwarded to Department of Justice for final approval. Advise whether you desire contract on basis of bid subject to above quoted provisions of public resolution Sixty-five and whether your surety assents."

Award of the contract originally was delayed due to difficulty in clearing title to the site.

Sacramento Gets Funds for Clunie Recreation Plant

A check for $150,000, provided in the will of the late Florence Clunie for construction of the Clunie Memorial in McKinley Park, Sacramento, was presented this week to city officials by attorneys for the estate.

Plans recently announced by Architects Starks & Flanders and Harry J. Devine call for a swimming pool, clubhouse and auditorium and a branch library. The city has applied to the Federal Public Works Administration for a $110,450 grant for the project which, if approved, will finance construction of a gymnasium seating nearly 1500 persons. As the memorial was not among the Sacramento projects approved last week it is planned to proceed with the other units, eliminating the gymnasium unless federal aid is received.

Planned in three units, the memorial will provide Sacramento with a fully equipped center for recreational activities of all types. The first unit includes the lobby, the branch library to contain about 10,000 volumes, a clubhouse and small auditorium with a full stage, two meeting rooms and the caretaker's quarters.

The second unit includes swimming pool, dressing rooms, pool office, and a room to contain heating and filtration plants and laundry. The pool will be 65 by 165 feet in size, with depth ranging from three to ten feet.

The first two units will be built with funds provided in Mrs. Clunie's will. The third unit, the gymnasium, is contingent upon the city's receiving a PWA grant.

N. Y. ALLOTMENTS TOTAL $23,869,000

The President has approved allotments of $23,869,374 to finance 163 PWA projects in the state of New York, having a total construction cost of $41,454,066. These supplement allotments approved previously for the state.

Grants totaling $18,641,374 were made from the new work-relief appropriation to cover 45 per cent of the cost. Loans totaling $5,228,000 for 51 projects were requested and were made available from the P W A revolving fund.

INVITE BIDS FOR ROADSIDE WATER SYSTEM

State To Contract Sacramento Route Irrigation Lines

SACRAMENTO, Oct 1. — Bids were asked today by the State Division of Highways for constructing a water supply system on 1.2 miles along the approach road to the M street bridge, between the M street subway and the bridge head, and between Ben All subway and Ben Ali station, in Yolo and Sacramento counties. The contract includes also laying concrete curbs and gutters.

Two wells are to be drilled and cased and two pumping systems to be furnished. An estimated 7,560 feet of 2-in. wrought iron or steel pipe will be required, together with valves and fittings, sprinkler units, tree irrigators and tank truck loading units.

Bids will be received in Sacramento October 23.

Bids will be received in Los Angeles October 24, for three contracts in Southern California counties as follows:

Los Angeles: Paving about 0.8 mile of San Fernando road with asphalt concrete through the town of Newhall.

San Diego: Widening an overhead crossing over the A. T. & S. F. north of Del Mar.

Imperial: Placing plant - mixed surfacing on about 3.2 miles between four miles west of Westmoreland and Trifolium Canal.

PENDING APPLICATIONS TO BE RECONSIDERED

Further consideration of the Santa Clara County supervisors application for PWA aid in erecting an addition to the county hospital is assured, according to a telegram received from Thomas P. Carroll, special assistant to the executive director of the National Emergency Council in Washington.

The message stated:

"The President has directed this office to acknowledge yonr telegram of September 23, in which you urge the approval of the application for the allottment of funds for the construction of an addition to the Santa Clara County Hospital at San Jose, Calif.

"As a result of conferences recently held, it had been decided that applications for allotments now pending before the public works adminisiration will be reexamined by that administration in the light of administration requests for the achievement of the objectives of the program. Projects conforming to the necessary requests will be approved."

August production of malleable castings totaled 35,245 net tons, according to the Bureau of the Census, as compared with 23,910 net tons in August 1934.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
998	Doelger	Owner	4000
999	Doelger	Owner	4000
1000	Doelger	Owner	4000
1001	Carpmill	Cuthbertson	5470
1002	Betts	Sartorio	12000
1003	Roemer	Morris	10000
1004	Signal	Early	1000
1005	St Marys	Barrett	3000
1006	Standard	Standard	4000
1007	Standard	Standard	4000
1008	Standard	Standard	3000
1009	General	Owner	2000
1010	General	Owner	2000
1011	General	Owner	1000
1012	Scarpulla	Isaac	11500
1013	Scarpulla	Isaac	11500
1014	Whitney	Mattock	16000
1015	Hancock	Huggard	1000
1016	Hancock	Huggard	2000
1017	Hancock	Huggard	2000
1018	Sea Cliff	Spivock	7700
1019	Sea Cliff	Spivock	7700
1020	Sharboro	Owner	6000
1021	Sharboro	Owner	7000
1022	Campbell	Owner	3500
1023	Stoff	Michel	4000
1024	Campbell	Owner	3500
1025	Dudy	Erickson	4000
1025	Little	Owner	7000
1026	Tillotson	Langsley	3000
1027	Signal	Early	3000
1028	Standard	Owner	3000
1029	Standard	Owner	3000
1030	Standard	Owner	3000
1031	Little	Owner	8000
1032	Galland	Cahill	1500
1033	Standard	Owner	3000
1034	Standard	Owner	3000
1035	Standard	Owner	3000
1036	Clark	Jacks	2000
1037	Casey	——	12000
1038	Hellwig	Unit	1000
1039	Martell	Johnson	7250

DWELLING
(998) E THIRTIETH AVE. 100 S Kirkham St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(999) E THIRTIETH AVE. 125 S Kirkham St. One-story and basement frame dwelling.
320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1000) E THIRTIETH AVE. 75 S Kirkham St. One-story and basement frame dwelling.
320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1001) W BEAVER ST. 75 S 15th St. One-story and basement frame dwelling.
Owner—W. T. Carpmill, 2321 15th St. San Francisco.
Architect—Not Given.
Contractor—Thos. A. Cuthbertson, 430 Noriega St., S. F. $5470

SHOP BLDG.
(1002) NO. 866-876 FOLSOM ST. One-story Class C shop building.
Owner—Betts Spring Co., 838 Folsom St., San Francisco.
Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.
Contractor—Peter Sartorio, 681 Market St., San Francisco. $12,000

FLATS
(1003) E VAN NESS AVE. SOUTH 120 N 20th St. Two-story and basement frame flats.
Owner—A. C. Roemer and Irene Wahle, 475 Dolores St., S. F.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., S. F. $10,000

ALTERATIONS
(1004) SE THIRD AVE. AND CALIfornia St. Alter service station.
Owner—Signal Oil & Gas Co., 2301 Blanding St., Alameda.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

ALTERATIONS
(1005) NE HAYES and Stanyan Sts.; alter hospital.
Owner—St. Mary's Hospital, premises
Architect—E. A. Eames, % contractor
Contractor—Barrett & Hilp, 918 Harrison St. $3,000

SERVICE STATION
(1006) NW POST and Divisadero; 1-story Class A service station.
Owner—Standard Stations, Inc., 200 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co. 225 Bush Street. $4,000

SERVICE STATION
1008) SE LINCOLN WAY and Great Highway; one-story Class A service station.
Owner—Standard Stations, Inc., 200 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co. 225 Bush Street. $4,000

GREASING STATION
(1008) NW POST and Divisadero Sts. One-story Class A greasing station.
Owner—Standard Stations, Inc., 200 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co. 225 Bush Street. $3,000

SERVICE STATION
(1010) SE POST and Webster Sts.; Class C service station.
Owner—General Petroleum Corp., Pier and Ferry, Oakland.
Architect—Not Given. $2,000

LUBRICATION ROOM
(1011) SE POST and Webster Sts.; Class C lubrication room.
Owner—General Petroleum Corp., Pier and Ferry, Oakland.
Architect—Not Given. $1,000

FLATS
(1012) S BEACH 100 W Webster; 3-story frame flats.
Owner—Vita Scarpulla, care contractor.
Architect—S. A. Colton, Flatiron Bldg.
Contractor—H. H. Isaac, 517 Belvedere. $11,500

FLATS
(1013) S BEACH 100 W Webster; 3-story frame flats.
Owner—Vita Scarpulla, care contractor.
Architect—S. A. Colton, Flatiron Bldg.
Contractor—H. H. Isaac, 517 Belvedere. $11,500

DWELLING
(1014) SW LOMBARD and Kearny; three-story and basement frame dwelling.
Owner—W. W. Warren, Jr., care contractor.
Architect—G. A. Dailey, 210 Post St
Contractor — A. F. Mattock Co., 21: Clara St. $16,000

STORAGE BLDG.
(1015) NW 19th ST. and Illinois; Class C gasoline storage bldg.
Owner — Hancock Oil Co., care contractor.

Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant Street. $1,000

OFFICES
(1016) NW 19th STREET and Illinois; Class C offices.
Owner — Hancock Oil Co., care contractor.
Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant Street. $2,000

OFFICES
(1017) NW 19th STREET and Illinois; Class C offices.
Owner — Hancock Oil Co., care contractor.
Architect—Not Given.
Contractor—John W. Huggard, 1060 Bryant Street. $2,000

DWELLING
1018) W 25th AVE. 62.5 N Camino Del Mar; two-story and basement frame dwelling.
Owner—Sea Cliff Home Builders, 544 Golden Gate Avenue.
Architect—E. M. Sharpe, 525 Market.
Contractor—Wm. Spivock, 544 Golden Gate Avenue. $7,700

DWELLING
(1019) W 25th AVE. 30 North Camino Del Mar; two-story and basement frame dwelling.
Owner—Sea Cliff Home Builders, 544 Golden Gate Avenue.
Architect—E. M. Sharpe, 525 Market.
Contractor—Wm. Spivock, 544 Golden Gate Avenue. $7,700

FLATS
(1020) SW CASA WAY 278 NW Retiro Way. Two-story and basement frame flats.
Owner — Sharboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $6000

FLATS
(1021) S CHESTNUT ST. 140 W Baker St. Two-story and basement frame flats.
Owner — Sharboro & Jorgensen, 2225 North Point St., San Francisco.
Architect—Not Given. $7000

DWELLING
(1022) NE LAGUNA HONDA 40 SE Idora St. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda St., San Francisco.
Architect — Harold G. Stoner, 39 Sutter Street. $3500

STATION
(1023) ST THIRTY-SIXTH AVE. & Balboa St. One-story steel auto supply station.
Owner—Louis D. Stoff, 26 Montgomery St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco
Contractor — Michel & Pfeffer Iron Works, Inc., 1415 Harrison St., San Francisco. $4000

DWELLING
(1024) NE LAGUNA HONDA 72 SE Idora St. One-story and basement frame dwelling.
Owner—J. V. Campbell, 849 Laguna Honda St., San Francisco.
Architect — Harold G. Stoner, 39 Sutter St. $3500

FLATS
(1025) W VICKSBURG ST. 50 S Elizabeth St. One-story and basement frame flats.
Owner—Daniel E. Dudy, % Contractor.
Architect—Not Given
Contractor — Henry Erickson, 972 Chenery St., S. F. $4000

DWELLING
(1025) S EL CAMINO DEL MAR 45 E 25th Ave. Two-story and basement frame dwelling.
Owner—M. A. Little, 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco. $7000

DWELLING
(1026) W FORTY-SIXTH AVE. 212 N Santiago St. Two-story frame dwelling.
Owner—Frank Tillotson, 3024 Cayuga St., San Francisco.
Architect—Not Given.
Contractor—Al. Langsley, 59 Cayuga St., San Francisco. $3000

STATION
(1027) NW BEALE AND HOWARD Sts. One-story steel service station.
Owner — Signal Oil Co., 2301 Blanding St., Alameda.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $3000

DWELLING
(1028) E THIRTY-FOURTH AVE. 100 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1029) W THIRTY - SECOND AVE. 75 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1030) N JUDAH ST. 107 E Twenty-fourth Ave. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1031) S EL CAMINO DEL MAR 75 E 24th Ave. Two-story and basement frame dwelling.
Owner—M. A. Little, 107 24th Ave., San Francisco.
Architect—Masten & Hurd, 233 Post San Francisco. $8000

ALTERATIONS
(1032) E EIGHTH ST. 150 S Folsom St. Alter laundry.
Owner—Galland Mercantile Laundry, 301 8th St., San Francisco.
Engineer — Leland S. Rosener, 233 Sansome St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $1500

DWELLING
(1033) E THIRTY - FOURTH AVE. 125 S Kirkham St. One-story & basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1034) W THIRTY - SECOND AVE. 100 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1035) W THIRTY - SECOND AVE. 125 S Kirkham St. One-story and basement frame dwelling.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1036) NO. 217 EDDY ST. Alter hotel.
Owner—Hotel Clark, % Contractor.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., S. F. $2000

No.	Owner	Contractor	Amt.
MARKET			
(1037)	SW IRVING ST. AND 22ND Ave. One-story frame market.		
	Owner—G. Casey, 110 Sutter St., San Francisco.		
	Architect—Not Given.		
	Segregated Contracts.		$12,000

BAKERY
(1038) NO. 45 STOCKTON STREET Alter bakery.
Owner—Mr. Hellwig, Premises.
Architect—Not Given.
Contractor — Unit Bilt Fixture Co., 963 Harrison St. $1000

ALTERATIONS
(1039) E BRODERICK ST. 150 N Chestnut St. Alter flats.
Owner—Gaston Martell, 3236 Broderick St., San Francisco.
Architect—Not Given.
Contractor—Peder P. Johnson, 1750 Bay St., San Francisco. $7250

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
761	Brannan	Rhodes	1500
762	Smith	Owner	1873
763	Hurst	Owner	1000
764	Fanlo	Hamilton	1750
765	Golden	Imp	2500
766	Waldman	Owner	4000
767	Kesti	Owner	5500
768	Rinella	Owner	1350
769	Bagot	Boodt	1750
770	Erdman	Kavanagh	1000
771	Eklund	Erickson	1000
772	Russell	Rosenberry	1000
773	Western	Sjoberg	2916
774	Scammell	Owner	5250
775	Gullart	Owner	1000
776	Dalwigh	Rich	1600
777	Standard	Owner	1500
778	Mills	Nordstrom	1000
779	Uberto	Valente	1500
780	Carash	Deldine	1500
781	Forman	Owner	2000
782	Heyman	Thornally	4000
783	Keane	Waldman	4600
784	McClusky	Owner	3000
785	Penny	Brown	25000
786	Silvers	Brown	1500

ALTERATIONS
(761) NO. 41 MOSS AVE., OAKLAND Alterations and repairs.
Owner—John Brannan, 6030 Telegraph Ave., Oakland.
Architect—Not Goven.
Contractor — Wm. J. Rhodes, 5869 Estates Drive, Oakland. $1500

REPAIRS
(762) NO. 2673 GRANDE VISTA ST., OAKLAND. Fire repairs.
Owner—M. H. Smith, Box 11, Los Altos.
Architect—Not Given. $1373

ALTERATIONS
(763) NO. 2421 BROADWAY, OAKLAND. Alterations.
Owner — C. P. Hurst, 858 Excelsior Ave., Oakland.
Architect—Not Given. $1000

ALTERATIONS
(764) NO. 3658 WEST ST., OAKLAND. Alterations and addition.
Owner—A. Fanlo, 733 37th St., Oakland.
Architect—Not Given.
Contractor—M. F. Hamilton, 2444 Virginia St., Berkeley. $1750

SIGN
(765) SEVENTH AND KIRKHAM Sts., OAKLAND. Roof sign.
Owner—Golden West Brewing Co., 7th and Kirkham Sts., Oakland.
Architect—Not Given.
Contractor—Imp Elec. Sign Co., 2228 Myrtle St., Oakland. $2500

DWELLING
(766) 2951 62nd AVE., OAKLAND; 1-story 5-room dwelling.
Owner and Builder—A. E. Waldman, 3192 McKillop Road, Oakland.
Architect—Not Given. $4,000

DWELLING
(767) 865 WALLA VISTA AVENUE, OAKLAND; 2-story 7-room dwelling.
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given. $5500

STORE
(768) 2917 TELEGRAPH AVENUE, BERKELEY; one-story store.
Owner and Builder—Joe Rinella, 531 58th St., Oakland.
Architect—Not Given. $1350

REMODELING
(769) 1229 REGENT ST., ALAMEDA; remodeling two flats.
Owner—W. R. Bagot, 1242 Bay Street, Alameda.
Architect — Albert Froberg, Webster St., Oakland.
Contractor—Jacob Boodt, 2300 San Antonio Ave., Alameda. $1750

ADDITIONS
(770) 2543 HILGARD, BERKELEY; additions.
Owner—H. E. Erdman, premises.
Architect—Not Given.
Contractor — D. H. Kavanagh, 2442 Piedmont, Berkeley. $1000

ADDITION
(771) NO. 2690 SEVENTY-FIFTH Ave., OAKLAND. Addition.
Owner—Mrs. A. Eklund, Premises.
Architect—Not Given.
Contractor—John Erickeon, 1229 Pearl St., Alameda. $1000

ALTERATIONS
(772) NO. 402 SIXTY-SECOND ST., OAKLAND. Alterations and addition.
Owner—G. H. Russell, Premises.
Architect—Not Given.
Contractor — C. C. Rosenberry, 1401 Mountain Blvd., Oakland. $1000

ALTERATIONS
(773) NW THIRD AND JACKSON Sts., OAKLAND. Alterations and addition.
Owner—Western Pacific R. R. Co., Mills Bldg., San Francisco.
Architect—Not Given.

Contractor —N H. Sjoberg & Son, 5604 E-16th St., Oakland. $2916

DWELLING
(771) 26 ELSTON COURT, **OAKLAND.** One-story six-room dwlg.
Owner—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given. $5250

ALTERATIONS
(775) NO. 1619 E - FOURTEENTH St., **OAKLAND.** Alterations.
Owner—Antone Gullart, 1728 E-19th St., Oakland.
Architect—Not Given. $1000

ADDITION
(776) NO. 5138 CORONADO STREET **OAKLAND.** Addition.
Owner—O. Dalwigh.
Architect—Not Given.
Contractor—James L. Kich, 556 37th St., Oakland. $1600

STATION
(777) NO. 1161 T H E ALAMEDA, **BERKELEY.** One-story service station.
Owner—Standard Oil Co.
Architect—Not Given. $1500

CANOPY
(778) NO. 650 KENWYN RD., **OAKLAND.** Steel canoy.
Owner—Dr. Wm. Mills.
Architect—Not Given.
Contractor — David Nordstrom, 4150 Emerald St., Oakland. $1000

ALTERATIONS
(779) NO. 862 FORTY-FIRST ST., **OAKLAND.** Alterations.
Owner—Pierina Uberto.
Architect—Not Given.
Contractor — M. E. Valente, 5118 Clarke St., Oakland. $1500

ADDITIONS
(780) NO. 1103 KEELER STREET, **BERKELEY.** Additions.
Owner — Sherman Carash. Premises.
Architect—Not Given.
Contractor—Dildine & McKibben, 350 63rd St., Oakland. $1500

STATION
(781) NO. 1047 DWIGHT WAY, **BERKELEY.** One-story Class C service station.
Owner — J. H. Forman, 5000 Broadway, Oakland.
Architect—Not Given. $2000

REPAIRS
(782) NO. 985 BAYVIEW STREEET **OAKLAND.** Fire repairs.
Owner—Laurence Heyman, Premises.
Architect—Not Given.
Contractor — W. C. Thornally, 354 Hobart St., Oakland. $4000

DWELLING
(783) NO. 3234 E-SIXTEENTH ST., **OAKLAND.** One-story six-room dwelling.
Owner—T. Keane, 1527 33rd Avenue, Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3174 McKillop Road, Oakland. $4500

DWELLING
(784) NO. 4005 THIRTY-NINTH AVE **OAKLAND.** One-story dwelling.
Owner—J. B. McCluskey, Premises.
Architect—Not Given. $3000

ALTERATIONS
(785) NO. 1116 WASHINGTON ST., **OAKLAND.** Alterations.
Owner—J. C. Penny Co.
Architect—Not Given.
Contractor — Henry Brown, 1387 E-32nd St., Oakland. $25,000

ALTERATIONS
(786) NO. 416 ELEVENTH STREET, **OAKLAND.** Mezzanine floor.
Owner—Silvers Clothing Co.
Architect—Not Given.
Contractor — Henry Brown, 1387 E-32nd St., Oakland. $1500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
137	Scarpulla	Isaac	32350
71	Olsen	Greenlaw	5370
138	Betts	Sartorio	17660
139	Stagnaro	Antonini	110
140	Inland	Huggard	9000

FLAT BLDGS.
(137) S BEACH ST., bet. Webster and Fillmore Sts. All work for two three-story and basement frame flat buildings.
Owner—Vita Scarpulla, 3757 Webster St., San Francisco.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor — H. H. Isaac, 517 Belvedere St., San Francisco.
Filed Sept. 26, '35; Dated Sept. 24, '35.
Contract signed ..... $ 500.00
Roof on and exterior walls sheathed 7962.50
Brown coated inside and outside 7962.50
When completed 7962.50
Usual 35 days..... 7962.50
TOTAL COST, $32,350.00
Bond, $16,175. Surety, Coast Surety Corp. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

SHOP BLDG.
(138) 866-876 FOLSOM ST., one-story shop building.
Owner—Betts Spring Co., 888 Folsom.
Engineer—Norman B. Green, 55 New Montgomery St.
Contractor — Peter Sartorio, Monadnock Bldg.
Filed Sept. 27, '35. Dated Sept. 25, '35
Monthly payments of..... 75%
Usual 35 days.....Balance
Total Cost, $17,660
Bond, $17,660. Sureties, U. S. Fidelity & Guaranty Co. Limit, 60 calendar days. Plans and Spec. filed.

PAINTING
(139) 267 CHARTER OAK; paint exterior of dwelling.
Owner—John L. and Angelina Stagnaro, 267 Charter Oak.
Architect—Not Given.
Contractor—F. Antonini & Co., 2385 Lombard Street.
Filed, Sept. 27, '35. Dated Aug. 7, '35. HOLC Contract.
TOTAL COST, $110.00
Bond, $110. Sureties, Hartford Accident & Indemnity Co. Plans and Spec. filed.

SERVICE STATION
(140) NW WEST PORTAL and 14th Ave.; super service station.
Owner—Inland Trading Company.
Architect—Not Given.
Contractor — John W. Huggard, 1060 Bryant Street.
Filed Sept. 28, '35. Dated Sept. 27, '35
Foundations completed $2,000
Bldg. delivered 2,000
Bldg. erected 2,000
Upon completion..... 2,000
Usual 35 days..... 1,000
TOTAL COST, $9,000
Limit, 45 days. Plans and Specifications filed.

BUILDING CONTRACTS
ALAMEDA COUNTY

RESIDENCE
(71) LOT 26 BLK 4, Thousand Oaks Heights, Berkeley. All work for residence.
Owner—Deta Ross Olsen, 2506 Union St., San Francisco.
Architect — Masten & Hurd, 233 Post St., San Francisco.
Contractor — C. M. Greenlaw, 5975 Keith Ave., Oakland.
Filed Sept. 26, '35. Dated Aug. 18, '35.
Frame up $1342.50
Brown coated 1342.50
When completed 1342.50
Usual 35 days..... 1342.50
TOTAL COST, $5370.00
Bond, $2685. Sureties. Dr. N. J. Templeton and S. G. MacBeth. Limit, forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER apartments, $75; 2785-2795 Green St.; owner, Mary J. McDonald & Robert Weiss, 372 Pine
SIGN, electric, $50; 728 22nd St.; owner, Industrial Medical Center, 728 22nd St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER store, $500; 745 Washington St.; owner, Yut Sang, Prem.; contractor, Fank Yick, 670 Washington Street.
SIGN, electric, $20; 2702 Mission St.; owner, Davis Bootery, Premises; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $75; Alabama and Army Sts.; owner, Pete's Tavern, Premises; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
ALTER dwelling, $450; 1046 Powell St.; owner, Chew Wah May, Prem., contractor, Frank Yick, 670 Washington St.
ALTER barber shop, $200; 30 Montgomery St.; owner, Frank Ollivieri Premises.
SIGN, electric, $100; 164 O'Farrell St.; owner, Braun's Watch Shop, 164 O'Farrell St.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER flats, $200; 2309 24th Street; owner, Mrs. Toby, Premises.
ALTER flats, $230; 307 Eureka St.; owner, John Jachens, 305 Eureka
SIGN, electric, $175; 246 Montgomery St.; owner, Montgomery Club, 246 Montgomery St.; contractor, Apex Elec. Co., 363 Fell St.
SIGN, electric, $200; 111 Taylor St.; owner, Hotel Raford, Premises; contractor, American Elec. Sign Co., 1740 Eddy St.
ALTER auto supply building, $50; gore Ocean and Onondaga Aves.; owner, Seaside Oil Co., 2125 3rd St.; contractor, Michel & Pfeffer Iron Works, 1415 Harrison St.

ALAMEDA COUNTY UNDER $1000

ALTERATIONS, $750; 2900 5th Street, Berkeley; owner, Durkee Famous Foods, Prem.; contractor, Frank A. Stead, 3206 Boise St.
ALTERATIONS, $119; 2008 Grant St., Berkeley; owner, E. C. Gay, Prem. contractor, Wm. Craig, 3306 Harrison St., Oakland.
ADDITION, $450; 1305 Ward Street, Berkeley; owner, P. Blandin, 1305 Ward St.; contractor, W. E. Bethel, 1338 67th St.
ALTERATIONS, $700; 715 Market St. Oakland; owner, Paul Aglietti, 355 Crescent Ave., S. F.
GARAGE, one-story, $100; 7569 Sterling Drive, Oakland; owner, Jeannie C. Johnson, 5240 Belvedere St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Contracts

1— APARTMENTS

Plans Completed

RENT HOUSE Cost, $1,722
SAN FRANCISCO. Leavenworth St. Rent house on roof of 5-story apartment (hollow tile construction, oak plank flooring, interior walls finished in wall board and Tiffany text, brick fireplace, large reception hall and living room, shower and toilet rooms, kitchen and breakfast room, sun-deck with tile floor, alcove room with red cedar T&G with ship berth, lockers, 12-in. hinged brass ports, etc.)
Owner—Withheld.
Architect—Oscar R. Thayer, 1120 Union Street.

Preparing Preliminary Plans.

APARTMENTS Cost, $12,000
SAN FRANCISCO. Telegraph Hill.
One- and two-story apartment building (four 3-room apts.) brick and rustic exterior, board, batton and shakes, plaster and board panels, oak plank flooring, fireplaces in all apartments, metal sash, orn. metal wood rails, view balconies, etc.)
Owner—Withheld.
Architect—Oscar R. Thayer, 1120 Union Street.

4— FACTORIES & WAREHOUSES

Planned.

CHURCH Cost, $40,000
RICHMOND, Contra Costa Co., Cal. Twelfth and Bissell Streets.
New church.
Owner — First Presbyterian Church (Rev. J. Chester White).
Architect—Not Given.
Following trustees will draw up plans for submission to the congregation: President Charles W. W. St. John; Secretary Fred Breen; F. C. Shallenberger, Al Waring, S. H. Clark, R. E. Slattery, Homer Patterson and Emory Milner.

Construction Postponed Indefinitely

CHURCH Cost, $——
SALINAS, Monterey Co., Calif. SW Corner California and Winham.
New church.
Owner—First Baptist Church (Rev. L. D. Logee, pastor).
Architect—Not Given.
Further details will be announced shortly

4— FACTORIES & WAREHOUSES

Contract Awarded.

SHOP BLDG. Cost, $12,000
SAN FRANCISCO. No. 866-876 Folsom Street.
One-story Class C shop building.
Owner—Betts Spring Co., 888 Folsom St., San Francisco.
Engineer—Norman B. Green, 55 New Montgomery St., San Francisco.
Contractor—Peter Saratorio, 681 Market St., San Francisco.

Electric Wiring Contract Awarded.

FACTORY Cost, 175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemours & Co. (W. J. Schlinger, Mgr., 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner Wilmington, Delaware.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Electric Wiring—Kuchel & Sievers Electric Works, Ltd., 468 Fifth St., San Francisco.
Other sub-contract awards reported Sept. 12, 19, 20 and 24.

Contract Awarded.

ADDITION Cost, $2000
LOS BANOS, Merced Co., Calif.
One-story brick addition (14x55 ft) to cheese factory.
Owner—New Sonoma Creamery Co., 517 Washington St., San Francisco.
Architect—Not Given.
Contractor—V. Filippis, 269 24th Ave. San Francisco.

Sub-Contracts Awarded

SHOP Cost, $15,000
SAN FRANCISCO. N Folsom St. E Fourth Street.
One- and two-story steel and concrete shop bldg. (35x160 feet) concrete walls, steel trusses, tar and gravel roof, etc.
Owner—L. W. Stettner.
Structural Engineer — W. Adrian, 417 Market Street.
Lessee—Victor Equipment Company.
Contractor—E. A. Anderson and Son, 1177 DeHaro Street.
Plumbing—George Rehn, 1919 Mission.
Electric Wiring—Fred Johnson, 3363 Army Street.
Iron Grille Work—Michel and Pfeffer Iron Works, Harrison and 10th.
Lumber—Sudden Lumber Co., Evans and Quint Streets.
Hardware—S. Marriani & Son.
Painting—Chas. Melby, 1374 25th Ave.
Foundation (concrete)—Readymix Co., 1100 Bayshore Blvd.
Structural Steel—Western Iron W'ks, 141 Beale Street.
Reinforcing Steel—Gunn, Carle & Co., 20 Potrero Avenue.
Wood Rolling Doors—Chas. Christensen, 557 Market St.

Plans Being Completed.

DAIRY Cost, $20,000 including equipment
SAN RAFAEL, Marin Co., Cal. Mary Street near Fourth.
One - story reinforced concrete dairy and bottling plant (50x100-ft.)
Owner—Roberts Dairy, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked in about 1 week.

Contract Awarded

WINERY Cost, $
FRESNO, Fresno Co., Calif
New winery and brandy distillery
Owner—Roma Wine Co., Lodi (J. Battista Cella, President).
Architect—Not Given.
Contractor — Louis Franceschi, 3750 Webster St., San Francisco.
Further details will be announced shortly.

To Be Done By Day's Work.

ALTERATIONS Cost, $6,000
STOCKTON, San Joaquin Co., Calif 617 North Stanislaus Street.
Alterations to boiler and engine room.
Owner—ElDorado Brewing Co., 617 N Stanislaus St., Stockton.
Plans by Engineering Dept. of Owner.

Plans Being Figured—Bids Close Oct. 16th.

FACTORY Cost, $50,000
NAPA, Napa Co., Calif. Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St. San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.

Plans Being Completed

BOTTLING PLANT Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SW Cor. Stockton Blvd. and Miller Way.
One - story brick bottling plant (first floor concrete, 2nd, wood construction; composition roof, steel windows, 2,000-ton freight elevator).
Owner—Coco Cola Company.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids will be asked within 2 weeks.

Planned

FACTORY Cost, $——
OAKLAND, Alameda Co., Cal. Fruitvale Ave. (22-acre site)
New factory.
Owner — Owens Illinois Pacific Coast Co., 1855 Folsom St., San Francisco.
Engineer—P. D. Burtt, 1855 Folsom St., San Francisco.
Further details will be announced within two or three months

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. E Eighth St. 150 S Folsom Street.
Alterations to laundry.
Owner—Galland Mercantile Laundry, 301 8th St., San Francisco.
Engineer — Leland S. Rosener, 233 Sansome St., San Francisco.
Contractor — Cahill Bros., 206 Sansome St., San Francisco.

BIDS WANTED

SAN FRANCISCO. — Until Oct. 9, 1:45 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for installing new tar and gravel roof on warehouse at the Mission Police Station.
Further details may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th Street.

5— FLATS

Contract Awarded.

FLATS Cost, $10,000
SAN FRANCISCO. E Van Ness Ave. So. 120 N 20th Street.
Two-story and basement frame flats.
Owner—A. C. Roemer & Irene Wahle.

475 Dolores St., San Francisco.
Architect—Not Given.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco.

Contract Awarded.
FLATS Cost, $32,350
SAN FRANCISCO. S Beach St., bet. Webster and Fillmore Streets.
Two three-story and basement frame flat building.
Owner—Vita Scarpulla, 3757 Webster St., San Francisco.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco.

Contract Awarded.
FLATS Cost, $32,350
SAN FRANCISCO. S Beach Street, between Webster and Fillmore.
Two three-story and basement flat buildings (French architecture); (each to contain 8 rooms, 3 baths and maid's facilities); hardwood parquet floors, canvas walls and ceilings, hardwood trim, recessed radiation gas fired steam boiler; colored tile baths and plumbing fixtures; mechanical refrigeration; stucco exterior; tile stairs, wood sash; composition and shingle roofing.
Owner — Mrs. Vita Scarpulla, 3757 Webster St., San Francisco.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Belvedere St., San Francisco.

To Be Done By Day's Work
FLATS Cost, $8,000
SAN FRANCISCO. SW Casa Way 278 NW Retiro Way.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point Street
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $1,750
ALAMEDA, Alameda Co., Calif. 1229 Regent Street.
Remodeling two flats.
Owner—W. R. Bagot, 1242 Bay St., Alameda.
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor—Jacob Boodt, 2300 San Antonio Ave., Alameda.

To Be Done By Day's Work
FLATS Cost, $8,000
SAN FRANCISCO. S Chestnut 140 W Baker Street.
Owner and Builder—Sbarboro & Jorgensen, 2225 North Point Street.
Architect—Not Given.

Contract Awarded
FLATS Cost, $5,000
SAN FRANCISCO. W Vicksburg 50 S Elizabeth Street.
One - story and basement frame and stucco flats.
Owner—Daniel E. Dudy.
Architect—Not Given.
Contractor—Henry Erickson, 972 Chenery Street

Plans Being Prepared.
SERVICE STATION Cost, $10,000
REDWOOD CITY, San Mateo County, Calif. Post and Webster Streets.
Steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO. SE Third Avenue and California Street.
Alter service station.
Owner—Signal Oil Co., 2301 Blanding St., Alameda.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $2000
BERKELEY, Alameda County, Calif. Dwight Way and Grove Street.
Remodel service station building.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

Plans Completed
SERVICE STATION Cost, $6,000
REDWOOD CITY, San Mateo County, Calif. Perry St. and Broadway.
Steel service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded
SERVICE STATION Cost, $9,000
SAN FRANCISCO. NW West Portal and 14th Avenue.
Super service station.
Owner—Inland Trading Company.
Architect—Not Given.
Contractor — John W. Huggard, 1060 Bryant Street.

Contract Awarded
SERVICE STATION Cost, $7,000
SAN FRANCISCO. NW Post and Divisadero Streets.
One-story Class A service station and one-story Class A greasing station.
Owner — Standard Stations, Inc., 200 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co. 225 Bush Street.

To Be Done By Day's Work.
SERVICE STATION Cost, $3,000
SAN FRANCISCO. SE Post and Webster Streets.
Class C service station and lubrication room.
Owner & Builder—General Petroleum Corp., Pier and Ferry, Oakland.
Plans by Engineering Dept. of Owner.

Contract Awarded.
STATION Cost, $5000
SAN FRANCISCO. SE Thirty-sixth Ave. and Balboa Street.
One-story steel auto supply station.
Owner—Louis D. Stoff, 26 Montgomery St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.

Contract Awarded
SERVICE STATION Cost, $4,000
SAN FRANCISCO. SE Lincoln Way and Great Highway.
One-story Class A service station.
Owner — Standard Stations, Inc., 200 Bush Street.
Plans by Engineering Dept. of Owner.
Contractor—Standard Oil Co. 225 Bush Street.

Contract Awarded
STORAGE BLDG. Cost, $1,000
SAN FRANCISCO. NW 19th and Illinois Streets.
Class C gasoline storage building.
Owner—Hancock Oil Co., % contractor.
Architect—Not Given.
Contractor — John W. Huggard, 1060 Bryant Street.
Construction Started
SERVICE STATION Cost, $2,5
SAN RAFAEL, Marin Co., Calif.
Steel and sheet metal service statio
Owner—Todd Franklin, 2191 3rd St San Francisco.
Architect—D. E. Jaekle, 126 Post St San Francisco.
Work is being done under the su pervision of the owner.

To Be Done By Day's Work.
SERVICE Cost, $250
BERKELEY, Alameda Co., Cal. No 1047 Dwight Way.
One-story Class C service station.
Owner—J. H. Forman, 5000 Broadwa Oakland.
Architect—Not Given.

Contract Awarded.
SERVICE STATION Cost, $400
SAN FRANCISCO. NW Beale an Howard Streets.
One-story steel service station.
Owner—Signal Oil Co., 2301 Blandin St., Alameda.
Plans by Engineering Dept. of Owner
Contractor — Fred J. Early Jr., 36 Pine St., San Francisco.

Plans Being Prepared.
SERVICE STATION Cost, $25,00
REDWOOD CITY, San Mateo County Calif. Bayshore bet. Jefferson an Middlefield Roads.
Steel service station.
Owner—General Petroleum Corp., 51 19th St., Oakland.
Plans by Engineering Dept. of Owner. Bids will be asked in about 2 weeks.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
REDLANDS, San Bernardino Co., Cal.—Patterson Bros., 2059 Webster St., Oakland, at $750 awarded contract by the Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office at Redlands.

Bids Rejected.
POST OFFICE Cost, $83,000
SALINAS, Monterey Co., Calif. West Alisal, Howard, Church and Lincoln Streets.
One-story reinforced concrete Post Office (140x60 ft.) tile floors in lobby, ornamental wainscoting.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans will probably be revised and new bids asked.
On bid opening low bid was submitted by Leo Epp, San Francisco, at $79,220.

CONTRACT AWARDED
YUMA, Ariz.—Arthur M. Gelden, Chicago, Ill., at $1482 awarded contract by the Treasury Department, Washington, D. C., for painting the plaster, etc., in the the U. S. Post Office at Yuma, Arizona.

CONTRACT AWARDED
WEISER, Idaho—Arthur M. Gelden, Chicago, Ill., at $474 awarded contract by the Treasury Department, Washington, D. C., for painting the plaster, etc., in the U. S. Post Office, at Weiser, Idaho.

CONTRACT AWARDED
FAIRBANKS, Alaska—Commercial Painting Service, Chicago, Ill., at $3300 awarded contract by the Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. Post Office, Fairbanks, Alaska.

Contract Awarded
POST OFFICE Cost, Price, $39,800
WOODLAND, Yolo Co., Calif. Court Street.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Geo. Petersen, 1841 Bancroft, San Leandro.
NOTE: Bids were opened on this contract February 11; award was delayed due to difficulty in clearing title to the site and the bids were rejected with others pending when the National Industrial Recovery Act was declared unconstitutional. New bids were invited for October 7 but it is understood no plans have been issued.

Bids Wanted—To Close October 28, 1 P. M.
POST OFFICE Cost, $89,000
HAYWARD, Alameda Co., Calif. C and Watkins Streets.
U. S. Post Office Bldg. (one-story and basement(81x62.5-feet; reinforced concrete with copper, bronze and wood trimmings, marble base, tile floors in work rooms; granite entrance stairway, flat asphalt roof, steam heating system, etc.
Owner—United States Government.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
One set of plans and specifications obtainable from the Supervising Architect, Treasury Dept., Washington, D. C., without charge to prospective bidders.

Bid Opening Date Postponed Until Oct. 17, 1 P. M.
POST OFFICE Cost, $57,200
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from the Treasury Department, Washington, D. C.
On previous bid opening lowest bid was submitted by the Atlas Const. Co., Pasadena, at $44,500.
Date previously set for October 2, 1 P. M.

CONTRACT AWARDED
MERCED, Cal.—Pacific Painting & Decorating Co., 5414 Telegraph Ave., Oakland, at $786 awarded contract by Treasury Dept., Washington, D. C., for painting the plaster, etc., in the U. S. post office at Merced.

BIDS OPENED
ELKO, Nev.—Ceco Weatherstrip & Screen Products Co., 1928 S. 52nd St., Chicago, at $635 submitted low bid to Treasury Department, Washington, D. C., for furnishing insect screens for the Elko post office.
Complete bids follow:
Ceco Weatherstrip & Screen Products Co., Chicago $635
Watson Mfg. Co., Jamestown, N. Y. 669
Corry Metal Corp., Corry, Pa. 725
Cincinnati Fly Screen Co., Cincinnati 754
Chamberlain Metal Weatherstrip Co., Detroit 798
Johnson Metal Prod. Co., Erie Pa. 875
Bids held under advisement.

Bid Opening Date Postponed Until Oct. 22, 1 P. M.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Date was previously set for October 11th.

LOW BIDDER
HONOLULU, T. H. — Wong Buck Kam, Honolulu, at $2,850 submitted low bid to the Treasury Department, Washington, D. C., for painting plaster, etc., in the U. S. Immigration Station, at Honolulu.

CONTRACT AWARDED
LOS ANGELES, Cal. — Dahlstrom Metalic Door Co., Jamestown, New York, at $7799 awarded contract by Veterans Administration Facility, Washington, D. C., for metal cubicle partitions in Buildings Nos. 162 and 174 at the Veterans' Administration Facility, Los Angeles.

BIDS WANTED
SACRAMENTO, Cal.—Until Oct. 25, 10 A. M., bids will be received by the Treasury Department, Procurement Division, Public Works, Washington, D. C., for new bulletin board and directional signs in the new Sacramento Post Office.
One set of specifications obtainable from the Custodian of the building or from the above office.

Bid Opening Date Postponed Until October 11, 1 P. M.
BARRACKS Cost, $115,000
PORT ANGELES, Wash. Coast Guard Air Station.
One-story brick barracks building (to accommodate 75 men) shop building and garage.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.

CONTRACT AWARDED
SAN PEDRO, Los Angeles Co., Cal. —Pacific Coast Elevator Co., 1978 S. Los Angeles St., Los Angeles, at $24,840 awarded contract by Treasury Department, Washington, D. C., for furnishing and installing elevators in the U. S. Federal Building to be erected in San Pedro.

BIDS WANTED
OAKLAND, Cal.—Until October 8, 2 P. M., bids will be received by the Custodian, U. S. Post Office, Oakland, for furnishing and installing wood frame door to connect two offices on the second floor of the new post office building, Oakland.
Further details may be obtained at Room 226, Post Office Bldg.

BIDS OPENED
POINT ST. GEORGE, Cal.—General Electric Appliance Co. at $1,236 submitted low bid to Public Works Officer, Mare Island Navy Yard, for furnishing and installing an oil burning heating boiler with fuel tank to replace an existing coal fired boiler at the U. S. Naval Direction Finder Station, Point St. George, Crescent City, Calif. Specification No. 8047. Only other bid was submitted by George C. Bell, Oakland, at $2,017.
Bids held under advisement.

8— CLUB BUILDINGS

Contract Awarded.
CLUB BLDG. Cost, $13,050
SAN JOSE, Santa Clara Co., Calif. Napredak Park, Lawrence Road and Milligan Street.
One and two-story frame social building.
Owner—Jugoslav Club Napredak, Inc., Cupertino.
Architect—Not Given.
Contractor — M. E. Vukicevich, 666 Mission St., San Francisco.

Preparing Working Drawings
NIGHT CLUB Cost, $17,000
MARYSVILLE, Yuba Co., Calif.
One-story brick night club (72x72-ft. wood sash, tile floors, maple dance floor, tile roof, cocktail bar, game rooms, dining room, kitchen.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Owner Taking Bids.
NIGHT CLUB Cost, $17,000
MARYSVILLE, Yuba Co., Calif.
One-story brick night club (72x72 ft.) wood sash, tile floors, maple dance floor, tile roof, cocktail bar, game rooms, dining room, kitchen.
Owner—K. Kirby, Hotel Marysville, Marysville.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

Bids Opened.
PITTSBURG, Contra Costa Co., Cal. Cumberland St., bet. 9th and 10th.
One-story and basement frame and stucco lodge bldg. (tile and composition roofing, gas hot air heating system, hardwood floors in clubrooms and lodge rooms, gymnasium, locker rooms, kitchen in basement, etc.)
Owner—Pittsburg Lodge of Elks.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—Victor Kaufenberg, 80 E. 5th St., Pittsburg, $16,295.
Heating — J. C. Owens, 1616 Carlton St., Berkeley, $850
Complete bids follow:

General Work

Victor Kaufenberg, Pittsburg	$16,295
H. J. & S. E. Siino, Pittsburg	16,837
J. Dawson, Berkeley	16,856
E. T. Leiter & Son, Oakland	16,867
G. E. Siino, Pittsburg	17,403
Jos. H. Siino, Pittsburg	17,348
Frank J. Reilly, S. F.	17,431
R. Catalene, Pittsburg	17,532
Mark Bristol, Oakland	18,100
N. H. Sjoberg & Son, Oakland	18,727
Lindgren & Swinerton, Oakland	18,728
W. E. Lyons, Oakland	18,996

Heating

J. C. Owens, Berkeley	$ 850
Walter Mork, Berkeley	960
Aarvaks Heating App. Co., Berkeley	977
Scott Co., Oakland	1002
Martinez Sheet Metal Works, Martinez	1009

Bids held under advisement.

9— HOSPITALS

Plans Being Completed.
HOSPITAL Cost, $200,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc. 200-bed capacity.
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bank Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer), Courthouse, Santa Rosa.
Bids will be asked about Oct. 18.

Contract Awarded
SANITARIUM Cost, $——
GEYSERS, Sonoma Co., Calif. (Sixteen miles from Cloverdale).
Sanitarium (probably reinforced concrete construction) to accommodate 150 (to treat infantile paralysis, arthritis, etc.)
Owner—Doctor J. W. Sooy, Fitzhugh Bldg., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor—Pete Hurley, % owner
Construction will start in about 30 days.

Plans Being Completed.
ADDITION Cost, $32,000
AUBURN, Placer Co., Cal.
One-story reinforced concrete ward addition to county hospital (80-bed ward); composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked within a few days.

TO ASK BIDS
LONG BEACH Cal.—Sisters of the Incarnate Word, 1060 Linden Avenue, Long Beach, will probably call for bids within a week for a 4-story Class A hospital (126x147-ft.) to be built at Tenth Street and Linden Ave., Long Beach, a PWA project. Will provide 65 beds, offices, laboratory, pharmacy, dining rooms, kitchen and surgical foyer, reinforced concrete construction, moulded stone ornamentation, steam heat, steel sash, etc. A separate reinf. concrete laundry building, 30x51-ft. in area, will be built on the site. Cost, $225,000.

BIDS OPENED
SAN FRANCISCO.—R. S. Silverberg 405 Montgomery Street, at $466 (completion in 30 days) submitted low bid to the Custodian at the Marine Hospital for construction of a new rear entrance, etc., at the Plague Laboratory, Marine Hospital.
Complete bids follow:
R. S. Silverberg, $466; completion in 30 days.
Nick Hemminga, $590; 60 days.
H. L. Petersen Const. Co., $597; 35 days.
M. E. Yukicevich, $696; 45 days.

10— HOTELS

PREPARING PLANS
SANTA BARBARA, Cal.—Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Building, Los Angeles, are preparing working drawings for an addition to the Mar Monte hotel in Santa Barbara for the Pacific States Savings & Loan Co. The addition will be equal in size to the existing building and will contain 80 guest rooms. It will be a wood frame and stucco structure.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 217 Eddy St.
Alterations to hotel.
Owner—Hotel Clark, Premises.
Architect — Hyman & Appleton, 68 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

12— POWER PLANTS

CONTRACT AWARDED
MARE ISLAND, Cal.—Ideal Electric Mfg. Co., Mansfield, Ohio, at $99,872 awarded contract by the Navy Department, Bureau of Yards & Docks, Washington, D. C., for furnishing 4 600 - kw motor - generator sets and switchboards for Mare Island Navy Yard, under Spec. No. 7992

COMPLETE BIDS
MARE ISLAND, Cal. — Ideal Elec. Mfg. Co., Mansfield, Ohio, (as previously reported) at $99,872 submitted low bid to Navy Department, Bureau of Yards and Docks, Washington, D. C., for furnishing four 600-kw motor-generator sets and switchboards for Mare Island Navy Yard; Spec. 7992.
Complete bids fgollow:
Ideal Electric Mfg. Co., Mansfield, O., $99,872.
Fairbanks Morse & Co., New York City, $102,780.
Electric Boat Co., Bayonne, New Jersey, $110,400.
Alta Electric & Mechanical Co., San Francisco, $117,882.
General Electric Co., Schnectady, New York, $120,470.
Allis-Chalmers Mfg. Co., Milwaukee, Wis., $121,150.
Westinghouse Electric & Mfg. Co., Washington, D. C., $122,920.
Burke Electric Co., Erie, Pa., $124,500

CONTRACT AWARDED
MARE ISLAND, Cal.—C. C. Moore & Co., 450 Mission St., San Francisco at $40,966 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for resetting two boilers, consisting of the removal of boiler settings, raisng two boilers of approximately 1000-hp. ea., new settings with air - cooled walls and appurtenances, at Central Power Plant, Navy Yard, Mare Island, under, Spec. No. 8033.

BIDS OPENED
SACRAMENTO, Cal.—Bush Roofing Co., 750 Stockton Ave., San Jose, at $575 submitted low bid to the Sacramento City Council for re-roofing the City Library in the block bounded by I, J, 8 and 9th Streets.
Complete bids follow:
Bush Roofing Co., San Jose, $575.
Star Roof Co., Sacramento, $750.
Allyn Burr Co., Sacramento, $828.
State Roofing Co., Sacramento, $990.
Bids held under advisement.

Preparing Plans.
SUB-STATION Cost, $195,000
ALAMEDA, Alameda Co., Cal. (Not Selected).
Reinforced concrete sub-station for electric light plant.
Owner—City of Alameda.
Plans by Engineering Dept. of Owner (Wm. R. Paulson in charge).
Application filed with the PWA for a grant to assist financing project.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Planned
FIRE STATION Cost, $20,000
CARMEL, Monterey Co., Cal. Sixth St. bet. San Carlos and Mission
Class B fire station (64x40 ft.)
Owner—City of Carmel.
Architect—Milton Latham, P. O. Box 1257, Carmel.
Ways and means of raising funds to finance the project is now under way.

Plans Being Completed
HALL & FIRE DEPT. Cost, $50,000
MILL VALLEY, Marin Co., Calif.
Two-story Class C concrete brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architect—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco.
Plans will be completed by Oct. 12.

Preliminary Plans Approved.
CITY HALL, ETC. Cost, $25,000
NEWMAN, Stanislaus Co., Calif.
One-story city hall (to house fire department, chamber of commerce, justices' offices, etc.)
Owner—City of Newman.
Architect — G. N. Hilburn, 1213 I St., Modesto.
City Council has approved preliminary plans and application will be filed with the PWA for a grant.

Plans Being Prepared
ALTERATIONS Cost, $—
ALAMEDA, Alameda Co., Cal. Sant Clara and Oak Streets.
Alterations to City Hall tower (ne roof, etc.)
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St Alameda

BONDS FAIL
SAN BRUNO, San Mateo Co., Ca —San Bruno voters defeated bond issue Sept. 30 in the amount of $50,00 proceeds to have financed purchas of Uncle Tom's Cabin property fo development of a civic center.

BIDS WANTED
SAN FRANCISCO. — Until Oct. 1:45 P. M., bids will be received b Department of Public Works, Roo 251, City Hall, for furnishing an hanging monks cloth when alteration are made, matching present installa tion in the Art Museum, Fourth Floor Veterans' Bldg., Van Ness Ave. an McAllister Street.
Further details may be obtaine from R. A. Chisholm, Supt. of Publi Buildings, 484 11th Street.

BIDS OPENED
SAN FRANCISCO. — Otis Elevato Co., 1 Beach Street, at $197.41 (repai cable) and $750.00 (car top) submit ted low bid to Department of Publi Works for repairs to elevators at the Hall of Justice.
Complete bids follow:
(1) cable (2) car top.
Otis Elevator Co.....(1) $197.41
.....(2) 750.00
Westinghouse El. Elev. Co. (1) 546.3
Pacific Elev. & Equip. Co.....(1) 631.54
S. F. Elevator Co..... (1) 965.20
Bids held under advisement.

Plans Being Figured—Bids Close Oct. 14th, 11 A. M.
ALTERATIONS Cost, $—
ALAMEDA, Alameda Co., Calif. NW Santa Clara and Oak Streets.
Alterations to City Hall tower (new roof, etc.)
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Plans and specifications may be obtained from Sherman C. Blood, City Clerk, upon deposit of $10.00.

CONTRACT AWARDED
SAUSALITO, Marin Co., Cal.—Dave Langsam, Sausalito, at $489 awarded contract by city council for furnishing and laying Pabco linoleum, jaspe type, 1/16 and 1.8 gauge in the public library at Sausalito.

Planned.
CIVIC BLDGS. Cost, $30,000
SONORA, Tuolumne Co., Calif.
City Hall, firehouse, library, etc. (reinforced concrete construction).
Owner—City of Sonora.
Architect—G. N. Hilburn, 1213 I St., Modesto.

BIDS WANTED
SAN FRANCISCO. — Until Oct. 11, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for alterations and additions to bar at the War Memorial Opera House, Van Ness Avenue and Grove Street. Estimated cost, $3,500.
Specifications may be obtained from Chas. Sawyer, City Architect, upon deposit of $5.00.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $7,500
OAKLAND, Alameda Co., Cal. Piedmont Pines.

Two-story frame and stucco residence (6 rooms, 2 baths) tile roof, gas hot air heating system, hardwood floors, tile baths, steel sash, etc.
Owner—Mr. O'Brien.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor—F. W. Confer, 1328 Arch Street, Berkeley.

To Be Done By Day's Work
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 26 Elston Court.
One - story frame and stucco residence (six rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not Given.

Plans Completed
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. Laguna Honda & Idora.
Two 1-story and basement frame and stucco residences.
Owner and Builder—J. V. Campbell, 849 Laguna Honda.
Architect — Harold G. Stoner, West Portal and Portola Drive.

Owner Taking Bids.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 541 Excelsior Street.
Alterations to stucco store (40x18 ft.) and 5 room residence (new tar and gravel roof, tile bath, etc.
Owner—James Chiotti, Premises.
Architect—Not Given.
Plans by B. K. Dobkowitz, 425 Monterey Blvd. San Francisco.

Sub-Contracts Awarded
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Calif. Las Canada Road.
Two-story residence (siding and brick exterior, probably shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.)
Owner—J. H. Peterson, 1424 Benito Ave., Burlingame.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Roofing—J. H. Peterson, 1424 Benito Ave., Burlingame.
Plumbing—Harry Lee, 220 California Drive, Burlingame.
Electric Wiring—R. G. Linville, 2617 Easton St., Burlingame.
Heating—B. B. Stern & Co., 241 Park Road, Burlingame.
Furnace — Fox (American Radiator Company).
Concrete—C. Bragatto, San Mateo.
Wood Sash—Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Hardwood Floors—Inlaid Floor Co., 600 Alabama St., San Francisco.
Lumber—Wisnom Lumber Co., 5th and S. Claremont Sts., San Mateo
Lathing and Plastering—C. B. Henderson, 232 N. Ellsworth Ave., San Mateo.
Finish Material — Pacific Mfg. Co., Monadnock Bldg., San Francisco.
Foundation..— J. H. Peterson, 1424 Benito Ave., Burlingame.
Sub-bids are being taken on linoleum, brick and stone work, painting and hardware.

Preparing Preliminary Sketches
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific Avenue.
Three-story duplex residence (7 rooms and 2 baths each) stucco exterior, tile and composition roof, hardwood floors, gas fired steam heat.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Plans will be completed in about two weeks.

Preparing Preliminary Plans.
RESIDENCE Cost, $8000
SAN FRANCISCO. Seacliff.
Two-story residence (7 rooms and 2 baths) colored tile baths and plumbing fixtures, hardwood floors wood sash, elevator, gas fired steam heat, composition & shingle roof.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
The general contract has been awarded.

Preparing Working Drawings.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, gas or oil heating system, color tile baths, etc.
Owner—Dr. Jacobus, 341 Vecente Rd., Berkeley.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.
Bids will be asked in about two weeks.

Plans Being Figured—Bids Close Oct. 10, 3 P. M.
RESIDENCE Cost, $5500
EDGEMONT, Santa Clara Co., Calif. Alum Rock Hills District.
One-story brick Colonial residence (6 rooms and 2 baths) shingle roof, pine floors, gas heat, tile baths.
Owner—C. F. Holmes, 87 S. 17th St., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Bids are being received from a selected list of contractors.

Plans Being Completed.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Calif.
One-story wood frame residence (10 rooms and 4 baths) Colonial style; shake roof, oil hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—J. K. Ballantine Jr., 137 Harlan St., San Francisco.
Plans will be complete about Oct. 9.

Plans Being Completed.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
One-story and basement frame and stucco residence (five rooms).
Owner—Withheld.
Architect — J. K. Ballantine, 137 Harlan Place, San Francisco.
Plans will be complete about Oct. 9.

Contract Awarded.
RESIDENCE $4500
CARMEL, Monterey Co., Cal. Lincoln St., bet. 8th and 9th Sts.
Residence (5 rooms).
Owner—Miss E. Armstrong.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey and Salinas National Bank Bldg., Salinas.
Contractor — Miles Paln, Box 534.

Contract Awarded.
RESIDENCE Cost, $——
CARMEL, Monterey Co., Cal. Hatton Fields.
Residence (7 rooms and 2 baths).
Owner—Burton Doolittle.
Architect — C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Contractor—Harold C. Geyer, Box 822 945 Hellam St., Monterey.

Contract Awarded
RESIDENCE Cost $[illegible]
SONOMA, Sonoma Co., Calif. Lot 1, Sonoma Grove Farms.
One-story and basement residence.
Owner—F. Baldini, Sonoma.
Architect—Not Given.
Contractor—L. Murer, 1274 Quesada St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost $5,[illegible]
OAKLAND, Alameda Co., Calif. [illegible] Walla Vista Avenue.
Two-story residence (7 rooms)
Owner and builder—David Kesti, 22[illegible] Browning St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,1[illegible]
OAKLAND, Alameda Co., Calif. 29[illegible] 62nd Avenue.
One-story residence (five rooms) and garage.
Owner and Builder—A. E. Waldman, 3192 McKillop Road, Oakland.
Architect—Not Given.

Plans Being Figured—Bids Close Oct. 8th.
RESIDENCE Cost, $——
SAN FRANCISCO. Sherwood Forest
Two - story and basement frame and stucco residence.
Owner—Dr. and Mrs. J. D. Delprat
Architect—Miller & Pflueger, 580 Market Street.
A. F. Mattock, 212 Clara Street is figuring the plans and desires sub-bids on all portions of the work.

Plans Being Prepared.
RESIDENCE Cost, $12,000
CARMEL, Monterey Co., Cal. Hatton Fields.
Stone residence (4 bedrooms and 4 baths).
Owner—General Ross, % Architect.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey and Salinas National Bank Bldg., Salinas.

Sub-Contracts Awarded
RESIDENCE Cost, $5,000
MERIDIAN, Colusa Co., Calif.
One - story wood frame residence (board and batten exterior, shake roof, oil burning heating system).
Owner—George Tarke.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Contractor — Moore and Roberts, 693 Mission St., San Francisco.
Plumbing and Sheet Metal—Helsam & Son, 724 Plumas St., Yuba City.
Hardwood Floors — Regal Floor Co., Ltd., 490 Brannan St., San Francisco.
Electrical—George Tarke.
Tile—Donlon & Fratessa, Ltd., 66 12th St., San Francisco.
Plastering—R. W. Fife, R. F. D. No 2, Gridley.
Brick—Edwin A. Hunn, 917 5th Street Marysville.
As previously reported, cement contract awarded to Henry Cowell Lime & Cement Co., 2 Market St., San Francisco; reinforcing steel, Thompson Diggs, Sacramento; lumber, Frank R. Close, Suttery City, and mill work to Brannan St. Planing Mill, 560 Brannan St., San Francisco.

Contract Awarded
RESIDENCE Cont. Price, $5600
BERKELEY, Alameda Co., Calif. 11 Miller Avenue.
Two-story wood residence (6 rooms, 2 baths) redwood exterior, shake roof, wood sash, hardwood floors, linoleum baths.
Owner—Professor Marhenke
Architect — Michael Goodman, 2183 Center St., Berkeley
Contractor — Philip L. Coats, 2837 Foothill Blvd., Berkeley.

Preparing Preliminary Plans.
RESIDENCES Cost, $6,500
OAKLAND, Alameda Co., Calif. Head of the Lake District.
Two 2-story frame and stucco residences (7 rooms and 2 baths) gas fired steam heat, shake roof.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Plans Being Figured
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double garage, shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adock.
Architect—J. H. Thomas, 31 Norwood Avenue, Berkeley.
Bids will probably close October 4. Following will submit bids:
Clarence O. Bradhoff, 911 55th St., Oakland.
Elmer J. Freethy, 224 16th Street, Richmond.
Norman Anderson 3000 Barrett Ave. Richmond.

Sub-Contracts Awarded
RESIDENCE Cost, $15,000
WOODSIDE, San Mateo Co., Calif.
Two-story frame residence (10 rooms and 4 baths) French style, shake roof, oil heating system, hardwood floors, tile baths, etc.
Owner—M. Moreshead.
Architect—W. B. Farlow, 1478 16th Ave., San Francisco.
Contractor — Moore and Roberts, 693 Mission St., San Francisco.
Tile—Richmond Tile Co., 1024 Clement St., San Francisco.
Sheet Metal and Heating—Lowell Davison, 375 Monterey Blvd., S. F.
Painting—A. A. Zelinsky Sons, Inc., 3011 Steiner St., San Francisco.

Plumbing and Sheet Metal Contract Awarded.
RESIDENCE Cont. Price, $18,065
SACRAMENTO, Sacramento Co., Cal. Forty-sixth and J Streets.
Two - story and basement frame and concrete residence (10 rooms and 4 baths) Tudor style, stucco exterior, half timber, cast stone, steel windows, tile roof, steel sash.
Owner—Very Rev. Emile S. and Mrs. Harper, Sacramento.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor — Moore and Roberts, 693 Mission St., San Francisco.
Plumbing and Sheet Metal—M. R. Carpenter, 907 Front St., Sacramento.
Other sub - contracts awarded published Sept. 13 and 18.

Low Bidder
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal. Leslie Hughes Tract.
One - story California Colonial residence (5 rooms, 1 bath) wood and steel sash, hardwood floors gas hot air heat; alternate bids will be taken for shingle and tile roofing.
Owner—A. B. Rinehart, 1624 Morris Ave., Modesto.
Architect—Victor Galbraith, 211 East Acacia, Stockton.
Low Bidder — C. D. Meissner, 1730 Francis Ave., Modesto.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO, 2006 Lyon Street.
Alterations to residence.
Owner—E. B. Sutton.
Architect—Warren C. Perry, 260 California Street.
Contractor — Moore and Madsen, 557 Market Street

Sub-Contracts Awarded
RESIDENCE Cost, $7,000
BURLINGAME, San Mateo Co., Cal. Lot 29 Blk 13 BH Alvarado Ave.
Residence.
Owner—Karl T. Mooney, 1464 Burlingame Ave., Burlingame.
Architect—Not Given.
Contractor—Mooney and McDonald.
Plumbing—Harry Lee, Burlingame.
Heating—Garvey Sheet Metal Works, Burlingame.
Lumber—Roth Maier, San Francisco.
Grading—B. Carino, San Mateo.

Contract Awarded
RESIDENCE Cost, $6,850
PALO ALTO, Santa Clara Co., Calif. 1834 Fulton Street.
One-story frame and stucco residence.
Owner—Edward E. Hardy, 254 Mariposa St., Palo Alto.
Architect—Birge and David Clark, 310 University Ave., Palo Alto.
Contractor — W. P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
RESIDENCE Cont. Price, $11,275
BURLINGAME, San Mateo Co., Calif.
Residence.
Owner—A. H. Lowe, 770 Willborough Road, Burlingame.
Architect—Will H. Toepke, 126 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.

Preparing Plans
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific and Pierce Streets.
New residence.
Owner—Mortimer Fleischhacker.
Architect—W. W. Wurster, 260 California Street.

Contract Awarded
RESIDENCE Cost, $——
MODESTO, Stanislaus Co., Cal. Mono Drive.
One-story frame and stucco residence (7 rooms, 2 baths) hot air heating system, hardwood floors.
Owner—W. D. Cook.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor — Wendell Thompson, 436 James St., Modesto.

Low Bidder.
RESIDENCE Cost, $8,000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths) composition roofing, steel sash, hardwood floors tile baths, etc.
Owner—M. Langstroth, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Low Bidder.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story stucco residence (gas heating system, tile roof, hardwood floors).
Owner—Colonel Chamberlain.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Low Bidder—B. Tunberg & Co., Box 732, Palo Alto.

Contract Awarded
RESIDENCE Cost, $10,500
LOS ALTOS, Santa Clara Co., Calif.
One - story and basement Monterey Colonial residence (8 rooms and 3 tile baths) heavy shingle roof, linoleum and oak floors, gas hot air heat, air conditioning, wood sash, brick, wood and plaster exterior.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — R. S. Silverberg, 401 Montgomery St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Margarido Drive and Rockridge Road
Two-story English residence (6 rooms and 2 baths) steel sash, hardwood floors, gas heat.
Owner—Withheld.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Owner Taking Sub-Bids.
RESIDENCE Cost, $17,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco English residence (9 rooms and 4 tile baths) shake roof, hardwood floors, gas hot air heating.
Owner & Builder—Cavanagh & Barz, 432 Occidental Ave., San Mateo.
Architect—Ed. Musson Sharpe, 525 Market St., San Francisco.

Preparing Working Drawings.
RESIDENCE Cost, $9000
PIEDMONT, Alameda Co., Cal.
Residence (8 rooms and 3 tile baths) hardwood floors, shake roof, gas furnace.
Owner—Withheld.
Architect—W. E. Schirmer, 910 Bank of America Bndg., Oakland.
Working drawings will be completed in about one week.

Contract Awarded.
RESIDENCE Cost, $3435
RESIDENCE (six rooms).
Owner—M. O. Bailey, 11 Acacia St., Salinas.
Architect—Hugh Comstock, 6th and Torres Sts., Carmel.
Contractor—Albert Staton, 234 Congress Ave., Pacific Grove.

Contract Awarded.
RESIDENCE Cost, $6000
PALO ALTO, Santa Clara Co., Calif. 550 California Avenue.
One-story stucco residence and garage.
Owner—Ralph R. Steele, 219 Elm St., San Mateo.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $1200
FRESNO, Fresno Co., Cal. No. 3434 Nevada Street.
Residence and garage.
Owner and Builder—A. B. Laufer, 1317 S. 10th St., Fresno.
Architect—Not Given.

Plans Being Figured
REMODEL RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif. San Antonio and Eighth.
Remodel residence.
Owner—General Hand.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Plans Being Figured
ALTERATIONS Cost, $——
MONTEREY, Monterey Co., Calif.
Remodel residence, add guest apartment and two garages.
Owner—Mr. and Mrs. Clyde Dorsey, 34 Chular, Monterey.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Plans Being Figured
ALTERATIONS Cost, $——
CARMEL, Monterey Co., Calif. Dolores and Vista.
Remodel residence.

Owner—Mr. and Mrs. Irwin Barbour, Dolores and Vista, Carmel.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Plans Being Prepared
RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif.
Residence (five rooms).
Owner—Jim Thoburn, Camino Real and Second, Carmel.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Plans Being Prepared
RESIDENCE Cost, $8,000
SALINAS, Monterey Co., Calif. Hoover Street.
Modern residence (seven rooms).
Owner—Mr. Gene Dong.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Plans Being Prepared
RESIDENCE Cost, $5,000
MONTEREY, Monterey Co., Calif.
Residence (three bedrooms).
Owner—Mr. and Mrs. C. W. Keeley, 946 Franklin St., Monterey.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Thirtieth Ave. 75 S Kirkham Street.
One-story and basement frame dwlg.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah St., S. F.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Thirtieth Ave. 125 S Kirkham Street.
One-story and basement frame residence.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St., S. F.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,750
CARMEL, Monterey Co., Calif. Lincoln St. between 8th and 9th.
Residence (five rooms).
Owner—Miss A. Williston.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Contractor—Miles Bain, Box 534, Carmel.

Bids In—Under Advisement.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Shelton Drive, Piedmont Pines.
California-Colonial residence (6 rooms, two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Moordock.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Arlington Avenue.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) tile roof, gas heating system, hardwood floors, tile baths, steel sash, etc.
Owner—L. C. Uren.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Carl Fox, 616 The Alameda, Berkeley.

Contract Awarded.
RESIDENCE Cost, $5470
SAN FRANCISCO. W Beaver St. 75 S Fifteenth St.
One-story and basement frame residence.
Owner—W. T. Carpmill, 2321 15th St., San Francisco.
Architect—Not Given.
Contractor—Thos. A. Cuthbertson, 430 Noriega St., San Francisco.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif 1756 Fulton Street.
Two-story frame and stucco residence.
Owner—G. T. Provine, 1815 Waverly St., Palo Alto.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $11,400
PALO ALTO, Santa Clara Co., Calif Crescent Park.
Two-story stucco residence (gas heating system, tile roof, hardwood floors).
Owner—Colonel Chamberlain.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—B. Tunberg & Co., Box 732, Palo Alto.

Contract Awarded
RESIDENCE Cost, $5,000
PALO ALTO, Santa Clara Co., Calif 1001 Lincoln Avenue.
One - story frame and stucco residence.
Owner—Frank Eastman.
Architect—Not Given.
Contractor—B. Tunberg and Co., Box 732, Palo Alto

Reinforcing Steel Contract Awarded.
RESIDENCE Cost, $10,500
LOS ALTOS, Santa Clara Co., Calif.
One - story and basement Monterey Colonial residence (8 rooms and 3 tile baths) heavy shingle roof, linoleum and oak floors, gas hot air heating, air conditioning, wood sash, brick, wood and plaster exterior.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — R. S. Silverberg, 405 Montgomery St., San Francisco.
Reinforcing Steel — W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
REDWOOD CITY, San Mateo Co., Cal. No. 1671 Valata Road.
One-story frame residence.
Owner—Otto Walther.
Architect—Not Given.
Contractor—Earl Baird, 198 Oliver St., Redwood City.

Contract Awarded.
RESIDENCE Cost, $7500
REDWOOD CITY, San Mateo Co., Cal. No. 2876 El Camino Real.
Two-story frame and stucco residence (7 rooms).
Owner—Eugene Ostertag, 549 Cordova St., San Francisco.
Architect—Not Given.
Contractor—Ruegg Co., 369 Pine St., San Francisco.

Plans Completed.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence (seven rooms).
Owner—Syndicate Idora, Ltd.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cost Price, $5500
SAN FRANCISCO. St. Francis Wood.
Two-story frame residence (6 rooms and 2 baths) rustic siding, oak floors, hot air heating system, steel and wood sash, tile baths, etc.
Owner—Hall McKelvey.
Architect—James H. Anderson, 2410 Dana St., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $——
WOODSIDE, San Mateo Co., Cal.
Two-story residence (15 rooms and 5 baths) plaster exterior, wood and steel frame, steel joists, steel sash, deck roof, slate covered, oil burner warm air heating system, etc.
Owner—Wm. T. Crowley.
Architect — Gardner Dailey, 210 Post St., San Francisco.
Contractor—G. H. Meese, 1401 Floribunda Ave., Burlingame.

Contract Awarded
RESIDENCE Cost, $5,000
REDWOOD CITY, San Mateo County, Calif. 1671 Valata Road.
Owner—Otto Walther.
Architect—Not Given.
Contractor—Earl Baird, 198 Oliver St., Redwood City.

Plans Being Revised
RESIDENCE Cost, $8,000
MARYSVILLE, Yuba Co., Calif.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, oil burner heating system, wood sash, hardwood floors, tile baths.
Owner—G. H. Ottney.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Plans will be completed in about ten days.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 46th Avenue 212 N Santiago.
Two-story frame and stucco residence
Owner—Frank Tillotson, 3024 Cayuga.
Architect—Not Given.
Contractor—Al. Langsley, 59 Cayuga.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Judah Street 107 E 24th Avenue.
One - story and basement frame and stucco residence.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. Thirty-second Avenue South Kirkham Street.
Five one - story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

Preparing Sketches
RESIDENCE Cost, $10,000
CONTRA COSTA COUNTY, Calif.
Two-story frame and stucco residence
Owner—Withheld.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
RICHMOND, Contra Costa Co., Cal 5901 Sacramento Street
One-story frame and stucco residence
Owner—George Stocks, 5901 Sacramento St., Richmond.
Plans by Owner

Sub-Contracts Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Alta Street near Montgomery Street (on Telegraph Hill).
Two-story frame and stucco residence (9 rooms and 3 baths) composition roof, gas hot air heating system, tile baths, etc.
Owner—Miss Helen W. Forbes.
Architect—W. W. Wurster, 260 California Street.
Contractor—F. G. Appelbe, 2405 Acton St., Berkeley.
Lumber—Loop Lumber Co., Broadway and Blanding St., Alameda.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Plumbing and Tile Work—Scott Co., 113 10th St., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Lot 12, Willborough Avenue.
One - story and basement frame and stuco residence.
Owner—Martin Jensen, 1407 DeSoto, Burlingame.
Architect—Not Given.
Contractor—Geo. W. Williams Co., 315 Primrose Road, Burlingame.

Contract Awarded
RESIDENCE Cost, $9,500
BELVEDERE, Marin Co., Calif.
Two - story and basement frame and stucco residence.
Owner—Mr. Claude Hooke, Belvedere.
Plans by Bank of America Inspector and Federal Housing Admin.
Contractor—Unit Const. Co., 557 Market St., San Francisco

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SAN MATEO, San Mateo Co., Calif. 2905 Hacienda.
Two-story frame and stucco residence.
Owner & Builder—Lengfeld & Olund, 220 E Third Ave., San Mateo.
Architect—Not Given.

Plans Being Prepared
RESIDENCE Cost, $6,000
SAN FRANCISCO. NE 11th and Kirkham Streets.
One - story and basement frame and stucco residence (five rooms) tile roof, gas heating system, wood sash, tile bath, hardwood floors.
Owner and Builder—M. McDonough, 148 Randall Street.
Architect—C. O. Clausen, 746 46th Avenue.

Low Bidder
RESIDENCE Cont. Price, $4,900
HAYWARD, Alameda Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Low Bidder—H. S. Shain, 54 Arlette Avenue, Hayward.

Contract Awarded
RESIDENCE Cost, $25,000
GLENBROOK, Nevada.
Two-story wood and stone residence.
Owner—Dr. Hans Lisser, Fitzhugh Bldg., San Francisco.
Architect—John Dinwiddie, 360 Pine St., San Francisco.
Contractor—Moore and Roberts, 393 Mission St., San Francisco.

Contract To Be Awarded.
RESIDENCE Cost, $8000
MODESTO, Stanislaus Co., Calif.
Two-story frame and stucco residence (7 rooms and 2 baths) composition roofing, steel sash, hardwood floors tile baths, etc.
Owner—M. Langstroth, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—M. O. Ward, Rt. 1, Box 541 Modesto.

Plans Being Figured.
ALTERATIONS Cost, $5000
ALAMEDA, Alameda Co., Cal.
Alterations and additions to residence
Owner—Not Given.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
John E. Branagh, 116 Monticello Ave., Piedmont, is figuring the plans.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Thirtieth Ave. 100 S Kirkham Street.
One-story and basement frame residence.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St., S. F.
Architect—Not Given.

Contract Awarded
RESIDENCE Cont. Price, $7,040
REDWOOD CITY, San Mateo County.
One - story wood residence (6 rooms) shake roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Ed. O'Brien.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Emil Steinegger, 1312 Jefferson Ave., Redwood City.

15— SCHOOLS

CONTRACT AWARDED
LONG BEACH, Cal.—Pacific Realty & Bldg. Co., 433 E Broadway, Long Beach, awarded contract by the Long Beach board of education at $77,361, using salvaged materials, for the construction of the Fremont elementary school.

Funds Asked
COMPLETE SCHOOL Cost, $—
CARMEL, Monterey Co., Calif. San Carlos and Ninth Streets.
Complete two classrooms and paint exterior of building.
Owner—Sunset School.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Application has been filed with the PWA for aid in financing.

Award Recommended
SCHOOL Cost, $36,975
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder — C. M. Norgrove, 2220 Roosevelt St., Berkeley.
The district has recommended to the PWA that contract be awarded the low bidder, C. M. Norgrove, at $36,975.

Contract Awarded
RESIDENCE Cost, $3,435
SALINAS, Monterey Co., Calif.
Residence (six rooms).
Owner—M. O. Bailey, 11 Acacia St., Salinas.
Architect—Hugh Comstock, Sixth and Torres Streets, Carmel.
Contractor—Albert Staton, 234 Congress Ave., Pacific Grove. 14

FIRE LOSS
CEDARVILLE, Modoc Co., Calif.—Fire destroyed the high school building and gymnasium at Cedarville Sept. 27. Loss is estimated at between $50,000 and $60,000.

CONSTRUCTION TO START SHORTLY.
SANTA BARBARA COUNTY, Cal.—Wigg Const. Co., 11,700 School St., Lynwood, will start work at once on the construction of school buildings at Santa Ynez, for the Santa Ynez Valley Union High School District, a PWA project. The buildings will be wood frame structures with stucco exteriors, tile roofing, concrete and wood floors, heating plant, etc. The contract price is $91,870. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, architect.

BONDS VOTED
CONCORD, Contra Costa Co., Cal.—Clayton Valley School District voted bonds in the amount of $9,000 Sept 27 to finance construction of a new school building in Concord.
Preliminary plans prepared by Architect E. W. Cannon, 81 Echo St., Oakland.

BOND ELECTION
LAFAYETTE, Contra Costa Co., Calif.—Lafayette School District will vote October 18 on a proposal to issue bonds in the amount of $27,000 to finance construction of a new school in Lafayette.
Trustees of the school district are as follows: M. H. Stanley, Bertha Huntsman, Daisy Hetherington.

BONDS VOTED
PLEASANTON, Alameda Co., Cal.—Amador Joint Union High School District voted bonds in the amount of $35,000 Sept. 28 to finance construction of a new auditorium in Pleasanton.

Preparing Preliminary Plans
SCHOOL Cost, $9,000
FAIR OAKS, Sacramento Co., Calif.
One-story frame school (4 classrooms)
Owner—Orangevale School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
A bond election will be held in the near future

Grant Approved
SCHOOL Cost, $25,000
ORICK, Humboldt Co., Calif.
One-story school building (two classrooms, typing dept., chemistry laboratory, lunch room, kitchen).
Owner—Orick Elementary School Dist.
Architect—Frank T. Georgeson, Eureka.
PWA approved grant of $13,770 to the Orick School District.

Preliminary Plans Completed
REPAIR SCHOOL Cost, $28,000
DAVIS, Yolo Co., Calif.
Owner—Davis School District.
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Application filed with the PWA for a grant to assist in financing the work.

Preliminary Plans Completed.
HIGH SCHOOL Cost, $75,000
CAMPBELL, Santa Clara Co., Calif. Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner—Campbell High School District (Mrs. Louis Shelley, clerk).
Architect—W. H. Weeks, 525 Market St., San Francisco.

Plans Being Completed
IMPROVE SCHOOL Cost, $——
CROCKETT, Contra Costa Co., Cal.
Structural changes to west wing of grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.

Revised Plans Being Completed
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Cal. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
New bids will be asked in about 2 weeks.
On previous bid opening lowest bid was submitted by Lawrence Const. Co., Sacramento, at $26,350.

GRANT APPROVED
REDLANDS, San Bernardino Co., Cal.—President Roosevelt has approved a PWA grant of $48,000 to the Redlands High School District for a new gymnasium to be built on the high school site in Redlands. The district will put $48,711 of surplus funds into the project, total cost of which is estimated at $96,711. Following approval of the plans by the state board of architecture, bids will be advertised. The building will be a reinforced concrete and structural steel structure, containing a basketball floor, dressing rooms, showers, offices, storage space, etc. G. Stanley Wilson, Mission Inn, Riverside, is the architect.

Plans Being Completed.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked in about thirty days.

Preparing Plans.
SCHOOL Cost, $28,000
DEL PASO, Sacramento Co., Cal.
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Preparing Preliminary Plans.
SCHOOL Cost, $25,454
NAPA, Napa Co., Cal.
One-story reinforced concrete elementary school building (2 classrooms and auditorium to seat 200) steam heating system, etc.
Owner—Mt. George Union Elementary School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
PWA has allotted loan and grant of $25,454.

LOW BIDDER
VENICE, Los Angeles Co., Cal.—Harry F. Miller, 1908 W. 75th St., Los Angeles, at $87,211 submitted low bid to tht Los Angeles Board of Education, September 27, for construction of two new shop buildings (58x180 and 50x128) at the Venice High School.
Plans prepared by Architects John C. Austin and Frederic M. Ashley, 608 Chamber of Commerce Bldg., L. A.

BONDS VOTED
SEBASTOPOL, Sonoma Co., Calif.—Sebasotpol Elementary School District voted bonds in the amount of $42,000 October 1 to finance construction of a one-story frame and stucco grammar school to contain eleven classrooms.
Plans being prepared by Architects Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Completing Plans.
SCHOOL Cost, $16,000
AUBURN, Placer Co., Cal.
One-story frame grammar school addition (six classrooms) rustic exterior.
Owner — Auburn Union Grammar School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bids will be asked shortly.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach, at $89,252 (using salvaged materials) submitted low bid to the Long Beach Board of Education, Sept. 27, for construction of science and shop building at the Washington Junior High School.
J. K. Thomas, Cooper Arms Apts., Long Beach, at $98,126 submitted low bid using new materials.
Plans prepared by Architect W. Horace Austin, 532 Chestnut Ave., Long Beach.

CONTRACT AWARDED
KERN COUNTY, Cal.—Henry Eissler, Bakersfield, at $9,000 awarded the contract by Mountain View School District for additions to the Mountain View School. Plans prepared by Architect Chas. H. Biggar, Haberfelde Bldg., Bakersfield.
Complete bids follow:
Henry Eissler $9,000
Williams & Greenough 9,225
Opperman & Kampe 9,250
All of Bakersfield.

Sub-Contracts Awarded.
RECONSTRUCT SCHOOL
Contract Price, $106,400
OAKLAND, Alameda Co., Calif. 1926 Nineteenth Avenue.
Reconstruction and rehabilitation of Roosevelt School.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Bank of America Bldg., Oakland, and Oakland Board of Education.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Plumbing—J. E. O'Mara, 2720 McAllister St., San Francisco.
Blackboards—J. W. Fricke Co., 420 Market St., San Francisco.
Structural Steel—Schrader Iron W'ks, 1247 Harrison St., San Francisco.
Electric — Spencer Electric Co., Monadnock Bldg., San Francisco.
Painting—Jos. J. Burdon, 587 Athol St., Oakland.

BONDS DEFEATED
SAN MATEO, San Mateo Co., Cal.—San Mateo Elementary School District defeated bonds in the amount of $45,000 October 1. Proceeds were to have financed construction of a one-story grammar school building in San Mateo.
Preliminary plans prepared by Architect W. H. Toepke, 126 Post St., San Francisco.

BIDS OPENED
SAN FRANCISCO—Bureau of Bldg. Repair at $3,912.80 submitted low bid to the Department of Public Works for alterations to Room 405, Galileo High School. Work involves alterations to fume cabinets, chemistry tatables, etc. Only other bid was submitted by H. L. Petersen at $4,256.
Bids held under advisement.

16— BANKS, STORES AND OFFICES

Bids In—Under Advisement.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 2220 Clement Street.
Alterations to two-story flat building for store.
Owner—Withheld.
Architect — E. A. Neumarked, 2688 Greenwich St., San Francisco.

Plans Being Prepared
ALTERATIONS Cost, $12,000
SALINAS, Monterey Co., Calif. 301 Main Street.
Add sixth floor, provide areas and equipment for doctors and dentists.
Owner—Salinas National Bank, 301 Main St., Salinas.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Sub-Bids Wanted.
ALTERATIONS Cost, $14,000
RICHMOND, Contra Costa Co., Calif. 912-915 Macdonald Avenue.
Alterations and one-story and basement addition (42 ft.) to building (stores on ground floor) new front, etc.
Owner—L. H. Westering, Reno, Nev., and Los Angeles.
Plans by Engineering Dept. of Lessee.
Lessee — J. C. Penny Co., Inc., 1106 Washington St., Oakland.
Contractor — Henry Brown, 1387 E-32nd St., Oakland.
Mr. Brown is taking sub-bids on all portions of the work.

Sub-Contracts Awarded.
STORES Cost, $9000
OAKLAND, Alameda Co., Cal. No. 3312 Lakeshore Avenue.
One-story brick store building.
Owner—L. D. Cummings, Haddon Rd. Oakland.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.
Plumbing — H. B. Carmichael, 1809 Third Avenue.
Electric Wiring—Spott Electric Co., 569 19th Street.
Concrete—Nat Lena, 1174 19th St.
Steel Sash—East Bay Glass Co., 621 Sixth Street.
Reinforcing Steel—Herrick Iron Wks., 18th and Campbell Sts.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts.
Glass—W. P. Fuller & Co., 259 Tenth Street.
Lumber—Hogan Lumber Co., 2nd and Alice Streets.
Grading—Ariss-Knapp Co., 961 41st Street.
Foundation—Nat Lena, 1174 19th St.
Millwork—Lannom Bros., Fifth and Magnolia Sts.
Brick and Stone Work — Hallert & Kneale.
All bidders of Oakland unless otherwise noted.

Plans Being Figured—Bids Close October 2nd.
RE-ROOF Cost, $——
VALLEJO, Solano County, Calif. 242 Georgia Street.
Construct new roof on the Vallejo Commercial Branch of the Bank of America.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner.

Contract Awarded
OFFICES Cost, $4,000
SAN FRANCISCO. NW 19th and Illinois Streets.
Class C offices.
Owner—Hancock Oil Co., % contractor.
Architect—Not Given.
Contractor — John W. Huggard, 1060 Bryant Street.

Contract Awarded.
ALTER BLDG. Cont. Price, $5938
HEALDSBURG, Sonoma Co., Cal. NW East and Matheson Streets.
Alterations to present building (one-story wood frame structure, stucco exterior, etc.)
Owner — Pacific Telephone and Telegraph Company.
Plans by Engineering Dept. of Owner (J. R. Leed, Building Engineer).
Contractor — John Hachman, P. O. Box 206, Stockton.

To Be Done By Day's Work.
STORE Cost, $1,350
BERKELEY, Alameda Co., Calif. 2917 Telegraph Ave.
One-story store building.
Owner and Builder—Joe Rinella, 531 58th St., Oakland.
Architect—Not Given.

CONTRACT AWARDED
SAN FRANCISCO.—Otis Elevator Co., 1 Beach St., at approximately $17,000 awarded contract by Capital Company, 625 Market Street for modernization work on 4 passenger elevators at the Humboldt Bank Bldg., 785 Market Street. Work involves installation of 62 hoistway doors with hangers and interlocks, etc.

Plans Being Prepared
BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One - story and basement reinforced concrete bank building.
Owner—Capitol Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans will be completed in two or three weeks.

Preparing Plans
ALTERATIONS Cost, $12,000
SAN FRANCISCO. Mission District.
Alterations and additions to interior and entrance of bldg. (oak plank flooring, stucco walls and Tiffany text, air conditioning system, two consultation rooms finished in Philippine mahogany, lighting system, beam ceiling, orn. iron, leaded glass in all windows, rebuilt stairs, orn. tile risers, orn. iron rail, tile winscot, new colored plumbing fixtures).
Owner—Withheld.
Architect—Oscar R. Thayer, 1120 Union Street.

Plans Being Figured—Bids Close October 7.
COMMUNITY CENTER Cost, $7,500
FRESNO, Fresno Co., Calif.
One-story frame and stucco community center building (tile roof, gas heating system, etc.)
Owner—Chinese Association.
Architect—Chas. Butner, 51 Maple St. Salinas.

Sub-Contracts Awarded
ALTERATIONS Cost, $7,000
SAN FRANCISCO. 134 Maiden Lane.
Alterations to building (Gerard's Restaurant).
Owner—Mrs. McRacken and Mrs. O'Neil.
Architect—Robert Stanton, Carmel.
Contractor—Mullen Manufacturing Co. 60 Rausch Street.
Painting—C. E. Gordon, 666 Mission.
Plumbing—J. J. Irwin, 1049 Oak St.
Electric—Twin Peaks Electric Co., 1121 Mission Street.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 140 New Montgomery Street.
Add new shower room.
Owner — Pacific Telephone and Telegraph Co., 140 New Montgomery.
Plans by Engineering Dept. of Owner.
Contractor—Lindgren and Swinerton, 225 Bush Street.

Contract Awarded
ALTERATIONS Cost, $25,000
OAKLAND, Alameda Co., Calif. 1116 Washington Street.
Alterations to store building.
Owner—J. C. Penney Co., New York.
Plans by Engineering Dept. of Owner.
Contractor—Henry Brown, 1387 East 32nd St., Oakland.

Plans Completed
MARKET Cost, $12,000
SAN FRANCISCO. SW Irving Street and 22nd Avenue.
One-story frame market.
Owner—G. Cascy, 110 Sutter Street.
Architect—Not Given.

Preparing Preliminary Plans
OFFICE BLDG. Cost, $1,200,000
SACRAMENTO, Sacramento Co., Cal.
Two 4-story reinforced concrete office buildings (steam heating system, air conditioning system, etc.) buildings will house public works offices, motor vehicle dept., highway patrol offices, etc.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Building, Sacramento.

Contract Awarded
ALTERATIONS Cost, $1,500
PALO ALTO, Santa Clara Co., Calif.
Alterations to store building.
Owner—O. A. Williams.
Architect—Not Given.
Contractor—Frank L. Hoyt, 495 South 13th St., San Jose.

Bid Opening Date Postponed Until October 15, 2 P. M.
STORE & OFFICES Cost, $6,000
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg. (54x50 - feet) composition roofing, Oregon pine floors, steel sash.
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Bids will be taken from a selected list of contractors.

Contract Awarded
DANCE HALL Cost, $10,000
ALVISO, Santa Clara Co., Calif.
One-story corrugated iron dance hall (wood trusses, etc.; 60x60-ft.)
Owner—Tom Nom and Yip Lok.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—H. E. Rahlman, 251 Kearny St., San Francisco.
Foundation has been poured

Contract Awarded
ALTERATIONS Cost, $2,000
BURLINGAME, San Mateo Co., Cal.
Alterations to store building.
Owner—Carlos Greeley, 410 Occidental, Burlingame.
Architect—Not Given.
Contractor—A. F. Mattock, 16 Ninth Ave., San Mateo.

Contract Awarded
ADDITION Cost, $14,000
RICHMOND, Contra Costa Co., Calif 916 Macdonald Avenue.
Two-story brick addition to store bldg. (50x45-ft.)
Owner—J. C. Penney Co., New York City.
Plans by Engineering Dept. of Owner
Contractor—Henry Brown, 1387 East 32nd St., Oakland.

17— THEATRES

Sub-Contracts Awarded.
ALTERATIONS Cost, $30,000
VALLEJO, Solano Co., Calif.
Alterations and additions to Strand Theatre (to seat 700; work involves painting, decorating, remodeling of exterior and interior).
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
Electric Wiring — Matson-Seabrooke Co., 4115 Broadway, Oakland.
Heating and Furnace—Aladdin Heating Co., 5107 Broadway, Oakland
Brick and Stone Work — Alfred J. Hopper, 1769 Pleasant Valley Rd., Piedmont.
Lumber—Vallejo Lumber Co., Monterey and Maryland Sts., Vallejo.
Hardware — Markus Hardware Co., 7th and Washington Sts., Oakland.
Sub-bids are being taken on sheet metal, tile work, glass, painting, lathing and plastering.

Plans Being Refigured
REMODEL THEATRE Cost, $75,000
SAN FRANCISCO. 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling foyers, vestibule, mezzanine floor, complete re - decorating, plumbing ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co., (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market.
New bids are being taken from the following:
Cahill Bros., 206 Sansome St., San Francisco
Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.
James L. McLaughlin, 251 Kearny St., San Francisco.

Contract Awarded
THEATRE Cost, $——
VISALIA, Tulare Co., Calif.
Two-story theatre bldg. (to seat 500).
Owner—T. & D. Theatre Co., 25 Taylor St., San Francisco (M. Naify, President).
Architect—Not Given.
Contractor—Salih Bros., 25 Taylor St., San Francisco.

Electrical Contract Awarded
THEATRE Cost, $50,000
CARMEL, Monterey Co., Cal., Ocean and Mission Streets (75x150 ft.)
One-story Class C theatre (to seat 850) reinforced concrete walls, composition and tile roofing, Summerbell trusses, etc.
Owner—Monterey Theatres Co. (E. H. Emmick in charge) 25 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
Electric—Matson-Seabrooke Co., 4115 Broadway, Oakland.
Other awards reported Sept. 24.

18—WHARVES & DOCKS

BIDS OPENED
SAN DIEGO, Cal.—R. E. Campbell, 108 W. 6th St., Los Angeles, at $13,770, submitted low bid to the Public Works Officer, 11th Naval District, San Diego, Sept. 24, for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station, San Diego.) Specification No. 8072. The work includes repairs to the existing concrete superstructure of concrete wharf and exposed faces of the existing concrete bulkhead. The items were:

(1) All work complete incl. gunite in area (a) 704 sq. ft.; area (b) 2000 sq. ft.; area (c) 4000 sq. ft.;
(2) Add or deduct per sq. ft. area (a);
(3) Add or deduct per sq. ft. area (b);
(4) Add or deduct per sq. ft. area (c).

The bids were:
R. E. Campbell—(1) $13,770, (2) $2.50, (3) $2.40, (4) $.65.
Chas. P. Gates and Jas. W. Huntley (1) $18,760, (2) $4.80, (3) $2.30, (4) $1.50.
Calif. Gunite Co.—(1) $19,015, (2) $4.95 (3) $2.20, (1) $1.55.
Geo. Hess—(1) $19,360, (2) $4.50, (3) $4.50, (4) $.30.
L. A. Cement Gun Co.—(1) $22,398, (2) $5.34, (3) $3.08, (4) $1.79.

19—MISC. CONSTRUCTION

Working Drawings Being Completed.
MORTUARY Cost, $——
MODESTO, Stanislaus Co., Cal. Sixteenth and I Streets.
Two-story and basement wood frame, concrete and tile mortuary (sixteen rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.

Contracts Awarded.
MAUSOLEUM Cost, $110,000
SAN PABLO, Contra Costa Co., Cal.
Reinforced concrete mausoleum (638 crypts) marbel and bronze interior.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—D. Paganini, 519 California St., San Francisco.
Marble — Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.

CONTRACT AWARDED

LOS ANGELES, Cal.—Contracts for constructing the Boulder Dam-Colorado River Aqueduct pumping plants transmission line, 237 miles in length, of 230-kv. capacity, were awarded by the Metropolitan Water District board of directors Sept. 27. The total cost of the line of copper conductor, including overhead, was announced as $2,266,204.46. The contracts awarded were:

FRITZ ZIEBARTH, Security Bldg., Long Beach, at $407,246.71 for constructing the 237 miles of steel tower transmission line, Spec. No. 104, Sch. 2, using steel reinforced aluminum conductors, the district furnishing the steel for the towers.

PACIFIC COAST STEEL CORP., Slauson Ave., and Downey Road, Los Angeles, at $402,300.36 for furnishing steel towers, Sched. 2, Spec. No. 105, using steel reinforced aluminum wire.

ALUMINUM CO. OF AMERICA, 1205 Western Pacific Bldg., Los Angeles, at $614,316.98 for furnishing steel reinforced aluminum conductor for 237 miles of line with suspension and strain clamps, etc.; Schedule No 2, Spec. No. 126.

ANACONDA WIRE & CABLE CO., 385 E 2nd St., Los Angeles, at $37,841.32 for furnishing copper conductor, 166,000 l.f. for ten miles of line across Dandy Dry Lake, Nev.; Sched. 3, Spec. No. 103.

BIDS OPENED

PALO ALTO, Santa Clara Co., Cal.—H. P. Hansen, Palo Alto, at $820.00 submitted low bid to Palo Alto City Council for extending the steam heating system and installing unit ventilator in Children's Room of the public library. Only other bid was submitted by Knittle Bros., San Francisco, at $884.

Planned
SWIMMING POOL Cost, $40,000
ORLAND, Glenn Co., Calif. Spence Park.
Municipal swimming pool.
Owner—City of Orland.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Plans Awaiting PWA Approval
NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft wide, 33½ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st St. Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber. Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.

Planned
WHARF, ETC. Cost, $80,000
ALAMEDA, Alameda Co., Calif. Foot of Willow Street (11-acre site).
Timber wharf, steel buildings for vegetable oil pressing, etc.
Owner—Santa Cruz Oil Co., 311 California St., San Francisco.
Engineer—H. A. Nibecker, 311 California St., San Francisco.
Project subject to the approval of the War Department.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Cal.—Identical bids at $2220 for Item (1) and $4,440 for Item (2) plus switching charge of $22.63 submitted to Easthay Municipal Utilities District for furnishng (1) 150,000 sq. ft. galvanized welded steel wire fabric and (2) 300,000 sq. ft. do.

Following submitted bids:
Maxwell Hardware Co., California Wire Cloth Co., Pacific Coast Fence Co., Beattie Steel & Supply Co., Gunn Carle & Co., Wickwire-Spencer Steel Co., Standard Fence Co., L. A. Young Spring and Wire Co., Judson Pacific Co., Pacific Coast Steel Corp., Johns Manville Co., Herrick Iron Works, Soule Steel Co., Concrete Engineering Co., Columbia Steel Co., Truscon Steel Co., G. R. Borrmann, Pittsburg Steel Company.

BIDS OPENED

OAKLAND, Cal.—Bids received by Eastbay Municipal Utilities District, Oakland, for furnishing 12,200 tons of crushed rock:

Blake Bros. for delivery at Richmond quarry, $10,050.

Hutchinson Co. for delivery at Stege $10,125 or for delivery at 37th Ave. bunkers, $13,665.

Heafey-Moore Co., for delivery at Leona quarry, $11,390.

BIDS OPENED

SAN FRANCISCO—L. G. Wolfe Co., 134 Fremont Street, at $38 each, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1445, for furnishing 24 steel filing cabinets, desk high.

Complete bids follow:

L. G. Wolfe Company	$38.00
American Safe Company	38.50
San Francisco News Co.	45.00

Following firms submitted identical bids at $51 each: Berger Mfg. Co., Patrick & Moise Klinker Co., Yawman & Erbe Mfg. Co., General Fireproofing Co., Stevenson & Son, Western Loose Leaf Co., M. G. West Co., H. S. Crocker Co., Inc., A. Carlisle & Co., Hemington Hand, Inc., Rucker Fuller Co., Neal, Stratford & Kerr, Schwabacher Frey Co.

Bids held under advisement.

BIDS OPENED

FOLSOM, Sacramento Co., Calif. Simonds Machinery Co., 816 Folsom St., San Francisco, at $397 submitted low bid to the Department of Public Works, Division of Architecture, Sacramento, under Bid No. 11434, for furnishing a fuel oil pumping set for the Folsom State Prison.

Staples & Pfeiffer, Ltd., San Francisco, at $1150; alt., $1270, submitted the only other bid.

CONTRACT AWARDED

BOULDER CITY, Nev.—Consolidated Steel Corp., Los Angeles, at $2,000 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 711-D, for furnishing two bulkhead gate lifting frames, one trash-rack lifting frame and installation equipment for installing cylinder gate hoist stems and stem guides for operation in the intake towers at Boulder Dam.

BIDS OPENED

OAKLAND, Cal.—J. H. Baxter and Co., 333 Montgomery St., San Francisco, at $4,183.22 submitted low bid to the Oakland Port Commission, foot of Grove St., Oakland, for furnishing approximately 200 piles for use in the reconstruction of the apron wharf at the 7th St. unit, Outer Harbor Terminal.

Bids were taken as follows:
(1) 2,875 feet; (2) 2,600 feet;
(3) 2,350 feet; (4) 2,100 feet.

Complete bids follow:
J. H. Baxter & Co., San Francisco: (1) $0.4225; total $1,204.69; (2) $0.4225; total, $1,098.50; (3) $0.4225, total $992.88; (4) $0.4225, total $887.25; grand total, $4,183.22.

Chas. R. McCormick Lumber Co., San Francisco: (1) $0.43, total $1,236.25; (2) $0.43, total $1,118; (3) $0.43, total $1,010.50; (4) $0.43, total $903; grand total, $4,267.75.

Chas. Nelson Co., San Francisco: (1) $0.48, total $1,380; (2) $0.48, total $1,248; (3) $0.48, total $1,128; (4) $0.48, total $1,008; grand total, $4,764.

James L. Hall, San Francisco: (1) $0.51, total $1,466.25; (2) $0.52, total $1,352; (3) $0.535, total $1,257.25; (4) $0.55, total $1,155; grand total, $5,230.50.

BIDS RECEIVED

LOS ANGELES, Cal.—Bids for furnishing coarse aggregate and sand for use along Ballona Creek flood control work, Circ. Prop. ER-509-36-45, were opened by the U. S. Engineer, Los Angeles, Sept. 19. The bids were taken on items as follows:
(1) 22,000 tons coarse aggregate, 1¼-in to ¾-in. size, f.o.b. Ballona Creek between Washington and Redondo Blvds.;
(2) 20,000 tons coarse aggregate, ¾-in. to No. 4 mesh size, f.o.b. job, Ballona Creek between Washington and Redondo Blvd.;
(3) 28,000 tons sand, f.o.b. Ballona Creek between Washington and Redondo Blvds.

The bids were:
Pacific Rock & Gravel Co. — (1) $1.245, total $27,390; (2) $1.245, total $24,900; (2) $1.245, total $34,860. Grand total $87,150. Plants: two near Monrovia, one near Azusa. Of the total rock, one-third will come from Arrow Rock Co. and one-third from Azusa Rock & Sand Co. Discount: 20c ton, 20th of month following date of delivery.

Graham Bros., Inc.—(1) $1.034, total $22,728; (2) $1.034, total $20,680; (3) 73.4c, total $20,552. Grand total, $63,980. Plants: at Arrow Highway and Peck Rd., Arcadia; and at Radford and San Fernando, Roscoe. Discount: 10c ton 25th month prox.

City Rock Co. (P. J. Akmadzich)—(1) $1.26, total $27,720; (2) $1.26, total $25,200; (3) $1.05, total $29,400. Grand total, $82,320. Plant location: Cottonwood and Wentworth. Discount: 20c ton 20 days.

Blue Diamond Corp., Ltd.—(1) Bid A: San Fernando Valley Plants: 74.4c, total $16,368; (2) 74.4c, total $14,880; (3) 54.4c, total $15,232. Grand total, $46,480. Bid B: San Gabriel Valley plants: (1) 97.4c, total $21,428; (2) 97.4c, total $19,480; (3) 54.4c, total $15,232. Grand total, $56,140.

Conslidated Rock Products Co.—Bid No. A: (1) $1.084, total $23,848; (2) $1.084, total $21,680; (3) 78.4c, total $21,952. Grand total, $67,480. Plant at Roscoe—San Fernando Valley material. Discount: 20c ton 30 days. Calif. sales tax to be added if applicable.

Consolidated Rock Products Co.—Bid No. B: Rock from San Gabriel Valley plant at Irwindale, Tustin. Sand: Roscoe plant and standby at Big Tujunga plant: (1) $1.284, total $28,248; (2) $1.284, total, $25,680; (3) 78.4c, total $21,952. Grand total, $75,880.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing, refabricating 700 structural steel I-beam ribs with appurtenant base plates for support for 16-ft. dia. tunnels, Specification No. 132, were opened by the Metropolitan Water District, Los Angeles, Sept. 30. The bids were:

Consolidated Steel Corp., Ltd.—$18.25; total, $27,395. No use tax. F. o.b. Los Angeles. No discount.

Commercial Shearing & Stamping Co.—$18.65; total, $27,975; No use tax. F.o.b. Rice, Mecca, Beaumont, Indio, and/or Cabazon. Discount: ½ of 1% 10 days.

Youngstown Steel Car Corp., 1562 E. Slauson Ave., Los Angeles—$14.25; total, $21,375. F.o.b. Niles, Ohio. Use tax to be added. Discount: 1% 10 days.

BIDS OPENED

SACRAMENTO, Cal. — Following bids received by the U. S. Engineer Office, Sacramento, for furnishing steel castings as follows:

(1) 2 forged steel keys for fastening dredge cutter to cutter shaft;
(2) 2 forged steel sockets for dredge cutter keys;
(3) 1 dredge cutter;
(4) 2 rough castings, made of bronze.

Golden State & Miner Iron Works, S. F. (1) $31.17, total $62.34; (2) $11.57, total $23.14; (3) $1314; (4) $17.16, total $34.32.

Pacific Brass Foundry, San Francisco (4) $17.25, total $34.50.

Theodore H. Smith Machine Works, San Francisco. 1) $80, total $160; (2) $27, total $54; (4) $23.50, total $47.

Neptune Machine Works, San Francisco, (1) $27, total $54; (2) $23, total $46; (4) $18.50, total $37.

Apex Bronze Foundry, Oakland: (4) $17.37, total $34.75.

Bethlehem Shipbuilding Co., Ltd., S. F. (1) $40, total $80; (2) $12.50, total $25; (3) $1165; (4) $20, total $40.

General Engineering & Dry Dock Co., Oakland, (1) total $118; (2) total $56.

M. Greenberg's Sons, S. F. (4) $18.25, total $36.50.

Liberty Brass & Bronze Foundry, S. F., (4) $0.28 per lb.

Union Machine Co., S. F., (1) $34.50, total $65; (2) $12, total $24; (3) $1280.

Hawley Forge & Mfg. Co., S. F., (1) $27, total $54; (2) $10, total $20.

Monarch Foundry & Engineering Corp. Stockton, (3) $996; (4) total, $40.50

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Following bids received by City Purchasing Department for furnishing Manufactured Furniture for the School Department. Invitation No. 1449.

(1) 150 Teachers' tables.
(2) Primary tables, 25-in.
(3) Primary tables, 23-in.

William Bateman	(1)	$ .....
	(2)	2.97
	(3)	2.97
H. Schulte & Son	(1)	7.45
	(2)	3.40
	(3)	3.40
Braas & Kuhn	(1)	7.84
	(2)	4.27
	(3)	4.25
R. Brandlein & Co.	(1)	8.25
	Birch (2)	4.04
	Maple (2a)	3.94
	Magnolia (2b)	3.84
	(3)	3.94
	(3a)	3.80
	(3b)	3.70
John Schmid	(1)	8.67
L. & E. Emanuel, Inc.	(1)	9.45
	(2)	6.85
	(3)	6.85
California Mill Co.	(1)	9.22
	(2)	3.92
	(3)	3.90
Pacific Mfg. Co.	(1)	9.81
	(2)	4.74
	(3)	4.64
Walter Mfg. Co.	(1)	10.50
	(2)	7.00
	(3)	6.95

RYE PATCH DAM, Nev.—Following contracts awarded by the Bureau of Reclamation, Denver, under Spec. No. 703-D, for furnishing five 20x17-ft. radial gates, two 48-in. dia.welded plate steel outlet pipes and miscellaneous metal work consisting of spiral stairways and walkways, roof framing, stair nosings and two 14-in. dia. ventilators for installation in spillway and outlet works of Rye Patch Dam, Humboldt Project, Nevada:

Gates—Pacific Car and Foundry Co., Seattle, $4,050.

Pipes—Minneapolis-Moline Power Implement Co., Minneapolis, $3,135.

Miscellaneous Metal Work—John W. Beam, Denver, $1,145.

CONTRACTS AWARDED
BIDS OPENED

SAN FRANCISCO—Following bids received by City Purchasing Department for furnishing Stock Furniture for the School Department. Invitation No. 1448:

(1) 1500 library chairs.
(2) 100 Teachers' desks.
(3) 15 swivel chairs.

Stevenson & Son	(1)	$ 2.83
	(2)	21.89
	(3)	10.95
H. S. Crocker Co.	(1)	3.60
	(2)	19.95
	(3)	9.00
American Seating Co.	(1)	3.47
	(2)	19.83
	(3)	12.50
Neal Stratford & Kerr	(1)	.....
	(2)	20.75
	(3)	.....
Rucker Fuller Co.	(1)	2.95
	(2)	22.90
	(3)	9.90
Heywood Wakefield Co.	(1)	3.29
	(2)	.....
	(3)	10.64
Fred Turner	(1)	3.09
J. W. Fricke Co.	(1)	2.90
	(2)	21.50
	(3)	9.90
Remington Rand, Inc.	(1)	4.50
	(2)	25.00
	(3)	8.95
Mo. Dorman Desk & Steel Cabinet Co.	(1)	.....
	(2)	21.67
	(3)	.....

Bids held under advisement.

CONTRACTS AWARDED

OGDEN, Utah.—Worden-Allen Co., Milwaukee, Wis., at $2,220 (gates), and Roanoke Iron Works, Inc., Roanoke, Va., at $1,200 (metal work) were awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 712-D, for furnishing three 17x17-ft radial gates and miscellaneous metal work consisting of one spiral stairway, three sets of angle post mountings, and two roof ventilators for installation in the spillway and outlet works of the Pine View Dam, Ogden River Project, Utah.

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . . it
is highly decorative . . . it
is dampproof . . . it
economical.

GUNN, CARLE & CO.

20 Potrero Ave. UNderhill 5480 . San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO — Until October 7, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing one Low-Bed Trailer for the San Francisco Water Department; Proposal No. 1452.

Specifications and proposal form on application to above.

SAN FRANCISCO — Until October 5, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing Tool Sharpening services for the San Francisco Water Department, November 1, 1935 to October 31, 1936; Proposal No. 1453.

Specifications and proposal from on application to above.

SAN FRANCISCO — Until October 11, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, 270 City Hall, for furnishing shade cloth and rollers for the school department.

Specifications and proposal blanks may be obtained from above office.

SAN FRANCISCO.—Until October 7 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1454, for furnishing approximately 6,000 c.y. of loam for Golden Gate Park.

Specifications obtainable from above office.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Oct. 11, 10 A. M., bids will be received by the State Purchasing Agent, 323 State Capitol, Sacramento, for furnishing miscellaneous machinery as follows:

Quotation 12299; Req. 1064: (1) two 4-wheel drive truck chassis; (1-alt.) two do with enclosed cabs; fob Shop 6, Fresno.

Quo. 12300; Req. 1070: (1) one 1-way speed plow with leveling wing; fob Shop 6, Fresno.

Quot. 12301; Req. 1080: (1) one 4-wheel drive truck chassis; (1-alt.) 1 4-wheel drive truck chassis with enclosed cab, fob Shop 6, Fresno.

Quo. 12302; Req. 1081: (1) one reversible snow plow for 4-ton 4-wheel truck; fob Shop 6, Fresno.

Quot. 12312; Req. 1962: one 1-way mouldboard, speed type snow plow; fob Shop 8, San Bernardino.

Quot. 12261; Req. 10864: (1) one 4-wheel drive truck chassis; (1-alt.) one 4-wheel drive truck chassis, equipped with air pressure brakes and no tire pump; fob Headquarters Shop, Sacramento.

Quo. 12292; Req. 13915; (1) 1 North Star, or equal, one-way snow plow for installation on FWD truck model CU 6, Ser. No. 27895; fob Shop 3, Sacramento.

Quo. 12293; Req. 13916: (1) 1 North Star, or equal, 1-way snow plow for installation on FWD Truck Model CU 6 Ser. No. 27898; fob Shop 3, Sacramento.

Quo. 12294; Req. 13917: (1) one V-type speed snow plow for mounting on 4-ton 4-wheel drive truck; fob Shop 3, Sacramento.

Quo. 12273; Req. 14095: (1) 2 speed snow plows for installation on GMC Model T23B trucks, 1935; (2) one reversible snow plow for installation on 2-ton FWD truck, 1333, Model 116; fob Shop 1, Eureka.

Quo. 12276; Req. 19952: (1) three 4-wheel drive trucks, chassis with enclosed cab; (1-alt.) 3 4-wheel drive truck chassis with enclosed cabs, equipped with air pressure brakes and no tire pumps are to be furnished; fob Shop 2, Redding.

Quo. 12277; Req. 19956: (1) one one-way speed plow; fob Shop 2, Redding.

Quo. 12278; Req. 20198: (1) 3 V-type speed snow plows; fob Shop 2, Redding.

Specifications obtainable from above office.

SAN MATEO, Santa Clara and Santa Cruz Cos., Cal.—Until October 4, 2 P. M., bids will be received by the Division of Highways, John H. Skeggs District Engineer, Room 211, State Bldg., San Francisco, for the rental of three pneumatic tired dump trucks, chassis weight not less than 8,000 lbs., body capacity not less than 3½ c.y., not over 7 years old and in good mechanical condition, for approximately 1500 hours.

The trucks are to be used in San Mateo, Santa Cruz and Santa Clara Counties.

Specifications obtainable from above office.

RECLAMATION SERVICE

PARCO, Wyo.—Until Oct. 22, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Custom House, Denver, for furnishing one 10-ton, motor-operated, traveling crane for the Government warehouse building at Seminoe Dam, Casper-Alcova Proj., Wyo.; Spec. No. 730-D.

Specifications on application to the above; no charge to bona fide prospective bidders; to others, $0.50, not returnable.

BOULDER CITY, Nev.—Until Oct. 21, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Custom House, Denver, for furnishing miscellaneous metal work for installation in the tunnel plug outlet works of Boulder Dam; Spec. No. 729-D.

Specifications on application to the above; no charge to bona fide prospective bidders, to others $1.50, not returnable.

BOULDER CITY, Nev.—Until Oct 11, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Custom House, Denver, for furnishing miscellaneous metal work for the Boulder Power Plant; Spec. No. 727-D.

Specifications on application to the above; no charge to bona fide prospective bidders; to others, $1.00, not returnable.

BOULDER CITY, Nev.—Until Oct. 18, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, R. F. Walter, Chief Engineer, Custom House, Denver, for furnishing line hardware and conductor fittings to be installed in the 287.5 kv. switchyard at Boulder Power Plant; Spec. No. 728-D.

Specifications on application to the above; no charge to bona fide prospective bidders, to others, $3.00, not returnable.

WAR DEPARTMENT

FORT SCOTT, San Francisco, Until October 14, 10 A. M., bids will be received by the Quartermaster Supply Officer, Fort Mason, for furnishing 25,000 barrels of fuel oil, Bunker B for Fort Winfield Scott.

SACRAMENTO, Cal.—Until Oct. 11, 3 P. M., bids will be received by the United States Engineer Office, Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, for furnishing 20,000 pounds of blasting powder; Proposal No. 1105-35-59.

Specifications and proposal forms on application to the above.

FORT MASON, Cal.—Until Oct. 11, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-79, for furnishing 8,500 ft. of water hose, braided, in 50-ft. lengths, each complete with ¾-in. cast brass couplings with clamps, Type B.

Specifications obtainable from above office.

NAVY DEPARTMENT

WASHINGTON, D. C. — Until Oct. 15, bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing:

SCH. 6067: Non-metallic gasoline hose 5000 ft., San Diego; 2000 ft., Mare Island.

SCH. 6082: 200 tons foundry pig iron, Mare Island.

SCH. 6084: 10 4-gal. electric coffee urns and 10 sets spares, Mare Island.

Information obtainable from above office and from the 12th Naval Dist., 100 Harrison St., San Francisco.

U. S. FOREST SERVICE

SAN FRANCISCO — Until October 14, 2 P. M., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, Room 916 Phelan Bldg., San Francisco, under Contract No. 702, for furnishing 12 air compress or units, complete with air receivers, power take-offs and controls.

Delivery f.o.b. bidder's shipping point and/or Pacsteel, Oakland.

CANAL ZONE

PANAMA CANAL ZONE. — Until October 11, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3093, for furnishing miscellaneous supplies and materials, including:

Sheet iron or steel, bar steel, drill rods, wire rope, seizing strand, steel wire, barbed wire, copper, brass, copper-nickel alloy, plate zinc, sheet lead, brass pipe, iron pipe fittings, iron unions, metal valves, watercloset, watercloset tanks and seats, chain hoists tackle blocks, metal-melting furnace, wire-stitching machine, searchlight projector, nails, boat spikes, expansion bolt shields, hose, Manila rope, braided cotton line and excelsior.

Specifications obtainable from above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

OREGON STATE—Until October 9, 9 A. M., bids will be received by Oregon State Highway Commission, R. H. Baldock, Chief Engineer, Auditorium Public Service Bldg., Portland, for highway bridge construction as follows:

KLAMATH COUNTY: Construction of a 288-foot concrete bridge over the Southern Pacific Company's tracks on the Klamath Falls-Weed Highway near Midland. U. S. Works Program Grade Separation Project No. WPGH 205-C. Requires approximately 750 cu. yds. excavation; 940 cu. yds. concrete; 174,000 lbs. metal reinforcement and 590 lin. ft. concrete handrail.

MALHEUR COUNTY: Construction of two bridges over China Creek and two culverts on the Juntura-Chimney Creek Section of the Central Oregon Highway. Federal Aid Project No. 187-D. Requires approximately 205 cu. yds. excavation; 296 cu. yds. concrete; 54,200 lbs. metal reinforcement and 218 lin. ft. concrete handrail.

MULTNOMAH COUNTY: Construct superstructure for Eagle Creek Bridge on the Columbia River Highway near Bonneville. Federal Aid Project No. 174-C. Requires approximately 16 cu. yds. excavation; 606 cu. yds. concrete; 15 cu. yds. mortar rubble masonry; 84,000 lbs. metal reinforcement and 1,102,000 lbs. structural steel.

Plans and specifications and proposal blanks may be obtained from State Highway Commission, Room 322 State Office Building, Salem, on deposit of $5.00 per set.

CONTRACT AWARDED

MARICOPA COUNTY, Arizona—Clinton Campbell Co., 90 W. Moreland Ave., Phoenix, at $9590 awarded contract by Arizona State Highway Commission, Phoenix, for constructing a concrete bridge on the Mesa-Superior highway, F.A. 49; A.F.E. 8065.

The work, which is located at the bridge over Consolidated Canal, approximately two (2) miles east of Mesa, consists of the removal of old bridge and the construction of a new three (3) span concrete bridge and is to be completed on or before January 16, 1936.

BIDS WANTED

KERN COUNTY, Cal.—Until Oct. 7, 11 A. M., bids will be received by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for constructing a timber bridge over Pioneer Canal on County Road No. 696.

The work involves:

(1) Construction and removal of detour;
(2) Removal of existing bridge;
(3 Excavation;
(4) Embankment;
(5) 13,116 M. ft. B.M. Douglas fir timber;
(6) 22,936 M. ft. B. M. Redwood timber;
(7) 2 fire barrels in place.

Plans and specifications on file with the County Clerk and may be obtained from the County Surveyor.

BIDS OPENED

SONOMA COUNTY, Cal.—Kenneth Whited, 912 Benton St., Santa Rosa, at $5614.51 submitted low bid to the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, for constructing a bridge over Sonoma Creek at Boyes Springs in the First Supervisorial District.

The work involves:

(1) 200 cu. yds. structure excavation;
(2) 135 cu. yds. Class A concrete;
(3) 12,200 lbs. reinforcing steel;
(4) 23,760 lbs. structural steel;
(5) 29,185 ft. BM redwood lumber;
(6) 285 lbs. bolts and washers.

Total bids follow:

(A) Kenneth Whited, Santa Rosa, $5614.31.
(B) A. T. Howe, Santa Rosa, $6570.
(C) N. M. Ball & Sons, Berkeley, $7,658.
(D) Louis Lambretti, Mill Valley, $7,765.
(E) A. H. Siemer, San Anselmo, $8,701.65.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1).....	$ 3.50	$ 3.00	$ 5.00	$ 4.50	$ 4.00
(2).....	14.50	15.00	18.50	15.00	20.00
(3).....	.04	.0475	.045	.045	.05
(4).....	.036	.0475	.055	.05	.08
(5).....	54.60	70.00	79.00	80.00	90.00
(6).....	.....	.....	.....	.....	.20

CONTRACT AWARDED

SONOMA COUNTY, Cal.—Kenneth Whited, 912 Benton St., Santa Rosa, at unit prices shown, awarded contract by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, for the construction of a concrete box culvert and headwall across the Bodega Highway near Watson Station, involving:

(1) 50 cu. yds. Class A concrete in place;
(2) 7500 lbs. reinforcing steel;
(3) 50 cu. yds. structural excavation;

Complete bids follow:

Kenneth Whited, Santa Raso, (1) $15.86; (2) $0.04; (3) $1.60.

N. M. Ball & Sons, Berkeley, (1) $22; (2) $0.055; (3) $1.50.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

A. H. Siemer, San Anselmo, (1) $20; (2) $0.06; (3) $5.00.

A. T. Howe, Santa Rosa, (1) $18; (2) $0.035; (3) $1.00.

Louis Lambretti, Mill Valley, (1) $18; (2) $0.05; (3) $2.50.

J. V. Gaibraith, Santa Rosa, (1) $16 (2) $0.0535; 3) $0.75.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until October 24, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for widening an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, one-quarter mile north of Del Mar, and widening and paving approaches with asphalt concrete, in San Diego County.

The work involves:

(1) 120 cu. yds. roadway excav.;
(2) 730 cu. yds. struct. excavation;
(3) 4700 cu. yds. imorted borrow;
(4) 1060 tons asphalt concrete;
(5) 571 cu. yds. Class A Portland cement concrete;
(6) 20 cu. yds. Class F Portland cement concrete (railing);
(7) 116,300 lbs. bar reinf. steel;
(8) 644 lbs. bronze expansion plates;
(9) 60 cu. yds. conc. removed and disposed of;
(10) 400 lin. ft. temporary railing;
(11) 280 lin. ft. temporary wheel guard
(12) 1 lot misc. items of work.

Plans and specifications obtainable from the State Highway Commission. Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS OPENED

SONOMA COUNTY, Cal. — A. T. Howe, 111 Stanford St., Santa Rosa, at $4316 submitted low bid to the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, for constructing a steel bridge over Santa Rosa Creek at University Avenue in Supervisorial District No. 3.

The work involves:

(1) 34,532 ft. B. M., redwood lumber;
(2) 23,760 lbs. structural steel;
(3) 600 lin. ft. redwood piles;
(4) 11 cu. yds. Class A concrete;
(5) 800 lbs. reinforcing steel;
(6) 800 lbs. bolts, plates and dowels.

Total bids follow:

(A) A. T. Howe, Santa Rosa, $4316.
(B) Kenneth Whited, Santa Rosa, $4369.36.
(C) Bundesen & Lauritzen, Pittsburg $5189.
(D) N. M. Ball & Son, Berkeley, $5,371.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$70.00	$77.00	$83.00	$79.00
(2).....	.10	.04	.06	.005
(3).....	1.00	.90	.90	1.50
(4).....	15.00	12.00	21.00	27.00
(5).....	.05	.05	.05	.05
(6).....	.10	.06	.07	.125

Bids held under advisement until October 7.

BIDS WANTED

WASHINGTON STATE.—Until October 15, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for bridge construction, as follows:

Skamania County: Constructing a reinforced concrete T-beam bridge 126 feet long, over the S. P. & S. Ry. Co.'s tracks on State Road No. 8, Cooks East to Underwood West, U.

S. Works Program Grade Crossing Project, No. WPGH 112-1, in Skamania County, involving about 242 cu. yds. of concrete, 50,000 lbs. of steel reinforcing bars and other items.

Snohomish County: Constructing a reinforced concrete T-beam bridge 256.8 ft. long over the Great Northern Ry. Co.'s tracks on State Road No. 15, Index East, Section "B," U. S. Works Program Grade Crossing Project No. WPGH 189-E in Snohomish County, involving about 745 c.y. of concrete, 163,000 lbs. steel reinforcing bars, and other items.

Jefferson County Grading, surfacing and constructing a 150-foot steel truss with two 46-ft. reinforced concrete T-beam approach spans on State Road No. 9, Big Quilcene River bridge and approaches, Federal Aid Project No. 136-H, in Jefferson County, involving about 11 acres of clearing, 100-350 c.y. of excavation, 3,940 c.y. of crushed stone surf., 548 c.y. of concrete, 243,000 lbs. structural steel, 3 MFBM timber and lumber treated, 3,-100 l.f. of piling, 273 l.f. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

CONTRACT AWARDED

SONOMA COUNTY, Cal. — A. T. Howe, 111 Stanford St., Santa Rosa, at unit prices shown, awarded contract by the Sonoma County Board of Supervisors, Walter H. Nagle, Clerk, for construction of a timber bridge over Mark West Creek at Trenton Station in Second and Third Supervisorial Districts.

Bids were taken as follows:
(1) 25,853 ft. B. M. redwood lumber;
(2) 1150 lin. ft. redwood piles;
(3) 500 lbs. bolts, plates, dowels and washers;
(4) Removal of present bridge.

The bids were:
A. T. Howe, Santa Rosa, (1) $75; (2) $0.95; (3) $0.10; (4) $150.
N. M. Ball & Sons, Berkeley, (1) $88 (2) $1; (3) $0.125; (4) $50.

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until October 7, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2933, for furnishing structural steel spans for the McCloud River Bridge as follows:
(1) one 170-ft. continuous beam span, including all structural steel, bolts for field connections, etc.
(2) two 30-ft. skew spans, including all structural steel, bolts for field connections, etc.

Delivery fob bidder's shipping point.
Specifications obtainable from above office.

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until October 7, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2934, for furnishing one structural steel stiffening truss, including all steel, bolts for field connections, etc., for Somes Bar Bridge, located approximately 100 miles northeast of Eureka.

Delivery fob bidder's shipping point and/or Eureka.

Specifications obtainable from above office.

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Coast Steel Corp., 20th and Illinois Streets, at $867 submitted low bid and awarded contract by the U. S. Forest Service, 916 Phelan Bldg., San Francisco, under Contract No. 695, for furnishing one 90-ft. continuous beam span.

Complete bids follow:
Pacific Coast Steel Corp., $867.
Judson-Pacific Co., $880.
Independent Iron Works, Ltd., Oakland, $880; discount, ½ of 1%.
Golden Gate Iron Works, $900; discount, ½ of 1%.
Schrader Iron Works, Inc., $985.
Moore Dry Dock Co., Oakland, $1,-133.

All bidders of San Francisco unless otherwise noted.

BIDS OPENED

SAN FRANCISCO.—Judson - Pacific Co., 609 Mission St., at $1,038 submitted low bid to the Forest Service, 916 Phelan Bldg., San Francisco, under Contract No. 696, for furnishing one 60-ft. structural steel truss span

Complete bids follow:
Judson-Pacific Co., $1,038.
Herrick Iron Works, Oakland, $1,044.
Independent Iron Works, Ltd., Oakland, $1,089; discount ½ of 1%.
Western Iron Works, $1,098.
Golden Gate Iron Works, Ltd., Oakland, $1,100; discount, ½ of 1%.
Schrader Iron Works, Inc., $1,125
Pacific Coast Steel Corp., $1,126.
Moore Dry Dock Co., Oakland, $1,-224.

LOW BIDDERS

ELKO COUNTY, Nev.—Dodge Construction Co., Inc., Fallon, at $49,834 submitted low bid to the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for constructing a concrete and steel overpass and approaches, one mile west of Wendover, Section B2 of Route 24, Elko County.

Isbell Const. Co., Reno, at $59,068.-40 submitted second low bid.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

PORTLAND, Oregon—Until October 8, 3 P. M., bids will be received by the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, Major Milo P. Fox, District Engineer, under Bid No. 698-36-138, for the construction of a round piling bulkhead at Government Moorings, No. 8010 N. W. St. Helens Road, Portland.

The work involves:
(1) 13,000 lin. ft. piling, in place;
(2) 6 MFBM walling lumber, in place;
(3) 1500 lbs. metal fastenings, in place

Plans and specifications obtainable from the above office.

23—IRRIGATION PROJ.

CONTRACT AWARDED

ONTARIO, Oregon—H. J. Adler Co., Tacoma, Wash., at $21,103 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 715-D, for construction of structures, North Canal laterals N. C. 28.7 to 31.8 Mitchell Butte Division, Owyhee Project, Oregon-Idaho.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until October 18, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Ore., for constructing earthwork and structures, North Canal Laterals, Mitchell Butte Division, Owyhee Project; Spec. No. 723-D. The work is located near Ontario, Oregon.

Principal Items are:
(1) 102,300 cu. yds. all classes excavation for laterals;
(2) 1700 cu. yds. all classes excavation for structures;
(3) 6300 cu. yds. backfill
(4) 220 cu. yds. concrete in struct.;
(5) 575 sq. yds. dry-rock paving;
(6) 12,500 lbs. placing reinforcement bars.
(7) 1804 lin. ft. laying 15-in. to 36-in. diameter concrete pipe;
(8) 5300 lbs. installing gates and gate hoists;
(9) 5 M ft. B. M. erecting timber in structures;

Specifications may be obtained on application to Bureau of Reclamation offices at Ontario, Oregon, or Denver, Colo. No charge to bona fide prospective bidders; to others $1.50, not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until October 18, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Ore., for constructing earthwork and structures, Ward Main Drain and Ward Drain 0.57, Mitchell Butte Division, Owyhee Project; Spec. No. 724-D. The work is located near Nyssa, Oregon.

Principal items are:
(1) 203,500 cu. yds. all classes excavation for drains;
(2) 450 cu. yds. all classes excavation for structures;
(3) 1600 cu. yds. backfill;
(4) 14 cu. yds. concrete in structures;
(5) 125 sq. yds. dry-rock paving;
(6) 500 lbs. placing reinforcement bars;
(7) 860 lin. ft. laying 15-in. and 48-in. diameter corrugated metal pipe;
(8) 60 M ft. B. M. erecting timber in structures;
(9) Installing 48-in. corrugated metal pipe culvert under railroad.

Specifications may be obtained on application to office of Bureau of Reclamation at Ontario, Oregon, or Denver, Colo. No charge to bona fide prospective bidders; to others $1.50, not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until October 19, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, for constructing structures, North Canal Laterals, N. C. 37.6 to 38.7-1.2, Mitchell Butte Division, Owyhee Project; Spec. No. 725-D. The work is located near Nyssa and Ontario, Ore.

Principal Items are:
(1) 3100 cu. yds. all classes of excavation for structures;
(2) 1400 cu. yds. backfill;
(3) 940 cu. yds. concrete in structures
(4) 1000 sq. yds. dry-rock paving;
(5) 64,000 lbs. placing reinf. bars;
(6) 940 lin. ft. laying 12-in. to 26-in. diameter concrete pipe;
(7) 3000 lbs. installing gates and gate hoists;
(8) 5 M ft. B. M. erecting timber in structures.

Specifications may be obtained on application to offices of the Bureau of Reclamation at Ontario, Ore., or Denver, Colo. No charge to bona fide prospective bidders; to others $3, not returnable.

BIDS WANTED

OWYHEE PROJECT, Oregon-Idaho—Until October 19, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Ore., for constructing earthwork and structures, North Canal Laterals, Dead Ox Flat Division, Owyhee Project; Spec. No. 726-D. The work is located near Ontario, Oregon.

Principal Items are:

(1) 110,700 cu. yds. all classes excavation for laterals;
(2) 1000 cu. yds. all classes excavation for structures;
(3) 3000 sta. cu. yds. overhaul;
(4) 4000 cu. yds. backfill;
(5) 85 cu. yds. concrete in structures
(6) 300 sq. yds. dry-rock paving;
(7) 4500 lbs. placing reinforcement bars;
(8) 1030 lin. ft. laying 15-in. to 36-in. diameter concrete pipe;
(9) 2700 lbs. installing gates and gate hoists.

Specifications may be obtained on application to offices of the Bureau of Reclamation at Ontario, Ore., or Denver, Colo. No charge to bona fide prospective bidders; to others $2, not returnable. •

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until October 16, 9:30 A. M., bids will be received by State Division of Water Resources, Edward Hyatt, State Engineer, Room 410, State Office Bldg., Sacramento, for constructing three sections of levee on the right bank of the San Joaquin River in Reclamation District No. 2064, approximately ten miles south of Manteca, San Joaquin County.

The work involves:
(1) 24,150 cu. yds. material to be placed in levee at Site "A";
(2) 11,200 cu. yds. material to be placed in levee at Site "B";
(3) 6400 cu. yds. material to be placed in levee at Site "C".

Specifications and proposal forms may be obtained at the above office.

BIDS WANTED

OWYHEE PROJECT. Oregon-Idaho—Until October 21, 10 A. M., bids will be received by U. S. Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Ore., for constructing earthwork and structures, South Canal, Sta. 1340 to Sta. 2016, Succor Creek Division, Owyhee Project; Spec. No. 646. The work is located near Homedale and Marsing, Idaho.

Principal items are:
(1) 290,000 cu. yds. all classes excavation for canal;
(2) 6400 cu. yds. all classes excavation for structures;
(3) 5000 sta. cu. yds. backfill;
(5) 1000 cu. yds. concrete in structs.;
(6) 1100 sq. yds. dry-rock paving;
(7) 77,000 lbs. placing reinforcement bars;
(8) 1850 lin. ft. laying 18-in. to 60-in. diameter concrete pipe;
(9) 9 M ft. B.M. timber in structures
(10) 9000 lbs. installing gates and miscellaneous metalwork.

Specifications may be obtained on application to offices of the Bureau of Reclamation at Ontario, Ore., or Denver, Colo. No charge to bona fide prospective bidders; to others $3, not returnable. •

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until October 10, 11 A. M., bids will be received by Ohm & Raab, Civil Engineers, 109 E Weber St., Stockton, for sloping about 6,000 feet of river levee located about 18 miles from Stockton, for Union Reclamation District Nos. 1 and 2.

The work will require a dragline having a boom reach of 40 ft. or more.

The estimated cost is $6,000.

No plans will be mailed out but interested contractors may call at the above office for information.

CONTRACT AWARDED

MONTROSE, Colo.—Fredrickson & Watson Const. Co. and Fredrickson Bros., 873 81st Ave., Oakland, Calif., at $88,772.50 awarded contract by the Bureau of Reclamation, Montrose, under Spec. No. 636, for the construction of canal lining and structures for the South Canal and the West Canal, Uncompahgre Project, near Montrose.

25—MACHINERY AND EQUIPMENT

BID CALL CANCELLED

LOS ANGELES, Cal.—Call for bids to be opened Sept. 26 by U. S. Engineer Office, Los Angeles, for furnishing sand and gravel bin was canceled. A new bid call will be issued.

BIDS WANTED

OAKLAND, Cal.—Until October 9, 8 P. M., bids will be received by the Eastbay Municipal Utilities District, John H. Kimball, Secretary, 512 16th St., Oakland, for furnishing 34 gate valves, sizes 6 to 20 inches; Spec. No. LS-158.

Specifications on application to the above. •

BIDS OPENED

QUINCY, Cal.—Following bids received by the U. S. Forest Service, P. E. Brown, Procurement Engineer, Room 916, Phelan Bldg., San Francisco, under Contract No. 687 for furnishing one stationary air compressor for delivery at Quincy:

Edward R. Bacon Co., $485.00 f.o.b. Westchester, Pa.

Sullivan Mach. Co., San Francisco, $770.00 fob Michigan City, Ind.; $805 fob Quincy.

Gardner-Denver Co., San Francisco, $603.20 fob Quincy, Ill.

Ingersoll - Rand Co. of California, San Francisco, $692.00 fob Painted Post, N. Y.; $737.00 fob Quincy.

Curtis Pneumatic Machine Co., San Francisco, $572.80 fob St. Louis.

Worthington Co., Inc., San Francisco, $822.35 fob Quincy.

The Rix Co., Inc., San Francisco, $557.00 fob San Francisco; $572.00 fob Quincy.

Chicago Pneumatic Tool Co., San Francisco, $709.50 fob San Francisco; $751.70 fob Quincy.

Prices quoted net. Bids taken under advisement. •

CONTRACT AWARDED

LOS ANGELES, Cal.—Harnischfeger Sales Corp., 2029 Santa Fe Ave., was awarded contract by the Los Angeles Water & Power Commission, Sept. 24, at $33,285, for furnishing one 150-ton traveling gantry crane under Specification No. 1738. The bids were opened August 30.

BIDS OPENED

LOS ANGELES, Cal. — Crook Co., 2900 Santa Fe Ave., submitted the only bid to the U. S. Engineer's Office, 751 S. Figueroa St., Sept. 36, for furnishing f.o.b. Los Angeles and/or f.o.b. contractor's plant, four dragline excavators, complete, Diesel or oil engine driven, 1¼ cu. yd. capacity, Crawler type. Bid No. ER-509-36-59, as follows: $10,367 each; $13,101 total. Alternate bid, $9635 each; $28,905 total. Shipping point, Erie, Penn. Discount 2% 15 days.

CONTRACT AWARDED

RYE PATCH DAM, Nev.—Commercial Iron Works, Portland, Ore., at $10,723 awarded contract by the U. S. Bureau of Reclamation for furnishing five power-driven, double-drum, radial gate hoists for Rye Patch Dam, Humboldt Project, Nevada; Spec. No. 713-D.

CONTRACT AWARDED

OGDEN, Utah.—Hardie-Tynes Mfg. Co., Birmingham, Ala., at $17,995 was awarded contract by the U. S. Bureau of Reclamation for furnishing 3 motor-driven, double-drum radial gate hoists for Pine View Dam, Ogden River Project, Utah; Spec. No. 714-D.

CONTRACTS AWARDED

OGDEN, Utah.—Hardie Tynes Mfg. Co., Birmingham, Ala., at $17,995 was awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 714-D, for furnishing two 4x5-ft. and one 5x6-ft. high pressure gates, together with hydraulic hoists, gate hangers, conduit lining sections and conduit lining transitions, etc.

Western Foundry Co., Portland, Ore. at $2,679 awarded contract for furnishing three motor - driven, double drum, radial gate hoists under the same specifications.

CONTRACTS AWARDED

YUMA, Ariz.—Following contracts awarded by the Bureau of Reclamation, Denver, under Spec. No. 704-D, for furnishing three 667-Kv-a., single-phase, 60-cycle, 33,000/2400-volt transformers, one 34.5 kv three - phase lighting arrester; two 34.5 Kv. three-pole, single-throw, gang operated, air break switches; three 34.5 Kv. expulsion fuses, and one outdoor switching and metering equipment unit, for the Imperial Dam sub - station, All-American Canal System, Boulder Canyon Project:

Standard Transformer Co., Warren, Ohio $7,203.85 (Item 1).

General Electric Co., Yuma $966.15 (Item 2)

Delta - Star Electric Co., Chicago, $460 (Item 3).

Bowie Switch Co., San Francisco, $131 (Item 4).

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing 5 tractors, crawler type, full Diesel or Herselmann type Diesel, not less than 75 drawbar H. P., equipped with angledozer, (1) f.o.b. Los Angeles, and (1a) alternate, f.o.b. contractor's plant, No. ER - 509 - 36 - 41, were opened by the U. S. Engineer, 751 So. Figueroa Street.

The bids are:

The Cleveland Tractor Co. (1) unit $8207.50, total $41,037.50; (1a) no bid; disc. 10% 30 days.

Crook Co., (1) $8282.96 unit, $41,-414.50 total; (1a) unit $7937.96, total $39,689.80. Net Springfield, Ill.

Shepherd Tractor Co., (1) $9013.10, total $45,065.50; (1a) $8523.50, total $42,617.50; 2% 30 days, Peoria, Ill.

Smith Booth Usher, (1) $8207.50, total, $41,037.50; (1a) no bid; 10% in 10, 20, 30 days.

BIDS RECEIVED

LOS ANGELES, Cal.—The following bids were received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, Sept. 26, for furnishing tractor derricks f.o.b. Los Angeles or f.o.b. factory, Bid No. ER-509-36-19. The items are:
(1) 3 tractors, crawler type, full Diesel, lot less than 50 h. p., equipped with swinging derrick, f.o.b. Los Angeles:
(a) unit price;
(b) total price.
(2) alternate, 3 tractors, crawler type, full Diesel, not less than 50 h.p., equipped with swinging derrick, f.o.b. factory.
(a) unit price;
(b) total price.

Theodore Wyman Jr., Major, Corps of Engineers, District Engineer.

The bids were:

Crook Co., (1) (a) $17,525; (b) $52,-575; (2) (a) $16,060; (b) $48,180; shipping point, Erie, Penn.; discount 2% 15 days.

Rix Co., (1) (a) $17,433; (b) $69,752 (2) (a) $16,043; (b) $64,172; shipping point Loring, Ohio. Terms net.

Browning Crane & Shovel Co., (1) (a) no bid; (b) no bid; (2) (a) $14,-250; (b) $57,000; shipping point, Cleveland, Ohio. Discount 2% 10 days.

Northwest Engineering Co., (1) (a) $14,460; (b) $57,840; (2) (a) $13,150; (b) $52,600. This firm specified all or none. Shipping point, Green Bay, Wis. Terms net.

Harnischfeger Sales Corp., (1) (a) $14,320; (b) $57,280; (2) (a) $12,950; (b) $51,800. Shipping point, Milwaukee, Wis. Terms net.

Harron, Rickard & McCone, (1) (a) $16,310.25; (b) $65,241; (2) (a) $15,-006.25; (b) $60,025. Shipping point bucket, Portland, Ore.; discount 2%, 10 days.

Harry C. Collins Machinery Co., (1) (a) $16,358; (b) $65,432; (2) (a) $14,-963; (b) $59,852. Shipping point, Chicago, Ill. Discount 2%, 15 days, f.o.b. Chicago price.

Smith Booth Usher Co., (1) (a) $15,092; (b) $60,368; (2) (a) $13,685; (b) $54,740. Shipping point, Lima, Ohio. Discount 2%, 15 days.

Osgood Co. (bid by telegram), (1) (a) no bid; (b) $58,000; (2) (a) no bid; (b) $52,000. Shipping point, Marion, Ohio. Terms net.

BIDS OPENED

EUREKA, Humboldt Co., Cal.—Following bids received by the Department of Public Works, Division of Highways, J. W. Vickrey, District Engineer, Eureka, Sept. 30, for the rental of three yard dump trucks as follows: (1) 4 trucks for 500 hours each; (2) trucks for 1000 hours each:
Ashurst Bros., Hoplans: (2) $2.33.
Chas. W. Beguhl, Lomita Park: (1) $2.80; (2) $2.80.
M. E. Beckstrom, Trinidad: (2) $2.33
Chas. Burnside, Glendale: (2) $1.97.
Chas. Burnside and Asa Moran, Crescent City: (1) $2.12.
Wm. Colbert, San Francisco: (1) $2.33 (2) $2.33.
Wm. E. Cowan, Healdsburg: (1) $2,40; (2) $2.30.
Eugene Della Rosa, Martinez: (2) $2.25.
Dewars Express, Eureka: (1) $2.35; (2) $2.24
Paul Entremont, Colusa: (2) $2.35.
Rock & Gravel Trucking Co., Oakland: (1) $2.14; (2) $2.08.
Daniel Gallagher T. M. & R. Co., San Francisco: (1) $2.33; (2) $2.32.
A. E. Garcia Jr., Irvington: (1) $2.50; (2) $2.25.
N. Giorgi & Co., San Francisco: (2) $2.25.
Wm. Kern, Weott: (1) $2.33; (2) $2.09.
H. R. Knight, Vallejo: (1) $2.50; (2) $2.35.
Samuel Longwell, Brentwood: (1) $2.12; (2) $2.00.
C. Mankel, Sacramento: (1) $3.00; (2) $3.00.
A. Morton, Menlo Park: (1) $2.20; (2) $2.20.
Frank O'Shea, San Francisco: (1) $2.50; (2) $2.33.
W. E. Sinclair, Miranda: (2) $2.25.
Jack Starkenburg, Los Angeles: (1) $2.18; (2) $2.04.
Gary R. Starkenburg, Hopland: (1) $2.33; (2) $2.33.
John M. Vance & Co., Eureka: (1) $3.25; (2) $2.17.
W. K. Walker, San Francisco, $2.55; (2) $2.50.
Bids held under advisement.

29—STREETS AND HIGHWAYS

BIDS WANTED

COCHISE COUNTY, Arizona—Until Oct. 15, 10:00 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Lowell streets). The work, which is to begin at the east city limits of Bisbee and extend southeasterly through the town of Lowell for a distance of about 0.8 mile, consists of widening and resurfacing the existing pavement with cutback plant mix, and the construction of a cement rubble masonry retaining wall, and a concrete culvert, and is to be completed on or before Jan. 31, 1936.

The principal items and approximate quantities are:
770 c.y. structural excavation;
150 c.y. concrete;
16,800 lbs. reinf. steel;
780 c.y. cement rubble masonry;
440 l.f. G.I. pipe handrail;
1,800 tons plant mix;
74 tons cutback asphalt;
8 tons emulsified asphalt;
960 l.f. combined curb and gutter;
190 sq. yds. concrete sidewalk;
120 l.f. 24-in. CM pipe.
and other incidental items.

Certified or cashier's check for 5%. Funds in the sum of $32,943.05 have been programmed for this work. T. S. O'Connell, state highway engineer.

CONTRACT AWARDED

SIERRA COUNTY, Calif. — Charles Kuppinger, Box 356, Lakeport, at $16-943 awarded contract by State Highway Commission, Sacramento, for 0.12 mile grading in Sierra Co. at Downieville.

BIDS WANTED

COCHISE COUNTY, Arizona—Until Oct. 15, 10:30 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Bisbee streets). The work, which lies within the city limits of Bisbee and extends over a distance of 500 ft., consists of replacing existing pavement with new concrete pavement and constructing a cement rubble masonry retaining wall and is to be completed on or before Dec. 31.

The principal items and approximate quantities are:
150 c.y. structural excavation;
450 c.y. select material;
275 c.y. cement rubble masonry;
150 l.f. road guard;
2 resetting manhole covers to grade
1300 sq. yds. removal of old pavement;
1750 sq. yds. 6-in. concrete pavement.

Certified or cashier's check for 5%. Funds in the sum of $11,443.02 have been programmed for this work. T. S. O'Connell, state highway engineer.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal. Square Oil Co., 916 Adobe St., Los Angeles, at $3825 submitted low bid and recommended for award of contract by the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for highway oiling in San Bernardino County, bet. Camp Angelus ad South Fork of Santa Ana River on the Mill Creek Road, about 10.5 miles in length to be treated with liquid asphalt.

The work involves:
450 tons liquid asphalt SC-2 in place.
The bids were:
Square Oil Co., Los Angeles (1) $850; Total, $3825.
Lambs Transfer Co., Long Beach, $9.79; $4405.50.
Paulsen & March, Los Angeles, $9.90; $4455.
Gilmore Oil Co., Los Angeles, $10.27; $4621.50.
Morgan Bros., Huntington Park, $10.49; $4720.50.

BIDS OPENED

ALAMEDA COUNTY, Cal.—American Dredging Co., 255 California St., San Francisco, at $172,313.30 submitted low bid to the State Highway Commission, Sacramento, for about 2 miles of grading by dredging in the City of Berkeley, Alameda County, between the foot of Folger Avenue and Gilman Street.

The work involves:
(1) 670,000 c.y. hydraulic dredger fill;
(2) 4,560 c.y. structural excav.;
(3) 37,350 lbs. bar reinf. steel;
(4) 1,600 lbs. mesh reinforcement;
(5) 435 c.y. Class A Port. cem. conc.
(6) 30 c.y. gunite;
(7) 6,400 l.f. type A temporary wooden bulkhead;
(8) 3,000 l.f. type B do;
(9) 82 l.f. 12-in. CMP;
(10) 724 l.f. 18-in. CMP;
(11) 120 l.f. 30-in. CMP;
(12) 112 l.f. 12-in. vitrified clay pipe;
(13) 9 each cast steel frames & covers for drop inlets;
(14) 1,070 c.y. struc. excav., Ashby Ave. sewer extension;
(15) 30,000 lbs. bar reinf. steel, do;
(16) 386 c.y. Class A Portland cement concrete, do.

Total bids follow:
(A) American Dredging Co., S. F., $172,313.30.
(B) San Francisco Bridge Co., S. F., $203,430.70.

Unit bids follow:

	(A)	(B)
(1)	$ .1473	$ .1725
(2)	1.70	.40
(3)	.05	.05
(4)	.15	.07
(5)	40.00	46.00
(6)	100.00	140.00
(7)	2.50	4.00
(8)	1.50	2.25
(9)	1.50	2.60
(10)	3.20	4.25
(11)	6.70	12.00
(12)	2.00	2.00
(13)	35.00	36.00
(14)	2.00	.60
(15)	.05	.05
(16)	40.00	52.00

BIDS OPENED

SAN FRANCISCO. — E. J. Treacy, 309 Call Bldg., at $448 submitted low bid to the Department of Public Works, W. H. Worden, Director, City Hall, under Spec. No. 18,888 ,for improvement of Laidley St. slide between Roanoke and Mateo Sts., involving:
(1) 31,000 sq. ft. oiling;
(2) 150 c.y. excavation;
(3) 1,100 sq. ft. 2-in. emulsified asph. walk with 4-in. macadam base
Complete bids follow:
E. J. Treacy: (1) $245; (2) $115; (3) $0.08; total, $448.
Arthur Wallgren: (1) $325; (2) $100; (3) $0.06; total, $491.
M. Bertolino: (1) $300; (2) $425; (3) $0.12; total $857.
Bids held under advisement

CONTRACT AWARDED

GILA-NAVAJO COS., Ariz.—O. F. Fisher, 923 Willetta St., Phoenix, at $184,783 awarded contract by Arizona State Highway Commission, Phoenix, for construction on the Globe-Showlow Highway (F. A. 99-H; A. F. E. 6057). The work, which begins about 50 miles northeast of Globe and extends northeasterly about 6.4 miles, consists of grading and draining, and is to be completed on or before Sept. 30, 1936.

CONTRACT AWARDED

MONTEREY COUNTY, Calif. — Pacific Truck Service, 646 Park Ave., San Jose, at $6,412.50 awarded contract by the State Highway Commission, Sacramento, for applying seal coat on 8.7 miles in Monterey County between King City and 2 miles south of Greenfield.

CONTRACT AWARDED

MOHAVE COUNTY, Arizona — Lee Moor Contracting Co., 807 Bassett Power Building, El Paso, Texas, at $92,885 awarded contract by Arizona State Highway Commission, Phoenix, for highway construction on the Ashfork - Kingman highway, FA 80-G; AFE 6663. The work extends from Kingman northeasterly about 23.6 miles, and consists of oil processing by the road-mix method using SC-2 road oil.

BIDS OPENED

SACRAMENTO, Cal.—Bids received by Sacramento City Council for planing and re-surfacing approximately 1,000,000 sq. ft. of asphaltic concrete pavement, comprising a part of state highway routes 4 and 11 in Sacramento:

A. Teichert & Son, Inc.: (1) planing per sq. ft., $0.015; (2) bituminous binder per ton, $24; (3) coarse screenings per ton, $3.25; (4) fine screenings per ton, $3.50; (5) plant-mix surfacing per ton, $4.80.

McGillivray Const. Co.: (1) $0.0159; (2) $25; (3) $3.35; (4) $3.70; (5) $5.80.

J. R. Reeves, (1) $0.017; (2) $26; (3) $3.25; (4) $3.50; (5) $4.90.

Bid referred to City Manager for recommendation at the next council meeting, October 3.

PLANNED

BERKELEY, Alameda Co., Calif.—The Berkeley City Council, on recommendation of City Manager Hollis R. Thompson has approved plans for the expenditure of approximately $100,000 of State gas tax funds, including 23 projects to be submitted to State engineers for final approval.

Major jobs included in the program are: Resurfacing University Avenue from San Pablo Ave. to Acton St., $9,180; Resurfacing Ellsworth St. from Bancroft Way to Woolsey St., $9,300; Resurfacing Woolsey St. from Adeline St., to Claremont Ave., $12,570.

Plans and specifications for construction of an underpass beneath the Southern Pacific tracks at University Ave., in connection with East Shore Highway were also approved. Estimated cost, $150,000.

BIDS OPENED

BENTON FIELD, Alameda Co., Cal.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $10,480 submitted low bid to War Department, Capt. Leander Larsen, Constructing Quartermaster, Fort Mason, for constructing concrete pavements at Benton Field, Alameda.

Bids were taken as follows:

(1) Underfill, loaded, spread and rolled, per cu. yd.;
(2) 6-in. concrete pavement, including grading, placing, mesh reinf. per sq. ft.;
(3) Combined curb and gutter, Type B, per lin. ft.;
(4) Reinforcing bar, per cwt.;
(5) 6-way electric duct line, encased in concrete, per lin. ft.;
(6) 3-way do;
(7) 4-in. steel pipe, asphalt coated for conduit, per lin. ft.;
(8) Side form lumber, per M ft. B.M.
(9) Expansion joints, complete with galv. steel strips, per lin. ft.;

Complete bids follow:

(A) N. M. Ball Sons Co., Berkeley, $10,480.
(B) Heafey-Moore Co., Oakland, $11,838.
(C) Meyer Rosenberg, San Francisco, $12,740.
(D) A. Soda & Son, Oakland, $13,042.29.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.00	$ .75	$ 3.00	$ 2.50
(2)	.205	.18	.21	.22
(3)	.80	1.00	.90	1.00
(4)	5.00	6.00	5.00	6.00
(5)	1.50	3.00	2.50	2.50
(6)	1.00	2.00	2.00	1.50
(7)	1.00	1.25	1.20	1.00
(8)	20.00	50.00	15.00	40.00
(9)	.25	.30	.25	.27
(10)	.25	.70	.20	.10

SACRAMENTO CO.—Cosumnes River Trestles—(County)

SACRAMENTO COUNTY, Cal.—P. F. Bender, 1012 Del Paso Blvd., Sacramento, at $21,038.22 submitted low bid and awarded contract by the Sacramento County Board of Supervisors for constructing three trestles on the Wilder-Ferguson Road over the Cosumnes River, about 22 miles below Sacramento.

The trestles will be of redwood pile and concrete deck, 39- 96- and 419-ft. long.

The work involves:
(1) 4764 l.f. furnishing redwood piles;
(2) 3168 l.f. driving piles;
(3) 9.856 M ft. BM caps, select all-heart structural redwood in place
(4) 19.368 M. ft. BM bulkhead material and cross-bracing heart. structural redwood sheathing;
(5) 83.355 M. ft. BM stringers, scabs and bridging, dense select all-heart structural redwood stringers, select all-heart structural redwood scabs and bridging;
(6) 24.376 M. ft. BM sub-floor heart structural redwood;
(7) 20.387 M. ft. BM posts, rallings, blocks, select all-heart structural redwood;
(8) 260.11 c.y. concrete;
(3) 29,282 lbs. reinforcing steel;
(10) 800 c.y. excavation and backfill;
(11) lump sum removal of old struc.

Plans and specifications may be obtained from County Engineer J. J. Rooney.

Total bids follow:

(A) P. F. Bender, Sacramento $21,038.22
(B) Lord & Bishop, Sacto..... 21,174.15
(C) Campbell Const. Co. Sacramento 22,171.03
(D) Chas. Harlow, Jr., S. F. 22,639.49
(E) Parish Bros., Hollywood 22,954.85
(F) W. J. O'Neil, S. F..... 24,254.68
(G) Bundesen and Lauritzen, Pittsburg 24,352.42
(H) Lindgren & Swinerton, San Francisco 26,268.79

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .48	$ .44	$ .48	$ .60	$ .464	$ .55	$ .475	$ .486
(2)	.77	.60	.53	.40	.835	.45	.60	1.31
(3)	70.00	75.00	75.00	80.00	78.00	80.00	75.00	83.70
(4)	71.80	70.00	77.00	80.00	78.00	85.00	97.00	122.22
(5)	73.00	75.00	78.50	80.00	78.00	80.00	85.50	81.74
(6)	57.00	60.00	61.70	80.00	77.00	65.00	63.90	65.64
(7)	81.00	75.00	112.00	90.00	86.00	105.00	104.00	106.87
(8)	11.00	12.00	11.00	12.50	12.75	14.00	14.50	11.80
(9)	.0425	.045	.045	.04	.04	.05	.0425	.0449
(10)	.75	1.00	.90	500.00	400.00	675.00	750.00	763.00
(11)	400.00	600.00	750.00	1.00	1.00	2.00	1.25	1.09

SAN FRANCISO — ARMY STREET SEWER — (CITY)

SAN FRANCISCO. — M. J. Lynch, Oakdale and Barnevald Avenues, at $2,798.50 submitted low bid to the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall under Spec. No. 18,883 for constructing a sewer in Army Street between Church and Dolores Streets.

The work involves:
(1) 610 l.f. 12-in. VCP sewer in place;
(2) 130 l.f. 15-in. do;
(3) 20 l.f. remove 3x5-ft. brick sewer;
(4) one brick manhole complete;
(5) two each brick manholes (frames and covers furnished);
(6) one drop manhole (do);
(7) 34 each 12x6-in. wye branches;
(8) 4 each 15x6-in. wye branches;
(9) 75 l.f. 10-in. VCP culvert in place.

Total bids follow:

(A) M. J. Lynch..... $2,798.50
(B) E. J. Treacy..... 2,864.63
(C) Chas. L. Harney..... 2,876.50
(D) Eaton & Smith..... 3,305.50
(E) Theo. Cohn 3,461.50
(F) W. J. Tobin, Oakland 3,495.00
(G) Arthur Wallgren 3,530.00
(H) Brant Williamson..... 3,664.25
(I) Fay Improvement Co..... 3,740.30
(J) Peter J. McHugh..... 3,857.00
(K) C. C. W. & H. H. Haun.... 3,975.00
(L) W. C. Akard 5,374.00

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ 3.00	$ 2.85	$ 2.80	$ 2.75	$ 3.50	$ 3.75	$ 3.85	$ 3.55	$ 4.22	$ 4.00	$ 4.00	$ 6.00
(2)	3.20	2.74	3.50	3.50	4.25	4.75	4.00	4.05	4.22	4.50	5.00	6.00
(3)	3.00	4.00	6.00	2.00	3.00	1.50	1.00	5.85	2.50	5.00	4.00	5.00
(4)	70.00	100.00	85.00	115.00	100.00	100.00	85.00	120.50	90.00	100.00	100.00	140.00
(5)	50.00	90.00	70.00	100.00	90.00	85.00	60.00	100.50	90.00	80.00	90.00	125.00
(6)	50.00	115.00	120.00	200.00	150.00	100.00	140.00	130.50	145.00	220.00	140.00	160.00
(7)	4.00	2.50	1.50	12.00	1.50	1.00	1.75	3.00	1.00	2.50	4.00	1.50
(8)	6.00	4.17	2.50	15.00	2.00	1.50	2.25	5.00	2.25	4.25	6.00	2.00
(9)	1.50	1.91	2.50	2.00	3.00	2.00	2.00	3.75	1.46	2.00	3.00	3.00

All bids referred to the City Engineer.

BIDS WANTED

YOLO and Sacramento Cos., Cal.—Until October 23, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for constructing a water supply system, an irrigation system, concrete curbs and gutters, and grading a portion of the roadway between the M Street subway and the M Street bridge, and between Ben Ali subway and Ben Ali Station, a length of 1.2 miles in Yolo and Sacramento Counties.

The work involves:
(1) 160 M. gals. water;
(2) 630 c.y. rdwy. excav., unclass.
(3) 1,950 c.y. struc. excav.;
(4) 1,000 c.y. imported borrow;
(5) 62 sta. finishing rdwy.;
(6) 360 tons untreated crushed gravel or stone (sidewalks);
(7) 7 tons liquid asphalt SC-2 (penetration oil treatment);
(8) 20 tons sand (do);
(9) 4 c.y. Portland cement concrete (pavement);
(10) 750 lbs. bar reinf. steel;
(11) 7 c.y. Class A Portland cement concrete (structures);
(12) 2 each cast steel frames and covers for drop inlets;
(13) 70 l.f. 8-in. CMP;
(14) 353 l.f. 18-in. CMP;
(15) 190 c.y. Class A Portland cement concrete (curbs and gutters);
(16) 84 each culvert markers;
(17) 3.5 c.y. concrete removed and disposed of;
(18) 85 l.f. drilling and casing well (M St. portion);
(19) 85 l.f. do (Ben Ali portion);
(20) 30 l.f. perforating well casing (M St. portion);
(21) 30 l.f. do (Ben Ali portion);
(22) 2 each pump and power units;
(23) 2 each pump houses complete in place;
(24) 7,560 l.f. 2-in. galv. wrought iron or steel water pipe;
(25) 11 each 2-in. brass globe valves;
(26) 11 each valve boxes and covers;
(27) 142 each tree irrigators;
(28) 4 each sprinkler units;
(29) 2 each tank truck loading units.

Plans and Specifications obtainable from the above office, and on file at the offices of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

MOHAVE COUNTY, Arizona—Until October 11, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for grading and draining 9.3 miles of the Kingman-Boulder Dam Highway, WPSS 102-C, AFE 6908. The work begins at the northwest end of project NRS 102-A, approximately 40 miles northwest of Kingman and extends northwesterly about 9.3 miles.

The work involves the following approximate quantities:
62,000 c.y. drainage excavation;
19,400 c.y. drainage excavation;
1,800 c.y. structure excavation;
866 c.y. concrete;
78,600 lbs. reinforcing steel;
1,532 l.f. corrugated metal pipe (two sizes);
240 l.f. type B bank protection;
200 hours rolling;
300 M. gals. sprinkling.

Proposal guarantee 5%. Plans and specifications may be obtained from the above office. T. S. O'Connell, State Highway Engineer.

AWARD RECOMMENDED

GILA COUNTY, Ariz.—Bennett & Taylor, 1978 S. Los Angeles St., Los Angeles, at $36,136 submitted the lowest of five bids received, and recommended for award of contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for 4.218 miles grading on Section C of Route 11, the Payson - Colcord Mountain National Forest Highway, Tonto National Forest, Gila County.

All-Arizona Engr. & Const. Co., Clifton, at $37,112 submitted second low bid, and Tiffany Const. Co., San Jose, Calif., at $38,253 submitted the third low bid.

Engineer's estimate, $36,492.

BIDS WANTED

IMPERIAL COUNTY, Cal. — Until October 24, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for placing plant mixed surfacing on about 3.2 miles in Imperial County, between 4 miles west of Westmoreland and Trifolium Canal.

The work involves:
(1) 500 cu. yds. imported borrow;
(2) 170 stations finishing roadway;
(3) 5100 tons mineral aggregate (plant-mixed surfacing, leveling course);
(4) 2400 tons mineral aggregate (plant-mixed surfacing, surface course);
(5) 340 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(6) 51,900 sq. yds. asphaltic paint binder;
(7) 80 tons liquid asphalt SC-2 penetration oil treatment;
(8) 14,700 sq. yds. preparing, mixing and shaping shoulders;
(9) 95 tons liquid asphalt SC-2 road mix surface treatment.

Plans and specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until October 24, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for paving with asphalt concrete about 0.8 mile of the San Fernando Road, through Newhall, between Railroad Ave. and Placerita Road, in Los Angeles County.

The work involves:
(1) 42 stations clearing and grubbing right of way;
(2) 210 M. gallons water;
(3) 3,500 c.y. rdwy. excav., unclass.;
(4) 300 c.y. imported borrow;
(5) 34,000 sta. yds. overhaul;
(6) 50 c.y. removing existing conc.;
(7) 8,000 sq. yds. preparing subgrade
(8) 42 stations finishing rdwy.;
(9) 1,150 tons mineral agg. (plant-mixed surfacing);
(10) 62 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(11) 8 tons liquid asph. MC-2 (prime coat);
(12) 12 tons liquid asph. SC-2 (shoulders);
(13) 1,500 sq. yds. prepaing, mixing, and shaping shoulders;
(14) 2 tons liquid asphalt SC-2 (prime coat);
(15) 2,420 tons asphalt concrete (base and leveling course);
(16) 960 tons asphalt concrete, Type A (surface course);
(17) 600 sq. yds. asph. paint binder;
(18) 590 c.y. Class A Port. cem. conc. (curbs, gutters, sidewalks);
(19) 740 l.f. curb armor.

Plans and Specifications obtainable from the State Highway Commission, Public Works Bldg., Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN BERNARDINO COUNTY, Cal. Until October 7, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for treating shoulders with liquid asphalt about 4.8 miles between the east city limits of Redlands and Calimesa.

The work involves:
(1) 155 tons liquid asphalt.

Specifications and proposal forms on application to above.

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until October 7, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for treating shoulders with liquid asphalt about 3 miles on Iowa Ave., between East Eighth St. near Riverside and La Cadena Drive.

The work involves:
(1) 235 tons liquid asphalt.

Specifications and proposal forms on application to above.

BIDS WANTED

WASHINGTON STATE.—Until October 15, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction, as follows:

King County: Grading, draining and surfacing on about 3.6 miles of State Road No. 5, Enumclaw East, U. S. Works Program Highway Proj. Nos. WPMH 184-F and WPH 184-G, in King County, involving about 22 acres of clearing, 166,320 c.y. of excavation, 10,380 c.y. of crushed stone surfacing 176 c.y. of concrete, 20,500 lbs. steel reinforcing bars, 7,021 l.f. of cable guard rail design No. 6, 1 MBM timber and lumber, 1,588 l.f. of pipe culverts and other items.

Clark County: Paving with Portland cement concrete and asphaltic concrete on about 0.7 mile of State Road No. 8, Vanconver Barracks — paving, Federal Land Project No. 7 in Clark County, involving about 8,728 sq. yds. of portland cement concrete pavement 1,708 tons of asphaltic concrete pavement, 2,053 l.f. of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

BIDS WANTED

NAVAJO COUNTY, Ariz. — Until Oct. 18, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on streets in Holbrook, N.R. M. 40 (1934); A.F.E. 6639.

The work, which lies within the city limits of Holbrook and extends from the pavement on Porter St. westerly on Oakland Ave., a distance of approximately 0.3 of a mile, consists of removing and salvaging old pavement, placing select material, paving with cement concrete pavement, and is to be completed on or before January 31, 1936.

The principal items and approximate quantities are:
9700 sq. yds. salvaging pavement and replacing as select material;
9850 sp. yds. grading under pavement
3300 cu. yds. select material;
6800 sq. yds. 6-in. concrete pavement;
700 sp. yds. concrete gutter;
3000 lin. ft. combined curb and gutter
3150 lin. ft. 4-in. vitrified clay pipe;
225 cu. yds. rock backfill over vitrified clay pipe;
and other incidental items.

Certified or cashier's check, 5%. Funds in the sum of $55,000 have been programmed for this construction. T. S. O'Connell, State Highway Engineer.

BIDS OPENED

SNOHOMISH CO., Wash.—Heller & Gillgannon, Seapoose, Ore., at $550.00 per acre, total 524,750 submitted low bid to the Bureau of Public Roads, Portland, Sept. 18 for 4.19 miles of the South Fork Stillaguamish Clearing Project 7-D, National Forest Rd. Project, located within the Mt. Baker National Forest, Snohomish County.

Erickson, Johnson & Smith Bros., Naches, Wash., at $635 per acre, total $28,575 submitted the only other bid.

BIDS WANTED

OREGON STATE—Until October 8, 9 A. M., bids will be received by Oregon State Highway Commission, R. H. Baldock, Chief Engineer, Auditorium, Public Service Bldg., Portland, for highway construction as follows:

DESCHUTES COUNTY: Units No. 1 and 5, Redmond-Bend Section of The Dalles-California Highway, Federal Aid Projects Nos. 123-G and 123-H., 2.62 miles of grading requiring approximately 32,000 cu. yds. exvavation and 30,000 cu. yds. borrowed embankment materials in place.

TILLAMOOK COUNTY: Brooks - Jordan Creek Section of Wilson River Highway. U. S. Works Program Highway Project No. WPH 191-C. Furnishing and installing approximately 3200 lin. ft. pipe culverts; also, placing of approximately 450 cu. yds. class "D" concrete and 54,000 lbs. metal reinforcement in concrete box culverts.

WALLOWA COUNTY: Rock Creek-Wallowa Lake Highway. Federal Aid Project No. 40-D. 4.28 miles regrading, surfacing and oil mat surface treatment. Requires approximately 23,000 cu. yds. excavation; 21,000 cu. yds. borrowed materials in embankment; 22,000 cu. yds. gravel topping; 4000 cu. yds. crushed gravel surface materials; and 50,000 sq. yds. oil mat surface treatment.

WASCO COUNTY: Clear Lake-Clear Creek Section of Wapinitia Highway. Federal Aid Project No. 163-C. 4.37 miles regrading, surfacing and bituminous macadam wearing surface; also furnishing crushed rock in stockpile. Requires approximately 53,000 cu. yds. excavation; 3600 cu. yds. salvaged surfacing materials; 44,000 cu. yds. crushed rock surfacing materials; 61,000 sq. yds. bituminous macadam wearing surface and 500 cu. yds. crushed rock in stockpile.

CLATSOP COUNTY: Nehalem River-Rock Creek Section of Wolf Creek Highway. U. S. Worka Program Highway Project No. WPH 181-E. 2.59 miles grading and an additional 3.05 miles of clearing. Requires approximately 628,000 cu. yds. excavation and 15,000 cu. yds. quarry-run roadbed topping.

Plans and specifications and proposal blanks may be obtained from State Highway Commission, Room 322 State Office Bldg., Salem, on deposit of $5 per set.

CONTRACT AWARDED

OAKLAND, Cal.—Independent Construction Co., Ltd., foot of 47th Ave., Oakland, at $4,195 awarded contract by the Oakland Port Commission for paving apron wharf, Seventh Street unit, Outer Harbor, with asphalt concrete, involving approximately 20,000 sq. ft. of pavement.

CONTRACT RE-AWARDED

KERN COUNTY, Cal.—A. S. Vinnell Co., 969 Amalta Ave., Los Angeles, at $26,010.50 awarded contract by State Division of Highways, Sacramento, for applying road-mix surface treatment on about 30.5 miles between Johannesburg and Route 23 in Kern County.

This contract previously was awarded to J. A. Casson, 319 Warren St., Hayward, on a bid of $16,414.90. Due to an error in his bid Mr. Casson refused the contract and forfeited his bid security.

BIDS OPENED

YAKIMA COUNTY, Wash.—Lucich & Co., 3001 21st S., Seattle, at $40,780.80 submitted low bid to Bureau of Public Roads, W. H. Lynch, District Engineer, Portland, for 1.894 miles grading on the Randle - Yakima East Side Highway, National Forest Highway Project 13-R, located within the Snoqualmie National Forest, Yakima County, Wash.

Following are complete bids:

Lucich & Co., Seattle	$40,780.80
F. G. Redmon, Yakima	40,960.50
C. E. Oneal Co., Stevenson	46,672.30
Schmitt Const. Co., Portland	46,794.85
Tony Marrazzo, Spokane	50,277.70
J. C. Wachter Co., Stevenson	52,896.80
James Coyle, Seattle	53,955.80
C. L. Creelman, Seattle	56,328.60
G. B. Nolte, Bellingham	59,552.60
Carl Nyberg, Spokane	60,867.00
Herman & Pearson, Seattle	61,015.30
J. C. Papin, Carson	62,469.10
Clifton & Applegate, Spokane	62,593.00
Elliott & Co., Seattle	62,983.20
L. Romano Engr. Corp., Seattle	65,432.00
Halleran Bros., Seattle	5,884.20
Geo. F. Price, Dayton	67,652.20
Brent Sturgill Co., Inc., Cascade Lakes, Ore.	69,751.60
P. L. Crooks & Co., Portland	74,226.00

CONTRACT AWARDED

WASHOE and Storey Cos., Nevada.—Utah Construction Co., Ogden, Utah at $141,419.47 submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, Sept. 18 for construction of a portion of the State Highway system in Washoe and Storey Counties, Route 17, Section A, between a point approximately 8 miles southeast of Brown and a point approximately 5 miles southeast of Browns (Geiger Grade), a length of about 3 miles.

The work involves:

(1) 114,100 cu. yds. rdwy. excavation;
(2) 105,999 sta. yds. overhaul;
(3) 370 cu. yds. structure excavation
(4) 3 miles finishing roadway;
(5) 15 cu. yds. Class B concrete;
(6) 220 cu. yds. cement rubble masonry;
(7) 220 lin. ft. 18-in. CMP;
(8) 36 lin. ft. 24-in. CMP;
(9) 90 lin. ft. 30-in. CMP;
(10) 160 lin. ft. 36-in. CMP;
(11) 124 each monuments;
(12) 2400 lbs. castings.

Total bids follow:

(A) Utah Const. Co., Ogden, $141,419.47.
(B) Pacific Const. Co., San Franciaco, $141,635.95.
(C) Fredrickson & Watson Const. Co. Fredrickson Bros. and Jones and King, Oakland, $142,775.97.
(D) Isbell Const. Co., Reno, $156,668.58.
(E) Engineer's estimate, $135,020.97.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.15	$ 1.10	$ 1.15	$ 1.24	$ 1.10
(2)	.03	.05	.03	.02	.03
(3)	1.50	3.00	3.00	2.00	1.50
(4)	100.00	500.00	100.00	1500.00	100.00
(5)	30.00	50.00	40.00	40.00	30.00
(6)	14.00	20.00	15.00	20.00	12.00
(7)	2.00	3.00	2.50	2.40	2.00
(8)	3.00	4.00	4.00	3.10	2.75
(9)	3.75	5.00	4.50	4.10	3.50
(10)	6.00	6.00	7.00	6.00	5.00
(11)	3.50	3.00	3.00	4.00	3.00
(12)	.15	.20	.20	.15	.15

CONTRACT AWARDED

HUMBOLDT COUNTY, Nev. — Nevada Rock & Sand Co., Reno, at $103-598.84 submitted the low bid and was awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, Sept. 18 for construction of a portion of the State Highway system in Humboldt Co., Rte. 8, Section C, between Paradise Hill and Orovada, a length of approximately 18.6 miles.

The work involves:

(1) 362 lin. ft. remove culvert pipe;
(2) 129 each remove culvert headwalls;
(3) 94,400 cu. yds. roadway excav.;
(4) 40,758 sta. yds. overhaul;
(5) 9716 cu. yds. select borrow;
(6) 24,739 cu. yds. imported borrow;
(7) 1320 cu. yds. structure excav.;
(8) 18.56 mi. subgrade;
(9) 18.56 mi. finish roadway;
(10) 71,900 tons crushed gravel or stone surface;
(11) 2065 M. gals. water;
(12) 80 cu. yds. Class A concrete;
(13) 215 cu. yds. Class B concrete;
(14) 13,000 lbs. reinforcing steel;
(15) 24 lin. ft. 15-in. CMP;
(16) 1216 lin. ft. 18-in. CMP;
(17) 858 lin. ft. 24-in. CMP;
(18) 318 lin. ft. 30-in. CMP;
(19) 364 lin. ft. 36-in. CMP;
(20) 68 lin. ft. relay culvert pipe;
(21) 80 each, monuments.

Total bids follow:

(A) Nevada Rock & Sand Co., Reno, $103,598.84.
(B) Geo. French, Jr., Stockton, Cal., $104,561.01.
(C) Isbell Const. Co., Reno, $106,-875.96.
(D) Pacific Const. Co., San Francisco, $108,422.76.
(E) Engineer's estimate, $114,298.91.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ .50	$ 1.00	$ .75	$ .75
(2)	5.00	3.00	3.00	5.00	5.00
(3)	.28	.25	.28	.30	.30
(4)	.03	.02	.02	.02	.02
(5)	.40	.45	.50	.40	.40
(6)	.30	.35	.30	.30	.35
(7)	1.50	1.00	1.00	1.50	1.00
(8)	100.00	50.00	100.00	75.00	100.00
(9)	100.00	100.00	100.00	75.00	100.00
(10)	.52	.55	.55	.57	.60
(11)	1.00	2.00	1.50	1.00	2.00
(12)	30.00	30.00	30.00	25.00	30.00
(13)	30.00	30.00	30.00	25.00	30.00
(14)	.07	.07	.07	.06	.07
(15)	2.00	1.75	1.90	2.00	2.10
(16)	2.25	2.25	2.25	3.00	2.35
(17)	3.00	3.00	3.00	4.00	3.40
(18)	3.50	4.00	4.00	5.00	4.50
(19)	5.25	5.75	6.00	6.00	5.75
(20)	1.50	.75	.50	.50	.75
(21)	3.00	3.00	4.00	2.00	3.00

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until October 7, 2 P. M., bids will be received by State Division of Highways, E. Q. Sullivan, District Engineer, 247 Third St., San Bernardino, for applying liquid asphalt on about 15 miles between Klinefelter and easterly foundary of San Bernardino Co.

The work involves 102 tons of liquid asphalt.

Specifications and proposal forms on application to the above.

LOW BIDDER

COCONINO COUNTY, Ariz.—R. C Tanner, 312 W 11th Ave., Phoenix, submitted the low bid to the Arizona State Highway Commission, Phoenix, Sept. 27 at $121,221 for highway construction on the Flagstaff - Fredonia Highway FA 95-H, AFE 8960.

The work, which is to begin at the Indian Reservation boundary about 44 miles north of Flagstaff and extend 8½ miles northerly to Cameron, consists of grading, and draining, and placing select material and A.B.C.

BIDS WANTED

SAN FRANCISCO.—Until October 9 1:45 P. M., informal bids will be received by the Department of Public Works, Wm. H. Worden, Director, under Spec. No. 18,886 for spreading screenings and spraying emulsified asphalt over the existing ballast of the Belt Line Railroad along Marina Blvd. Estimated cost, $870.

The work involves:

(1) 190 tons spreading screenings;
(2) 3150 gals. spraying emulsified asphalt.

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall. • 9

31 — PIPE LINES & WELLS

BIDS WANTED

TACOMA, Wash.—Until October 18, 9 A. M., bids will be received by the Board of Contracts & Awards, 307 City Hall, Tacoma, for constructing 19,450 ft. of pipe line ranging from 42-in. to 58-in. in diameter with reinforced concrete gate house 26-ft. by 54-ft., and installation of all gates and appurtenant structures. 7370 ft. of 52-in. pipe may be either centrifugally spun concrete pipe or 5/16-in. steel plate. The balance of the pipe will be required in steel of 5/16-in. of ⅜-in. plate. 13,600 ft. of pipe will be used for replacement of sections of Green River Gravity Pipe Line.

Plans and specifications obtainable from the above office upon deposit of $10.

W. A. Kunigk, City Water Superintendent.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

NOGALES, Ariz.—Until October 15, 10 A. M., (M.S.T.), bids will be received by the International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, for the construction of the main channel and stilling basin, unit No. 3, Nogales Flood Control Project, NFC-459. The items are:

(1) 23,000 cu. yds. excavation;
(2) 5500 cu. yds. embankment;
(3) 4500 cu. yds. concrete;
(4) 240,000 lbs. reinf. steel.

Specifications may be obtained at the above office.

BIDS WANTED

CALIENTE, Nev.—Until October 21 bids will be received by Town Council of Caliente for constructing sewers and sewage treatment plant. Est. cost, $25,000.

33— WATER WORKS

BIDS WANTED

LOS ANGELES, Cal. — Until Oct. 14, 2 P. M., bids will be received by Los Angeles County Supervisors, 501 Hall of Records, Los Angeles, for furnishing and constructing new 48-in. riser, sand trap, foundations, piping and painting for elevated water tank (22 ft. in diameter), located at dairy at the Rancho Los Amigos. Specifications No. 342. The height of riser to bottom of tank is 111 ft. Plans may be obtained from the office of R. E. Shonerd, County Mechanical Engineer, 1006 Hall of Records.

BIDS OPENED

SACRAMENTO, Cal.—Bids received by Sacramento City Council for furnishing (1) 1,000 ft. 4-in. cast iron pipe and (2) 2,000 ft. 6-in. cast iron pipe:

American Cast Iron Pipe Co., San Francisco: (1) $452; (2) $1366.

U. S. Pipe and Foundry Co., San Francisco, (1) $475.50; (2) $1385

Pacific States Cast Iron Pipe Co., San Francisco: (1) $460; (2) $1400.

Grinnell Co. of the Pacific, San Francisco, (1) $473; (2) $1436.

Florence Pipe and Foundry Co., Los Angeles: (1) $520; (2) $1500.

Bids referred to City Manager for recommendation at the next council meeting, October 3. •

CONTRACT AWARDED

OAKLAND, Calif. — Steel Tank & Pipe Co., 1100 Fourth St., Berkeley, at $145,165 awarded contract by Eastbay Municipal Utilities District, Oakland, for furnishing electric welded steel pipe, and American Concrete & Steel Pipe Co., foot of 19th Avenue, Oakland, at $34,930 awarded contract for cement lining same.

LOW BIDDER

YUMA, Ariz.—Chicago Bridge and Iron Works, 204 Rialto Building, San Francisco, submitted the low bid to Bureau of Reclamation, Yuma, Sept. 26, at $4165 fob Potholes, Cal., or $3,635 fob Chicago, for furnishing and erecting a water tower at the Government camp at the Imperial Dam, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada, in accordance with Spec. No. 721-D. The Government camp is located at the Imperial Dam about 14 miles northeast of Yuma. The water tower will consist of a tank having a capacity of not less than 30,000 gallons supported on a structural steel tower approximately 60 ft. in height to the bottom of the tank.

BIDS WANTED

SAN FRANCISCO.—Until Oct. 11, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. W. D. 89, for laying 4- 6- and 8-in. cast iron mains in Francisco Heights Subdivision.

The work involves:

(1) 6,350 l.f. excavation and backfill for 4- 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep;
(2) 155 c.y. additional excavation and backfill;
(3) 50 sq. ft. additional pavement removal and replacement;
(4) Installing pipe:
  (a) 598 l.f. 4-in. bell and spigot cast iron pipe;
  (b) 4,850 l.f. 6-in. do;
  (c) 1082 l.f. 8-in. do;
(5) 7,580 lbs. installing fittings, gate valves, etc.;
(6) 920 l.f. making joints for pipe and fittings;
(7) 700 sq. ft. repavement;
(8) Lump sum, pipe and service connections, work to be done by S. F. Water Dept.

Pipe, fittings and appurtenances, excepting jointing material, will be furnished by the city. Repavement over the pipe trench where necessary is to be done by contractor.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.00. •

BOND ELECTION

MAXWELL, Colusa Co., Calif.—Supervisors have set November 4 as the tentative date for voting bonds in the amount of $34,865.15 to secure $63,392 water and sewerage improvements in the Maxwell Utility District.

CONTRACT AWARDED

CAMARILLO, Ventura Co., Calif.—E. C. Nickel, 912 Micheltorena Street, Los Angeles, at $87,700 awarded contract by the Department of Public Works, Division of Architecture, G. B. McDougall, State Architect, Sacramento, for constructing services at the Camarillo State Hospital, involving water main, steam and return lines, gas lines, sewer and water systems, electrical services and ground lighting.

BONDS VOTED

AUSTIN, Nev.—A bond issue of $5,000 was approved at a special election in Austin recently. The money will finance purchase and improvement of the water supply system of the Austin Water Company.

BIDS OPENED

ALL-AMERICAN CANAL, Ariz.—Following bids received by the Bureau of Reclamation, Federal Bldg. Yuma, Arizona, Sept. 26, under Spec. No. 721-D, for furnishing and erecting a water tower at the Government Camp at the Imperial Dam, All-American Canal System, Boulder Canyon Project:

Chicago Bridge & Iron Works, 608 S. Hill St., Los Angeles: (1) $4165; (2) $3635.
Consolidated Steel Corp., Ltd., Los Angeles: (1) $4690; (2) $4470.
Pittsburg-Des Moines Steel Co., San Francisco: (1) $4833; (2) $4265.
W. E. Caldwell Co., Louisville, Ky.: (1) $5176; (2) $4640.
Omaha Steel Works, Omaha, Neb.: (1) $5510; (2) $5281.
Minneapolis Moline Power Implement Co., Minneapolis, Minn.: (1) $5,935; (2) no bid.

Bids held under advisement.

October 3, 1935

BIDS OPENED

SAN FRANCISCO.—Robert Garcia Well Drilling and Pump Co., 2045 University Ave., Palo Alto, at $2.25 per l.f., total $787.50, submitted low bid to the Department of Public Works, W. H. Worden, Director, City Hall, under Spec. No. 18,887, for making test holes for fire cisterns in Dolores Street at various locations.

Complete bids follow:

Robert Garcia Well Drilling & Pump Co., Palo Alto: $2.25 per l.f.; total, $787.50.

MacDonald & Kahn Co., Ltd., San Francisco: $2.95 per l.f.; total $1,032.50.

M. Bertolino, San Francisco: $3.25 per l.f.; total, $1,137.50.

Bids held under advisement

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

SAN MATEO, San Mateo Co., Cal —Until October 7, 8 P. M. bids will be received by San Mateo City Council, E. W. Foster, City Clerk, for installation of electroliers on one block of Second Avenue between Railroad Ave. and South Claremont Street.

Specifications may be obtained on application to the city clerk.

BIDS OPENED

HAMILTON FIELD, Marin Co., Cal. —Standard Fence Co., 440 Bayshore Blvd., San Francisco, at $271.35 submitted low bid to the Constructing Quartermaster, Ft. Mason, under Bid No. W 6616-36-11, for furnishing chain link fence, posts, gates, and fittings to be delivered at Hamilton Field.

Complete bids follow:

Standard Fence Co.	$271.35
Anchor Post Fence Co. of Calif.	282
American Chain Co., Inc.	300
Kamlan Fence Co.	320
Pacific Fence Const. Co.	340
Western Steel & Wire Co.	350
Wayne Iron Works	376
Wickwire Spencer Steel Co.	376
C. J. Waterhouse Co.	395
Colorado Fuel & Iron Prod. Co.	395
American Fence Co.	424

Section 435½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET . SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

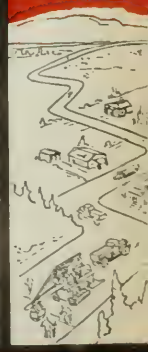
SAN FRANCISCO
PUBLIC LIBRARY

Plan $7,500,000 State Grade Separations

$9,811,000 Coast Permit Total for Sept.

Building Permits, Advance Reports of Building and Engineering Projects

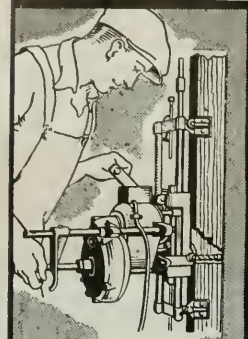
Unit Price Review



tober 12, 1935

Vol. XVIII—No. 41

WAPPAT Electric TOOLS



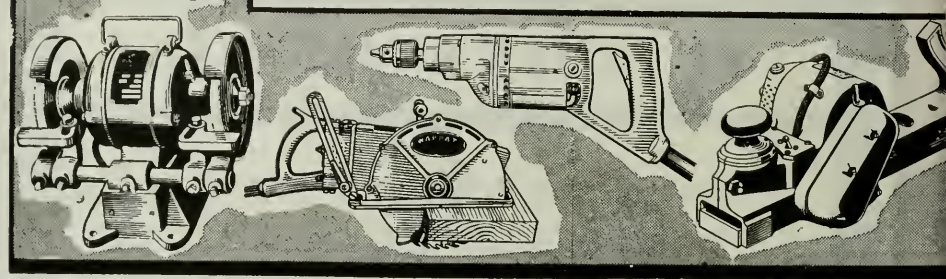
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., OCTOBER 12, 1935 No. 41

COAST PERMITS FOR SEPTEMBER TOTAL $9,811,000

Number of Jobs Exceeds Previous Months; Residential Work Ratio Gains

More building permits were issued on the Pacific Coast in September than in any month of recent years, according to the official reports of principal city and county inspection departments for seven states. Number of permits exceeded 10,000, more than 10 percent ahead of August totals. The estimated cost of work in September was under that of August about $1,800,000. The total for the month is $9,811,000, more than double the total for the corresponding month a year ago, however.

The decline in value of work from August is due principally to lack of any large awards during the month. With no major building contracts pending during the current month it is probable that October totals will not show any considerable gain over September of last year, which was the best month of 1934.

The first effect of the Federal Housing Administration campaign under Title I of the housing act was recorded in October a year ago, when there was a notable increase in number of permits issued for alteration and repair work and the month's total, aided by some large public contracts, reached $8,600,000. This year the FHA promotion of new residential building is reflected in current figures.

Comparison of the residential contracts reported by the cities of San Francisco, Oakland and Los Angeles in September of 1934 and 1935 shows work of this nature now accounting for more than 50 percent of the total permits in each city, while a year ago it ranged from 15 to 35 percent. Totals for dwellings of all classes reported last month by these cities are Los Angeles, $1,035,000; San Francisco, $376,000; Oakland, $183,000.

The usual seasonal decline in private work during November and December it is expected will be compensated in part this year by letting of many contracts for small non-Federal PWA projects. In Northern California counties there is about $6,500,000 of this type of work toward which PWA allotments have been made.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	6490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5623	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858

1935	Permits	Value
January	6413	$7,429,496
February	6460	8,833,638
March	8253	10,546,030
April	9227	13,128,042
May	8976	11,602,953
June	7998	10,393,190
July	8295	11,384,920
August	8909	11,655,037
September	10,010	9,811,631

SEPTEMBER CLUB CHOOSES OFFICERS

Officers of the September Club of the San Francisco Builders' Exchange were announced yesterday following the eleventh annual outing of club members held at the Port Costa brick yard. The new officers are: E. M. Hundley, president; E. N. Ayers, first vice-president; Ed Aigeltinger, second vice-president; W. H. Augustine, third vice-president; Frank Mordecai, secretary-treasurer; W. J. Sullivan R. S. Moyle and W. S. McLean, trustees.

The retiring president is G. C. Nunan.

C. C. Munson was toastmaster at the barbecue dinner that followed the annual business meeting. Guests included E. M. Mason, J. B. Keenan, H. E. Drake, Albert Suell, O H. Robertson, Harold Swenson, J. L. Collins, W. E. Lewis, John Monk and J. Cummings.

SPAN APPROACH PAVING CONTRACT BIDS OCTOBER 30

Four-Mile Eastbay Fill Section To Be Paved; Three L. A. Jobs Advertised

SACRAMENTO, Calif., Oct. 8.—The State Division of Highways will take bids October 30 on a contract for paving four miles of the Eastbay approach to the San Francisco-Oakland Bay Bridge, a section between the bridge head and the foot of Folger Avenue in Berkeley. It is to be paved with asphalt concrete, requiring an estimated 31,515 tons.

The pavement will be laid on the dredger fill completed last year. This fill is to be extended two miles from Folger Avenue, north to Gilman Street under contract just awarded and provision has been made in the current budget for extending the pavement the same distance and on to a connection with San Pablo Avenue in El Cerrito.

Advertising of three highway contracts in southern counties was authorized today also. Bids will be received in Los Angeles, October 31.

These are located as follows:

Orange County—Reinforced concrete bridge and grade separation structure at Newport Beach to be constructed and about eight-tenths of a mile to be graded and paved with asphalt concrete and portland cement concrete.

Los Angeles County — Grading and paving 3.5 miles with portland cement concrete on Rosemead boulevard between San Gabriel boulevard and Ramona boulevard.

San Diego County — Grading about seven-tenths mile at Santa Margarita river.

GRANTED CERTIFICATE

A provisional certificate to practice architecture has been granted Engene V. Ward, Kingscote Apartments Stanford Universidy, it is announced by Secretary C. J. Ryland of the State Board of Architectural Examiners, Northern District.

39 California Grade Separations Planned With $7,500,000 Fund

KELLY PLEDGES EARLY LETTING OF CONTRACTS

State Engineers Hope to Start Two-thirds of Program By Dec. 15

Details of a program for constructing 39 grade separation structures at railroad and highway intersections in 17 counties of California were announced yesterday by State Director of Public Works Earl Lee Kelly. The work is financed with $7,486,362 allotted to the state for this type of work by the Federal Government from the 1935 work-relief appropriation.

In releasing the list of projects for publication, Director Kelly said:

"The program is already under way with projects now being advertised and the Division of Highways is making every effort to speed up engineering plans and specifications, right of way negotiations and all preliminary details necessary to having men at work on the projects by December 15th as required by the Federal Government.

"I am confident that at least $5,000,000 of the $7,500,000 Federal funds allocated to California under the Federal Emergency Relief Apportionment Act of 1935 will be under contract or advertised by that date providing work for many men now on relief rolls which was the primary purpose of Congress in passing the act.

"While the major part of the expenditure will be taken care of by the Federal funds, the Government will not pay for any right of way or property damages and such funds must be provided by the State when the projects are on State highways, or by counties and cities on other roads or streets.

"The government has placed several restrictions with regards to the way this money will be spent. It is required that the money be apportioned to the various railroads according to their mileage in the state; that at least 25 percent of the money be spent off of the Federal Aid Road System and at least 30 to 35 percent in municipalities of metropolitan areas.

"Although practical considerations, which in this case include the limitations placed by the Federal Government, are primary factors governing the choice of grade crossing projects, the Division of Highways has, nevertheless, endeavored to restrict the choice of projects only to those on major highway and railroad traffic arteries, to grade crossings which have unusually bad accident records and to rebuilding existing dangerous grade separation structures.

"The list of projects which were submitted to the Bureau of Public Roads comprises 15 projects on State highways outside of cities, 10 projects on State highways within cities, 12 projects on other city streets, and 2 projects on County roads; a total of 39 individual projects all including one or more crossing separations.

"The list is the result of careful consideration on the part of the Division of Highways and has received the approval of the various railroads concerned, district office of the Bureau of Public Roads, and other Federal agencies in the state whose approval is required.

"It is hoped that the progress made by the Division of Highways in the short time allowed will influence the Federal Government in extending the time for getting the work under way, and that it will be possible to give further consideration to additional separation projects and grade crossing protection work which has been asked for by various communities and the railroads themselves."

GRASS VALLEY VOTES BONDS

A bond issue of $75,000 to be supplemented with a PWA grant of $47,000, has been approved by Grass Valley school district voters by a vote of 14 to 1, enabling the district to proceed immediately with construction of a new elementary school building. Preliminary plans have been prepared by Architect Fred Reimers of San Francisco for a reinforced concrete building and gymnasium. The new building will relieve overcrowding in existing academic units.

General Electric Orders Gain 34% In Third Quarter

Orders received by the General Electric Company for the third quarter of 1935 amounted to $54,400,819, compared with $40,458,901 for the third quarter of 1934, an increase of 34 per cent, President Gerard Swope announced yesterday.

Orders received for the nine months amounted to $158,943,765, compared with $132,613,543 for the nine months last year, an increase of 20 per cent.

NORTH COUNTIES CROSSINGS COST TO BE $3,979,951

State Enginers Select 23 Projects; Major Jobs In Alameda

Twenty-three grade separation structures to cost $3,979,951 are scheduled for construction by the State Division of Highways in the program announced yesterday as prepared by State Highway Engineer C. H. Purcell. Southern California counties are to receive $3,506,395 for 16 structures.

Alameda County highway routes will receive $1,696,602 of the portion allotted Northern California, including $352,050 estimated for constructing an overhead crossing in Albany to carry the north bridge approach route across the main lines of the Southern Pacific. For two grade separations to be made as part of the realignment of Route 5 at Niles, $388,188 is programmed.

Other major projects in Alameda County are in the vicinity of San Leandro at 105th street, a subway beneath S.P. and W.P. tracks costing $372,065 and south of San Leandro at Washington Avenue, a subway beneath W.P. tracks to cost $181,575; Jackson Street subway beneath W.P. tracks in Hayward, $168,550; Broadway Terrace subway under Sacramento Northern tracks, Oakland, $124,292.

Two reconstruction projects are listed for San Francisco, one the Army Street subway, $60,900 and the other the Williams Street overhead, $57,050. Both are at Southern Pacific intersections.

Three projects are listed for Santa Clara County, two in San Joaquin at Tracy and Stockton, one for Fresno, one for Tehama, one for Kern, two in Monterey and two in Sacramento.

Largest single project is a bridge and overhead on the Figueroa St. extension in Los Angeles to cost $703,900. Eight projects, each in excess of $175,000, are scheduled for Los Angeles City and County.

WILLOW GLEN HAS HIGH PERMIT TOTAL

Building permits aggregating $104,000 in the past sixty days are reported by Building Inspector E. A. Bruntsch of Willow Glen. For the month of September permits totalled $69,000, including construction of 19 dwellings and in August permits amounted to $35,000. Applications for ten building permits are on file.

CALIFORNIA GRADE SEPARATION PROJECTS

Recommended by State Division of Highways for Construction Under the Emergency Relief Appropriation Act of 1935

County	Route	Project	Railroad	WPA Funds
Alameda	105	Removal of Railroad track from 12th Street in Oakland	W.P.	$ 50,414.00
Alameda	69	Washington Avenue Subway, South of San Leandro	W.P.	181,575.00
Alameda	105	Subway on Jackson Street in Hayward	W.P.	168,550.00
Alameda	Feeder	Rebuilding Subway on Mountain Boulevard in Oakland	S.N.	59,468.00
Alameda	Feeder	Subway on Broadway Terrace near Landvale Drive in Oakland	S.N.	124,292.00
Alameda	Feeder	Subway on San Leandro Street at 105th Street in Oakland	S.P.&W.P.	372,065.00
Alameda	69	Overhead on East Bayshore Highway at El Cerrito Hill in Albany	S.P.	352,050.00
Alameda	5	2 Grade Separations on Revision of State Highway alignment at Niles	S.P.&W.P.	388,188.00
Contra Costa	Feeder	Reconstructing old Overhead near Maltby	ATSF	16,250.00
Fresno	4	Overhead on Golden State Highway at Calwa, South of Fresno	ATSF	222,960.00
Kern	4 & 33	Subway on Golden State Highway at Famoso	S.P.	203,200.00
Monterey	2	Subway on Main Street in Salinas	S.P.	294,350.00
Monterey	2	Subway on Coast Highway in Soledad	S.P.	150,870.00
Sacramento	Feeder	Overhead on Jibboom Street in Sacramento, connecting with new "I" Street Bridge Approach	S.P.	144,580.00
Sacramento	3	Widening Subway at 16th Street in Sacramento	S.P.	54,200.00
San Francisco	Feeder	Reconstructing subway on Army St. in San Francisco	S.P.	60,900.00
San Francisco	Feeder	Reconstructing and Widening Overhead on William Street in San Francisco	S.P.	57,050.00
San Joaquin	5	Subway on State Highway east of Tracy	S.P.	203,590.00
San Joaquin	5	Subway on Charter Way in Stockton	S.P.&W.P.	268,059.00
Santa Clara	Feeder	Subway on Almaden Road, San Jose	S.P.	97,770.00
Santa Clara	Feeder	Subway on Embarcadero Street, Palo Alto	S.P.	221,280.00
Santa Clara	Feeder	Subway on LaFayette Street connection to Bayshore Highway in Santa Clara	S.P.	171,860.00
Tehama	3	Widening Subway South of Red Bluff	S.P.	116,430.00
Imperial	27	Subway on Main Street in El Centro	S.P.	231,110.00
Los Angeles	9	Subway on Foothill Boulevard at Azusa	ATSF	249,620.00
Los Angeles	174	Subway on Firestone Boulevard at Graham Station	P.E.	416,330.00
Los Angeles	Feeder	Raising tracks at Intersection of Mission Road and Huntington Drive in Los Angeles	P.E.	382,320.00
Los Angeles	Feeder	Subway under Main and Butte Streets Line of Railroad on Soto Street in Los Angeles	U.P.	227,660.00
Los Angeles	60	Overhead on Relocated State Highway Route Via N & O Streets near Wilmington	ATSF	270,520.00
Los Angeles	167	Subway on Atlantic Avenue near Hobart Station	ATSF	179,800.00
Los Angeles	165	Bridge and Overhead on the Figuroa Street Extension in Los Angeles	S.P.	703,900.00
Los Angeles	Feeder	Overhead on Soto Street in Los Angeles	S.P.	208,580.00
Orange	171	Subway on State Highway at Northam Station Buena Park	ATSF	164,230.00
Riverside	26	Overhead on State Highway north of Indio	S.P.	128,800.00
Riverside	19	Reconstructing Overhead on new Alignment Jack Rabbit Trail West of Beaumont	S.P.	104,925.00
San Bernardino	31	Subway on State Highway at Verdemont, North of San Bernardino	ATSF	86,550.00
San Bernardino	58	Overhead on State Highway near Java	ATSF	96,040.00
Santa Barbara	58	Rebuilding old Overhead on Los Positos Road in Santa Barbara	S.P.	14,370.00
San Diego	2	Widening Overhead North of Del Mar	ATSF	41,640.00

HIGHWAY CARRIERS GROSS LEVY DUE

Warren K. Brown, director of the transportation department of the State Railroad Commission, has issued notice to highway carriers that the law pased by the last legislature requires payment to the state of one-quarter of one percent of gross operating revenues. Payments for the months of July, August and September of 1935 are due and must be paid before October 15 to avoid a 25 percent delinquency penalty.

The fees go into an administrative fund for enforcing the Highway Carriers' Act and the City Carriers' Act.

ACOUSTICS LECTURE HERE OCTOBER 15

A demonstrated lecture on acoustics will be given Tuesday, October 15, at 8 P. M. in the Colonial Room of Hotel St. Francis by Harold R. Berlin, head of the Johns-Manville acoustical department.

PERMITS AND CONTRACTS

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
787	Kinley	Owner	5500
788	Johnson	Owner	4500
789	Wallin	Owner	4000
790	Wallin	Owner	4000
791	Fonlo	Hamilton	1500
792	Hoddi	Daneri	5000
793	Hartman	Tollefsen	3800
794	Viera	Haulman	2500
795	Cereghino	Armstrong	6300
796	Gillespie	Owner	5000
797	Herr	Owner	1000
798	Kinley	Owner	4500
799	Kinley	Owner	4500
800	Hieb	Pishel	3500
801	Whalin	Owner	5000
802	Kidd	Hexem	1000
803	Young	Owner	1200
804	Waldman	Owner	3750
805	Farquhar	Messenger	8000
806	Hayes	Garcia	6000
807	Rosenfield	Roth	2000
808	Haslett	Strang	4300
809	Sbrietmann	Maurer	1400
810	Strand	Tariel	5000
811	O'Brien	Confer	8000
812	Sweet	Owner	7400
813	Gould	Owner	5500
814	Conti	Faramia	2500
815	Campbell	Stead	1000
816	Turner	Urch	2000
817	Pressler	Pressler	4500
818	Garthwaite	Livingston	2500
819	Weeks	Broderick	8500

DWELLING
(787) NO. 4077 OAKMORE ROAD, **OAKLAND.** Two-story 6-room dwelling.
Owner—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given. $5500

DWELLING
(788) NO. 3155 WISCONSIN ST., **OAKLAND.** One-story six-room dwelling.
Owner—O. H. Johnson, 4237 Atlas Ave. Oakland.
Architect—Not Given. $4500

DWELLING
(789) NO. 2950 SEVENTY - FIFTH Ave., **OAKLAND.** One-story five room dwelling.
Owner—Falke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(790) NO. 2944 SEVENTY -FIFTH Ave., **OAKLAND.** One-story five room dwelling.
Owner—Falke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(791) NO. 390-92 THIRTY - FIFTH St., **OAKLAND.** Alterations and addition.
Owner—A. Fonlo, 37th and West Sts., Oakland.
Architect—Not Given.
Contractor—M. T. Hamilton, 2444 Virginia St., Berkeley. $1500

WAREHOUSE
(792) NO. 201 BROADWAY, **OAKLAND.** One - story brick and concrete warehouse.
Owner—S. E. Hodde.
Architect—R. C. Schuppert, 1530 Wellington Sts., Oakland.
Contractor—Daneri & Swafford, 6515 Raymond St., Oakland. $5000

DWELLING
(793) NO. 1608 E-THIRTY - FIRST St., **OAKLAND.** One-story five-room dwelling.
Owner—L. M. Hartman, Albany.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland. $3800

ALTERATIONS
(794) NO. 1863 CLEMENS ROAD, **OAKLAND.** Alterations and addition.
Owner—Mrs. Frank Viera, Premises.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda. $2500

DWELLING
(795) NO 707 SPRUCE ST., **BERKELEY.** Two-story 6-room frame dwelling.
Owner—I. Cereghino, 920 Hillgard St., Berkeley.
Architect—F. W Confer.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland. $6300

DWELLING
(796) NO. 584 CRAGMONT AVE., **BERKELEY.** Two-story six-room frame dwelling.
Owner—M. Gillespie, 2901 Garber St., Berkeley.
Architect—F. H. Slocombe. $5000

ADDITIONS
(797) NO. 2931 PINE AVE, **BERKELEY.** Additions.
Owner—O. R. Herr, Premises.
Architect—Not Given. $1000

DWELLING
(798) NO. 3989 Lyman Road, **OAKLAND.** One-story 6-room dwlg.
Owner—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given. $4500

DWELLING
(799) NO. 3985 LYMAN ROAD, **OAKLAND.** One-story 5-room dwlg.
Owner—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given. $4500

DWELLING
(800) NO. 4288 FRUITVALE AVE., **OAKLAND.** One-story five-room dwelling and garage.
Owner—H. O. Hieb, 8672 Hopkins St., Oakland.
Architect—Not Given.
Contractor—C. O. Pishel, 4276 Fruit-Ave., Oakland. $3500

DWELLING
(801) NO. 915 MANDANA BLVD., **OAKLAND.** One-story five-room dwelling.
Owner—W. E. Whalin, 211 Hanover Ave., Oakland.
Architect—Not Given. $5000

REMODELING
(802) NO. 1114 SEVENTH AVENUE, **OAKLAND.** Remodeling home.
Owner—Peter Kidd, Premises.
Architect—Not Given.
Contractor—Andrew Hexem, 2945 California St., Oakland. $1000

ADDITION
(803) NO. 900 HIGH ST., **OAKLAND** Addition.
Owner—L. A. Young Spring & Wire Corp., Premises.
Architect—Not Given. $1200

DWELLING
(804) NO. 2963 SIXTY-SECOND AV., **OAKLAND.** One and one-half-story 5-room dwelling and one-story frame garage.
Owner—A. E. Waldman, Premises.
Architect—Not Given. $3750

(805) NO. 890 SPRUCE STREET, **BERKELEY.** Two-story 6-room frame dwelling.
Owner—Mrs. Grace T. Farquhar, San Francisco.
Architect—W. C. Perry, 260 California St., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley. $8000

DWELLING
(806) NO. 2007 LOS ANGELES ST., **BERKELEY.** Two-story 7-room frame dwelling.
Owner—C. K. Hayes, 9 Fresno St., Berkeley.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—Geo. C. Garcia, 1656 Ocean View Ave., Berkeley. $6000

DWELLING
(807) NO. 1245 SHERMAN STREET, **ALAMEDA.** One-story four-room dwelling with shingled exterior.
Owner — Mrs. J. L. Rosenfield, 1247 Sherman St., Alameda.
Architect—Not Given.
Contractor—Conrad Roth, 2100 Central Ave., Alameda. $2000

ALTERATIONS
(808) NO. 1315 CLINTON AVENUE, **ALAMEDA.** Lower pitch of roof, add bedrooms, remove porch and general alterations.
Owner—Rose Haslett, 535 Geary St., San Francisco.
Architect—Not Given.
Contractor—V. N. Strang, 1521 Ninth St., Alameda. $4300

ALTERATIONS
(809) NO. 1236 ASHMOUNT AVE., **PIEDMONT.** Alterations.
Owner—Dr. W. H. Sbrietmann, 1236 Ashmount Ave., Piedmont.
Architect—Newsom Bros., Russ Bldg. San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Piedmont. $1400

DWELLING
(810) NO. 5116 COCHRAN AVENUE, **OAKLAND.** Two-story six-room dwelling.
Owner—J. A. Strand Jr., 30 Uplands St., Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—P. C. Tariel, 4621 Fleming Ave., Oakland. $5000

DWELLING
(811) NO. 6567 ASCOT DRIVE, **OAKLAND.** Two-story 6-room dwlg.
Owner—John J. O'Brien.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor, F. W. Confer, 1328 Arch St., Berkeley. $8000

DWELLING
(812) NO. 5133 MASONIC AVENUE, **OAKLAND.** Two - story 7-room dwelling.
Owner—Freda Sweet, 3932 Harrison St., Oakland.
Architect—Not Given. $7400

DWELLING
(813) NO. 777 EUCLID AVENUE, **BERKELEY.** One-story six-room frame dwelling.

Owner—A. E. Gould, 1665 Thousand Oaks Blvd., Berkeley.
Architect—Not Given. $5500

DWELLING
(814) NO. 1635 CURTIS ST., BERKELEY. One-story 5-room frame dwelling.
Owner—V. Conti, 1677 Curtis Street, Berkeley.
Architect—Not Given.
Contractor—John Faramia, 827 Madison St., Berkeley. $2500

ALTERATIONS
(815) NO. 2352 SHATTUCK AVE., BERKELEY. Alterations.
Owner—J. D. Campbell, Premises.
Architect—Not Given.
Contractor—F. A. Stead, 3206 Boise St., Berkeley. $1000

ADDITION
(816) NO. 3606 BRIGHTON AVE., OAKLAND. Addition.
Owner—Rex H. Turner, Premises.
Architect—Not Given.
Contractor — Ernest W. Urch, 1924 50th Ave., Oakland. $2000

DWELLING
(817) NO. 4130 LYMAN ROAD, OAKLAND. One-story 6-room dwelling.
Owner — Gertrude M. Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland. $4500

DWELLING
(818) NO. 1480 SCENIC AVE., BERKELEY. One-story three-room frame dwelling.
Owner—W. B. Garthwaite, 2277 Vine St., Berkeley.
Architect—E. T. Spencer, 1800 Claus Spreckels Bldg., San Francisco.
Contractor—Wm. Livingston & Son, 1152 Euclid Ave., Berkeley. $2500

DWELLING
(819) NO. 1540 LE ROY AVENUE, BERKELEY. Two-story eight-room frame dwelling.
Owner—David Weeks, Premises.
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Contractor—Walter L. Broderick, 640 Arlington Ave., Berkeley. $8500

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1040	Lundberg	Olson	5000
1041	Allone	Owner	4500
1042	Solarzono	Paganini	2000
1043	Unquhart	Owner	1250
1044	Anza	Rousseau	3000
1045	Anza	Rousseau	3000
1046	Shannon	Owner	3500
1047	Pelsinger	Galway	3500
1048	Tollini	Mullen	1000
1049	Johnsen	Owner	3500
1050	American	Hopper	1400
1051	Mortorana	Owner	1200
1052	Hibernia	Dinwiddie	9500
1053	Simmons	Hinson	1000
1054	Doelger	Owner	4000
1055	St. Cyprian	Lehman	2700
1056	Martel	Horstmeyer	1700
1057	Armanino	Sharman	6500
1058	Mission	—	25000
1059	Grahn	Owner	2800
1060	Maurer	Newman	2000
1061	Pacific	Gettens	3000
1062	Western	Barrett	23000
1063	Doelger	Owner	4000
1064	Doelger	Owner	4000
1065	Doelger	Owner	4000
1066	Smith	Owner	3500
1067	Lehtenen	Owner	1200
1068	Anderson	Owner	3000
1069	Bertolino	Owner	1000
1070	Heyman	Owner	3000
1071	Heyman	Owner	3000
1072	Heyman	Owner	3000
1073	Heyman	Owner	3000
1074	Heyman	Owner	3000
1075	Heyman	Owner	3000
1076	Hanes	Black	5000

FLATS
(1040) W THIRTY-SECOND AVE. 50 S Judah St. Two-story frame flats.
Owner — Harry Lundberg, 900 Irving St., San Francisco.
Architect—Not Given.
Contractor — Carl Olson & Son, 1495 18th Ave., S. F. $5000

DWELLING
(1041) N GILMAN ST. 25 W Jennings St. One-story & basement frame dwelling.
Owner—Milton Allone, 942 Ingerson St., San Francisco.
Architect—Not Given. $4500

ALTERATIONS
(1042) NO. 1126 HOWARD ST. Alter store.
Owner — Carlos Solarzono, 490 Mills Bldg., San Francisco.
Architect—Not Given.
Contractor — David Paganini, 617 Montgomery St., S. F. $2000

DWELLING
(1043 W FORTY - SEVENTH AVE. 200 S Lawton St. One-story frame dwelling.
Owner—Mrs. Mildred Urquhart, 1240 21st Ave., San Francisco.
Architect—Not Given. $1250

DWELLING
(1044) N NORIEGA ST. 105 W 23rd Ave. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., % Contractor.
Architect—Not Given.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $3000

DWELLING
(1045) N NORIEGA ST. 79 W 23rd Ave. One-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., % Contractor.
Architect—Not Given.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $3000

DWELLING
(1046) W TWENTY-FOURTH AVE. 59 S Moraga St. One-story and basement frame dwelling.
Owner—Frank J. Shannon, 100 Putnam St., San Francisco.
Architect—Not Given. $3500

DWELLING
(1047) E MARKET 31 N Morgan St. One-story and basement frame dwelling.
Owner — Mrs. Ruth Pelsinger, 700 Steiner St., San Francisco.
Architect—Not Given.
Contractor—Robert F. Galway, 2071 Sutter St. $3500

ALTERATIONS
(1048) NO. 243 O'FARRELL ST.
Owner—Tollini Bros., Premises.
Architect—Not Given.
Contractor — Mullen Mfg. Co., 60 Rausch St., San Francisco $1000

DWELLING
(1049) W PINEHURST ST. 170 N Kenwood St Two.-story frame dwelling.
Owner—N. E .Johnsen, 666 Mission St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1050) NO. 207 VAN NESS AVE. SO. Alter office and warehouse.
Owner — American Seating Co., 521 Mission St., San Francisco.
Architect—Not Given.
Contractor—Alfred J. Hopper, 176[illegible] Pleasant Valley, Oakland. $140[illegible]

ALTERATIONS
(1051) SW FORTY-SIXTH AVE. & Judah St. Alter store.
Owner—Mrs. O. Mortorana Premises.
Architect—Not Given $12[illegible]

ALTERATIONS
(1052) NW JONES AND McALLISTER Sts. Alter bank.
Owner—Hibernia Savings & Loan Society, Premises.
Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Engineer—C. G. Snyder, 251 Kearny St., San Francisco .
Contractor — Dinwiddie Constr. Co., 210 Crocker Bldg., S. F. $9500

ALTERATIONS
(1053) NO. 234 McALLISTER ST. Alter store.
Owner—Eugene Simmons, 310 Tehama St., San Francisco.
Architect—Not Given.
Contractor — L. A. Hinson, 756 4th Ave., San Francisco. $1000

DWELLING
(1054) S JUDAH ST. 107 E Twenty-third Ave. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc. 320 Judah St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1055) SE SUTTER AND LYON STS. Alter dwelling.
Owner—St. Cyprian's Mission, Prem.
Architect—Arnold Constable, 580 Market St., San Francisco.
Contractor—E. J. Lehman, 782 Elizabeth St., San Francisco. $2700

ALTERATIONS
(1056) NO. 1640 FILLMORE STREET Alter store.
Owner—Martel Liquor Co., Premises.
Architect—Not Given.
Contractor—W. Horstmeyer, 31 Ord St., San Francisco. $1700

FLATS
(1057) N QUESADA ST. 142 W 3rd Ave. Two-story and basement frame flats.
Owner—A. Armanino, % Contractor.
Architect—Not Given.
Contractor—Thos. R. Sharman, 3700 Broderick St., S. F. $6500

ALTERATIONS
(1058) FILLMORE AND EDDY STS. (Fillmore Theatre). Alter theatre
Owner — Mission - Fillmore Theatre Co. and Residential Theatres, 28 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—Not Given. $25,000

DWELLING
(1059) W TOCOLOMA ST. 43 NE Blanken St. One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $2800

ALTERATIONS
(1060) NO. 5050 MISSION STREET Alter brewery.
Owner—Carl Maurer, Premises.
Architect—Not Given.
Contractor—C. C. Newman, 1279 Vermont St., San Francisco. $2000

WAREHOUSE
(1061) NE TOWNSEND AND JAPAN Sts. Steel frame warehouse.
Owner—Pacific Vegetable Oil Co., 62 Townsend St., San Francisco.

Architect—Not Given.
Contractor—H. T. Gettins Co., 268 13th St., San Francisco. $3000

ALTERATIONS
(1062) S TWENTY-FIFTH ST., bet. Potrero Ave. and Utah St. Alter factory.
Owner—Western Stopper Co., Prem.
Engineers — Ellison & Russell, 712 Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $23,000

DWELLING
(1063) W SEVENTEENTH AVE. 125 N Ortega St. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc. 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1064) S KIRKHAM ST. 90 E 23rd Ave. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc. 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1065) W SIXTEENTH AVE. 166 N Pacheco St. One-story and basement frame dwelling.
Owner — Henry Doelger Builder, Inc. 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1066) N ULLOA ST. 125 W 16th Avenue. One-story and basement frame dwelling.
Owner—Martin Smith, 545 Guerrero St., San Francisco.
Architect—Not Given. $3500

ALTERATIONS
(1067) SE NINTH AVE AND GEARY St. Alter garage.
Owner—R. Lehtenen. Premises.
Architect—Not Given. $1200

DWELLING
(1068) W TWENTY-EIGHTH AVE. 100 S Ulloa St. One-story and basement frame dwelling.
Owner—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1069) NO. 580 PENNSYLVANIA ST. Alter dwelling.
Owner—M. Bertolino, 32 Shotwell St., San Francisco.
Architect—Not Given. $1000

DWELLING
(1070) E DUNSMUIR ST. 50 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1071) E DUNSMUIR ST. 120 S Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1072) E DUNSMUIR ST. 190 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1073) E DUNSMUIR ST. 85 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given $3000

DWELLING
(1074) N DUNSMUIR ST. 155 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1075) N DUNSMUIR ST. 225 N Silver Ave. One-story and basement frame dwelling.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1076) W THIRTIETH AVE. 150 S Judah St. One-story and basement frame dwelling.
Owner—Vilda C. and Macy L. Hanes, 1033 Stanyan St., San Francisco.
Architect—Not Given.
Contractor — Robert G. Black, 1935 Cabrillo St., San Francisco. $5000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
141	Hibernia	Dinwiddie	9500
142	Schwalbe	Lindgren	15200

PENTHOUSE
(141) NW JONES AND McALLISTER Sts. All work for penthouse on bank building.
Owner—Hibernia Savings & Loan Society, Premises.
Architect — Arthur Brown Jr., 251 Kearny St., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Filed Oct. 7, '35. Dated Oct. 4, '35.
On 1st of each month..... 75%
Usual 35 days..... Balance
TOTAL COST, $9500
Bond, $9500. Surety, Pacific Indemnity Co Limit, 80 calendar days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(142) NO. 1599 GREENWICH ST. All work for alterations to 16-apt. building.
Owner—Sarah Schwalbe, Premises.
Architect—Not Given.
Contractor—Albin C. Lindgren, 346 Lowell St., San Francisco.
Filed Oct. 8, '35. Dated Sept. 24, '35.
Rough frame up.....$3800
Brown coat plaster on..... 3800
Completed and accepted..... 3800
Usual 35 days..... 3800
TOTAL COST, $15,200
Bond, $15,200. Surety, United States Fidelity & Guaranty Co. Limit, 120 working days. Forfeit, plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
72	Farquhar	Mssenger	8340
73	Weeks	Broderick	10100
74	Cuneo	Luoma	4700

RESIDENCE
(72) LOT 13 Near Spruce St. and Marin Aves., Berkeley. All work for residence.
Owner—Grace T. Farquhar.
Architect—Chas. Perry, 260 California St., San Francisco.
Contractor, J. Messenger, 5107 Lincoln St., Berkeley.
Filed Oct. 4, '35. Dated Sept. 24, '35.
Frame completed 25%
Plastering completed 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $8340
Bond, $8340. Surety, Maryland Casualty Co. Limit, forfeit, none. Plans and specifications filed.

DWELLING
(73) LOT 17 BLK 4, La Loma Park and Wheeler Tract, Berkeley. All work for two-story 9-room frame dwelling and double garage.
Owner—David & Marian Hazel Weeks 1504 Le Roy Ave., Berkeley.
Architect—John E. Anthony, 1191 Oxford St., Berkeley.
Contractor—Walter L. Broderick, 640 Arlington Ave., Berkeley.
Filed Oct. 8, '35. Dated Oct. 2, '35.
Frame up and roof on.....$2525
2nd coat plastering on interior 2525
When completed 2525
36 days after..... 2255
TOTAL COST, $10,100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(74) NO. 474 FIFTY-SIXTH STREET Oakland. All work for residence.
Owner—Raymond J. & Cecelia Cuneo, 355 50th St., Oakland.
Architect—Not Given.
Contractor—E. J. Luoma, 2313 Browning St., Berkeley.
Filed Oct. 9, '35. Dated Sept. 19, '35.
Foundation in .....$ 250
Frame up 575
Brown plastered 500
Inside plaster finished..... 850
Ready to finish carpentering..... 650
Ready for painting..... 350
Painting finished 850
Hardwood floors finished..... 500
Usual 35 days..... 175
TOTAL COST, $4700
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $175; 922 Carolina St.; owner, Mary Chernikoff, 922 Carolina St.
SIGN, electric, $175; 17 Ellis Street; owner, Weinstein Co., 1041 Market St.; contractor, Elec. Prods. Corp. 255 Golden Gate Ave.
SIGN, electric, $150; 3028 Geary St.; owner, Geary Roofing Co., Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $200; 615 Market St.; owner, Weinstein Co., 1041 Market St.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $250; 119 Post Street; owner, Weinstein Co., 1041 Market St.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $250; 300 Post Street; owner, G. A. Randolph, Premises; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, electric, $300; Maiden Lane & Geary St.; owner, Weinstein & Co. 1041 Market St.; contractor, Elec. Prods. Corp., 255 Golden Gate.
SIGN, electric, $100; 942 Market St.; owner, Dr. H. R. Bernard, Prem.; contractor, Electric Prods. Cor., 255 Golden Gate Ave.
SIGN, electric, $125; 612 Clayton St.; owner, Hampton's Beauty Shop, Prem.; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER dwelling, $50; 242 Lisbon St.; owner, Wm. Grady, Premises.
ALTER dwelling, $875;; 219 Brodford St.; owner, Dr. Stefans, Prem.; contractor, Robinson & Johnston, 180 Oak St.
ALTER dwelling, $25; 253 Filbert St.; owner, J. Ortega, 797 Filbert St.
SIGN, electric, $100; 690 3rd Street; owner, Terminal Buffet, Premises; contractor, Laib, 7th and Folsom
FLUE, $70; 732 Haight St.; owner, H. Camphell, Prem.; contractor, John Marshall, 4447 Mission St.
SIGN, electric, $50; 234 9th Street; owntr, York Ice Machinery Co., Premises; contractor, QRS Neon Corp., 690 Potroro Ave.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
Offices
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Figured—Bid Close Oct. 15, 4 P.M.

APARTMENTS Cost, $12,000
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco apartment building (4—4-room apartments), shingle roof, gas furnaces, wood sash, hardwood floors, tile baths, etc.
Owner—Harold Markham.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Following will submit bids:
E. Merlo, Rt. 2, Box 232, Stockton;
T. E. Williamson, 1859 W. Rose St., Stockton;
H. H. Henning, 1751 Berkeley Way, Stockton;
W. J. Scott, 1661 W. Poplar St., Stockton;
B. T. Parsons, Rt. 4, Bor 305, Stockton.

TO ASK BIDS

LOS ANGELES, Calif. — Architect Richard M. Bates, Jr., 664 S. Sycamore Ave., is completing plans and will take segregated bids beginning the end of this week for seven four-family, Monterey type apartment buildings to be built at Messelin and Carmona Aves. for the Lion Building & Investment Co. They will be wood frame structures with stucco exteriors, shingle and built-up roofing, wood sash, hardwood and pine floors, interior tile work, gas unit heating, etc Total cost $100,000.

3— CHURCHES

Plans Being Completed.

ALTERATIONS Cost, $2500
HUGHSON, Stanislaus Co., Calif.
Alterations to church.
Owner — Hughson Methodist Church (Reverend John Winkley, Pastor) Hughson.
Architect — G. N. Hilburn, 1213 I St., Modesto.
Financing arrangements are being completed.
C. L. Galt, Hughson, is chairman of the building committee.

4— FACTORIES & WAREHOUSES

PREPARING PLANS

PHOENIX, Ariz. — Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, are preparing plans for the first unit of a new packing plant to be built at 7th and Buchanan Sts., Phoenix, for Libby Fruit Packing Co. The building will have a floor area of 17,500 sq. ft. and will contain an air conditioned storage room.

Contracts Awarded.

TERMINAL Cost, $75,000
SPOKANE, Washington. First St., bet. Sherman and Sheridan Sts.
One-story terminal (142x300 ft. 23 ft. high) 20 overhead sliding doors, Offices, repair shop, garage space, 60x100 feet, large hoist, 2 concrete pits, showers, lockers, dining room, sleeping room in basement, steam heating plant, two doors, iron stairs, ornamental iron, 10 plain skylights, steel sash gravity vent, etc.
Owner—Inland Motor Freight (Grover C. Ealy, President). E. 102 Main St., Spokane.
Architect—Not Given.
Contractor—F. E. Martin, Galax Hotel Spokane.
Plumbing & Heating—James Smythe Plumbing & Heating Co., 908 Sprague St.

Contract Awarded

ALTERATIONS Cost, $1500
SAN FRANCISCO. 45 Stockton St.
Alterations to bakery.
Owner—Mr. Hellwig, premises.
Architect—Not Given.
Contractor—Unit Bilt Fixture Co., 963 Harrison Street.

Contract Awarded

WAREHOUSE Cost, $6,000
OAKLAND. Alameda Co., Calif. 201 Broadway.
One-story brick and concrete warehouse.
Owner—S. E. Hodde.
Architect—R. C. Schuppert, 1530 Wellington St., Oakland.
Contractor—Daneri & Swafford, 6515 Raymond St., Oakland.

CONTRACT AWARDED

SANTA BARBARA, Calif. — O. J. Kenyon, 21 E. De la Guera, Santa Barbara, awarded contract for erection of a warehouse and office building on West Canon Perdido St., Santa Barbara, for the Santa Barbara Telephone Co. It will be a two-story, reinforced concrete structure, 50x80 ft. in area. Cost, $30,000.

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif., 207 Van Ness Ave. South.
Alterations to offices and warehouse.
Owner — American Seating Co., 521 Mission Street.
Architect—Not given.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Oakland.

Contract Awarded

ADDITION Cost, $25,000
SAN FRANCISCO. 25th Street and Potrero Avenue.
One-story addition to factory (200x100-ft.) steel frame, concrete walls steel sash, etc.
Owner—Western Stopper Co., Inc.
Engineers—Ellison & Russell, Pacific Building
Contractor—Barrett & Hilp, 918 Harrison Street.

Plans Being Completed.

DAIRY Cost, $20,000 including equipment
SAN RAFAEL, Marin Co., Cal. Mary Street near Fourth.
One-story reinforced concrete dairy and bottling plant (50x100 ft.)
Owner—Roberts Dairy, San Rafael.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
Bids will be asked within one week.

October 5, 1925

Planned.

REFINERY Cost, $[illegible]
YOLO COUNTY, Cal. (Site to be selected).
New beet sugar refinery
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.), 2 Pine St., San Francisco.
Plans by Engineering Dept. of Owner
Further details will be announced in about sixty days.

Bids Opened.

INDUSTRIAL BLDG. Cost, $20,000
SAN FRANCISCO. 23rd and Harrison Streets.
One-story and mezzanine Class C reinforced concrete industrial bldg.
Owner—G. J. Gensler.
Architect—Leo F. Sharps, 1477 Burlingame Ave., Burlingame.
Low Bidder—H. L. Petersen, 731 Treat Ave., San Francisco.
Complete bids follow:

H. L. Petersen, San Francisco	$19,718
D. L. Bienfield, S. F.	20,133
Lengfeld & Olund, Ltd., San Mateo	20,459
Lindgren & Swinerton, S. F.	20,850
Dinwiddie Constr. Co., S. F.	22,300
P. J. Walker Co., S. F.	22,922

Bids held under advisement.

Construction Started

STORAGE FACILITIES Cost, $19,000
SAN FRANCISCO, Calif., Townsend St., bet. 7th and 8th.
New crane, extension to old crane, sheet racks, bar racks, steel racks, etc.
Owner—Ducommun Corp.
Engineer—James M. Smith, 251 Kearny St.
Contractor—Fred. J. DuPuy, 110 Sutter Street.

Contract Awarded

ALTERATIONS Cost, $2,500
SAN FRANCISCO, Cal., 5050 Mission Street.
Alterations to brewery.
Owner—Carl Maurer, premises.
Architect—Not given.
Contractor—C. C. Newman, 1279 Vermont Street.

BIDS OPENED

SAN FRANCISCO, Calif. — Empire Roofing Co., 261 Silver Avenue, at $285 submitted low bid to Department of Public Works for installing new tar and gravel roof and warehouse at the Mission Police Station. Complete bids follow:

Empire Roofing Co.	$285.00
Alta Roofing Co.	408.00
J. W. Bender Roofing & Paving Co.	411.50

Bids held under advisement.

Owner Taking Bids

ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif., 255 Bocana Street.
Alterations to frame residence for flats (1, 6 room and one, 3 room flat).
Owner—Lilio Biogio.
Architect—Plans by B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.
Owner is taking general bids.

5— FLATS

Contract Awarded

FLATS Cost, $[illegible]
SAN FRANCISCO, Cal., N. Quesada, 142 ft. W Third St.
Two-story and basement frame and stucco flats.
Owner—A. Armanino
Architect—Not given

Contractor—Thos. R. Sharman, 3700 Broderick Street.

Contract Awarded.
ALTERATIONS Cost, $7250
SAN FRANCISCO. E Broderick St. 150 N Crestnut Street.
Alterations to flats.
Owner—Gaston Martell. 3236 Broderick St., San Francisco.
Architect—Not Given.
Contractor—Peder P. Johnson, 1750 Bay St., San Francisco.

Contract Awarded
FLATS Cost, $6,000
SAN FRANCISCO. W. 32nd Ave. 50 S. Judah Street.
Two-story frame and stucco flats.
Owner—Harry Lundberg, 900 Irving.
Architect—Not Given.
Contractor—Carl Olson and Son, 1495 18th Avenue.

Sub-Bids Wanted.
FLATS Cost, $12,500
SAN FRANCISCO. E Capra Way and Avila Street.
Two-story and basement frame flats.
Owner—J. D. and F. Skelly, 321 Kearny St,. San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Sub-bids are wanted on roofing, plumbing, heating, sheet metal, tile work, glass, hardwood floors, iron grille work, brick and stone work, lumber, hardware, painting, lathing and plastering, finishing material, foundations, etc.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SE Ninth Avenue and Geary Street.
Alterations to garage.
Owner—R. Lehtenen, Premises.
Architect—Not Given. 6

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $6,000
REDWOOD CITY, San Mateo County, Calif. Perry St. and Broadway.
Steel service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Julius Smith, 226 Grand St., Redwood City.

Contract Awarded.
ALTERATIONS Cost, $——
COTATI, Sonoma Co., Calif.
Repairs to Ford Agency Garage Bldg.
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner
Contractor—A. M. Cochrane, 412 2nd St., Petaluma.

Plans Being Figured
RECONSTRUCT SERVICE STATION
EUREKA, Humboldt Co., Cal.
Cost, $——
Reconstruction of service station (concrete foundations) steel building to be shipped from Portland, Ore., and be re-erected.
Owner—General Petroleum Co., 519 19th St., Oakland.
Architect—Plans by Engineering Dept. of owner.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
SAN DIEGO, Cal.—Jess B. Worthington, 4021 33rd St., San Diego, at $589 awarded contract by 11th Naval District for painting quarters A and B at the Naval Operating Base, (Fuel Depot), San Diego.

COMPLETE BIDS
HONOLULU, T. H.—As previously reported, Wong Buck Kam, Honolulu, at $2,850 submitted low bid to the Treasury Dept., Washington, D. C., for painting plaster, etc., in the U. S. Immigration Station at Honolulu
Complete bids follow:

W. B. Kam, Honolulu	$2,850
Raphael Co., San Francisco	2,950
Patterson Bros., Oakland	3,862
D. L. LaFortune, Honolulu	3,900
John M. Nakagaki, Honolulu	4,318
Nelson Smith, Honolulu	4,612
J. P. Carroll Co., Inc., L. A	4,700
Kato Contractor, Honolulu	5,664
J. L. Feary, Honolulu	7,832

CONTRACT AWARDED
PHOENIX, Ariz.—Tri-State Electric Co., Memphis, Tenn., at $2,550 awarded contract by Treasury Department, Washington, D. C., for interior lighting fixtures to be installed in the U. S. post office at Phoenix.
Complete bids published Sept. 13.

BIDS OPENED
ANAHEIM, Orange Co., Calif.—Henry J. Green, Washington, D. C., at $62 submitted low bid to Treasury Department, for plaster models for the Anaheim Post Office. Complete bids follow:

Henry J. Green	$62
Lombard & Ludwig	76
Studio of Architectural Sculpture	86
Washington Ornamental Co.	88

All of Washington, D. C.

Site Selected.
POST OFFICE Cost, $——
SELMA, Fresno Co., Cal. NE North and High Streets.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BIDS OPENED
SAN DIEGO, Cal.—Jess B. Worthington, 4021 33rd St., San Diego, at $589 (Item 1) and $241 (Item 2) submitted low bid to 11th Naval District, San Diego, for painting quarters A and B at the Naval Operating Base (Fuel Depot) San Diego.
Complete bids follow:

J. B. Worthington	(1)	$589
	(2)	241
E. H. Gray	(1)	627
	(2)	202
C. R. Graves	(1)	702
	(2)	179

All of San Diego.

LOW BIDDER
SAN DIEGO, Calif.—F. B. Young, 4166 30th St., San Diego, submitted low bid to 11th Naval District at San Diego at $1654.06, for roof covering and miscellaneous building repairs at the Naval Operating Base (Fuel Depot) San Diego; Spec. No. 8062.

BIDS WANTED
BOULDER DAM, Nev.—Until Oct. 28, 10 A. M., bids will be received by the Bureau of Reclamation, Boulder City, for the construction of terrazzo work for the Boulder Dam and Power Plant, Boulder Canyon Proj., Arizona-California-Nevada, under Specifications No. 642. The principal items of work and estimated quantities involved are as follows:
(1) 47,920 sq. ft. unbonded field terrazzo, 3½-in. thick;
(2) 6,675 sq. ft. terrazzo border for unbonded field terrazzo;
(3) 3,490 l.f. ft. terrazzo base for do;
(4) 1,180 l.f. terrazzo curb for do;
(5) 145 l.f. terrazzo strip and base around stair walls;
(6) 48 l.f. terrazzo shelf and base do;
(7) 31,145 sq. ft. bonded field terrazzo 1- to 2-in. thick;
(8) 3,398 sq. ft. terrazzo border for field terrazzo;
(9) 2,551 l.f. terrazzo base for bonded field terrazzo;
(10) 800 l.f. terrazzo cove;
(11) 3,280 sq. ft. terrazzo traffic strip;
(12) 4,569 sq. ft. terrazzo treads and landing;
(13) 107 sq. ft. terrazzo risers & base
(14) constructing several special terrazzo floor designs.

Plans and specifications may be obtained from the office of the Bureau of Reclamation at Boulder City, Denver, and Washington, D. C. No deposit required from prospective bidders. A charge of $3.00, not returnable, required for others.

Low Bidders
POST OFFICE Cost, $——
NEWBERG, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder—H. J. Settergren, 5627 NE 26th Ave., Portland: (1) $36,730; (2) $36,260; (3) $36,740; (4) $38,100.
Complete bids will be given shortly.

Contract Awarded
POST OFFICE Cont. Price, $42,830
BAKER, Oregon.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Hoffman Const. Co., 715 SW Columbia, Portland.

Site Selected.
POST OFFICE Cost, $90,000
MARTINEZ, Contra Costa Co,. Calif. Court and Ward Streets.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

BIDS OPENED
GRAND COULEE, Washington—A G. Rushlight & Co., 407 SE Morrison St., Portland, Oregon, at $3147 (Commercial bills of lading) and $2970 (Government bills of lading) submitted low bid to Bureau of Reclamation, Denver, for furnishing and installing heating system for the garage and fire station building at the Government Camp, Grand Coulee Dam, Columbia Basin Project. Only other bids was submitted by Advance Plumbing & Heating Co., Tacoma, Washington, at (1) $3559 and (2) $3359. Bids held under advisement.

Sub-Contracts Awarded.
POST OFFICE Cont. Price, $55,000
SOUTH PASADENA, Los Angeles Co.
One-story U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept. Washington, D. C.
Contractor—Sarver & Zoss, 1015 West Fourth St., Los Angeles.
Roofing—Massie Roof Co., Pasadena.
Plumbing—Kenneth Fraser Co., Pasadena.
Electric Wiring—Bennett & Taylor, Los Angeles.
Sheet Metal—Emil Brown Co., Los Angeles.
Glass—W. P. Fuller Co., Los Angeles
Hardware — Bennett & Montgomery Co., Los Angeles.

LOW BIDDERS
BALBOA, Canal Zone—Tucker McClure, P. O. Box 5035, Cristobal, Canal Zone, at $757,350 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of administrative building, shops, storage building, barracks building, quarters, nine assembly and storage buildings; surface and subsurface magazines, beacon tower, highway bridge, water tank and tower, distributing systems, roads and

walks at the Naval Ammunition Depot, Balboa, Canal Zone; Spec. No. 7819.

The work includes concrete construction, hollow tile work, steel, iron, bronze and aluminum work roofing, waterproofing, sheet metal work, steel windows, steel and metal covered doors, lathing and plastering, carpentry and joinery, plumbing, electrical work, sprinkler and fire alarm systems, and macadam roads.

Three low bids follow:

Tucker McClure, Cristobal, C. Z., $757,350.

J. A. Jones, Charlotte, North Carolina, $800,000.

R. E. Campbell, Los Angeles, $849,600.

Complete bids will be published shortly.

BIDS WANTED

SACRAMENTO, Cal.—Until October 25, bids will be received by Public Works Branch, Treasury Department, Washington, D. C., for new bulletin board and directional signs for the U. S. Post Office, Sacramento.

CONTRACT AWARDED

POINT ST. GEORGE, Cal.—Electric Appliances, Inc., 401 Sutter St., San Francisco, at $1236 awarded contract by Navy Department, for furnishing and installing an oil burning heating boiler with fuel tank to replace an existing coal fired boiler at the U. S. Naval Direction Finder Station, Point St. George, Crescent City, Calif. Specification No. 8047.

Bid Opening Date Postponed.

PEARL HARBOR, T. H.—Until Nov. 13, (date postponed from Nov. 6) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for the construction of a storehouse, firehouse, garage and boat house at Pearl Harbor, T. H. Spec. 8022. Estimated cost, $77,000.

Complete Bids.

POST OFFICE Cost, $——

NEWBERG, Oregon.

United States Post Office Building.

Owner—United States Government.

Plans by Supervising Architect, Treasury Dept. Washington, D. C.

Low Bidder — H. J. Settergren, 5627 NE 26th Ave., Portland.

Complete bids follow:

H. J. Settergren, Portland	(1)	$36,734
	(2)	36,260
	(3)	36,745
	(4)	33,100
J. H. Anderson, Portland	(1)	39,136
	(2)	38,686
	(3)	.....
	(4)	40,536
Allyn & Powers, Portland	(1)	41,835
	(2)	40,725
	(3)	42,709
	(4)	42,709
MacDonald Constr. Co., St. Louis, Mo.	(1)	41,767
	(2)	41,517
	(3)	41,142
	(4)	43,367
Standard Constr. Co., Tacoma	(1)	44,358
	(2)	44,167
	(3)	44,358
	(4)	45,717
A. F. Mowat, Seattle	(1)	44,700
	(2)	44,550
	(3)	45,150
	(4)	46,500

Bids held under advisement.

LOW BIDDERS

COCO SOLO, Canal Zone — J. A. Jones, Commercial Bank Bldg., Charlotte, North Carolina, at $226,300 submitted low bid to Bureau of Yards & Docks, Navy Department, Washington, D. C., for buildings, roads and services at the Naval Ammunition Depot and Naval Submarine Base, Coco Solo, Canal Zone. Specification No. 7821.

Work involves construction of quarters, one office and inert storehouse, smokeless powder magazines, 6 house shelters, bridge and macadam paving; also concrete construction; hollow tile work, steel, iron, bronze, roofing, waterproofing, sheet metal work, metal windows, pressed steel and metal covered doors, metal lath, plaster work, stucco, marble, slate, tile work carpentry, joinery, metal and wood screens, sewage system, water, plumbing, electrical and telephone systems.

Four low bids follow:

J. A. Jones, Charlotte, North Carolina, $226,300.

Centaur Construction Co., New York, $242,460.

Tucker McClure, Cristobal, Canal Zone, $273,640.

R. E. Campbell, Los Angeles, $295,000.

Bids Opened

OAKLAND, Ala. Co., Calif.—Nick Hemminga, 627 38th Ave., San Francisco, and Fred J. Early, 369 Pine Street, San Francisco, at $135.00, submitted identical bids to Custodian, U. S. Post Office, Oakland, for furnishing and installing wood frame door to connect two offices on the second floor of the new post office building, Oakland. Only other bid was submitted by Bay City Cabinet Company, Oakland, at $151,000. Bids held under advisement.

8— CLUB BUILDINGS

Contract Awarded

ALTERATIONS Cost, $——

PEBBLE BEACH, Monterey Co., Cal

Alterations to country club.

Owner — Monterey Peninsula Country Club, Pebble Beach.

Architect—Robt. Stanton, Carmel and Monterey.

Contractor—M. J. Murphy, Carmel.

Plans Being Prepared.

LODGE BLDG., ETC. Cost, $25,000

DALY CITY, San Mateo Co., Cal. Mission and Hillcrest Drive.

Two-story frame lodge and store building, cement plaster exterior, cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.); lodge rooms, banquet hall and offices on second floor with stores on the ground floor.

Owner—Crocker Lodge, F. & A. M.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Sub Contracts Awarded

ALTERATIONS Cost, $——

PEBBLE BEACH, Monterey Co., Cal.

Alterations to country club.

Owner — Monterey Peninsula Country Club, Pebble Beach.

Architect—Robt. Stanton, Carmel and Monterey.

Contractor—M. J. Murphy, Carmel.

Roofing—C. L. Frost, Monterey.

Plumbing and Heating—Anderson Dougherty and Harges, Carmel.

Tile Work—C. L. Frost, Monterey.

Glass—Thos. French, Monterey.

Electric Wiring—Carl S. Rohr, Carmel.

9— HOSPITALS

Contract Awarded.

ALTERATIONS Cost, $1500

STOCKTON, San Joaquin Co., Calif. No. 1045 N-Lincoln Street.

Alterations to hospital.

Owner—Dameron Hospital, Prem.

Architect—Not Given.

Contractor—O. H. Chain, 41 South Sutter St., Stockton.

Mill Contract Awarded.

AUDITORIUM Cont. Price, $17,972

OAKLAND, Alameda Co., Cal. Lincoln and Perkins Streets.

One-story frame and stucco auditorium (Colonial style).

Owner—West Oakland Home

Architect—W. G. Corlett, Bank of America Bldg., Oakland.

Contractor—F. C. Stolte, [illegible] Lakeside Ave., Oakland.

Mill Work California Mill & Lumber Co., 1829 Webster St., Alameda.

As previously reported, roofing contract awarded to Western Roofing Co., 1250 24th St., Oakland; steel sash to Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco; plumbing and heating to Max Finzel, 1019 Brookdale St., Oakland; electric to Electric Motor Co., 2807 Telegraph Ave., Oakland.

BIDS WANTED

MERCED, Calif.—Until October 22, 11 a. m., bids will be received by F. J. Thornton, Clerk, Merced County Board of Supervisors for construction of additions to male and female help quarters, addition to kitchen of the tubercular ward and remodeling in the detention ward at the Merced General Hospital and for re-roofing of Merced Veterans Memorial building, Merced.

Plans and specifications may be obtained from W. E. Bedesen, County Surveyor, Merced, upon deposit of $5.00.

Plans Being Completed.

WARD BLDG. Cost, $161,335

Medical Lake, Wash.

Three-story concrete and brick ward building.

Owner—State of Washington.

Architect—Rigg & Vantyne, Peyton Bldg., Spokane, Wash.

The project has been approved by the PWA.

Bids will be asked shortly.

Plans Being Prepared.

ADDITION Cost, $180,600

FORT STEILACOOM, Washington.

Three-story concrete and brick male ward addition to hospital (to house 200 patients).

Owner—State of Washington.

Architect—Heath, Grove & Bell, Puget Sound Bank Bldg., Tacoma, Wash. and Mock & Morrison, Perkins Bldg., Tacoma.

Funds Allotted.

WARD BLDG. Cost, $336,000

SEDRO-WOOLLEY, Washington.

Two-story fireproof ward building (concrete exterior walls, tile interior partitions); diet kitchen, utility room, medicine room, four strong rooms, 4 private room, wards, doctors' office, hydrotherapy, dry and steam heating rooms, massage pool, etc.

Owner—State of Washington.

Architect—James A. Taylor & James E. Blackwell, Arcade Bldg., Seattle, Wash.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $——

SAN FRANCISCO. No. 1534 Sutter Street.

Improvements to girls' boarding house (work involves interior work, new plumbing, new wiring, painting and decorating, etc.)

Owner—Girls' Friendly Society Lodge.

Architect—Not Given.

Contractor — Frank S. Marshall, 799 Ashbury St., San Francisco.

(8101) 10

PREPARING PLANS

WEST HOLLYWOOD, Cal.—Gilbert S. Underwood & Co., Gilbert Stanley Underwood, architect, 1400-04 Continental Bldg., are preparing working drawings for a 5-story Class A concrete apartment-hotel and a group of

studio apartments, shops and bungalows to be built on a site to be known as "Boardman Center," extending from Sunset Blvd. to Fountain Ave., at $440 Sunset Blvd., West Hollywood for Queen Walker Boardman. Cost estimated at $1,000,000. Bids will be asked about January 1, 1936.

10

11—ICE & COLD STORAGE PLANTS

Planned.
STORAGE PLANT Cost, $50,000
SEBASTOPOL, Sonoma Co., Cal.
Refrigeration terminal and apple storage plant.
Owner — Sebastopol Apple Growers' Union (E. C. Merritt, Gen. Mgr.) Sebastopol.
Architect—Not Given.
Further details will be announced at a later date.

12— POWER PLANTS

October 10, 1935

BOND ELECTION PLANNED

LAS VEGAS, Nev.—The Las Vegas board of city commissioners has adopted a resolutin of intention to call a bond election to vote on an issue of $250,000 4 percent general obligation bonds to finance the acquisition or construction of a municipally-owned electric power and distribution system, including a line from Boulder Dam. The cost of the proposed plant is $206,000 and the valuation of the existing plant of the Southern Nevada Power Co. is $148,196.85. The estimates were prepared by Barry Dibble, consulting electrical engineer. The board will meet at 7 p. m., Nov. 4, to consider the ordinance calling the election. L. L. Arnett, mayor; Viola Burns, city clerk

12

October 10, 1935

BIDS WANTED

COLORADO RIVER AQUEDUCT, Colo.—Until Nov. 19, 10 a. m., bids will be received by the Metropolitan Water District of Southern California, 306 W. Third St., Los Angeles, for constructing the Intake and Gene pumping plant buildings and appurtenant works of the Colorado River Aqueduct. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations. Cement, reinforcing steel and certain other materials will be furnished by the District. Each proposal must be accompanied by a certified or cashier's check for $150,000, payable to the Metropolitan Water District of Southern California. Bidding data may be obtained from the District upon payment of $5, not to be refunded.

12

Plans Being Completed—Contract Awarded.
TOWER PLANT Cost, $1,800,000
RICHMOND, Contra Costa Co., Calif (Richmond Refinery).
New steam power plant.
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Stone & Webster, 120 Broadway, New York City.
Construction will start in the near future.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

October 4, 1935

Bids Opened
PENT HOUSE Cost, $——
SAN FRANCISCO, Jones and McAllister Streets.
Penthouse restroom (1 room and buffet on Hibernia Bank Bldg.
Owner—Hibernia Savings & Loan Society, Premises.
Architect—Arthur Brown, Jr., 251 Kearny Street.
Low Bidder — Dinwiddie Const. Co. Crocker Building.
Complete bids follow:

Dinwiddie Const. Co.	$ 9,500
Monson Brothers	9,540
M. E. Vukicevich	9,575
Jacks & Irvine	9,981
Chas. Stockholm	10,147
G. P. W. Jensen	10,630
Barrett & Hilp	10,696

Bids held under advisement.

BIDS WANTED

OAKLAND, Ala. Co., Calif.—Until October 14, 8 P.M., bids will be received by John B. Kaiser, Secretary, Board of Library Directors, Oakland, for furnishing and installing new furnace and new blower and motor to be operated in connection with furnace in the Alden Branch of the Oakland Free Library, 52nd and Telegraph Avenue, Oakland. Specifications may be obtained from above office.

Contract Awarded

SAN FRANCISCO, Calif.—Westinghouse Electric Elevator Co., 1 Montgomery Street, at $546.35 awarded contract by Department of Public Works for repairs to elevators at the Hall of Justice.

Plans Completed.
CITY HALL & FIRE HOUSE $15,000
CORNING, Tehama Co., Calif.
Two-story concrete building to house city offices and fire house; 1st floor concrete; 2nd, linoleum over wood; steel sash, steam heating plant, composition roofing.
Owner—City of Corning.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Upon approval of plans by the State Division of Architecture bids will be asked.

Funds Allotted.
MEMORIAL BLDG. Cost, $25,000
TUOLUMNE, Tuolumne Co., Cal.
One-story brick and concrete memorial building (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Bids will be asked shortly.

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Calif.—Roofing Service and Supply Company, 21 Redhill Ave., San Anselmo, at $1,170 awarded contract by City Council for roofing the San Rafael Municipal Baths building and City Hall in San Rafael.
Complete bids follow:
(1) Municipal Baths;
(2) City Hall;
(3) Total.

Roofing Service & Supply Co., San Anselmo	(1)	$ 975.50
	(2)	195.00
	(3)	1,170.90
Marin County Roofing Co., Larkspur	(1)	1,106.00
	(2)	222.00
	(3)	1,328.00
Booth & Little, Larkspur	(1)	1,221.58
	(3)	1,450.08
	(3)	1,450.08
C. L. Frost, Palo Alto	(1)	1,294.00
	(2)	284.00
	(3)	1,564.00

BIDS OPENED

SAN FRANCISCO, Calif.—D. N. & E. Walter Company, 562 Mission St., at $164 submitted low bid to Department of Public Works, for furnishing and hanging monks cloth when alterations are made, matching present installation in the Art Museum, Fourth Floor, Veterans' Building, Van Ness Avenue and McAllister Street. Only other bid was submitted by Hobby Roller Bearing Stage Equipment Company, at $196. Bids held under advisement.

BOND ELECTION

RENO, Nev.—Washoe County voters will vote on December 7, on a proposal to issue bonds in the amount of $285,000, proceeds to finance construction of alterations to the courthouse in Reno, Nev. Preliminary plans prepared by Architect F. J. Delong-champs, Gazette Bldg., Reno.

14— RESIDENCES

Plans Being Figured
RESIDENCE Cost, $8,000
SAN FRANCISCO, Seacliff.
Two-story residence (7 rooms and 2 baths) colored tile baths and plumbing fixtures, hardwood floors wood sash, elevator, gas fired steam heat, composition and shingle roof.
Owner—Withheld.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 5116 Cochran Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—J. A. Strand, Jr., 30 Uplands Drive, Oakland.
Architect—C. H. Treichel, 696 Cleveland Ave., Oakland.
Contractor—P. C. Tariel, 4621 Fleming Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. N Ulloa St. W Sixteenth Avenue.
One-story and basement frame and stucco residence.
Owner — Martin Smith, 545 Guerrero St., San Francsico.
Architect—Not Given.

To Be Done By Day's Work.
KESIDENCE Cost, $5000
SAN FRANCISCO. W Sixteenth Ave. N Pacheco St.
One-story and basement frame and stucco residence.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,100
BERKELEY, Alameda Co., Cal. La Loma Park and Wheeler Tract.
Two-story frame and stucco residence (9 rooms).
Owner — David and Marian Weeks, 1504 LeRoy Ave., Berkeley.
Architect—John B. Anthony, 1191 Oxford St., Berkeley.
Contractor—Walter L. Brodrick, 640 Arlington Ave., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif., St. Francis Wood.
Two-story frame and stucco residence (7 rooms, 2 baths).
terra cotta tile roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Bids will be asked in about two weeks.

Sub-Contracts Awarded.
RESIDENCE Cost, $10,453.38
HILLSBOROUGH, San Mateo Co., Cal. Santa Inez Avenue.
One and one-half-story frame and

stucco residence (7 rooms and 3 tile baths) hardwood floors, hot air heating, wood sash, shake roof
Owner—Henry Levy, 505 Burlingame Ave., San Mateo.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post Street, San Francisco.
Contractor — Lengfeld & Olund, Ltd., 220 Third Ave., San Mateo.
Plumbing—E. Sugarman, 3624 Geary St., San Francisco.
Brick and Stone Work—Chas. Ohran, Burlingame.
Mill Work — Pacific Mfg. Co., Santa Clara.
Lumber — San Mateo Planing Mill, San Mateo.
Hardware—Levy Bros., San Mato.
Painting—A. Petterson, San Mateo.
Plastering—Frank Russell, San Mateo

To Be Done By Day's Work.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 777 Euclid Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—A. E. Gould, 1665 Thousand Oaks Blvd., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $6500
WALNUT CREEK, Contra Costa Co.
One-story California - Colonial Type residence.
Owner—J. R. Larrieu.
Architect—J. K. Ballantine, 37 Harlan Place, San Francisco.
Contractor—Geo. Windsor, 928 Kingston Ave., Piedmont.
Tile Roof—Gladding McBean Co., 660 Market St., San Francisco.
Rough Lumber—Diamond Match Co., Chico.
Mill Work—Atkinson Mill & Lumber Co., 2985 Chapman St., Oakland.
Heating—Aladdin Heating Corp., 5107 Broadway, Oakland.
Plumbing — J. R. Pierce, 1847 73rd Ave., Oakland.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN MATEO, San Mateo Co., Calif. Seville Way.
Two one-story and basement frame and stucco residences.
Owner—Wm. B. Behan.
Architect—Not Given.
Contractor—Roy Allen, Skyline Blvd., Woodside.

Contract Awarded.
ALTERATIONS Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 480 E. Cleveland Street.
Alterations to residence.
Owner—Jack Milne, Premises.
Architect—Not Given.
Contractor — Frank Guyon, 1211 E. Main St., Stockton.

Contract Awarded.
RESIDENCE Cost, $7000
STOCKTON, San Joaquin Co., Calif. No. 101-105 E. Wyandotte St.
One-story brick veneer duplex residence.
Owner—Pete Calori.
Architect—Not Given.
Contractor—W. T. McCarty, 529 E. Clay St., Stockton.

Plans Being Figured
RESIDENCE Cost, $6,000
OAKLAND, Ala. Co., Calif., Boulevard Way.
Two-story frame residence (California-Colonial style), (6 rooms, 2 baths) shake roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—E. L. Snyder, 211 Shattuck Ave., Berkeley.

Plans Being Prepared
RESIDENCES Cost $6,000 ea
OAKLAND, Calif.—Boulevard Way.
Two two-story frame residences (6 rooms, 2 baths) California-Colonial style; shake roof, gas heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Name withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Cal. No. 5133 Masonic Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Freda Sweet, 3932 Harrison St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Twenty-eighth Ave. S Ulla Street.
One-story and basement frame and stucco residence.
Owner and Builder—N. W. Anderson, 2427 24th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 1585 Emory Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Elmer Cooksey, 81 W. Santa Clara St., San Jose.
Architect—Not Given.
Contractor—William H. O'Neil, 1450 Emory St., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. No. 238 Howard Street.
Residence.
Owner — W. G. Scott, 981 Crystal Springs Road, San Mateo.
Architect—Not Given.
Contractor — Lengfeld & Olund, 220 Third Ave., San Mateo.
Plumbing—E. C. Cottler, San Mateo.
Electric Wiring — San Mateo County Electric Co., San Mateo.
Tile Work—Art Tile & Mantel Co., 221 Oak St., San Francisco.
Brick and Stone Work—Chas. Ohran & Sons, Burlingame.
Mill Work — Pacific Mfg. Co., Santa Clara.
Lumber—San Mateo Planing Mill Co., San Mateo.
Painting—A. Petterson, San Mateo.
Plastering—S. Erickson, San Mateo.
Plans Being Completed.
RESIDENCE Cost, $4300
OAKLAND, Alameda Co., Cal. Chabot Drive.
Two-story and basement frame and stucco residence and garage; hardwood floors, gas heating system.
Owner—Mrs. C. Ringen.
Architect—Earl R. MacDonald, 3812 Broadway, Oakland.
Bids will be asked shortly.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Cal. No. 728 N. Third Street.
One-story and basement frame and stucco residence (6 rooms).
Owner — Miss F. A. Redlker, 1245 Singletary Ave., San Jose.
Architect—Not Given.
Contractor—Gibson & Wheeler Co., 19 N. Second St., San Jose.

Contract Awarded.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., No. 1199 Park Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—G. E. Shrader, 1179 Park Ave. San Jose.
Architect—Not Given
Contractor—R. H. Painter, 21 N Second St., San Jose.

Contract Awarded.
RESIDENCE Cost, $5000
RICHMOND, Contra Costa Co., Cal. Thirtieth St., met. Roosevelt and Grant Streets.
Two-story frame and stucco residence (5 rooms).
Owner—A. Hickok, 233 14th St., Richmond.
Architect—Not Given.
Contractor—N. E. Anderson, 3000 Barrett Ave., Richmond.

Contract Awarded
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 123 Island Drive.
One - story and basement frame and stucco residence.
Owner—Carl W. Johnson, 738 Guinda St., Palo Alto.
Architect—Leslie I. Nichols, 529 Guinda St., Palo Alto.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto

Plans Being Figured.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo County.
Two-story frame residence.
Owner—Mr. Danford.
Architect—Clarence Tantau, 210 Post St., San Francisco.

To Ask Bids Within Few Days.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County Calif. W. Santa Inez Way.
Two - story and basement residence (9 rooms, 3 tile baths) shingle roof gas hot air heating system, etc.
Owner—Mr. Knapp.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanagh, 432 Occidental Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $9,000
SALINAS, Monterey Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) shake roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Chas. Butner.
Architect—Chas. Butner, 51 Maple St Salinas.
Contractor—Sam Trondhjem, 45 Gell St., Salinas.

Contract Awarded.
RESIDENCE Cost, $6000
SACRAMENTO, Sacramento Co., Cal. 1323 41st Street.
One-story and basement frame and stucco residence.
Owner—H. Hayes.
Architect—Not Given.
Contractor—J. Johnson & Son., 1923 17th St., Sacramento.

Contract Awarded
RESIDENCE Cost, $3,000
LOS ALTOS, Santa Clara Co., Calif.
One-story concrete block residence (3 rooms).
Owner—Mrs. Hazel Messersmith, Los Altos.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Nell Darrah, 570 Church St., Mountain View.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO, Calif., W 24th Ave., 50 ft. S. Moraga.
One-story and basement frame and stucco residence.
Owner—Frank J. Shannon, 100 Putnam Street.
Architect and builder—not given.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 3234 E-16th Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—T. Keane, 1527 33rd Avenue, Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3174 McKillo Road, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2950 75th Avenue.
One - story frame and stucco residence (five rooms).
Owner & Builder—Falke Wallin, 2150 50th Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. N. Gilman 25 W. Jennings Street.
One - story and basement frame and stucco residence.
Owner—Milton Allione, 942 Ingerson.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 3155 Wisconsin Street.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder — O. H. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 4077 Oakmore Road.
Two-story frame and stucco residence (six rooms).
Owner and Builder—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
MILLBRAE, San Mateo Co., Calif. Violet Avenue.
One-story and basement frame and stucco residence.
Owner—Niels Schultz, 1456 Alvarado Ave., Burlingame.
Architect—Not Given.
Contractor — Schultz Constr. Co., 1 Hillcrest Blvd., Millbrae.

Bids Opened.
COTTAGE Cost, $15,000
SANTA ROSA, Sonoma Co., Calif.
Six-room cottage, wood frame, shingle roof, hardwood floors, gas heating system, etc.
Owner—Mrs. John Maroni.
Architect — J. I. Easterly, Exchange Bldg., Santa Rosa.
Low Bidder—Wm. Rapp, 1413 17th St. Santa Rosa.
Complete bids follow:
William Rapp $6,390
B. Peterson 6,567
C. W. Hansen 6,656
All of Santa Rosa.
Bids held under advisement.

Contract Awarded
RESIDENCE Cost, $6,500
SACRAMENTO, Sacramento Co., Cal. 2540 Land Drive Park.
Two-story frame and stucco residence
Owner—Terrace Mulligan, 2413 Thirtieth St., Sacramento.
Architect—Not Given.
Contractor—A. Fisher, 800 35th St., Sacramento.

Contract Awarded
ALTERATIONS Cost, $3,600
STOCKTON, San Joaquin Co., Calif. 127 E. Charter Way.
Alterations to residence.
Owner—J. W. Myer, premises.
Architect—Not Given.
Contractor—C. C. Russell, 1637 West Lane St., Stockton.

Low Bidders.
RESIDENCE Cost, $——
RICHMOND, Contra Costa Co., Calif. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double gargae, shingle roof, gas heating system, tile sash, hardwood floors, tile baths.
Owner—Albert S. Adock.
Architect—J. H. Thomas, 31 Norwood Avenue, Berkeley.
Low Bidder—George Tandy, 673 38th St., Richmond.

Preparing Sketches
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif., St. Francis Wood.
Two-story frame and stucco residence (7 rooms, 2 baths).
terra cotta tile roof, wood sash, gas heatig system, hardwood flrs., tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO, Calif., W. Pinehurst, 170 ft. N Kenwood.
Two-story frame residence.
Owner—N. E. Johnsen, 666 Mission St.
Architect and Builder—not given.

Contract Awarded
RESIDENCE Cost, $4,500
SAN FRANCISCO, Calif., E. Market Street, 31 ft. N. Morgan St.
One-story and basement frame and stucco residence.
Owner—Mrs. Ruth Pelsinger, 700 Steiner Street.
Architect—Not given.
Contractor—Robert F. Galway, 2071 Sutter Street.

To Be Done By Day's Work.
RESIDENCE Cost, $8,000
PALO ALTO, Santa Clara Co., Calif. 2321 South Court Street.
Two-story frame and stucco residence
Owner and Builder — V. L. Stewart, 2321 S. Court St., Palo Alto.
Architect—Not Given.

Being Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Broadway Terrace.
Two-story and basement frame and stucco residence (6 rooms and 2 baths) shake roof, gas hot air heating system, hardwood floors, tile baths and steel sash).
Owner—H. Roswell.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Foundations are now being put in.

Plans Being Figured—Bids Close Oct. 17, 2:00 P. M.
ALTERATIONS Cost, ——
SAN FRANCISCO. No. 2980 Vallejo Street.
Alterations to residence.
Owner— Martin Stelling, 155 Montgomery St., San Francisco.
Architect—Erle B. Betz, 681 Market St., San Francisco.
A. F. Mattock Co., 212 Clara Street, is figuring the plans and desires subbids on all portions of the work.

Sub-Contracts Awarded.
RESIDENCES Cost, $3300 each
PALO ALTO, Santa Clara Co., Cal. 530, 532, 538, 540 Hawthorne Ave.
Four one-story stucco residences and garages.
Owner—J. B. Stevens, 2120 Tasso St., Palo Alto.
Architect—Not Given.
Contractor—Aro & Akerman, Box 433, Palo Alto.
Roofing—Peninsula Roofing Co., Mt. View.
Plumbing—Grant Winner, Palo Alto.
Electric Wiring—M. E. Ryan, Redwood City.
Heating and Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Furnace — Pacific Heating Co., 1451 Stevenson St., San Francisco.
Tile Work—Bloomquist Tile Co., Redwood City.
Concrete—Urben Bros., Palo Alto.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Glass—Acme Glass Co., Palo Alto.
Painting—A. R. North, Palo Alto.
Lathing and Plastering—E. Gardner, Palo Alto.
Finish Material—Minton Lumber Co., Mt. View.
Grading—Nils Johnson, Palo Alto.
Foundation — J. Emma and Bivonla Co., Palo Alto.
Brick and Stone Work—C. Mezzapelle Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 2007 Los Angeles Street.
Two-story frame and stucco residence (7 rooms).
Owner—C. G. Hayes, 9 Fresno Street, Berkeley.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Oakland.
Contractor—George Garcia, 1656 Ocean View, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 915 Mandana Blvd.
One-story frame and stucco residence (5 rooms).
Owner & Builder—W. E. Whalln, 211 Hanover Ave., Oakland.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $1,500
PIEDMONT, Ala. Co., Calif., 1236 Ashmont.
Alterations to residence.
Owner—Dr. W. H. Strietmann, 1236 Ashmont, Piedmont.
Architect—Newson Bros., Russ Bldg., San Francisco.
Contractor — George J. Maurer, 50 York Drive, Piedmont.

Sub Contracts Awarded
RESIDENCE Cost, $8000
ORINDA, Contra Costa, Co., Cal.
One-story and basement frame and stucco residence (7 rooms and 2 baths), some basalite work; tile roof, oil burning heating system, steel sash, hardwood floors, etc.
Owner—W. C. Corbett.
Architect — Williams & Wastell., 374 17th St., Oakland.
Contractor—Harry Kane, 921 Ramona St., Albany.
Plumbing & Heating—L. J. Kruse Co. 6247 College Ave., Oakland.
Brick Work—Earl Morgan, 1712 79th Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $3000
ALAMEDA, Alameda Co., Cal. No. 1245 Sherman Street.
One-story frame residence (4 rooms) shingled exterior.
Owner — Mrs. J. L. Rosenfield, 1247 Sherman St., Alameda.
Architect—Not Given.
Contractor—Conrad Roth, 2100 Central Ave., Alameda.

Plans Being Figured.
RESIDENCES Cost, $——
AVENAL, Kings Co., Calif.
Two one-story frame and stucco residences (6 rooms each) com-

position shingle roofs, hardwood floors, etc.
Owner — Capital Co., 025 Market St., San Francisco.
Plans by Constr. Dept. of Owner.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Judah St. 107 E 23rd Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, 320 Judah Street, San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $4500
ALAMEDA, Alameda Co., Cal. No. 1315 Clinton Avenue.
Alterations and additions to residence (change roof, add bedrooms, porch etc.)
Owner—Rose Haslett, 535 Geary St., San Francisco.
Architect—Not Given.
Contractor—V. N. Strang, 1521 9th St., Alameda.

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif. SE Sutter & Lyon Streets.
Alterations to residence.
Owner—St. Cyprian's Mission, premises.
Arnold Constable, 580 Market Street.
E. J. Lehman, 782 Elizabeth St.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Kirkham St. E 33rd Avenue.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, Inc., 320 Judah St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Seventeenth Ave. N Ortega Street.
One-story and basement frame and stucco residence.
Owner and Builder — Henry Doelger Inc., 320 Judah St., San Francisco.
Architect—Not Given.

15— SCHOOLS

Preliminary Plans Completed.
SCHOOL Cost, $42,000
LOS BANOS, Merced Co., Cal.
Reinforced concrete school.
Owner—Los Banos School District.
Architect—E. J. Kump, Rowell Bldg. Fresno.
Application filed with the PWA for a grant of $18,900.

Sub Contracts Awarded
ADDITION Contract Price, $15,080
ROSEVILLE, Placer Co., Calif. Atlantic Street.
Addition to school building (add two classrooms and lunch room) Atlantic Street School (brick construction, composition roofing, extension of present steam heating system, wood floors, etc.)
Owner — Roseville Elementary School District (Pete Priest, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner, 1116 O St., Sacramento.
Roofing — F. A. Clark, Fruitridge, Sacramento.
Plumbing—M. R. Carpener, 907 Front St., Sacramento.
Electric Wiring—W. J. Harris, Roseville.
Heating—Luppen & Hawley, 3126 J St., Sacramento.
Sheet Metal—Park Sheet Metal Wks., 2562 Sacramento Blvd., Sacramento.
Reinforced Steel — W. Weaver, 2517 1st Ave., Sacramento.
Glass—Sterling Lumber Co., Roseville.
Lumber—Sterling Lumber Co., Roseville.
Brick—H. Redmond, 2414 11 Street, Sacramento.

Contract Awarded—Sub Bids Wanted
RESIDENCE Cost, $6,000
MILL VALLEY, Marin Co., Calif.
One-story and basement frame and stucco residence (5 rooms) shingle roof, stucco and rustic exterior, wood sash, forced heating system, hardwood floors, tile bath, etc.
Owner—Marian Pancrazy.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor—Fred. K. Dulmy, 110 Sutter St., San Francisco.

Plans Being Prepared
ADDITION Cost, $——
BERKELEY, Ala. Co., Calif.—Campus of University of California.
One-story annex to Architectural library building. (Reinf. concrete construction.)
Owner—University of California.
Architect—Walter Steilberg, Stafford Jory, Warren C. Perry and W. G. Corlett.

Plans Being Completed
SCHOOL Cost, $42,000
SEBASTOPOL, Sonoma County, Calif.
One-story frame and stucco grammar school (11 classrooms).
Owner—Sebastopol Elementary School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

Plans Being Completed
SCHOOL Cost, $16,500
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (2 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.

BOND ELECTION
LOS GATOS, Santa Clara Co., Calif. —Los Gates Union High School District will vote on November 1, on a proposal to issue bonds in the amount of $60,000, proceeds to finance construction of an addition to the High School in Los Gatos. Preliminary plans prepared by Architects W. H. Weeks, 525 Market St., San Francisco.

BOND ELECTION
CLARKSBURG, Yolo Co., Calif.—Clarksburg Union High School District will vote on October 28, on a proposal to issue bonds in the amount of $18,000, proceeds to finance construction of an addition at the High School, Clarksburg. Preliminary plans prepared by Architect Harry Devine, Cronan Bldg., Sacramento.

Plans Being Completed
PHYSICAL ED. BLDG Cost, $351,000
EUGENE, Oregon.
Three-story physical education bldg. (administrative offices, assembly room and classrooms, basketball courts, handball courts, rooms for boxing, wrestling, etc.)
Owner—University of Oregon.
Architect—Lawrence, Holford and Allyn, Farling Bldg., Portland, Ore. Plans will be completed about Oct. 28th.

BOND ELECTION
NAPA, Calif. — Mt. George Union Elementary School District will vote on Nov. 4, on a proposal to issue bonds in the amount of $11,000, proceeds to finance construction of a one-story reinforced concrete elementary school building to contain 2 classrooms and auditorium to seat 200. Preliminary plans prepared by Architect W. E. Coffman, Forum Building, Sacramento. Allotment of $25,454 approved by PWA.

Preliminary Plans Completed.
SCHOOL Cost, $32,908
MENDOTA, Fresno Co., Cal.
One-story frame and stucco school building.
Owner—Mendota Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Application file with the PWA for a grant of $14,808.

Preliminary Plans Completed.
SCHOOL Cost, $43,047
HANFORD, Kings Co., Cal.
One-story reinforced concrete elementary school building.
Owner—Hanford Elementary School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Application filed with the PWA for a grant of $19,371.

PLANS COMPLETED
TEMPE, Ariz. — Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, have completed plans and specifications for a new dormitory for women to be built in Tempe for the Arizona State Teachers' College, a PWA project. Bids will propobaly be called for within two weeks. It will be a 2-story, Class A structure, containing 50 rooms, with a frontage of 200 feet and two wings, each 35x125 ft. in area; pressed brick facing, composition roof, metal lath and plaster partitions, cement floors with rubber tile and linoleum covering, steam heat art stone trim, fire escapes, tile work, etc. Cost. $125,000.

Plans Being Completed.
CHEMISTRY BLDG. Cost, $1,200,000
SEATTLE, Wash. Campus of University of Washington.
Three- and four-story reinforced concrete chemistry building (exterior walls faced with brick, cast stone or terra cotta trim, flat roofs, quarry tile or terrazzo floors, linoleum in classrooms, elevator, direct radiation heating system etc.)
Owner—State of Washington.
Architect — F. A. Naramore, Central Building, and Clyde Grainger and Donald Thomas, Arcade Building, Seattle.
Supervising Architects—Bebb & Gould Hoge Bldg., Seattle.
Division of costs follow:
General, $597,500; heating, $55,000; plumbing, $45,000; electric, $45,000; contingencies, $6500; elevator and dumb waiter, $5000; equipment, $100,000; ventilating, $55,000; thermostatic control, $23,000; refrigeration, $6,000; vacuum cleaning system, $4500; special laboratory plbg., $65,000; fume exhaust system, $64,000; telephone and signal system, $6000; special electric system, $31,000; lighting fixtures, $13,000; transformers and electric service, $10,000; engineering and architectural expense, $60,800; administrative expense, $7200; misc., $500; labor cost, $345,546; materials, supplies and equipment, $782,529.
PWA grant approved.

Contract Awarded.
RESIDENCE Cost, $12,250
PALO ALTO, Santa Clara Co., Cal. No. 1340 Hamilton Avenue.
Two-story frame and stucco residence.
Owner—Morton Bailey.
Architect—Leslie Nichols, 529 Guinda St., Palo Alto.
Contracter—E. J. Schmaling, 863 Melville Ave., Palo Alto.

CONTRACT AWARDED

WEST LOS ANGELES, Calif.—Schuck Const. Co., 1937 W. 62nd St., awarded contract for two-story reinforced concrete addition to a school building at 10,643 Sunset Blvd., West Los Angeles, for Marymount School. Ross Montgomery and Wm. Mullay, 3828 Amesbury Road, architects.

Contracts Awarded.

COMPLETE SCHOOL Cost, $——
CONCORD, Contra Costa Co., Calif.
Complete reinforced concrete academic unit at high school (ten classrooms).
Owner—Mt. Diablo Union High School District (Nina E. Bancroft, clerk)
Architect—W. H. Weeks, 525 Market St., San Francisco.
Carpentry — John Hansen. Concord, $950.
Painting and Tinting—J. J. Burdon, 587 Athol Ave., Oakland, $1718.
Plastering—M. J. King, 231 Franklin St., San Francisco, $4843.
Tile Work—Donlon-Fratessa, 24 12th St., San Francisco.
Blackboards—Fred Turner, 557 Market St., San Francisco, $615.
Finish Hardware — Marshall - Newell Supply Co., Spear and Mission Sts., S. F., $706.20.
Weissteel Partitions (Installed) — G. Holmes.
Brick work and linoleum bids rejected.

Grant Approved

SHOP Cost, $18,000
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building (128x 70 feet) will contain woodwork shop, 57x38 ft., rooms for painting finishing, metal work, mechanical drawing, printing, classwork and storage.
Owner—Fort Bragg Union High Sch'l District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
A grant of $8,000 has been approved by the PWA. Bids will be asked shortly.

Preliminary Plans Completed.

GYMNASIUM Cost, $40,000
EASTON, Fresno Co., Calif.
One-story reinforced concrete gymnasium.
Owner — Washington Union High School District.
Architect — W. D. Coates, Rowell Bldg., Fresno.
Application filed with the PWA for a grant of $18,000.
An election is being held today, Oct. 8, to vote bonds in the amount of $25,000.

Preliminary Plans Completed.

JUNIOR COLLEGE Cost, $100,000
REEDLEY, Fresno Co., Cal.....
New Junior College.
Owner — Reedley Joint Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Application filed with the PWA for a grant of $45,000.

Bonds Voted — Preparing Working Drawings.

SCHOOL Cost, $100,000
GRASS VALLEY, Nevada Co., Calif.
One-story reinforced concrete school building.
Owner — Grass Valley Junior High School District.
Owner—Fred Reimers, 233 Post St., San Francisco.
Plans will be completed in about thirty days.

Preliminary Plans Completed.

SCHOOL Cost, $27,250
WOODLAKE, Tulare Co., Calif.
One-story frame and stucco school building.
Owner—Woodlake School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Application filed with the PWA for a grant of $12,262.

Preparing Working Drawings

GYMNASIUM Cost, $40,000
RED BLUFF, Tehama Co., Cal.
One-story frame and stucco gymnasium.
Owner—Red Bluff Union High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Completed plans will be submitted to the PWA for approval on October 30th.

BOND ELECTION

CHICO, Butte Co., Calif.—Chico Elementary School District will vote on November 1st, on a proposal to issue bonds in the amount of $48,000, proceeds to finance construction of a one-story concrete elementary school building in Chico.
Preliminary plans prepared by Architect Chester Cole, 4418 Second St., Chico.

BOND ELECTION

CHICO, Butte Co., Calif. — Chico High School District will vote on Nov. 1st, on a proposal to issue bonds in the amount of $40,000, proceeds to finance construction of a one-story reinforced concrete gymnasium at the Chico High School. Preliminary plans prepared by Architect Chester Cole, Chico.

SEEK FUNDS

TUCSON, Ariz.—University of Arizona is attemting to obtain a PWA loan and grant of $650,000 to finance the construction of eight dormitory buildings at the college in Tucson. The application was submitted before the dead-line on this class of federal aid, and on the basis of a 45 percent grant and 55 percent loan. This would be additional to the building program now under way on the site, for which the PWA last year approved an $815,000 loan and grant. Roy Place, Tucson, architect.

BOND ELECTION

TONOPAH, Nev. — School District No. 20 Nye County, Nev., will hold an election October 19 at which time it is proposed to vote bonds in the sum of $10,000 for financing the purchase and installation of a new heating plant in the Tonopah high school. Geo. W. Manington, chairman the board of trustees.

BIDS WANTED

PASADENA, Los Angeles Co., Cal.—Until October 29, 11 a. m., bids will be received by Pasadena board of education for the construction of the Thomas Jefferson elementary school. The school will consist of an assembly building, cafeteria, six classrooms and kindergarten. Plans may be obtained at 320 E. Walnut St., Pasadena, upon deposit of $25. Marston & Maybury, 25 S. Euclid Ave., Pasadena, architects. Cost, $110,000

BIDS WANTED

LONG BEACH, Calif.—Until October 21, 4 p. m., bids will be received by Long Beach board of education for construction of Units 1 and 2 at the Longfellow elementary school. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. Harold E. Burket, Jergins Trust Building, Long Beach, architect. Cost; $83,000.

Plans Being Prepared

GYMNASIUM Cost, $145,000
SAN FRANCISCO, Frederick and Willard Streets.
One-story steel frame, brick and terra cotta gymnasium. (Polytechnic High School.) (Concrete side walls and floors, etc.) locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer—H. C. Vensano, 251 Kearny Street.
Bids will be asked about December 1st.

Plans Being Completed

MACHINE SHOP Cost, $219,584
SAN FRANCISCO:
Three-story reinforced concrete machine shop building at George Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pflueger, 580 Market St., San Francisco.
Bids will be asked about Nov. 1, 1935.

ARCHITECTS COMMISSIONED

LOS ANGELES, Cal.—Los Angeles Board of Education has commissioned architects to prepare plans for the following schools:

Architect M. L. Barker and G. L. Ott, 346½ S. La Brea Ave., Los Angeles. Physical Education Building at Dana Junior High School. Est. cost, $32,000.

Architect Douglas H. McLelland and Allen McGill, Architects' Bldg., Los Angeles. Physical Education Building at Horace Mann Jr. High School. Estimated cost, $51,000.

Architects John C. Austin and F. M. Ashley, Chamber of Commerce Bldg., Los Angeles. Physical Education Bldg., Mt. Vernon Junior High School. Est. cost, $51,000.

Architect Edwin L. Bruner, Ferguson Bldg., Los Angeles. Physical Education Bldg., Stevenson Junior High School. Est. cost, $51,000.

Architects Allison & Allison, Edison Bldg., Los Angeles. Classroom Bldg., Van Nuys High School Est. cost, $78,000.

Architect C. F. Skilling, 1008 West Adams Blvd., Los Angeles. Reconstruct Alexandria Ave. School. Est. cost, $60,000.

Architect Clement B. Lewis, 333 W. 6th St., San Pedro and Structural Engineer Murray Erick, 811 W 7th St., Los Angeles. Reconstruct Barton Hill School buildings. Est. cost $82,000.

Architects Train & Cressey, 226 3rd and Hill St. Building, Los Angeles, and Structural Engineer L. J. Waller, 931 Milcheltorena St., Los Angeles. Reconstruct Belvedere School. Estimated cost, $67,000.

Architect Ray J. Kiefer, 5369 Wilshire Blvd., Los Angeles, and Structural Engineer Ryan A. Grut, 1007 S. Grand Ave., Los Angeles. Reconstruct Muir Junior High School Est cost, $21,000.

Architect Edward Cray Taylor and Structural Engineer Ellis W. Taylor, Los Angeles. Reconstruct Tenth St. School. Est. cost, $51,000.

Preliminary Plans Approved

ADDITION Cost, $99,304
SAN FRANCISCO, Calif., 30th Ave. near Lawton St.
Eight classroom additions at the Aptos High School.
Owner—City and County of San Francisco.
Architect—Dodge Riedy, 821 Market Street.

Plans Completed
SHOPS Cost, $233,808
SAN FRANCISCO, Calif., Fillmore St. bet. Bay and Chestnut Sts
Machine shops at the Marina Junior High School
Owner—City and County of San Francisco.
Architect—George Kelham, 315 Montgomery St., and W. P. Day, Financial Center Bldg., and John Bakewell, Jr., 251 Kearny St.
Project approved by the PWA and bids will be asked in the near future.

Plans Completed.
AUDITORIUM Cost, $33,275
SAN FRANCISCO, Calif.
Auditorium at the Daniel Webster St..
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall, San Francisco.

BOND ELECTION
SANTA MONICA, Los Angeles Co., Cal.—Santa Monica board of education has called an election for Nov. 5 (tentative date) at which time it is proposed to vote bonds in the sum of $295,000 as the district's share of the cost of improvements to Santa Monica schools. Application has been made to the government for aid in financing the work, total estimated cost, $1,123,750. Marsh, Smith & Powell are the architects for Madison and high school projects, and John and Donald B. Parkinson are architects for the others.

BIDS WANTED
LOS ANGELES, Cal.—Until Oct. 25, 2 P. M., bids will be received by Los Angeles board of education purchasing bureau, 1425 S. San Pedro Street, for reconstruction, strengthening and rehabilitation of and addition to the boys' and girls' physical education building at the Thos. A. Edison junior high school, 6500 Hooper Avenue. R Walker and P. A. Eisen, 708 Pacific Commerce Bldg., architects, and Murray Erick, 811 W 7th St., structural engineer.

Preparing Working Drawings.
SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms, auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Chas. Butner, 51 Maple St. Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans Being Prepared.
NORMAL SCHOOL GYM, ETC. Cost, $201,600
BELLINGHAM, Washington.
Two-story reinforced concrete normal school addition (gymnasium to contain locker rooms, dressing rooms, shower baths, offices, etc., swimming pool wing; tar & gravel plank roof on steel trusses, brick exterior, cast stone trim, etc.
Owner—State of Washington.
Architect—Bebb & Gould, Hoge Bldg., Seattle, Wash.
Bids will be asked shortly.
Funds have been allotted by the PWA.

BOND ELECTION
SALINAS, Monterey Co., Cal.—Salinas Union High School District will vote October 25 on a proposal to issue bonds in the amount of $146,000 and the Salinas Junior College District will vote on the same date on a proposal to issue bonds in amount of $120,000, proceeds to finance improvements to schools.
Preliminary plans prepared by Architect Chas. Butner, 51 Maple St., Salinas. A grant of $119,250 has been approved by the PWA.

Preparing Working Drawings.
SCHOOL Cost, $15,000
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner — Prunedale Grammar School District
Architect—Chas. Butner, 51 Maple St. Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

BIDS WANTED
LONG BEACH, Cal.—Until Oct. 14, 4 P. M., bids will be received by the Long Beach board of education for construction of the Theodore Roosevelt school. George Kahrs, 1224 Linden Ave., architect, and J. H. Davies, Ocean Center Building, Long Beach, structural engineer. Will be a two-story structure of steel frame construction, plaster exterior walls, composition roofing, cement, maple and lineleum floors, tile toilets, steel toilet partitions, blackboards, steel and wood sash, etc.

CONTRACT AWARDED
LONG BEACH, Cal.—Andy Sordal, 722 Magnolia Ave., Long Beach, was awarded general contract by Long Beach board of education, at $89,252 (using salvaged materials) for the construction of the science and shop building at the Washington junior high school. Other contracts awarded were: Coast Electrical Co., 2350 Cedar Ave., Long Beach, electric wiring, at $8359; Hickman Bros., 910 E. Anaheim St., Long Beach, heating, $5825; T. E. Williams Co., 256 Alamitos Avenue, Long Beach, plumbing, $4776. W. H. Austin, 532 Chestnut Avenue, Long Beach, architect.

16— BANKS, STORES AND OFFICES

Preparing Working Drawings.
IMPROVE SCHOOL Cost, $100,000
MONTEREY, Monterey Co., Calif.
Improvements and reconstruction of high school bldg. to comply with state earthquake law.
Owner — Monterey Union High School District.
Architect—Robert Stanton, Carmel.
Structural Engineer — Richard Ware, Central Bldg., Pasadena.
Plans will be completed in about 45 days.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. SE First and Williams Sts.
Alterations to store building.
Owner—Robinson & Sons Co., San Jose.
Architect — Binder & Curtis, 35 W. San Carlos St., San Jose.

Contract Awarded
ADDITION Cost, $13,824
SACRAMENTO, Calif., 815 S Street.
Addition to building.
Owner—Capital City Casket Company, 815 S St., Sacramento.
Architect—Withheld.
Contractor — Campbell Construction Co., 800 R St., Sacramento.

Plans to Be Prepared
ALTERATIONS Cost, $10,000
SAN FRANCISCO, Cal.—Fillmore St., bet. Post and Geary Sts.
Alterations to store building.
Owner — Martin Stelling, 155 Montgomery St.
Architect — Earle Bertz, Monadnock Bldg.

Contract Awarded
ALTERATIONS Cost, 12,000
SAN FRANCISCO, Cal 1610 Fillmore Street.
Alterations to store.
Owner—Martel Liquor Co., premises
Architect—Not given.
Contractor—W. Horstmeyer, 31 Orl Street

Plans Being Prepared.
ALTERATIONS Cost, $15,000
STOCKTON, San Joaquin Co., Calif., Main and California Streets.
Alterations to store bldg (new show windows, remodeling, new soda fountain, etc.)
Owner—Owl Drug Co., 657 Mission St., San Francisco.
Plans by Engineering Dept. of Owner

Contract Awarded.
ADDITION Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 81 E. Santa Clara Street.
Addition to store building.
Owner—Dr. Herman Knoche, 688 Miller St., San Jose.
Architect—Not Given.
Contractor—H. L. Weld, 1130 North Second St., San Jose.

Contract Awarded.
MARKET Cont. Price, $17,550
OAKLAND, Alameda Co., Calif. NE Telegraph Ave. and Sycamore.
One-story reinforced concrete market 60x125 feet) truss roof, steel rolling doors, plumbing, wiring, painting, etc.
Owner—H. J. Walton
Architect—S. Helman, 605 Market St., San Francisco.
Contractor—Daley Bros., 1104 Vancouver Ave., Burlingame.

Contract Awarded.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and K Streets.
Alterations to office building (alter entrance and lobby); polychrome arch trimmed in buff terra cotta, cast aluminum, stainless steel elevator fronts, modernistic lighting fixtures, etc.
Owner—Forum Investment Co. (Chas. J. Mathews, Acting Mgr.), Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Contractor—Arthur Fisher, 800 35th St., Sacramento.

Plans Being Figured.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. NW Nineteenth and Broadway.
Alterations for broadcasting studio (move partitions, acoustical work, soundproofing, electrical equipment, tile walls, etc.)
Owner—KROW (Educational Broadcasting Co.), Oakland.
Engineer—C. E. Downey, 1803 Franklin St., Oakland.

Contract Awarded
ALTERATIONS Cost, $25,000
LOS ANGELES, Calif. — 601 South Broadway.
Alterations to store building (work involves new front, close existing stairway to basement, painting, electric wiring, plumbing, etc.)
Owner—Owl Drug Co.
Architect—Plans by Engineering Dept. of owner.
Contractor—Louis C. Dunn, 681 Market St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $2,500
SAN FRANCISCO, 1126 Howard St.
Alterations to store building
Owner—Carlos Solarzono, Mills Bldg
Architect—Not Given.
Contractor—David Paganini, 617 Montgomery Street.

Contract Awarded.
ALTERATIONS Cost, $2500
SACRAMENTO, Sacramento Co., Cal. No. 731 I Street.
Alterations to store building 40x70 ft.
Owner—McCurry Foto Co., Premises.
Architect—Not Given.
Contractor—Holdener Constr. Co., 2608 R St., Sacramento.

Contract Awarded
RE-ROOF Cost, $——
TOMALES, Marin Co., Calif.
Construct new roof on Bank of America Bldg., Tomales.
Owner—Capital Co, 625 Market Street, San Francisco.
Plans by Construction Dept. of Owner
Contractor—Roofing Service & Supply Co., San Anselmo.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif., 243 O'Farrell St.
Alterations to restaurant.
Owner—Tollini Bros., Premises.
Architect—Not given.
Contractor—Mullen Manufactur'g Co., 60 Rausch Street.

Contract Awarded
STORE Cost, $15,000
PALO ALTO, Santa Clara Co., Calif. University Ave. and Kipling St.
One-story Class C store building(reinforced concrete construction, tile base & cornice, composition roofing, plate glass front, etc.
Owner—Dr. Mervyn Rudee, Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Lessee—Kemperich and Triplett Food Store.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Plans Being Preared.
ALTERATIONS Cost, $20,000
STOCKTON, San Joaquin Co., Calif. No. 515 E. Main Street.
Alterations to building (new front, painting, decorating, etc.)
Owner—Fred Benloff, Furrier, Stockton.
Plans by Crestent & Mell.
Agent — Frank Peirano, 22 S-Sutter St., Stockton.
Bids will probably be asked within a few days.

Contract Awarded.
PENT HOUSE Cont. Price $9500
SAN FRANCISCO. Jones and McAllister Streets.
Penthouse restroom (1 room and buffet on Hibernia Bank Bldg.
Owner—Hibernia Savings & Loan Society, Premises.
Architect — Arthur Brown, Jr., 251 Kearny Street.
Contractor — Dinwiddie Construction Co., Crocker Bldg.
Complete bids published Oct. 4.

Contracts Awarded.
ALTERATIONS Cost, $——
MODESTO, Stanislaus Co., Cal .
Alterations to store building (work involves new fixtures, alterations to front, tile work, some marble).
Owner—Mellis Brothers, Modesto.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Carpentry, Etc.—Harry Brown, Laurel St., Modesto.
Tile Work—Wickens Bros., Rt. 4, Box 300, Modesto .
Painting and Decorating—A. J. Felt, 335 Bodem St., Modesto.
Other awards will be made shortly.

17— THEATRES

Contract Awarded — Sub Bids Being Taken
ALTERATIONS Cost, $18,000
SAN FRANCISCO, Calif., 1046 Market Street.
Alterations to theatre (new seats, painting, decorating, carpentry work, etc. (theatre to seat 399).
Owner—Pompeii Theatre.
Architect—F. F. Amandes, 1879 18th Avenue.
Contractor—Fred. K. DuPuy, 110 Sutter Street.
Construction will start within a few days.

Plans Completed.
ALTERATIONS Cost, $10,000
PETALUMA, Sonoma Co., Calif.
Alterations and additions to theatre.
Owner—T. & D. Theatre Enterprises. 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked shortly.

Plans Being Prepared
REBUILD THEATRE. Cost,——
MODESTO, Stanislaus Co., Calif.
Rebuilding theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect — Russell Guerne DeLappe, 5905 Keith St., Oakland.

Contract Awarded.
RESIDENCE.... Cost, $6000
SACRAMENTO, Sacramento Co., Cal. No. 1015 L Street.
Addition to frame and brick theatre.
Owner—Warner Bros., Premises.
Architect—Not Given.
Contractor—Elton Blair, 4440 Mariposa St., Sacramento.

18—WHARVES & DOCKS

Plans Being Prepared.
WHARF, ETC. Cost, $92,000
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.

Plans Being Completed
WHARF Cost, $150,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600x60 - feet) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Bids will be taken in about two weeks. On previous bid opening lowest bid was submitted by Merritt, Champan & Scott at $86,000.

19—MISC. CONSTRUCTION

CONTRACT AWARDED
PETALUMA, Sonoma Co., Cal.—Verne Hassett and H. S. McCauley, 152 Kentucky St., Petaluma, at $361 submitted the only bid and awarded contract by the Petaluma City Council, Gladys V. Roberts, City Clerk, for furnishing and installing one police radio station (including transmitter and receiver) complete for the Police Station, and one portable mobile radio trans-ceiver complete for the police prowler car.
Bid includes free servicing and replacement of all necessary parts of equipment for the period of one year.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN JOSE, Santa Clara Co., Cal. No. 730 S. Second Street.
Alterations to undertaking establishment.
Owner—Kancadore & Alameda, Prem.
Architect—Not Given.
Contractor — Frank G. Rose, 1439 Shortridge Ave., San Jose.

CONTRACT AWARDED
WASHINGTON, D. C. — Harbor Boat Building Co., Terminal Island, Los Angeles, at $145,500 awarded contract by the U. S. Coast Guard, Washington, D. C., for furnishing four 80' patrol boats for the Pacific Coast.
Complete bids published Sept. 24.

Plastering Contracts Awarded.
MAUSOLEUM Cost, $110,000
SAN PABLO, Contra Costa Co., Cal.
Reinforced concrete mausoleum (638 crypts) marble and bronze interior.
Owner — Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor—D. Paganini, 519 California St., San Francisco.
Plastering—Herman Bosch, 2075 Folsom St., San Francisco.
Other awards will be made within ten days.
As previously reported, marble awarded to Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.

Plans Being Completed
LIVESTOCK BLDG. $699,000 1st unit
SAN MATEO COUNTY, Cal. Visitacian Valley. South McLaren Park (54-acre tract).
One - story reinforced concrete livestock building (steel trusses) first unit consists of main horse show stalls to accommodate animals, etc.
Owner—San Francisco-San Mateo Agricultural District.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
The total cost of the proposed building is $1,500,000. The second unit will consist of grandstand to seat 15,000, etc.
Plans will be completed about October 15.

PLANNED
FLAGSTAFF, Ariz. — The Arizona Power Co. and the Flagstaff Electric Light Co. have announced that $75,000 will be expended to construct a 400-kw. transmission line, 40 miles in length, from the Arizona Power Co.'s hydro-electric plants, located on Fossil Creek, 40 miles south of Clarkdale, and the construction of a substation, switchboard and other equipment. The transmission line will cost $50,000 and the substation $25,000. G. T. Herrington is general manager of the Flagstaff company.

CONSTRUCTION STARTED
BURBANK, Los Angeles Co., Cal.—Warner Bros.-First National Studios, Burbank, have started work on the construction of another sound stage at the company's Burbank studio. The work is being handled by the owner's department of permanent construction. It will be 135x160 ft. in area and 35 ft. high; wood frame construction, plastered exterior, rock wool insulation, wood roof trusses, composition roofing, wood floors, etc. Work will be started shortly on two more stages one to be identical in size and construction to the one now under way

SAN FRANCISCO
PUBLIC LIBRARY

and the other to be somewhat larger. Another improvement to be made at the studio, scheduled for a later date, is an administration building.

LOW BIDDERS

WASHINGTON, D. C.—L. Larsen Boat Shop, Terminal Island, Los Angeles, at $30,118 submitted low bid to the U. S. Coast Guard, Washington, D. C., for furnishing 55-foot patrol boats for the Pacific Coast.

Lake Union Drydock and Machine Works, at $32,560 submitted second low bid.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing miscellaneous Douglas fir rough structural grade and surfaced lumber under Spec. No. 1790 were opened by D. P. Nicklin, purchasing agent of the Los Angeles Water and Power Bureau, 207 S. Broadway, September 30. The bids were taken on deliveries as follows:

(a) fob cars or trucks, bidder's shipping point;
(b) fob cars or trucks, L. A. harbor;
(c) fob cars, Lone Pine;
(d) fob trucks, Dept.'s construction camps, Mono Basin.

The bids follow:

Daugherty Lumber Co., (a) $8168, fob Portland, Ore., 2,359,500 pounds. Terms 2%, 20 days.

Hammond Lumber Co., (b) $16,718.-09. Terms, net.

Patten-Blinn Lumber Co., (a) $9.-700, fob Junction City, Ore., or Eugene, Ore., 2,359,529 lbs. Terms, 2% 20 days.

California Forest Products Co., (a) $11,213, fob Portland, Ore., or (c) $24.-500; 2,375,000 lbs. Terms 2% 30 days.

J. A. Irwin Co., (a) $10,863.18 fob Portland, or (c) $24,205.84, 2,361,533 lbs. Terms, 2%, 20 days. Additional credit of $1434.88 if allowed to commence shipment within 10 days and complete within 40 days.

Globe Lumber Co., (a) $8672.18, fob Portland, (b) $15,618.26; (c) $19,950.-38; (d) $22,792.66, 2,361,531 lbs. Terms, 2%, 20 days on mill price.

Consolidated Lumber Co., (a) $9,-044.03, fob Portland,; (b) $15,769.33; (c) $19,912.54; (d) no bid, 2,367,552 lbs. Terms, net.

Owens-Parks Lumber Co., (c) $25,-774.46, 2,370,000 lbs. Terms 2%, ten days.

Geo. R. McCormick Lumber Co., (a) $7768.68, 2,360,531 lbs. Terms, 2% 20 days.

W. E. Cooper Lumber Co., (a) $8,-560, fob Portland; 2,359,500 lbs. Terms 2%, 20 days

CONTRACTS AWARDED

OAKLAND, Calif.—Following contracts awarded by the East Bay Municipal Utility District for furnishing 12,200 tons of crushed rock:

Hutchinson Company, for delivery at Stege, $10,125; for delivery at 37th Ave., $12,365.

Heafey-Moore Co., for delivery at Foothill Blvd. and Fruitvale Avenue, $1,300; for delivery in Zone 3, $11,390

CONTRACT AWARDED

FARALLON ISLANDS, Cal.—Hammer-Bray Co., Ltd., 26th Avenue and E 12th St., Oakland, at $823.70 awarded contract by Bureau of Yards and Docks for oil burning stoves for Farallon Island; Spec. No. 8040.

CONTRACT AWARDED

OAKLAND, Calif.—Pacific Coast Fence Co., 1033 Fifth Ave., Oakland, at $6,683.63 awarded contract by the Eastbay Municipal Utility District, for furnishing 450,000 sq. ft. of galvanized welded steel wire fabric.

BIDS OPENED

OAKLAND, Cal.—A. P. Smith Mfg. Co., 1142 Howard St., San Francisco, at $14,700 submitted low bid to the East Bay Municipal Utility District, John H. Kimball, Secretary, under Bid No. L. S. 157, for furnishing 2,000 water meters.

Complete bids follow:

A. P. Smith Mfg. Co.	$14,700
Neptune Meter Co.	14,840
Equitable Meter Co.	15,480
Hersey Mfg. Co.	15,480
Badger Meter Mfg. Co.	15,480

20

BIDS OPENED

SAN FRANCISCO.—California Steel Products Co., 490 Bay Street, at $3,-689 submitted low bid to T. A. Brooks Purchaser of Supplies, City Hall, under Bid No. 1450, for furnishing three 70-ft. lengths of 42-in. inside diameter welded plate steel pipe and accessories.

Complete bids follow:

California Steel Prod. Co.	$3,689
Western Pipe Steel Co.	4,350
Berkeley Steel Const. Co., Inc.	4,430
Montague Pipe & Steel Co.	4,735

BIDS OPENED

SAN FRANCISCO—MaxRosenberg, 58 Merlin St., San Francisco, at $0.45 per cu. yd., submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1454 for furnishing approximately 6000 cu. yds. of loam for Golden Gate Park.

Complete blds follow:

Max Rosenberg, (1) loam, per cu. yd., $0.15; (2) cartage, $0.35; total, $0.45.

L. Devincenzi Co., (1) $0.14; (2) $.38; total, $0.52.

Devincenzi Bros. Co., (1) $0.10; (2) $0.59; total $0.64.

Sibley Grading & Teaming Co., (1) $0.25; (2) $0.55; total $0.80.

Bids held under advisement.

BIDS OPENED

OAKLAND, Calif. — Following bids received by the East Bay Municipal Utility District, John H. Kimball, Secretary, under Spec. No. L.S.-158 for furnishing:

(1) 6 flanged and 18 6 in. diam. gate valves
(2) 10 do. [illegible]
(3) 6 do. 10 in.
(4) 2 do. 12 in.
(5) 10 do. 20 in.

Rich Mfg. Co., A. P. Smith Mfg. Co., Iowa Valve Co., Kennedy Valve Co., Pacific Pipe Co., Warren & Bailey, Tay-Holbrook Co., Standard Supply Co., Grinnell Co., Rensselaer Valve Co., and Mueller Co., submitted identical bids at:

(1) $165.60
(2) $414.00
(3) $414.72
(4) 183.60
(5) $4,098.60

Total, $5,276.52.

Pacific States Cast Iron Pipe Co.: (1) $165.60; (2) $414; (3) $414.72; (4) $193.60; (5) no bid.

Ludlow Valve Co.: (1) $165.60; (2) $414; (3) $414.72; (4) $183.60; (5) $4.-089.60; total, $6,167.72.

Bids held under advisement

BIDS OPENED

OAKLAND, Cal.—Utility Supply Co. at $5,875 submitted low bid to the East Bay Municipal Utility District, Oakland, under Bid No. LS-156, for furnishing 50,000 l.f of ¾ in. seamless copper tubing.

Complete bids follow:

Utility Supply Co., $5.875.

Identical bids at $6,125 submitted by Oakland Plumbing & Supply Co., Crane Co., Richmond Sanitary Co., Pacific Metals Co., Tay-Holbrook Co., Grinnell Co., C. W. Marwedel Co., American Brass & Copper Supply Co.

Identical bids at $6,300 submitted by the Walworth California Co. and the Moran Plumbing & Supply Co.

Bids held under advisement. 20

LOW BIDDER

HAMILTON FIELD, Cal.—Western Steel & Wire Co., 439 Bryant St., San Francisco, at $1.75 per 100 sq.ft., submitted low bid to the Constructing Quartermaster, Fort Mason, under Bid No. W-6616-36-13, for furnishing.

(1) 55,740 sq. ft. wire mesh reinforcement, 6-in. x 6-in. No. 6 wire: 6-feet welded, plain, 42 lbs. per 100 sq. ft. (9290 lin. ft.)
(2) 92,575 sq. ft. wire mesh reinforcement, 6-inch by 6-inch No. [illegible] wire, 7-ft. wide, as above (13,225 lin. ft.)

All bids received for 14,000 l. ft. of cork expansion joints, ½ in. thick, 6-in. wide, in 14 ft. lengths, were rejected and a new call for bids will be issued. 20

MEDUSA Portland Cement PAINT

A permanent bond to concrete, brick and stucco . . . it is highly decorative . . it is dampproof . . . . it is economical.

GUNN, CARLE & CO.

20 Potrero Ave. . UNderhill 5480 . San Francisco

MACHINERY & MTAERIAL

Bid calls for conetruction machin ery and materials and miscellaneoue equipment and suppiles purchased by Federal, State, Municipal and other publio agencies.

CANAL ZONE

PANAMA CANAL ZONE — Until October 17, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3095, one diesel engine operated shovel, 1½ cu. yd. dipper, Caterpillar mouuting.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE—Until October 18, 10:30 a.m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washigton, D. C., under Schedule No. 3096, for furnishing miscellaneous supplies and equipment, including: Fittings, trimmings and accessories for toilets, marble, rubber floor tile, brass dividing strips, Venetian blinds, railway signal bonds, solderless connectors, tee connectors, live-line maintenance tools, metal flagpole, and concrete road finishing machine.

Specifications obtainable from the above office or from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE—Until October 14, 10:30 a. m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3094, for furnishing miscellaneous supplies and equipment, including: Portable air compressor, wire rope, marble chips, brass dividing strips, brake shoes, mule shoes, copper rods, assorted files, enamled-iron sink, metal valves, cone-shaped grounds, costumer stands, drill chucks, line disconnect switches, electric holders, wire brushes, welding glasses, canoe, cork packing, asbestos millboard, calking cotton, paint ingredients, sulphur dioxide, coal-tar pitch, international code signal flags, abrasive paper, crocus cloth, rigid steel conduit, and Southern yellow pine or Douglas fir box-car siding and creosoted timbers.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

TEES, 270,000 lbs. special steel tees; Mare Island. Sch. 6090; October 15.

LATHE, motor-driven engine; Mare Island. Sch. 6094; Oct. 18.

GAUGE, tank; Mare Island. Sch. 6111; October 18.

TUBES, 230 vacuum; Mare Island. Sch. 6110; Oct. 18.

REDWOOD, Mare Island. Sch. 5992; Oct. 22.

LUMBER, boat planking and cypress; Mare Island and Puget Sound. Sch. 5994; Oct. 22.

HOSE, 12,000 ft. bronze steam; Mare Island. Sch. 6120; Oct. 22.

FELT, 15,000 sq. ft. hair felt; Mare Island. Sch. 6123; Oct. 32.

TUBING, 8,000 lbs. admiralty metal; Mare Island. Sch. 6130; Oct. 22.

ALLOY, 10,000 lbs. aluminum alloy, ingot; Mare Island. Sch. 6148; October 25.

Information obtainable from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

WAR DEPARTMENT

BENICIA, Solano County, Calif — Until October 15, bids will be received by the Commanding Officer, Benicia Arsenal, under Circular No. 10, for furnishing 826 pcs. Douglas Fir and 20,000 ft. Ponderosa Pine lumber.

Bids will be received at the same time, under Circular No. 8, for furnishing 144 hacksaw blades, 450 twist drills, 480 wire brushes, etc.

Specifications obtainable from the above office.

BENICIA, Solano County, Calif.—Until October 22, bids will be received by the Commanding Officer, Benicia Arsenal, under Circular No. 9, for furnishing miscellaneous supplies, including: 750 cans white enamel, 336 prs. clear lacquer, 1,560 lbs. white lead, 1500 gals. raw linseed oil, 9 gals. liquid paint drier, 200 gals. neatsfoot oil, 30 gals. luminous white paint, 300 gals. paint for ammunition, 60 gals. do, 816 qts. red paint, 96 pts. black stencil paint, 360 qts. white do, 200 lbs. aluminum powder, 100 gals. turpentine, 200 qts. mixing varnish, 624 pts. orange shellac varnish, 1,056 pts. water-resisting spar varnish, 2,000 lbs. metal polish, and 150 flowing brushes.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until October 14, 10 a.m., bids will be received by the Constructing Quartermaster, Fort Mason, under Bid No. W6616-36-14, for furnishing:

(1) 4,020 bbls. Portland cement in cloth bags, f.o.b. cars at mill and/or Hamilton Field;
(2) 1,845 tons fine aggregate sand, f.o.b. cars and/or trucks. Hamilton Field;
(3) 3,100 tons crushed stone or gravel, coarse aggregate, f.o.b. cars and/or trucks, Hamilton Field.

Specifications obtainable from the above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until October 17, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th Street, Oakland, under Proposal 689 for furnishing one tractor, track-laying type, 4-cylinder, 50-hp., Diesel engine drive.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until October 17, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, John H. Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 690, for furnishing two electric portable welding machines, gasoline driven engine, 300 ampere, 40-volt, speed not higher than 1800-rpm.

Specifications obtainable from the above office.

OAKLAND—Until October 23, 8 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, secretary, 512 16th St., Oakland, under Informal Proposal No. 695, for furnishing one hydraulically operated bulldozer mounted on a 50 h. p. track laying type tractor.

Delivery f. o. b. Corporation Yards, 22nd and Adeline Sts., Oakland.

Specifications obtainable from the above office.

OAKLAND—Until October 23, 8 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, secretary, 512 16th St., Oakland, under Informal Proposal No. 696, for furnishing five motor truck chassis, not less than 13,000 lb. gross weight capacity.

Delivery f. o. b. Corporation Yards, 22nd and Adeline Sts., Oakland.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal—Bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

October 14, 2 p.m.:

BID No. 2942—f.o.b. bidder's shipping point and/or Government Island: 50 alidades, 18 in.

October 15, 2 p.m.:

BID No. 2945—f.o.b. Government Island: 8 discharge, shutoff type nozzles, 1 in. IPT female with ¾ in. hose male nozzle tip thread.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Cal.—Until October 15, 2 p.m., bids will be received by Frank Haynie, Supply Officer Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2944, for furnishing:

(1) 1 mile No. 9 BWG galvanized iron telephone wire;
(2) 29 miles No. 12 BWG galvanized iron telephone wire.

Delivery, all-rail shipment f.o.b. Rapid River, Michigan.

SAN FRANCISCO — Until October 16, 2 P. M., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, Rm. 916 Phelan Bldg., San Francisco, under Contract No. 705, for furnishing 9 heavy duty, power-controlled rippers of the three-tooth, wheel-supported type, complete with power take-off and double drum hoist controls, ready for attachment and operation with any of the following tractors: Caterpillar "60" or "50"; Allis Chalmers "75", and Cletrac "55".

Delivery f.o.b. bidder's shipping point and/or Pacsteel, Oakland.

Specifications obtainable from the above office.

Forest Service

GOVERNMENT ISLAND, Calif. — Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

October 15, 2 p. m.

BID No. 2940—84 doz. 4-quart canteens.

October 18, 2 p. m.

BID No. 2941—500 water bags, 5-gal. man-pack.

Delivery f.o.b. bidder's shipping point and/or Milwaukee, Wisconsin.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

ELKO COUNTY, Nevada.—Until October 23, 2:30 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a concrete and steel overpass and approaches on the State Highway system in Elko County, Route 1, Section D1 and D2, near Deeth, a length of approximately 0.35 miles.

The work involves:

(1) 94 lin. ft. remove culvert pipe;
(2) 4 each remove pipe culvert headwalls;
(3) 2436 lin. ft. remove fence;
(4) 330 cu. yd. roadway excavation:
(5) 95,104 cu. yd. imported borrow;
(6) 340 cu. yd. structure excavation;
(7) 0.33 mile subgrade;
(8) 0.35 mile finish roadway;
(9) 920 tons crushed gravel or stone base;
(10) 0.35 mile salvage and relay surface;
(11) 50.0 tons asphaltic road material. type SC2
(12) 170 cu. yd. class "A" concrete;
(13) 230 cu. yd. class "D" concrete;
(14) 72,500 lbs. reinforced steel;
(15) 25,000 lbs. structural steel
(16) 2,800 lin. ft. treated piles;
(17) 112 each drive treated piles;
(18) 44 lin. ft. 15" corr. metal pipe;
(19) 24 lin. ft. 18" corr. metal pipe;
(20) 66 lin. ft. 24" corr. metal pipe;
(21) 82 lin. ft. 36" corr. metal pipe;
(22) 88 lin. ft. relay culvert pipe:
(23) 12 each move pipe culvert headwalls;
(24) 3,320 lin. ft. standard metal guard rail;
(25) 14 each monuments;
(26) 100 lin. ft. construct fence;
(27) 2,436 lin. ft. reconstruct fence

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

ORANGE COUNTY, Cal. — Until October 31, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a bridge and grade separation structure and about 0.8 mile grading and paving with asphalt concrete and Portland cement concrete at Newport Beach, Orange County.

The work involves:

(1) 54 stations clearing and grubbing right-of-way;
(2) 2000 M gals. water;
(3) 84,100 cu. yds. rdwy. excavation unclass.;
(4) 130,000 stations yds. overhaul;
(5) 4600 cu. yds. struc. excav.;
(6) 14,100 sq. yds. blending subgrade
(7) 18,000 sq. yds. subgrade preparation;
(8) 51 stations finishing roadway;
(9) 10 tons liquid asphalt SC-2 (prime coat);
(10) 128 tons liquid asphalt SC-2 (shoulders);
(11) 10,000 sq. yds. preparing, mixing and shaping shoulders;
(12) 10 tons liquid asphalt 90-95 (seal coat);
(13) 130 tons screenings (seal coat);
(14) 3300 sq. yds. asph. paint binder;
(15) 2300 tons asph. conc. (base and leveling course);
(16) 1100 tons asphalt conc. (Type A surface course);
(17) 2280 cu. yds. Class A Port. cem. concrete (pavement);
(18) 3100 each pavement dowels;
(19) 388,000 lbs. bar reinforcing steel (pave., structures and bridges);
(20) 500 cu. yds. Class A Port. cem. concrete (strucs.);
(21) 1940 cu. yds. Class A Port. cem. concrete (bridges);
(22) 76,000 lbs. structural steel;
(23) 600 lbs. cast steel;
(24) 1270 lin. ft. furnishing treated Douglas Fir piles, including test piles;
(25) 2734 lin. ft. furnishing untreated Douglas Fir piles, includ. test piles;
(26) 150 each driving Douglas Fir piles, including test piles;
(27) 2388 lin. ft. furnishing reinforced concrete piles, including test piles;
(28) 64 each driving reinf. conc. piles, including test piles;
(29) 350 lin. ft. 18-in. standard centrifugal reinf. conc. pipe;
(30) 1110 lin. ft. 24-in. stand. centrif. reinf. concrete pipe;
(31) 210 lin. ft. 30-in. do;
(32) 26 lin. ft. 8-in. CMP;
(33) 60 lin. ft. 12-in. CMP;
(34) 1 only spillway assembly complete in place;
(35) 300 cu. yds. Class A Port. cem. conc. (curbs, gutters and sidewalks);
(36) 220 lin. ft. curb armor;
(37) 4700 lbs. misc. iron and steel;
(38) 40 lin. ft. laminated guard rail;
(39) 6 each culvert markers;
(40) 36 each guide posts;
(41) 100 lin. ft. pipe handrail;
(42) 60 lin. ft. bank protection fence;
(43) 280 cu. yds. exist. conc. removed and disposed of;
(44) 1 only exist. traffic signal moved and reset;
(45) 1 only exist. highway bridge removed and disposed of;
(46) 1 only exist. railroad trestle removed and disposed of
(47) 1 only exist railroad bridge removed and disposed of;
(48) 6 each remove and store existing electroliers;
(49) 32 each lighting standards;
(50) 4400 lin. ft. 1-in conduit with copper wire;
(51) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and the district in which the work is situated.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

TO ASK NEW BIDS

GOVERNMENT ISLAND, Cal.—Bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, October 7, under Bid No. 2933 for furnishing structural steel spans for the McCloud River Bridge, and under Bid No. 2934 for furnishing structural steel stiffening truss for Somes Bar Bridge, did not comply with specifications and the work will be re-advertised at a later date.

BIDS WANTED

MERCED COUNTY, Calif.—Until October 22, 11 a.m., bids will be received by the Merced County Board of Supervisors, P. J. Thornton, Clerk, Court House, Merced, for the construction of bridges as follows:

(1) Bridge No. 244—New wood floor system on bridge over Dry Creek on Snelling & Coulterville Road in Road Dist. No. 1.
(2) Bridge No. 245—New bridge in part, timber with pile foundation over Bear Creek on Avenue in the Fancher Subdivision, in Road Dist. No. 1.
(3) Bridge No. 246—New timber bridge on concrete footings over creek on Le Grand and Cathay Valley Road, in Road Dist. No. 1.
(4) Bridge No. 247—Timber bridge on pile foundation over Mariposa Creek in Road Dist. No. 2.
(5) Bridge No. 248—Timber bridge on pile foundation over Owens Creek, in Road Dist. No. 2.
(6) Culvert No. 249—Concrete pipe culvert in canal on Eucalyptus Ave., in Road Dist. No. 3.
(7) Culvert No. 250—Concrete pipe culvert in canal on avenue running east and west through center of Section 11, in Road Dist. No. 3.
(8) Culvert No. 251—Concrete pipe culvert in canal on Eucalyptic Ave., in Road Dist. No. 3.
(9) Bridge No. 252—Timber bridge on pile foundation over Los Banos Creek on Newton and Jamison Road, in Road Dist. No. 5.
(10) Bridge No. 253—Timber bridge on pile foundation over San Joaquin and Kings River Canal and Irrigation Company's canal on Volta South Road, in Road Dist. No. 5. Plans and specifications obtainable from County Surveyor, W. E. Bedeson, upon deposit of $10.

PLANNED

SAN BERNARDINO COUNTY, Cal.—State Division of Highways has applied to the Railroad Commission for authority to construct an underpass beneath the tracks of the Atchison, Topeka and Santa Fe Railway at Verdemont.

PLANNED

LOS ANGELES COUNTY, Cal.—State Division of Highways has applied to the Railroad Commission for authority to construct an overhead structure crossing the tracks of the Atchison, Topeka & Santa Fe Railway, between N and O Streets, Los Angeles, on State Highway Route 60.

PLANNED

ALAMEDA COUNTY, Cal.—State Division of Highways has applied to the Railroad Commission for authority to construct an overhead structure crossing the tracks of the Southern Pacific Company, near El Cerrito hill, Albany, on the route of the north approach to the San Francisco-Oakland Bay Bridge.

LOW BIDDER

MULTNOMAH COUNTY, Oregon—Joplin & Eldon, 3101 N. Columbia Blvd., Portland, at $87,415 submitted low bid to the Oregon State Highway Commission, Portland, for constructing superstructure for Eagle Creek Bridge on the Columbia River Highway near Bonnerville, Federal Aid Project No. 174-C.

BIDS WANTED

GOVERNMENT ISLAND, Cal.—Until October 15, 2 p. m., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 2943, for furnishing one structural steel stiffening truss, including all steel, bolts for field connections, etc., for the Somes Bar Bridge, located approximatey 100 mi. northeast of Eureka.

Delivery f.o.b. bidder's shipping point and/or Eureka.

Specifications obtainable from the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

Bids Opened

SACRAMENTO COUNTY, Calif.—D. McDonald, 204 23d St., Sacramento, at $0.214 per c.y., total $92,020, submitted low bid to the U. S. Engineer Office, Sacramento, under Proposal No. 1105-36-4, for raising and strengthening of an existing levee and construction of a new levee along the southerly bank of the American River, easterly from the Meister District, near Sacramento, to a point near Mayhews, a distance of about 6.3 miles, involving the placing of approximately 430,000 c.y. of earth in embankment, clearing and grubbing of right of way, preparing embankment foundation, and constructing such road crossings as may be disturbed by the levee construction.

Complete bids follow:

D. McDonald, Sacramento—$0.214 per c.y.; total, $92,020.

Haas-Doughty & Jones, San Francisco—$0.242 per c.y.; total, $105,350.

Olympian Dredging Co., San Francisco—$0.2398 per c.y.; total, $107,414.

Kuhn Bros., Inc., Manhattan Beach—$0.304 per c.y.; total, $130,720.

George Pollock, Sacramento—$0.364 per c.y.; total, $156,500.

A. Teichert & Sons, Inc., Sacramento—$0.42 per c.y.; total, $180,600.

Bids held under advisement

23—IRRIGATION PROJ.

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resoruces, during September, 1935:

8433 (Los Angeles Co.) Constantin R. Bakaleinikoff, Saugus, for .002 cfs from a spring tributary to Boquet Canyon to be diverted for irrigation and domestic purposes. Est. cost, $500.

8434 (El Dorado Co.) W. M. Miller, Auburn, for .003 cfs from Lake Tahoe to be diverted for domestic purposes. Est. cost, $700.

6435 (Siskiyou Co.) A. R. Leff, Sawyers Bar, for 3 cfs and 1 ac. ft. per annum from Murder Gulch, tributary to North Fork of Salmon River, to be diverted for mining purposes. Est. cost, $500.

8436 (Siskiyou Co). Fred H. Wendt, Clear Creek, for .5 cfs from Brown's Creek, tributary to Klamath River, to be diverted for mining and domestic purposes.

8437 (San Diego Co.) James D. McCain, Julian, for 4000 gals. per day form a spring tributary to San Felipe Creek, to be diverted for domestic and stock purposes. Est. cost, $1-000.

8438 (Trinity Co.) H. A. Spindler, Weaverville, for 3 cfs from Sidney Gulch, tributary to West Weaver Ck., to be diverted for mining purposes. Est. cost, $1,000.

8439 (Butte Co.) Erol Colman, Chico for 3 cfs from West Branch of North Fork Feather River, tributary to the Feather River, to be diverted for irrigation and domestic purposes. Est. cost, $100.

8440 (Siskiyou Co.) Wm. E. Gump, San Francisco, for 5 cfs from Rush Creek, tributary to South Fork Salmon River, to be diverted for mining and domestic purposes.

8441 (Siskiyou Co.) Wm. E. Gump, San Francisco, for 10 cfs from Rush Creek, tributary to South Fork Salmon River, to be diverted for power and domestic purposes; 100-hp. to be developed.

8442 (San Bernardino County) Rose Mines, Inc., care D. W. Swartwoot San Bernardino, for 60 gals. per min. from three unnamed springs tributary to Rattlesnake Canyon, to be diverted for mining and domestic purposes. Est. cost, $1000.

8443 (San Diego Co.) W. N. Kenyon, Julian, for 1 cfs from Kanebrake Canyon Creek, tributary to San Felipe Creek, to be diverted for irrigation and domestic purposes on fifty acres. Est. cost, $500.

8444 (Siskiyou Co.) J. W. Nowdesha, Hamburg, for 2.75 cfs from Mill Creek tributary to Klamath River, to be diverted for mining purposes.

8445 (Los Angeles County) Constantin R. Bakaleinikoff, Saugus, for 720 gals. per day from a spring tributary to Bouquet Canyon, to be diverted for irrigation and domestic purposes on 8 acres. Est. cost, $500.

8446 (Los Angeles County) Constantin R. Bakaleinikoff, Saugus, for 720 gals. per day from a spring tributary to Bouquet Canyon, to be diverted for irrigation and domestic purposes on 8 acres. Est. cost, $500.

8447 (Los Angeles County) Constantin R. Bakaleinikoff, Saugus, for 720 gals. per day from a spring tributary to Bouquet Canyon, to be diverted for irrigation and domestic purposes on 8 acres. Est. cost, $500.

8448 (Del Norte Co.) Dr. Francis M. Stump, Crescent City, for 3 cfs from Rock Creek, tributary to Smith River, to be diverted for power purposes; 20-hp. to be developed Est. cost $500.

8449 (Trinity Co.) Anton Weber, Trinity Alps, for .5 cfs from Snow Slide Gulch, tributary to Stuarts Fork of Trinity River, to be diverted for domestic purposes. Est. cost $150.

8450 (Mono Co.) Ruby H. Cunningham, Mono Lake, for 1½ cfs from a tunnel tributary to Andy Thompson Creek, to be diverted for power purposes.

8451 (Inyo Co.) Harry A. Grant, Los Angeles, for 1 cfs from 3 springs tributary to Shepherd Canyon, to be diverted for mining and domestic purposes.

8452 (Humboldt Co.) E. R. McPheeters, care S. V. Cornell, Atty., Modesto, for 85 cfs from Slide, Horse Range, Grove Prairie and Cedar creeks and two unnamed creeks tributary to Trinity River, to be diverted for mining purposes.

8453 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River, to be diverted for municipal purposes. Est. cost $5,-700,000.

8454 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. per annum from Cosumnes River, tributary to Mokelumne River, to be diverted for power purposes; 13,364-hp. to be developed.

8455 (Humboldt Co.) Frank G. Steward, San Francisco, for 85 cfs from Slide, Horse Range, Grove Prairie, Cedar creeks and two unnamed creeks tributary to Trinity river to be diverted for mining purposes.

8456 (Nevada Co.) W. P. Clerkin, French Corral, for 12.5 cfs from New York Ravine, tributary to Middle Fk. of Yuba River, to be diverted for mining and domestic purposes.

PERMITS ISSUED

SACRAMENTO, Calif. — Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during month of September, 1935:

4620, Application 7908 (Placer Co.) Issued to American Mining Co., San Francisco, Sept. 4, for 50 cfs from the North Fork of American River, for power purposes. Est. cost, $4,000.

4621, Application 7909 (Placer Co.) Issued to American Mining Co., San Francisco, Sept. 4, for 3 cfs form the North Fork of American River, for mining and domestic purposes. Est. cost, $4,000.

4622, App. 7930 (Placer Co.) Issued to American Mining Co., San Francisco Sept. 4, for 25 cfs from Humbug Creek, for mining purposes. Est. cost $6000.

4623, App. 8035 (Stanislaus Co.) Issued to Sarah A. Duffy, Modesto, September 11, for 2.5 cfs from Tuolumne River, for irrigation of 50 acres. Est. cost, $500.

4624, App. 8359 (El Dorado Co.) Issued to R. T. Fisher, Oakland, Sept. 11, for 500 gals. per day from an unnamed spring for domestic purposes. Est. cost, $200.

4625, App. 8254 (Siskiyou Co.) Issued to B. F. Ryder, Somes Bar, Sept. 11 for 2 cfs from Fern Flat Gulch, for mining purposes. Est. cost, $25.

4626, App. 8356 (El Dorado Co.) Issued to T. R. and Frances C. Spencer, Sacramento, Sept. 12, for 200 gallons per day from an unnamed spring for domestic purposes. Est. cost. $350.

4627, App. 8300 (San Luis Obispo Co.) Issued to City of San Luis Obispo Sept. 13, for 2.32 cfs and 2799 ac. ft. per annum storage from Lopez Creek for municipal purposes. Est cost, $600,000.

4628, App. 8362 (Sutter Co.) Issued to Frank, Gordon and Clifton Lamb, Grimes, Sept. 13, for 3.79 cfs from Sacramento River for irrigation of 151.44 acres. Est. cost, $5000.

4629, App. 7575 (Sierra Co.) Issued to E. A. Humphreys, Downieville, Sept. 14 for 37.5 cfs from South Fork of North Fork Yuba River, for power purposes. Est. cost, $5000.

4630, App. 8380 (Plumas Co.) Issued to J. M. McKillen and H. O. Erdman, Bucks Lodge, Oroville, Sept. 14, for 3 cfs from Coquette Creek, for mining purposes. Est. cost, $2,000.

4631, App. 8365 (Fresno Co.) Issued to Division of Fish and Game, San

Francisco, Sept. 16 for 5 cfs from Kings River, for recreational and domestic purposes. Est. cost, $8,000.

4632, App. 8023 (Trinity Co.) Issued to H. A. Spindler, Weaverville, Sept. 16, for 20 cfs from Whites Creek, for mining and domestic purposes. Estimated cost, $36,000.

4633, App. 8078 (Trinity Co.) Issued to H. A. Spindler, Weaverville, Sept. 16, for 20 cfs from Whites Creek, for mining and domestic purposes. Estimated cost, $36,000.

4634, App. 8398 (Trinity Co.) Issued to Joe O. Mandell, Junction City, September 17, for 3 cfs from Johnsons (Maxwell) Creek, for mining purposes. Est. cost, $10,000.

4635, App. 8407 (Lake Co.) Issued to Park Abbott, Cobb, Sept. 17, for 0.25 cfs and 4 ac. ft. per annum storage from Carter Creek, for domestic purposes and irrigation on 20 acres. Est. cost, $300.

4636, App. 8406 (San Joaquin Co.) Issued to Frank Tade, Sacramento, Sept. 18 for 1 cfs from Mokelumne River, for irrigation of 85 acres. Est. cost, $100.

4637, App. 8393 (Plumas Co.) Issued to Mrs. Etta M. McNeil, Quincy, and Mrs. Augustine Palu, Oakland, Sept. 18 for 0.2 cfs from West Branch of Eagle Creek, for mining and domestic purposes. Est. cost, $150.

4638, App. 8215 (Inyo Co.) Issued to Theo. Petersen, Darwin, Sept. 19, for 6000 gals. per day from underground flow in Darwin Wash, for recreational purposes. Est. cost, $800.

4639, App. 8335 (Inyo Co.) Issued to Theo. Petersen, Darwin, Sept. 19, for 0.5 cfs from underground flow in Darwin Wash, for irrigation of 20 acres. Est. cost, $800. 23

24— STREET LIGHTING SYSTEMS

Bids Opened

SAN MATEO, San Mateo County—Atlas Electric Co., 135 B St., San Mateo, at $410 submitted low bid to the San Mateo City Council, E. W. Foster, City Clerk, for installation of electroliers on one block of Second Avenue, beween Railroad Avenue and South Claremont St.

Complete bids follow:

Atlas Electric Co., San Mateo..... $410
Globe Electric Works, S. F..... 580
Harvey E. Conner, Redwood City 600
Erskine Electric Works, Redwood City 700
A. Soda & Sons, Oakland 808

Two low bids are being held under advisement until October 21.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN LUIS OBISPO, Cal.—Following bids received by the State Bureau of Purchases, Sacramento, for furnishing one 40-hp. tracklayer type tractor to be delivered at Shop 5, San Luis Obispo, with allowance for a Caterpillar "30" tractor with bulldozer:

Weaver - Rye Tractor Co., bidding on a Model "40" Caterpillar: gasoline driven, $2,566, allowance, $1,106, net $1,860; Diesel driven, $3,685, allowance, $1,106, net $2,579; 2% 30 days.

Livingston Tractor & Equip. Co., bidding on an Allis - Chalmers "K": $2,650, allowance, $650, net $2,000; 2% 30 days.

J. D. Adams Co., bidding on a McCormick-Deering "40", $2,375.50, allowance $465, net $2,410.50; 7% thirty days.

Farmers Hardware & Implement Co. bidding on Allis-Chalmers "K", $2,681.40, allowance $500, net $2,181.40; 5% 30 days.

BIDS OPENED

NORTH HOLLYWOOD, Los Angeles Co., Cal.—Identical bids at $1,434 less 2% 30 days, were received by the State Bureau of Purchases, 323 State Capitol, Sacramento, under Requisition 7530, for furnishing an 8-ft. leaning wheel pull type road grader fob North Hollywood, from the following:

Austin Western Road Mchy. Co.
Shepherd Tractor and Equip. Co.
Smith Booth Usher Co.
Crook Company.
J. D. Adams Company.
Brown-Bevis Equipment Co.

BIDS OPENED

STOCKTON, Calif.—Following bids received by the State Bureau of Purchases, Sacramento, under Quotation No. 13097, Req. 9116, for furnishing one 110-gal. capacity asphalt heating kettle, f.o.b. Stockton, Shop 10:

Harron, Richard & McCone Co., S. F., $277.41;
Peerless Machinery Co., Sacramento, $296;
Edward R. Bacon Co., S. F., $300;
A. L. Young Machinery Co., S. F., $360;
Spears Wells Machinery Co., Oakland, $375.

Bids held under advisement.

BIDS OPENED

NORTH HOLLYWOOD, Cal.—J. D. Adams Co., at $913, less 2% 30 days, submitted the only bid received by the State Bureau of Purchases, Sacramento, for furnishing 7-ft. leaning wheel pull type road grader fob North Hollywood, under Requisition 7528.

BIDS OPENED

SACRAMENTO, Cal.—Northwest Engineering Co., 255 10th St., San Francisco, at $2596 submitted the only bid received by the U. S. Engineer Office, Sacramento, for furnishing one 4-cylinder oil burning engine as replacement for engine on a ¾-yd. Northwest dragline.

BIDS OPENED

SAN MATEO, SANTA CLARA & Santa Cruz Counties, Calif.—Following bids received by the Division of Highways, John H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of three pneumatic tired dump trucks, body capacity not less than 3½ cu. yds. for approximately 1500 hours:

C. & L. Trucking Co., 139 Cora St., San Francisco, $2 per hour.
Paul A. Puppo, 37 Rice St., San Francisco, $2.
Rock and Gravel Trucking Co., Inc., Oakland, $2.05
L. N. Giorgi, San Francisco, $2.05.
San Bruno Avenue Feed & Fuel Co., San Bruno, $2.10.
A Morton, Menlo Park, $2.35.
Daniel Gallagher, San Francisco, 2.40.
J. S. Baker, Burlingame, $2.70.
Frank O'Shea, San Francisco, $2.73.
Deysher & La Fargue, San Anselmo, $2.73.
Charles W. Beguhl, Lomita Park, $2.87.
Eugene Dello Rosa, Martinez, $3.00.
T. O'Brien, San Francisco, $3.07.

Bids held under advisement.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing two complete Diesel engine-driven crawler type, power cranes, Circular Proposal ER-509-36-57, were opened by the U. S. Engineer, Los Angeles, Oct. 3. The bids were:

Harron, Rickard & McCone: Koehring model 376 crawler crane—weight 64,000 lbs. Plant Milwaukee, Wis.—Delivery two machines Los Angeles 17 days after receipt of order. Discount 2% 20 days. Prices: Milwaukee, $12,070 each, total $24,140. Los Angeles, $13,139 each, total $26,278.

Harnischfeger Sales Corp. P & H 600-A—Atlas engines—at 71,000 lbs.—plant Milwaukee [illegible] Los Angeles $12,835 each, total $[illegible] Milwaukee, $11,650 each, total $23,300. Alternate: for Caterpillar [illegible] Diesel engine deduct $200 each. [illegible] as specified.

H. C. Collins Machinery Co. Link-Belt K-30 crawler—wt. 69,000 lbs.—Caterpillar D-8800 engine—plant Chicago—Discount 2% 15 days. Prices: Los Angeles, $13,502 each, total $27,004. Chicago, $12,350 each, total $24,700. Alternate: Hesselman engine add $450 each. Delivery: first machine 25 days, second 30 days. Alternate: first 30 days, second, 35 days.

Smith Booth Usher Co.: Lima model 404; Caterpillar engine; wt. 75,000 lbs., plant, Lima, Ohio. Delivery as specified. Discount 2% 15 days. Includes 1500-watt Kohler lights. Prices: Los Angeles, $14,097 each, total, $28,194. Lima, $12,785 each; total, $25,570.

Rix Company: Model 55 Lorain; wt. 58,000 lbs., plant, Lorain, Ohio. Delivery as specified. No discount. Prices: Los Angeles, $13,672 each; total, $27,344. Lorain, Ohio, $12,875 each; total $25,750.

Brown-Bevis Equip Co.: Bay City Model 62; wt. 61,000 lbs.; Hercules Diesel engine. Prices: Bay City, Mich. $11,400 each; total, $22,800. Los Angeles, $12,470 each; total, $24,940. Discount $210 each 15 days. Immediate delivery from Bay City 10 days after receipt of order.

BIDS OPENED

LOS ANGELES, Calif. — Bids for furnishing two one-yard Diesel engine driven crawler type power shovels for use on Ballona Creek protection work, Circ. Prop. ER-509-36-56, were opened by the U. S. Engineer, Los Angeles, Oct. 3. The bids were:

Rix Co.—Model 55 Lorain. Weight, 65,500 lbs. Delivery as specified. No discount. Plant at Lorain, Ohio. Prices: (1a) $15,150 each; total, $30,300; plant, $14,050 each; total, $28,100. Caterpillar Diesel engine.

American Hoist & Derrick Co., St. Paul, Minn.—Model 400 Gopher. Plant, St. Paul. Wt., 75,500 lbs. Discount, 2%, 15 days. Prices: Los Angeles, $13,055 each; total, $26,030. Plant, $14,505 each; total, $28,100. Add $250 each for Kohler lighting plant. Alternates: Add $500 for Caterpillar Diesel D-11000; for Fairbanks, Morse & Co. engine add $925; for Hercules engine add $700. Delivery: With Hesselman engine, one machine 2 weeks, two machines 5 weeks; Caterpillar engine, 2 machines 18 days; Fairbanks, Morse Co. engine, two machines 25 days; with Hercules engine, two machines 5 weeks. Discount, 2% 15 days.

Smith Booth Usher Co.—Model 404 Lima. Plant, Lima, Ohio. Wt., 79,000 lbs. Shipment as specified. Discount, 2% 15 days. 1500-watt Kohler lights. Prices: Los Angeles, $15,992 each; total, $31,984. At plant, $14,610 each; total, $29,220. Shovel to have 19 ft. 6 in. boom, 16-ft. dipper handle.

Harnischfeger Sales Corp.—P & H 600-A with Atlas engines—Plant Milwaukee, Wis. Wt. 84200 lbs. Prices: Los Angeles, $15,006 each; total $30,012 at plant; $13,600 each; total $27,200. Alternate: with Caterpillar D-11000 engine same price; with D-8800 deduct $200. Delivery as specified. No discount.

Harry C. Collins Machinery Co.—Link-Belt K-30—Plant, Chicago, Ill. Weight, 76,100 lbs. Discount, 2% 15 days from factory, Chicago prices. Delivery: one machine 20 days factory, two 25 days. Prices: Los Angeles, $15,900 each; total $31,800 factory; $14,630 each; total $29,260. Alternate: Caterpillar Diesel D-8800 engine, deduct $400 per machine.

Harron, Rickard & McCone Co.—

Koehring 376 and Caterpillar D-8800 engine — Plant at Milwaukee, Wis. Discount 2% 20 days—Delivery, two machines Los Angeles 10 days after receipt of order. Prices: Los Angeles, $14,338 each, total $28,676; factory, $13,175 each; total $26,350.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until October 14, 4 P. M., bids will be received by the Stockton Port Dist. Transit Sheds 6 and 7, Deep Draft Docks, Stockton, for construction of an extension to the Public Belt Railroad system for the Stockton Port District.

Plans and specifications obtainable from the above office upon deposit of $10, which amount will be refunded if plans and specifications are returned in good condition accompanied by a proposal. If the plans and specifications are returned in good condition, not later than 10 days after opening of bids, unaccompanied by a proposal, $5 will be refunded. * 26

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing two Diesel engine driven crawler type 2-yd. capacity shovels for use on Ballona Creek protection work. Circ. Prop. ER-509-36-55, were opened by the U. S. Engineer, Los Angeles, Oct. 3. The bids were:

Smith Booth Usher Co. Lima Model 701. Shipping weight 116,000 lbs. Discount 2% 15 days. Includes 1500-watt Kohler lighting plant. Shipment as specified. Prices: (1a) at Los Angeles, $23,430 each; total $46,860; (1b) at plant, $21,400 each; total $42,800.

Rix Co.—Lorraine model 87. Plant, Lorraine, Ohio. Wt. 102,000 lbs. Delivery as specified. No discount. Prices: (1a) $26,520 each; total $53,040; (1b) $24,670 each; total $49,340.

Harnischfeger Sales Corp.—P & H shovels. Plant, Milwaukee, Wis. Shipping weight, 134,500 lbs. No discount. Prices: Bid No. 1: Los Angeles 40 days, $24,000 each; total $48,000. Los Angeles 43 days, same prices; Los Angeles 32 days, $21,813 each; total $43,626. Los Angeles 35 days, $21,813; total $43,626. Alternate bids: with Waukesha engine, Model 760 P & H shovel. Los Angeles 35 days, $25,500 each; total $45,000. Los Angeles 25 days, $20,288 each; total $40,576.

Harry C. Collins Machinery Co. Link Belt. Plant, Chicago. Discount 2% from factory prices 15 calendar days. Shipping weight, 124,000 lbs. Prices: (1a) $24,153; (1b) $22,075; total $44,150. Alternate: Waukesha engine in place of Caterpillar D 13,000; (1a) $24,403 each; total $48,806; (1b) factory, $22,325; total $44,650. Delivery: will ship first machine 18 calendar days; 2nd machine 25 days. Alternate: 25 and 30 days respectively.

Harron, Rickard & McCone Co. Model 801 Koehring. Plant, Milwaukee. Wt., 123,000 lbs.: (1a) $29,745 each, total $59,490; (1b) $27,695 each, total $55,390. Discount, 2% 20 days. Delivery: One unit 20 days after receipt of order, remaining unit 30 days. Alternate: Delivery 10 and 20 days, respectively.

Marion Steam Shovel Co. Model 381 with National Superior Diesel engine. Plant, Marion, Ohio. Weight, 127,000 lbs. Discount, 2% 15 days. Prices: (1a) $31,100 each, total $62,200; (1b) $28,895 each, total $57,750. Omit Marion 2-yard dipper; deduct $900, and deduct 6000 lbs. weight. Delivery: First engine f.o.b. Marion one week, Los Angeles 17 days; two machines Marion 20 days, Los Angeles 30 days.

BIDS OPENED

SAN FRANCISCO, Calif.—Following bids received by the U. S. Forest Service, P. C. Brown, Procurement Engineer, Room 916, Phelan Bldg., under Contract No. 693, for furnishing:

(1) 5 scrapers, without tractors, but with power take-off and controls complete, to be delivered at Spokane, Wash.

(2) 4 scrapers with power take-off and controls complete, to be delivered at Oakland;

(2a) 4 scrapers, without power take-off, to be delivered at Oakland.

Gar Wood Industries, Seattle — (2) $4,320 f.o.b. Oakland, $3,920 f.o.b. Seattle; (2a) $4,120 f.o.b. Oakland, $3,720 f.o.b. Seattle; discount, 2% 20 days.

Robinson Tractor Co., Oakland—(2) $4,500 f.o.b. Oakland; (2a) $3,750 f.o.b. Oakland; discount 5% 10 days.

Isaacson Iron Works, Seattle — (1) $4,900 f.o.b. Seattle; (2) $3,920 f.o.b. Seattle; (2a) $3,720 f.o.b. Seattle; discount, 2% 10 days.

La Plante Choate Mfg. Co., Cedar Rapids, Iowa—(1) $5,887.50 f.o.b. Cedar Rapids, $6,469.50 f.o.b. Spokane; (2) $5,175.60 f.o.b. Oakland, $4,710 f.o.b. Cedar Rapids; (2a) $4,275.60 f.o.b. Oakland; $3,810 f.o.b. Cedar Rapids; discount 5% 15 days.

Edward R. Bacon Co., San Francisco (1) $5,225 f.o.b. Oakland, $5,566.55 f.o.b. Spokane; (2) $4,180 f.o.b. Oakland; (2a) $3,438 f.o.b. Oakland; 5% 20 days.

American Tractor Equipment Corp., Oakland—(1) $5,625 f.o.b. Oakland, $5,850 f.o.b. Spkane; (2) $4,500 f.o.b. Oakland; (2a) $3,750 f.o.b. f.o.b. Oakland; discount 5% 10 days.

R. G. LeTourneau, Stockton—(2) $4,896 f.o.b. Oakland or Stockton; (2a) $3,168 f.o.b. Oakland or Stockton; discount 2% 10 days.

Southwest Welding Machine Co., Alhambra—(1) $5,435 f.o.b. Alhambra, $5,885 f.o.b. Spokane; (2) $4,348 f.o.b. Alhambra, $4,464 f.o.b. Oakland; (2a) $3,472 f.o.b. Alhambra, $3,588 f.o.b. Oakland; discount 2% 30 days.

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1452, for furnishing one low-bed trailer for the Water Department:

Doane Motor Truck Co., $1049.
Ratz & McCelland, Inc., $1190.
Reliance Tailer & Truck Co., $1195.
United Commercial Co., $1280.
Utility Trailer Sales Co., $1430.
Kleiber Motor Co., 1698.50.
Bids held under advisement. *

28 — FIRE EQUIPMENT

BIDS OPENED

RICHMOND, Contra Costa County, Calif.—Following bids received by the Richmond City Council, October 7, for furnishing one new pumping engine, including a 600-gal. pump and a 150-gal. tank, for the Fire Department:

General Fire Truck Corporation, St. Louis, $7,167.

P. E. Van Pelt, Oakdale, representing the White Truck Company, $5,920, $6,170, $6,220, $7,250, $7,360, $7,550. The prices represent different types of machines.

Mack International Truck Company, through Homes and Day $8,950 for 2-stage centrifugal pump and $7,850 for one-stage pump.

American La France Company, $7,125 and $7,525.

Seagrave Corporation $7,025 and $7,625.

Ahrens-Fox Fire Engine Company, $7,250 and $8,000.

Kleiber Motor Company for a truck equipped with a Pacific fire extinguisher apparatus $6,9[illegible]

The bids of the General Fire Truck Co. for a 750-gal. pumper and of David Rose for a 500-gal machine were not considered as they did not comply with specifications.

The council will hold the bids, pending investigation of the respective merits of the types offered, until October 21.

29—STREETS AND HIGHWAYS

CONTRACT RE-AWARDED

SNOHOMISH CO., Wash.—Halleran Bros., 2550 22nd N., Seattle, at $93,575 awarded contract by L. V. Murrow, Director of Highways, Olympia, for 1.4 miles clearing, grading, draining and surfacing with crushed stone, Federal Aid Project No. 189-D.

Bids were opened September 10 and contract awarded to Goodfellow Bros., Wenatchee, at $85,221, who were subsequently allowed to withdraw their bid due to an error.

CONTRACT AWARDED

PIMA COUNTY, Arizona—White & Miller, Tucson, Ariz., at $43,182 awarded contract October 8 by the Arizona State Highway Commission, Phoenix, for highway construction of the Tucson-Nogales Highway, F. A. 29. The work, which begins about 1.2 miles south of the south city limits of Tucson and extends southerly approximately 1.5 miles, consists of widening and resurfacing existing pavement, and is to be completed on or before February 29, 1936.

Borderland Constr. Co., Tucson, at $45,690 submitted second low bid.

The principal items are:

2,900 cu. yds roadway excavation;
350 cu. yds. structure excavation;
12,000 cu. yds. imported borrow;
21,000 cu. yd. mi. imported borrow haul;
350 cu. yds. structure excavation;
27,500 lbs. reinf. steel;
3,400 lin. ft. combined curb & gutter;
4,000 tons plant mix;
200 tons cutback asphalt;
235 cu. yds. screenings;
40 cu. yds. remove old concrete;
16,300 lin. ft. formation and finishing shoulders.

CONTRACT AWARDED

COCONINO COUNTY, Ariz. — Ken Hodgman, 714 Plymouth Road, Pasadena and Pearson & Dickerson, Prescott, Ariz., awarded contract by the Arizona State Highway Commission, October 8, at $124,526, for highway construction on the Flagstaff-Fredonia Highway, F. A. 95-F, A.F.E. 8921. The work, which begins at the north end of F. A. 95-B, about 92 miles north of Flagstaff, and extends northerly approximately 11 miles, consists of grading and draining the roadway, and placing select material and A.B.C., and is to be completed on or before May 31, 1936.

Skousen Bros., Albuquerque, N. M., at $124,696 submitted second low bid.

The principal items and approximate quantities are:

32,000 cu. yds. roadway excavation;
43,800 cu. yds. drainage excavation;
2,700 cu. yds. structure excav.;
43,000 cu. yds. imported borrow;
39,500 cu. yds. select material;
14,000 cu. yds. A.B.C.;
1,650 cu. yds. concrete;
144,500 lbs. reinf. steel;
2,578 lin. ft. C.M. pipe(various sizes)
120,000 lin. ft. standard line fence;
500 hours of rolling;
500 M gals. water for sprinkling;
700 cu. yds. plain riprap.

BIDS OPENED

LOS ANGELES COUNTY, Cal.—Paul R. Hughes, 1020 Loma Vista St., Long Beach, at $5851 submitted low

bid to C. H. Purcell, State Highway Engineer, 808 State Bldg., Los Angeles, Oct. 7, for highwny construction in Los Angeles County, between Mable St. and Atlantic Blvd., about 0.6 mile in length, Portland cement curb and gutter to be constructed and plant-mixed surfacing to be placed on shoulders adjacent thereto.

The work involves the following quantities:

(1) 30 sta. clearing and grubbing the right of way;
(2) 48,000 gals. water, in place;
(3) 750 c.y. rdwy. excav., unclass.;
(4) 30 sta. finishing roadway;
(5) 5 tons liquid asph., MC-2 (prime coat) in place;
(6) 42 tons liquid do, MC-5 or MC-extra heavy (plant-mixed surf.)
(7) 790 tons mineral aggregate in place (plant-mixed surfacing);
(8) 220 c.y. Class A Portland cement concrete in place (curbs and gutters);
(9) 32 l.f. curb armor in place;
(10) 1 c.y. concrete removed and disposed of.

The other bids were:
J. L. McClain, Los Angeles, $6392.
Oswald Bros., Los Angeles, $7232.

LOW BIDDERS

MARICOPA COUNTY, Ariz.—Phoenix-Tempe Stone Co., Phoenix, at $25,141 submitted low bid to the Arizona State Highway Commission, Oct. 8, for highway construction on the Tempe-Mesa Highway (F.A. 8-A) reopened; A.F.E. 515). The work, which is located within the city limits of Mesa, consists of widening ½ mile of existing pavement with Portland cement concrete, and is to be completed on or before Dec. 31, 1935.

The principal items and approximate quantities are:

2000 cu. yds. roadway excavation;
320 cu. yds. structural excavation;
35 cu. yds. Class A concrte;
2600 lbs. reinforcing steel;
534 lin. ft. corrugated metal pipe sizes);
50 lin. ft. 12-in. plain conc. pipe;
668 lin. ft. 30-in. plain conc. pipe;
88 lin. ft. 30-in. reinf. conc. pipe;
2800 sq. yds. gravel walk;
and other incidental items.

T. S. O'Connell, State Highway Engineer.

Clinton Campbell Contractors submitted the second bid at $25,163.

LOW BIDDER

SAN BENITO COUNTY, Cal.—L. A. Brisco, Arroyo Grande, at $4985 submitted low bid to the Division of Highways, L. H. Gibson, District Engineer, San Luis Obispo, for treating with liquid asphalt about 17.8 miles between Lonoak and San Benito in San Benito County.

LOW BIDDERS

GRAHAM COUNTY, Ariz.—Borderland Constr. Co., Tucson, Ariz., at $12,539 submitted low bid to the Arizona State Highway Commission, Phoenix., October 8, for highway construction on the Geronimo-Solomonville Highway, F. A. 43 Reopened; A. F.E. 542. The work, which is located in the town of Safford, consists of widening existing pavement with Portland cement concrete, and is to be completed on or before December 15, 1935.

The principal items and approximate quantities are:

800 cu. yds. roadway excavation;
4060 sq. yds. concrete pavement;
1000 lin. ft. combined curb and gutter;
110 lin. ft. 24-in. C. M. pipe;
100 lin. ft. valley gutter;
750 lin. ft. standard line fence;
and other incidental items.

T. S. O'Connell, State Highway Engineer.

H. J. Hagen, Globe, Ariz., submitted the second bid at $14,496.

CONTRACT AWARDED

APACHE COUNTY, Arizona — Lee Moor Contracting Co., Bassett Tower Bldg., El Paso, Texas, at $198,519 awarded the contract October 8 by Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-Lupton Highway, F. A 83-D; A.F.E. 6650. The work, which begins at the Navajo-Apache County line, about 21 miles northeast of Holbrook and extends northeasterly approximately 18.2 miles, consists of placing aggregate base course, shoulder material and either a cut-back plant mix or Type B seal coat, and is to be completed on or before Feb. 29, 1936.

Geo. Orr, El Paso, at $211,908 on the alternate submitted second low bid. Southern California Roads Co., Los Angeles, at $214,855 and at $219,-955 (alt.) submitted third low bid.

The items are:

35,500 cu. yds. aggregate base course
249,000 cu. yds. mi. aggregate base course;
6,000 cu. yds. shoulder material;
36,000 cu. yds. mi. shoulder material haul;
29,000 tons plant mix;
1,100 tons cut-back asphalt;
445 tons emulsified asphalt;
18,138 mi. placing plant mix;
1,550 cu. yds. screenings;
8,000 lin. ft. standard line fence;
7,000 cu. yds. stripping pits;
350 cu. yds. stockpiled aggregate;
420 M. gals. sprinkling.

ALTERNATE

43,500 cu. yds. aggregate base course
298,000 cu. yds. mi. aggregate base course;
6,000 cu. yd. mi. shoulder material haul;
21,800 tons Laykold asphalt concrete
400 tons Laykold tempering fluid;
750 tons asph. cement;
425 M. gals. sprinkling.

The bids were opened October 4.

CONTRACT AWARDED

GILA COUNTY, Ariz. — Lee Moor Contracting Co., El Paso, Texas, at $158,804 awarded contract October 8 by the Arizona State Highway Commission, Phoenix, for highway construction on the Globe-Showlow Highway, F.A. 99-P, A.F.E. 6058. The work, which begins about 61 miles northeast of Globe and extends northeasterly about 4.7 miles, consists of grading and draining, and is to be completed on or before August 31, 1936.

Packard Contracting Co., Phoenix, at $164,152 submitted second low bid.

The items are:

45,000 cu. yds. roadway excavation;
7,000 cu. yds. drainage excav.;
14,500 cu. yds. slides and overbreakage;
1,900 cu. yds. structural excavation;
7,500 cu. yqds. imported borrow;
901 cu. yds. concrete;
91,300 lbs. reinf. steel;
3,122 lin. ft. C. M. pipe (various sizes);
276,000 lbs. structural steel;
482 cu. yds. riprap;
44,660 lin. ft. standard line fence.

BIDS OPENED

SAN FRANCISCO, Calif.—Until Oct. 18, 11:30 a.m., bids will be received by the Department of Public Works, Room 251 City Hall, under Spec. No. 18,901, for removal of sand from 30th Ave., between Quintana and Rivera Sts., and from 29th Ave., between Quintara and Rivera Sts., involving 13,200 c.y. grading (excavation). Estimated cost, $3,305.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

SAN FRANCISCO, Calif.—Until Oct. 16, 2:30 p.m., bids will be received by the Department of Public Works, Room 251 City Hall, under Spec. No. 18,885, for the improvement of Irving St., between 7th Ave. and 19th Ave. Estimated cost, $14,560.

The work involves:

(1) 5,700 l.f. granite curb redressed and reset;
(2) 430 l.f. armored concrete curb resent.
(3) 100 l.f. armored concrete curb;
(4) 32 each catchbasins reset or reconstructed;
(5) 32 each concrete curb inlets;
(6) 11 each street signs relocated;
(7) 2 each school "slow" signs relocated;
(8) 1,850 sq.ft. remove existing asphalt concrete pavement, consisting of a 6 in. concrete base and an asphaltic concrete wearing surface, where directed;
(9) 190 tons remove and replace asphaltic concrete wearing surface, where directed;
(10) 700 sq.ft. 6 in. Class E concrete base;
(11) 18,700 sq.ft. 8 in. Class E concrete pavement;
(12) 15 tons asphaltic concrete conform pavement;
(13) 14,000 sq.ft. one-course concrete sidewalk;
(14) 100 each Type No. 1 galvanized sheet iron pedestrian cross walk markers, in place;
(15) 480 each cros walk markers removed and reset;
(16) 600 sq.ft. asphalt macadam sidewalk, consisting of a 4 in. rock macadam base and a 1½ in. asphaltic concrete wearing surface.

Plans and specifications obtainable from City Engineer, John J. Casey, Room 351 City Hall, upon cash deposit of $10.

BIDS OPENED

SAN FRANCISCO, Calif. — Pacific Pavements Co., Ltd., 85 Barstow St., San Francisco, at $701.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,886 for spreading screenings and spraying emulsified asphalt over the existing ballast of the Belt Lire Railroad along Marina Blvd., involving:

(1) 190 tons spreading screenings;
(2) 31.50 gals. spraying emulsified asphalt.

Complete bids follow:

Pacific Pavements Co., Ltd.—(1) $2.20· (2) $0.09; (3) total, $701.50;
Chas. L. Harney—(1) $2.10; (2) $0.10; (3) $714;
Theo. Cohn—(1) $2.20; (2) $0.10; (3) $733;
Arthur Wallgren—(1) $2.34; (2) $0.105; (3) $775.30;
E. J. Tracy—(1) $2.28; (2) $0.12· (3) $811.20;
M. Mertolino—(1) $3.50; (2) $0.10; (3) $980.

Bids held under advisement.

NOTICE TO BIDDERS

STATE OF CALIFORNIA.—C. H Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on October 16, and in Los Angeles on October 17·

X-Sol-7-C Fairfield to Vacaville, to be opened Oct. 16: PLANS (No. of Sheets) 20; (Cost) $2.00; CROSS-SECTIONS: (No. of Sheets) 152; (Cost) $15.20; (Total) $17.20.

VII-L.A.-9-B, Verdugo Rd. to Flintridge Country Club, to be opened Oct. 17: PLANS (No. of Sheets) 29; (Cost) $2.90; CROSS-SECTIONS (No. Sheets) 38; (Cost) $3.80; (Total) $6.70.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

CONTRACT RE-AWARDED

SNOHOMISH CO., Wash. — Siems-Spokane Co., Realty Bldg., Spokane, at $256,428 awarded contract by L. V. Murrow, Director of Highways, Olympia, for 2.9 miles clearing, grading, draining, surfacing with crushed stone and constructing timber framed trestle, Section B, Public Works Project No. 7713.

Bids were opened September 10 and the low bidder, Goodfellow Brothers, Wenatchee, at $236,864, were allowed to withdraw their bid due to an error in figuring.

CONTRACT AWARDED

COLUMBIA COUNTY, Wash.—Sather &Sons, 12039 Greenwood St., Seattle, at $4769 awarded contract by L. V. Murrow, Director of Highways, Olympia, October 1, for constructing cable guard rail on about 1.9 miles of State Road No. 3, Dayton to New Hope in Columbia County.

BIDS OPENED

SIERRA COUNTY, Cal.—Beerman & Jones, 430 Bank of America Bldg., Stockton, at $3.50 per cu. yd., total $4095 submitted only bid received by the State Division of Highways, C. H. Whitmore, District Engineer, Marysville, Sept. 30, for furnishing and stockpiling 1170 cu. yds. of untreated crushed gravel or stone surfacing at Downieville, abount 0.3 mile in length.

CONTRACT AWARDED

PIERCE COUNTY, Wash.—Pame & Gallucci, Inc., 1521 S. Grant, Tacoma, at $122,267 submitted low bid and was awarded contract by L. V. Murrow, Director of Highways, Olympia, Oct. 1, for paving with cement concrete and asphaltic concrete about 1.9 miles of State Road No. 1, South Tacoma Way bet. South 40th and South M Sts. Tacoma.

Jos. Warter, Sr., Tacoma, at $129,327 submitted second low bid, and Arcorace & Coluccio, Seattle, at $149-196 submitted third low bid.

CONTRACT AWARDED

SIERRA COUNTY, Calif.—Beerman & Jones, 430 Bank of America Bldg., Stockton, at $4,095 awarded contract by the State Highway Commission, Sacramento, for furnishing and stockpiling 1170 c.y. of untreated crushed gravel or stone surfacing at Downieville, about 0.3 mile in length.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at $3,825 awarded contract by the State Highway Commission, Sacramento, for 10.5 miles of liquid asphalt treatment in San Bernardino County between Camp Angelus and South Fork of Santa Ana River on the Mill Creek Road.

BIDS OPENED

SACRAMENTO COUNTY, Cal.—J. R. Reeves, R. D. No. 3, Box 100, Sacramento, at $4101 submitted low bid to the U. S. Engineer Office, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-29, for construction of about 900 lin. ft. of bituminous highway 20-feet wide with 4-foot shoulders over hydraulic dredge fill in West Sacramento; "road rock" approach road and "road rock" connecting area, involving:

(1) 900 lin. ft. bituminous highway;
(2) 500 sq. yds. road rock approach road;
(3) 100 sq .yds. do connecting area.
(4) 900 lin. ft. seal coat.

Total bids follow:

(A) J. R. Reeves, Sacramento, $4101.
(B) A. Teichert & Son, Inc., Sacramento, $4185.
(C) Heafey-Moore Co., Oakland, $1770

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.85	$3.90	$6.50
(2)	.70	.75	1.35
(3)	.70	.75	1.35
(4)	.24	.25	.50

Bids held under advisement.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal.—Square Oil Co., 916 Adobe St., Los Angeles, at $1,224, submitted low bid to the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, Oct. 7, for highway oiling in San Bernardino county, between Klinefelter and easterly boundary, about 15 miles in length, liquid asphalt to be furnished and applied.

The work involves:

(1) 102 tons liquid asphalt in place.

The bids were:

	(1)	Total
Square Oil Co., Los Angeles	$12.00	$1224.00
Morgan Bros., Huntington Park	12.25	1249.50
Lamb's Transfer Long Beach	12.95	1320.90
Gilmore Oil Co., Los Angeles	13.90	1417.80
Paulsen & March, Los Angeles	14.12	1440.24
Oilfields Trucking Co., Bakersfield	17.52	1787.24

ALAMEDA COUNTY—UNDERGRADE CROSSING—STATE

ALAMEDA COUNTY, Cal.—J. E. Knapp, 1401 Park Ave., Oakland, a $359,932, submitted low bid to the State Highway Commission, Sacramento, for constructing an undergrade crossing of Peralta St., Adeline St., and San Pablo Ave. in the cities of Oakland and Emeryville, consisting of reinforced concrete rigid frame underpass structures and retaining wall approaches and paved street connections.

The work involves:

(1) 1 lot clearing site;
(2) 75,000 cu. yds. excav. without class;
(3) 13,000 cu. yds. Class B Portland cement concrete (structures);
(4) 370 cu. yds. Class B Portland cement concrete (railings);
(5) 1530 cu. yds. Class B Portland cement concrete (pavement);
(6) 210 cu. yds. Class B Portland cement concrete (curbs & gutters);
(7) 2000 bbls. extra Portland cement
(8) 2,200,000 lbs. bar reinf. steel;
(9) 650 lin. ft. 8-in. cast iron pipe;
(10) 685 lin. ft. 10-in. cast iron pipe;
(11) 44 lin. ft. 14-in. cast iron pipe;
(12) 60 lin. ft. 16-in. cast iron pipe;
(13) 14,000 lbs. special castings;
(14) 7000 tons selected base material;
(15) 475 tons crusher run base;
(16) 7000 tons asphalt concrete;
(17) 1 lot remove and replace sewers;
(18) 1 lot pumping equipment complete in place;
(19) 1 lot electric lighting system complete in place;
(20) 1 lot miscellaneous items of work

Total bids follow:

(A) J. F. Knapp, Oakland..$359,932.00
(B) Bates & Rogers Constr. Co., Oakland 379,790.25
(C) Clinton Construction Co., San Francisco 382,300.00
(D) Lindgren & Swinerton, Inc., S. F. 385,318.30
(E) Barrett & Hilp, S. F..... 399,786.00
(F) MacDonald & Kahn Co., Ltd., S. F. 406,463.95
(G) Union Paving Co., S. F. 419,012.75
(H) Eaton & Smith, S. F..... 429,936.00
(I) Peninsula Paving Co., San Francisco 439,905.00
(J) Bodenhamer Construction Co., Oakland 449,390.65

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$4,500.00	$500.00	$2,645.00	$2,896.00	$700.00	$6,000.00	$6,000.00	$2,100.00	$1,000.00	$20,000.00
(2)	.60	.55	.64	.56	.68	1.00	.90	1.00	.93	1.20
(3)	10.00	10.80	10.70	10.20	11.00	12.00	10.80	11.26	12.00	13.00
(4)	44.00	36.30	27.00	45.00	37.00	29.00	50.00	39.00	45.00	30.00
(5)	8.00	12.60	9.70	11.41	12.00	9.00	9.00	9.00	10.00	8.50
(6)	15.00	20.25	13.00	16.30	18.00	14.00	15.00	17.00	12.50	12.00
(7)	2.00	2.30	2.00	2.00	2.00	2.15	2.15	2.50	2.50	2.10
(8)	.035	.036	.036	.038	.037	.03347	.04	.04	.04¼	.03½
(9)	1.50	2.35	3.00	2.75	2.50	1.25	2.45	1.90	2.50	2.00
(10)	2.00	3.00	3.40	3.50	3.40	1.85	2.75	2.20	3.00	2.50
(11)	3.75	5.00	5.00	6.50	5.50	3.30	4.0075	3.50	5.00	3.10
(12)	3.75	6.50	6.50	7.50	7.00	4.00	5.25	4.00	6.00	3.80
(13)	.05	.056	.07	.05	.06	.05	.07	.06	.08	.08
(14)	.80	.68	.83	1.25	1.10	.80	1.50	1.25	.75	1.00
(15)	1.60	3.15	1.80	2.00	2.00	1.60	1.50	1.60	2.00	2.25
(16)	3.50	3.65	4.80	4.50	4.00	4.00	3.80	4.00	5.00	3.00
(17)	14,000.00	20,000.00	16,860.00	17,975.00	20,000.00	10,740.00	14,000.00	15,000.00	14,500.00	6,000.00
(18)	2,000.00	2,000.00	2,800.00	2,096.00	3,000.00	2,025.00	2,000.00	2,200.00	2,000.00	2,000.00
(19)	12,500.00	15,000.00	12,000.00	12,000.00	13,750.00	10,000.00	15,000.00	19,000.00	12,000.00	17,000.00
(20)	5,000.00	3,000.00	4,000.00	380.00	5,000.00	3,800.00	3,600.00	4,000.00	5,000.00	4,000.00

BIDS OPENED

ALAMEDA COUNTY, Cal.—Independent Constr. Co., Ltd., 46th Ave. and Clement St., Oakland, at $10,128 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for constructing crusher run base and applying liquid asphalt on about two miles between Scotts Corner and Arroyo Del Valle bridge in Alameda County, involving:

(1) 5600 tons crusher run base;
(2) 32 tons liquid asphalt, SC-1A.

Complete bids follow:

Independent Constr. Co., Ltd., Oakland, (1) $1.74; (2) $12; total $10,128.

J. A. Casson, Hayward, (1) $1.80; (2) $15; total $10,560.

Heafey-Moore Co., Oakland, (1) $1.93; (2) $12.80; total $11,217.

Lee J. Immel, Berkeley, (1) $1.97; (2) $12; total $11,416.

Jones & King, Hayward, (1) $1.98; (2) $19; total, $11,696.

LOW BIDDER

LASSEN COUNTY, Cal.—Isbell Construction Co., Reno, Nevada, at $14,275 submitted low bid to the Division of Highways, F. W. Haselwood, Dist. Engineer, Redding, for 5.3 miles grading between Litchfield and 5.3 miles easterly, in Lassen County.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—American Dredging Co., 255 California St., San Fracisco, at $172,313.30 awarded contract by the State Highway Commission, Sacramento, for about two miles of grading by dredging in the City of Berkeley, between the foot of Folger Ave. and Gilman Street.

BIDS OPENED

RIVERSIDE COUNTY, Cal.—Lamb's Transfer Co., 828 Cowles St., Long Beach, at $1,692, submitted low bid to the Department of Public Works, Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, Oct. 7, for highway oiling in Riverside County, on Iowa Ave., between E. 8th St., near Riverside and La Cadena Dr., about 3 miles in length, shoulders to be treated with liquid asphalt.

The work involves:

(1) 235 tons liquid asphalt in place.

The bids were:

	(1)	Total
Lamb's Transfer Co., Long Beach	$7.20	$1692.00
Paulsen & March, Los Angeles	7.53	1769.55
Morgan Bros., Huntington Park	7.60	1786.00
Gilmore Oil Co., Los Angeles	7.62	1790.70
Square Oil Co., Los Angeles	7.75	1821.25

TO ASK NEW BIDS

STEVENS COURT, Wash.—L. V. Murrow, Director of Highways, Olympia, has announced that new bids will be asked for grading, draining, and surfacing with crushed stone about 1.9 miles of State Road No. 3, Colville to Palmers Siding, in Stevens County.

Fred G. Redmon, 303 South Fifth Ave., Yakima, at $22,987.30 awarded the contract on September 17, but has defaulted.

BIDS OPENED

SAN BERNARDINO COUNTY, Cal. — Lamb's Transfer Co., 828 Cowles Ave., Long Beach, at $1,168.70, submitted low bid to the Dept. of Public Works Division of Highways, E. Q. Sullivan, District Engineer, San Bernardino, Oct. 7, for highway oiling in San Bernardino County, between the east city limits of Redlands and Calimesa S, about 4.8 miles in length, shoulders to be treated with liquid asphalt.

The work involves:

(1) 155 tons liquid asphalt in place.

The bids were:

	(1)	Total
Lamb's Transfer, Long Beach	$7.54	$1168.70
Morgan Bros., Huntington Park	7.60	1178.00
Paulsen & March, Los Angeles	7.81	1210.55
Square Oil Co., Los Angeles	8.00	1240.00
Gilmore Oil Co., Los Angeles	8.38	1298.90

Contract Awarded

SHASTA COUNTY, Calif. — Frank C. Cuffe, Box 441, San Rafael, at $17,700.60, awarded contract by the Bureau of Public Roads, 461 Market St., San Francisco, for grading and placing subgrade reinforcement on 0.883 mile of Section H, Route 77, the Mt. Shasta-Mt. Lassen National Forest Highway, Shasta National Forest, Shasta County.

CONTRACT AWARDED

PETALUMA, Sonoma Co., Cal.—Palo Alto Road Materials Co., 465 California Ave., Palo Alto, at $0.018 per sq. ft. awarded contract by the Petaluma City Council, Gladys V. Roberts, City Clerk, for applying approximately 16,700 sq. ft. of armor coat or bituminous binder on Dana Street from its intersection with the south line of Webster St., a distance of 540 ft. southerly, and on Wilson St. from its intersection with the west line of Washington St., approximately 950 ft. northwesterly.

Complete bids follow:

Palo Alto Road Materials Co., Palo Alto, $0.018 per sq. ft.

Lee J. Immel, Berkeley, $0.018 per sq. ft.

Albert Helwig, Sebastopol, $0.019 per sq. ft.

Bids Wanted

COCHISE COUNTY, Arizona—Until October 25, 2:30 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Douglas-Safford Highway, W.P.S.S. 114-C; A.F.E. 8109. The work, which is to begin at

KINGS COUNTY—1.5 MILE GRADE & PAVE—STATE

KINGS COUNTY, Cal. — Southern California Roads Co., 2145 E. 25th St., Los Angeles, at $43,404.25 submitted low bid to the State Highway Commission, Sacramento, for about 1.5 miles grading and paving with asphalt concrete between Hanford and one and one-half miles easterly, in Kings County.

The work involves:

(1) Clearing and grubbing right-of-way;
(2) 1200 M. gals. water;
(3) 5000 cu. yds. roadway excavation without class;
(4) 10,500 cu. yds. imported borrow;
(5) 80 cu. yds. ditch and channel excavation;
(6) 21,500 sta. yds. overhaul;
(7) 650 cu. yds. struct. excav.;
(8) 10,000 sq. yds. subgrade preparation;
(9) 80 stations finishing roadway;
(10) 190 tons liquid asphalt SC-2 (shoulders);
(11) 19,000 sq. yds. preparing, mixing and shaping (shoulders);
(12) 9000 sq. yds. asph. paint binder;
(13) 4165 tons asphalt conc. base and leveling course;
(14) 2175 tons asphalt conc. surface course;
(15) 15 cu. yds. Class A Portland cement concrete (structures);
(16) 6.5 cu. yds. Class A Portland cement concrete (curbs);
(17) 1330 lbs. bar reinf. steel (structs)
(18) 612 lin. ft. 12-in. standard reinf. concrete pipe;
(19) 150 lin. ft. 18-in. do;
(20) 54 lin. ft. 30-in. do;
(21) 18 lin. ft. 12-in. plain concrete pipe;
(22) 120 lin. ft. laminated guard rail;
(23) 8 each culvert markers;
(24) 1 mile existing property fences moved and reset;
(25) 3 each drive gates;
(26) 150 cu. yds. existing concrete removed and disposed of;
(27) 120 cu. yds. drainage sumps;
(28) 4 each framea and grates for drop inleta.
(29) 13 each monuments complete in place.

Total bids follow:

(A) Southern California Roads Co., Los Angeles, $43,404.25.
(B) Union Paving Co., San Francisco, $45,592.55.
(C) Hanrahan - Wilcox Corp., San Francisco, $49,597.30.
(D) Basich Bros., Tarronce, $51,961.80.
(E) Steward & Nuss, Inc., and John Jurkovich, Freano, $52,685.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$200.00	$500.00	$250.00	$75.00	$1500.00
(2)	.80	.50	1.00	2.00	1.00
(3)	.32	.60	.35	.50	.50
(4)	.40	.47	.60	.70	.50
(5)	.60	1.00	.60	.70	1.00
(6)	.015	.02	.005	.005	.01
(7)	1.00	1.00	.70	2.00	1.00
(8)	.09	.10	.07	.12	.10
(9)	5.00	8.50	5.00	15.00	5.00
(10)	10.50	12.50	11.00	12.00	15.00
(11)	.075	.10	.06	.12	.05
(12)	.02	.04	.02	.03	.02
(13)	4.20	3.80	4.90	4.00	5.00
(14)	4.35	3.95	5.25	4.50	5.00
(15)	27.50	25.00	25.00	30.00	30.00
(16)	25.00	20.00	27.50	20.00	20.00
(17)	.06	.10	.07	.08	.04
(18)	1.10	1.90	1.00	1.80	2.00
(19)	1.80	2.75	1.65	2.00	3.00
(20)	3.60	5.00	3.00	4.00	5.00
(21)	.70	1.00	.65	1.60	1.00
(22)	1.20	1.50	1.50	2.00	2.00
(32)	2.50	3.00	2.50	3.00	2.00
(24)	220.00	350.00	200.00	400.00	200.00
(25)	16.00	20.00	19.00	10.00	20.00
(26)	2.00	5.00	3.00	5.00	2.00
(27)	7.00	5.00	5.00	5.00	5.00
(28)	40.00	40.00	30.00	20.00	40.00
(29)	2.50	3.00	2.50	3.00	3.00

the town of Elfrida (about 25 miles north of Douglas) and is to extend northerly for about 10.2 miles, consists of grading, draining and placing aggregate base course, and is to be completed on or before May 31, 1936. The principal items and approximate quantities are:

17,200 cu. yds. roadway excavation;
2.2 miles grading roadway to section;
1,400 lin. ft. grading and constructing fords to section (C.I.P.);
21,200 cu. yds. imported borrow;
10,400 cu. yd. mi. imported borrow haul;
32,100 cu. yds. aggregate base course (C.I.P.);
40 cu. yds. class "A" concrete;
2,200 lbs. reinf. steel;
1,166 lin. ft. C.M.P. (various sizes);
95,000 lin. ft. line fence;
50,500 lin. ft. grader ditcher;
300 hours rolling;
300 M. gals. sprinkling;
and other incidental items.

Funds in the sum of $100,000 have been programmed for this project.

Plans may be obtained from the State Highway Engineer, T. S. O'Connell. Certified or cashier's check, 5 per cent.

BIDS WANTED

MOHAVE COUNTY, Arizona—Until October 25, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Ashfork-Kingman Highway, F. A. 80-I; A.F.E. 6623.

The work, which begins at the Hualpai Indian Reservation eastern boundary about 60 miles northeast of Kingman and extends southeasterly 10.8 miles, consists of grading, draining and placing aggregate base course; and is to be completed on or before August 31, 1936.

The principal items and approximate quantities are:

54,600 cu. yds. roadway excavation;
7,600 cu. yds. drainage excavation;
1,300 cu. yds. slides and overbreakage;
1,400 cu. yds. structural excavation;
23,600 sta. yds. earthwork O. H.;
4,300 cu. yd. mi. earthwork haul;
122,000 cu. yds. imported borrow;
111,000 cu. yd. mi. imported borrow haul;
25,900 cu. yds. aggregate base course;
48,200 cu. yd. mi. A.B.C. haul;
1,020 cu. yds. class "A" concrete;
83,400 lbs. reinf. steel;
1,666 lin. ft. C.M.P. (various sizes);
115,000 lin. ft. line fense;
220 hours. rolling;
400 M gals. sprinkling;
32,000 cu. yds. stripping pits;
and other incidental items.

Funds have been programmed for the construction of this project in the amount of $172,747.84.

Plans may be obtained from T. S. O'Connell, State Highway Engineer. Certified check or cashier's check, 5 per cent.

Contract Awarded

SONOMA, Sonoma County — Albert A. Helwig, 115 S. Main St., Sebastopol, at (1) $2,825 and (2) $950, submitted low bids and awarded contract by the Sonoma City Council, subject to approval by the State Highway Commission, for applying armor coat to streets in the City of Sonoma.

Bids were taken as follows:

(1) 115,000 sq. ft. applying armor coat.
(2) 38,000 ft., 8 ft. shoulders, oil coat.

Complete bids follow:

Albert Helwig, Sebastopol—(1) $2,825; (2) $950.
Lee J. Immel, Berkeley—(1) $3,103.60; (2) $1,045.
Ransome Co., Emeryville—(1) $3,312; (2) $1,102.
E. A. Forde, San Anselmo—(1) $3,415; (2) $1,140.

Contract Awarded

BERKELEY, Alameda County, Cal. —Ransome Co., 4030 Hollis St., Emeryville, at $978.68 submitted low bid and awarded contract by the Berkeley City Council, Florence Turner, City Clerk, for widening Ashby Ave., between Domingo Ave. and Claremont Blvd., a distance of one block.

The work involves:

(1) 110 cu. yds. grading;
(2) 5 cu. yds. grading below subgrade;
(3) 410 lin. ft. curb and gutter;
(4) 11 tons crusher run base;
(5) 1000 sq. ft. bituminous surfacing;
(6) 3000 sq. ft. bituminous resurfacing
(7) 400 sq. ft. driveway;
(8) 570 sq. ft. sidewalk;
(9) 4 cu. yds. concrete wall.

Total bids follow:

(A) Ransome Co., Emeryville.. $978.68
(B) W. H. Larson, Berkeley....1,083.50
(C) Lee J. Immel, Berkeley.....1,234.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.00	$1.50	$1.00
(2)	3.00	1.50	2.00
(3)	.62	.80	.80
(4)	2.48	2.50	2.00
(5)	.08	.08	.15
(6)	.04	.07	.10
(7)	.25	.21	.30
(8)	.16	.15	.20
(9)	17.75	24.00	20.00

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until October 31, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.7 mile grading in San Diego County at Santa Margarita River.

The work involves:

(1) 2700 M gals. water;
(2) 67,500 cu. yds. imported borrow;
(3) 2650 cu. yds. struc. excavation;
(4) 31 stations finishing roadway;
(5) 15 ton liquid asphalt SC-2 (detours);
(6) 3800 tons heavy riprap;
(7) 0.6 mile new property fence;
(8) 2 each drive gates.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until October 31, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for 3.5 miles grading and paving with Portland cement concrete in Los Angeles County, on Rosemead Blvd., bet. San Gabriel Blvd. and Ramona Blvd.

The work involves:

(1) 186 stations clear and grub right-of-way;
(2) 1735 M gals. water;
(3) 180 cu. yds. removing concrete;
(4) 27,000 cu. yds. rdwy. excav. unclass.;
(5) 578,000 sta. yds. overhaul;
(6) 2400 cu. yds. struc. excav.;
(7) 850 cu. yds. ditch excav.;
(8) 50,500 cu. yds. imported borrow;
(9) 39,000 sq. yds. blending subgrade material;
(10) 85 tons liquid asphalt 90-95 (road bed seal coat);
(11) 43,400 sq. yds. preparing subgrade;
(12) 186 stations finishing rdwy.;
(13) 2 tons liquid asphalt MC-2 (prime coat);
(14) 320 tons mineral aggregate (plant mixed surfacing);
(15) 17 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(16) 8670 cu. yds. Class A Portland cement concrete (pavement);
(17) 87,000 lbs. bar reinforcing steel (pavement and strucs.);
(18) 11,800 each pavement dowels;
(19) 600 cu. yds. Class A Portland cement concrete (strucs.);
(20) 19,000 lbs. misc. iron and steel;
(21) 8500 lbs. railroad rail assemblies;
(22) 100 lin. ft. 8-in. CMP;
(23) 310 lin. ft. 18-in. CMP;
(24) 90 lin. ft. 24-in. CMP;
(25) 360 lin. ft. 30-in. CMP;
(26) 40 lin. ft. 42-in. CMP;
(27) 140 lin. ft. clean and salvage exist. CMP culverts;
(28) 50 cu. yds. Class A Port. cem. concrete (curbe and gutters);
(29) 100 lin. ft. curb armor;
(30) 34 each culvert markers complete in place;
(31) 56 each timber guide posts complete in place;
(32) 600 lin. ft. double type bank protection fence;
(33) 2 each temporary pavement crossing devices.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until October 30, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 4 mi. grading and paving with asphalt concrete in Alameda County, between San Francisco Bay Bridge and Folger Avenue.

The work involves:

(1) 75,00 cu. yds. rdwy. excav., unclass.;
(2) 616,000 sta. yds. overhaul;
(3) 3860 cu. yds. struc. excav.;
(4) 210 stations finishing rdwy.;
(5) 45,500 tons imported base material;
(6) 41,500 tons crusher run base;
(7) 80 tons liquid asphalt SC-2 (shoulders);
(8) 370 tons screenings (shoulders);
(9) 31,515 tons asphalt concrete;
(10) 119 cu. yds. Class A Portland cement concrete (pavement);
(11) 97,400 lbs. bar reinf. steel;
(12) 262 cu. yds. Class A Portland cement concrete (structures);
(13) 860 lin. ft. 12-in. CMP;
(14) 1370 lin. ft. 18-in. CMP;
(15) 400 lin. ft. 6-in. vitrified clay pipe;
(16) 610 lin. ft. 8-in. vitrified clay pipe (underdrains);
(17) 210 tons broken stone (sub drainage);
(18) 916 cu. yds. Class A Port. cem. concrete (curbs);
(19) 500 lin. ft. laminated guard railing,
(20) 400 each guide posts.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

CLARK COUNTY, Nev.—Until October 23, 2 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway system in Clark County, Route 12, Section B2, between Logandale and Overton, a length of approximately 5.72 miles.

The work involves:

(1) 37,354 lin. ft. remove fence;
(2) 348 lin. ft. remove culvert pipe;
(3) 12 each remove culvert headwalls;
(4) 21 each remove diversion boxes;
(5) 19 each remove culverts (wooden);

(6) 15 each remove trees
(7) 8,270 cu. yd. roadway excavation;
(8) 89,200 cu. yd. select borrow;
(9) 1,240 cu. yd. structure excavation;
(10) 5.72 miles subgrade;
(11) 5.72 miles finish roadway;
(12) 17,630 tons cr. gravel or stone surface;
(13) 2,910 gal. water;
(14) 134 cu. yd. class "A" concrete;
(15) 38 cu. yd. class "B" concrete;
(16) 16,460 lbs. reinforced steel;
(17) 7.5 m. ft. b. m. redwood;
(18) 100 lin. ft. 8 in. corr. metal pipe (dipped);
(19) 996 lin ft. 18 in. corr. metal pipe (dipped);
(20) 860 lin. ft. 24 in. corr. metal pipe (dipped);
(21) 72 lin. ft. 30 in. corr. metal pipe (dipped);
(22) 150 lin. ft. 36 in. corr. metal pipe (dipped);
(23) 69 each monuments;
(24) 9,502 lin. ft. construct fence;
(25) 36,735 lin. ft. reconstruct fence;
(26) 2 each move timber structures;
(27) 50 lin. ft. 4 in. pipe;
(28) each 16 ft. steel gates;
(28) 31 each 16 ft. steel gates;
(30) 36 lin. ft. 2 ft. x 1.5 ft. laminated culvert;
(31) 146 lin. ft. 3 ft. x 3 ft. laminated culvert.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco. •

30—RESERVOIRS & DAMS

BOND ELECTION

SAN BENITO COUNTY, Cal.—The Board of Directors of the Pacheco Pass Water District has set October 31 as the date of a special election to vote on a bond issue of $200,000 to finance construction ofirrigation works, dams, reservoirs, canals and works for the storage and distribution of water to supply the lands contained within the district with sufficient water for irrigation purposes.

The district has an application pending with the PWA for a loan of $184,000 and a grant of $150,000.

L. G. Barrett, secretary of the district.

Fred H. Tibbetts, Alaska Commercial Bldg., San Francisco, engineer. 30

31 — PIPE LINES & WELLS

PLANNED

ALAMEDA AND CONTRA COSTA Counties, Cal.—The East Bay Municipal Utility District will construct a 14 mile pipe line from the San Pablo Reservoir to the Crockett refinery of the California & Hawaiian Sugar Corporation. It has not been decided whether construction will be by contract or force account. The District recently purchased 65,500 lin. ft. of electric welded sheet steel pipe from the Steel Tank & Pipe Co., at $145,165.

BIDS OPENED

EVERETT, Wash. — Puget Sound Machinery Depot, 322 First Ave., So., Seattle, at $136,573 on Schedule A (enameled pipe) and at $126,703 on Schedule B (painted pipe) submitted low bids to the Everett City Council for the construction of a pipeline from Harrison Ave. and California St. to City Reservoir No. 2.

Complete bids follow:

Puget Sound Machinery Depot, Seattle, (A) $136,573; (B) $126,703.

Arcorace & Colucelo, Seattle, (A) $146,501; (B) $146,501.

L. Romano Engineering Co., Seattle, (A) $183,717; (B) $176,667.

Steel Tank & Pipe Co., Seattle, (A) $204,928; (B) $176,780.

Hydraulic Supply Co., Seattle, (A) no bid; (B) $179,817.

Bids held under advisement.

BIDS WANTED

Los Angeles—Until Oct. 24, 10 a.m., (as reviously reported) bids will be received by the Metropolitan Water District, 306 W. 3rd St., for constructing precast concrete pipe, steel pipe, or cast-in-place concrete pipe lines and appurtenant works of the Colorado River Aqueduct distribution system between Stations 926 plus 00 and 2257 plus 50 of the Upper Feeder. Spec. No. 115. The work is located within the counties of San Bernardino and Los Angeles, and comprises approximately 25.09 miles of pipe line construction between a point about 10 miles westerly from the City of San Bernardino and a point one-half mile north of the City of Glendora. The work is divided into schedules as follows:

Schedules	Length in mi.	Precast ft.	Precast in.	Cast-in-place ft.	Cast-in-place in.	Steel ft.	Steel in.
4P or 4C	4.90	12	8	13	0	....	....
5P or 5C	4.71	12	8	13	0	....	....
6P or 6C	5.18	11	8	12	0	....	....
7P or 7C	5.66	11	8	12	0	....	....
8P or 8S	4.64	10	3	....	....	10	10

Schedules 4P, 5P, 6P, 7P and 8P are alternative respectively to Schedules 4C, 5C, 6C, 7C and 8C.

The schedules and items are:

Schedule 4P.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 926 plus 00 and 1185 plus 40. Pipe diameter 12 ft. 8 in.; length 25,867 ft.

Schedule 4P is alternative to Schedule 4C and both will not be awarded.

(1) does not apply here;
(2) 465,000 cu. yds. excav. for pipe—side slope trench;
(3) 1300 cu. yds. excav. for structures;
(4) 290,000 cu. yds. backfill;
(5) does not apply here;
(6) 450 cu. yds. concrete in structures—reinforced;
(7) 50 cu. yds. concrete in structures—plain;
(8) does not apply here;
(9) 10,000 cu. yds. concrete in cradle;
(10) 25,867 lin. ft. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 46,000 lbs. placing reinf. steel in structures;
(14) 8,700,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 14,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 56,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 100 ton-miles hauling steel;
(26) 13,000 ton-miles hauling cement.

Schedule 4C

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 926 plus 00 and 1185 plus 40. Pipe diameter 13 ft.; length 25,867 ft.

Schedule 4C is alternative to Schedule 4P and both will not be awarded.

(1) does not apply here;
(2) 515,000 c.y. excav. for pipe—side slope trench;
(3) 900 c.y. excav. for structures;
(4) 326,000 c.y. backfill;
(5) 61,000 c.y. concrete in cast-in-place pipe;
(6) 200 c.y. concrete in structures, reinf.;
(7) 50 c.y. do, plain;
(8) (9) (10) and (11) do not apply here;
(12) 11,300,000 lbs. placing reinf. steel in cast-in-place pipe;
(13) 20,000 lbs. placing reinf. steel structures;
(14) does not apply here;
(15) 458,000 lbs. installing joint plates in cast-in-place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 68,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 4000 ton-miles hauling steel.
(26) 13,000 ton-miles hauling cement.

Schedule 5P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1185 plus 40 and 1436 plus 00. Pipe diameter 12 ft. 8 in.; length, 24,895 ft.

Schedule 5P is alternative to Schedule 5C and both will not be awarded.

(1) 31,000 c.y. excav. for pipe—vertical trench;
(2) 417,000 c.y. do—side slope trench
(3) 1600 c.y. excav. for structures;
(4) 280,000 c.y. backfill;
(5) does not apply here;
(6) 450 c.y. concrete in struc.—reinf.
(7) 50 c.y. do—plain;
(8) does not apply here;
(9) 10,000 c.y. concrete in cradle;
(10) 24,895 l.f. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 47,000 lbs. placing reinf. steel in structures;
(14) 8,400,000 lbs. furnishing and placreinf. steel in precast pipe;
(15) does not apply here;
(16) 12,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 58,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 100 ton-miles hauling steel;
(26) 23,000 ton-miles hauling cement.

Schedule 5C

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1185 plus 40 and 1436 plus 00. Pipe diameter 13 ft.; length, 24,895 ft.

Schedule 5C is alternative to Schedule 5P and both will not be awarded.

(1) 34,000 c.y. excav. for pipe—vertical trench;
(2) 456,000 c.y. do—side slope trench;
(3) 1200 c.y. excav. for structures;
(4) 308,000 c.y. backfill;
(5) 59,000 c.y. concrete in cast-in-place pipe;
(6) 200 c.y. concrete in struc.—reinf.
(7) 50 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 11,000,000 lbs. placing reinf. steel in cast in place pipe;
(13) 24,000 lbs. placing reinf. steel in structures;
(14) does not apply here;
(15) 434,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 66,000 lbs. installing misc. metal.
(21) (22) (23) and (24) do not apply here;
(25) 8000 ton-miles hauling steel;
(26) 24,000 ton-miles hauling cement.

Schedule 6P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1436 plus 00 and 1709 plus 30. Pipe diameters 11 ft. 8 in.; length, 27,348 ft.

Schedule 6P is alternative to Schedule 6C and both will not be awarded.

(1) 330,000 c.y. excav. for pipe—vertical trench;

(2) 36,000 c.y. do—side slope trench;
(3) 1000 c.y. excav. for structures;
(4) 205,000 c.y. backfill;
(5) does not apply here;
(6) 2000 c.y. concrete in struc.—reinf.
(7) 250 c.y. do—plain;
(8) 600 c.y. concrete in anchors;
(9) 12,500 c.y. concrete in cradle;
(10) 27,348 l.f. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 390,000 lbs. placing reinf. steel in structures;
(14) 8,100,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 16,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 40,000 lbs. installing misc. metal;
(21) 330 l.f. relocating and reconnecting 12-in. concrete pipe water main;
(22) (23) and (24) do not apply here;
(25) 400 ton-miles hauling steel;
(26) 30,000 ton-miles hauling cement.

Schedule 6C

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1436 plus 00 and 1709 plus 30. Pipe diameter 12 ft. 0 in.; length 27,348 ft.

Schedule 6C is alternative to Schedule 6P and both will not be awarded.
(1) 368,000 c.y. excav. for pipe—vertical;
(2) 39,000 c.y. do—side slope trench;
(3) 300 c.y. excav. for structures;
(4) 237,000 c.y. backfill;
(5) 56,000 c.y. conc. in cast-in-place pipe;
(6) 100 c.y. concrete in struc.—reinf.
(7) 250 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 9,000,000 lbs. placing reinf. steel in cast in place pipe;
(13) 13,000 lbs. placing reinf. steel in structures;
(14) does not apply here;
(15) 445,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 55,000 lbs. installing misc. metal;
(21) 330 l.f. relocating and reconnecting 12-in. concrete pipe water main;
(22) (23) and (24) do not apply here;
(25) 9,000 ton-miles hauling steel;
(26) 30,000 ton-miles hauling cement.

Schedule 7P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1709 plus 30 and 2009 plus 18. Pipe diameter 11 ft., 8 in.; pipe length, 29,878 ft.; spillway 166 ft.

Schedule 7P is alternative to Schedule 7C and both will not be awarded.
(1) 321,000 c.y. excav. for pipe—vertical trench;
(2) 58,000 c.y. do—side slope trench;
(3) 4200 c.y. excav. for structures;
(4) 206,000 c.y. backfill;
(5) does not apply here;
(6) 2650 c.y. concrete in struc.—reinforced;
(7) 150 c.y. do—plain;
(8) 1100 c.y. concrete in anchors;
(9) 11,500 c.y. concrete in cradle;
(10) 29,878 l.f. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 500,000 lbs. placing reinf. steel in structures;
(14) 8,500,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 13,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 80,000 lbs. installing misc. metal;
(21) does not apply here;
(22) 1150 l.f. relocating and reconnecting 10-in. concrete pipe water main;
(23) 1900 l.f. do 8-in. do;
(24) 1630 l.f. do 2-in. iron do;
(25) 300 ton-miles hauling steel;
(26) 17,000 ton-miles hauling cement.

Schedule 7C

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between 1709 plus 30 and 2009 plus 18. Pipe diameter 12 ft.; pipe length, 29,878 ft.; spillway 166 ft.

Schedule 7C is alternative to Schedule 7P and both will not be awarded.
(1) 363,000 c.y. excav. for pipe—vertical trench;
(2) 64,000 c.y. do—side slope trench;
(3) 3300 c.y. excav. for structures;
(4) 240,000 c.y. backfill;
(5) 62,000 c.y. concrete in cast-in-place pipe;
(6) 550 c.y. concrete in struc.—reinforced;
(7) 150 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 10,200,000 lbs. placing reinf. steel in cast in place pipe;
(13) 80,000 lbs. do in structures;
(14) does not apply here;
(15) 475,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and 19) do not apply here;
(20) 95,000 lbs. installing misc. metal;
(21) does not apply here;
(22) 1150 l.f. relocating and reconnecting 10-in. concrete pipe water main;
(23) 1900 l.f. do 8-in. do;
(24) 1630 l.f. do 2-in. iron do;
(25) 5000 ton-miles hauling steel;
(26) 17,000 ton-miles hauling cement.

Schedule 8P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 2009 plus 18 and 2257 plus 50. Pipe diameter 10 ft. 3 in.; length, 24,525 ft.

Schedule 8P is alternative to Schedule 8S and both will not be awarded.
(1) 202,000 c.y. excav. for pipe—vertical trench;
(2) 69,000 c.y. do—side slope trench;
(3) 2300 c.y. excav. for structures;
(4) 161,000 c.y. backfill;
(5) does not apply here;
(6) 800 c.y. concrete in struc.—reinforced;
(7) 100 c.y. do—plain;
(8) 650 c.y. concrete in anchors;
(9) 9100 c.y. concrete in cradle;
(10) 2147 l.f. precast concrete pipe—cage reinforcement;
(11) 22,402 l.f. precast concrete pipe—cylinder reinf.;
(12) does not apply here;
(13) 105,000 lbs. placing reinf. steel in structures;
(14) 11,000,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 13,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 80,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 200 ton-miles hauling steel;
(26) 23,000 ton-miles hauling cement.

Schedule 8S

Construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System bet. Stations 2009 plus 18 and 2257 plus 50. Pipe diameter 10 ft. 10 in.; length 24,525 ft.

Schedule 8S is alternative to Schedule 8P and both will not be awarded.
(1) 192,000 c.y. excav. for pipe—vertical trench;
(2) 62,000 c.y. do—side slope trench;
(3) 2600 c.y. excav. for structures;
(4) 165,000 c.y. backfill;
(5) does not apply here;
(6) 800 c.y. concrete in struc.—reinforced;
(7) 100 c.y. do—plain;
(8) 500 c.y. concrete in anchors;
(9) (10) (11) and (12 do not apply here;
(13) 90,000 lbs. placing reinf. steel in structures;
(14) (15) and (16) do not apply here;
(17) 6000 lbs. furnishing and installing manhole saddles and covers;
(18) 3000 lbs. furnishing and installing blow-off and air valve connections;
(19) 24,549 l.f. furnishing and installing ⅝-in. plate steel pipe;
(20) 174,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 300 ton-miles hauling steel;
(26) 1000 ton-miles hauling cement.

Plans and specifications may be obtained at Room 1007, 306 W Third St., Los Angeles, upon payment of $5 per set. F. E. Weymouth, General Manager and Chief Engineer. 31

Bids Wanted

WRANGELL, Alaska.—Until October 25, 7:30 p. m., bids will be received by the City Clerk, Wrangell, for construction of a steel pipe line, as follows: (1) between water main in road in front of Wrangell Power House and lower reservoir of town, about 3,555 feet; or (2) between water main in road in front of Wrangell Power House and point of connection on present pipe line, about 1500 fet below the lower reservoir, about 2,000 feet.

Plans and specifications obtainable from the above office upon desposit of $10.

32—SEWERS & SEWAGE DISPOSAL PLANTS

TO PREPARE PLANS

OAKLAND, Alamenda Co., Cal.—The Oakland City Council has directed City Engineer Walter Frickstad to prepare plans and secifications for the construction of a sewer in the Oak Knoll Tract, estimated to cost $32,450. The PWA has allotted a grant of $14,603 to aid in financing.

CONTRACT AWARDED

SAN FRANCISCO — M. J. Lynch, Oakdale and Earnevald Avenues, San Francisco, at $2798.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,883, for constructing a sewer in Army St., between Church and Dolores Streets.

BIDS WANTED

PALM SPRINGS, Riverside Co. Cal.—Until Oct. 21, 10 A. M., bids will be received by the Palm Springs Sanitary District at the Palm Spring School House, Palm Canyon Drive and Alejo Road, Palm Springs, for furnishing all labor, material, transportation and services for the construction of a sanitary sewer system and sewage disposal plant at Palm Springs, in accordance with plans and specifications which may be obtained at the office of the engineers, Davidson & Fulmor, 3646 7th St., Riverside, or from Alva J. Smith, consulting engineer ,810 Boylston Street, Pasadena. Certified check or bid bond for 5% must accompany each bid. Warren B. Pinney, President of the Board of Directors; Thomas A. Lipps, Secretary.

The proposed work is estimated to cost $63,636 and will include a vitrified pipe collection system and sludge digestion type sewage disposal plant.

The work involves:

SEWER SYSTEM

16,226 l.f. 8-in. vitrified sewer;
4,919 l.f. 10-in. vitrified sewer;
653 l.f. 12-in. vitrified sewer;
17,499 l.f. 15-in. vitrified sewer;
9 flushing manholes;
92 manholes.

SEWAGE DISPOSAL PLANT

Settling tanks, reinforced concrete. Three tanks in one unit, total 10x30 ft., 16 ft. deep.

Pump house, reinforced concrete floor and foundation; concrete block walls, asphaltic composition roof.

Sludge digester, circular 24-ft. dia., 13 ft. deep. Reinforced concrete construction.

Sludge drying bed, 40x100 ft.; concrete wall (23 c.y. complete).

Percolation beds for purifying effluent, 190x200 ft., excavation and leveling.

The disposal plant will involve in total:
925 c.y. excavation;
150 c.y. reinforced concrete.

Contract Awarded

BERKELEY, Alameda County, Cal. —Oakland Sewer Constr. Co., 9915 Walnut St., Oakland, at $3,085.75, submitted low bid and awarded contract by the Berkeley City Council, Florence Turner, City Clerk, for constructing a storm sewer in Ashby Avenue and Tunnel Road.

The work involves:
(1) 715 lin. ft. 18-in. sewer;
(2) 135 lin. ft. 15-in. sewer;
(3) 70 lin. ft. 12-in. sewer;
(4) 110 lin. ft. 10-in. sewer;
(5) 3 each manholes;
(6) 3 each catchbasins.

Total bids follow:
(A) Oakland Sewer Construction Co., Oakland $3,085.75
(B) L. L. Page, Richmond .. 3,515.50
(C) McGuire Hester, Oakland 4,451.25

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.00	$3.25	$4.00
(2)	2.65	2.95	3.75
(3)	1.00	2.25	3.50
(4)	.90	2.10	3.00
(5)	68.00	70.00	85.00
(6)	80.00	65.00	85.00

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SAN FRANCISCO, Calif.—Until Oct. 23, 2:30 p.m., bids will be received by the Department of Public Works, Room 251 City Hall, under Spec. No. 18,892, for the reconstruction of the sewer in Perry St., between 4th and 5th Sts., including necessary connection with the existing sewer in Harrison St. Estimated cost, $4,790

The work involves:
(1) 488 l.f. 12 in. V.C.P. sewer in place;
(2) 115 l.f. 15 in. ditto
(3) 242 l.f. 18 in. ditto
(4) 3 each brick manholes (frames and covers furnished)
(5) 2 each brick manholes, complete;
(6) 3 each catchbasins, complete;
(7) 110 l.f. 10 in. V.C.P. culvert, in place;
(8) 60 l.f. 6 in. V.C.P. side sewer, in place;
(9) 60 l.f. 8 in. ditto
(10) 4 each 12x6 in. Y branches;
(11) 3 each 12x8 in. Y branches;
(12) 2 each 15x6 inches Y branches;
(13) 3 each 18x8 in. Y branches.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351 City Hall, upon cash deposit of $10.

33— WATER WORKS

ENGINEER APPOINTED

SACRAMENTO, Cal.—City Council has appointed Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer, to prepare plans and specifications for improvements to the filtration plant.

An election probably will be held November 5 to vote $375,000 in bonds for the water department and $90,000 for sewer extensions.

The PWA has allotted $308,000 for the water work and $73,630 for sewer improvements. • 33

BIDS REJECTED

FRESNO, Fresno Co., Cal.—All bids received by the Fresno City Commission, H. S. Foster, City Clerk, Oct. 3, for furnishing gate valves for the Water Department were rejected and Commissioner of Public Works Jean L. Vincenz will purchase the valves in the open market.

Seventeen identical bids at $1857 each were received. •

CONTEMPLATED

SAN JOSE, Santa Clara Co., Cal.—City Council has under consideration a report of City Engineer W. L. Popp estimating costs of constructing municipal water supply and distributing system to replace existing plant of San Jose Water Works. Cost of constructing new system is estimated at $2,960,000 and cost of replacing existing system, $2,700,000.

Included in estimates for new construction are replacements of 4-in. mains with 6-inch in 205 miles of streets; service connections, meters, 200 additional fire hydrants, four emergency pumping stations connected to Diesel stand-by plant; storage reservoir. A portion of the city's water supply would be obtained from the Coyote reservoir of the Santa Clara Valley Water Conservation District.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — Robert Garcia Well Drilling & Pump Co., 2045 University Ave., Palo Alto, at $787.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,887, for making test holes for fire cisterns in Dolores St., at various locations.

Complete bids published October 3.

BONDS VOTED

SUISUN, Solano Co., Cal.—A bond issue of $22,000 was approved by a vote of 192 to 12 at a special election in Suisun October 7. Money will finance reconstruction and improvement of the municipal water system. Application has been filed with the PWA for a grant of $15,600 to aid in financing the project, total cost of which is estimated at $37,600.

Clyde C. Kennedy, Call Bldg., San Francisco, is consulting engineer.

34— PARKS & PLAYGROUNDS

October 10, 1935

CONTRACT AWARDED

SAUSALITO, Marin Co., Calif. — Kamian Fence Co., 351 Bryant St., San Francisco, at $725 awarded contract by City Council for certain fencing about the public tennis courts, San Carlos and Santa Rosa Avenues, Sausalito. Complete bids follow:
Kamian Fence Co. $725.00
Standard Fence Co. 762.35
Anchor Post Fence Co. 780.00
All of San Francisco.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SAN BENITO COUNTY, Calif.—L. A. Brisco, Arroyo Grande, at $[illegible] awarded contract by the State Highway Commission, Sacramento, for treating with liquid asphalt about 17.8 miles between Lonoak and San Benito, in San Benito County.

Complete bids published October 5.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until October 21, 2 p.m., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211 State Bldg., San Francisco, for about planing about 4.6 miles of existing asphalt concrete pavement in Alameda County, between the easterly boundary and Greenville.

The work involves 25,000 sq.ft. of planing existing asphaltic concrete pavement.

Plans and specifications obtainable from the above office. • 29

BIDS WANTED

SANTA CLARA COUNTY—Until October 21, 2 p. m., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211 State Bldg., San Francisco, for about 0.23 mile grading and surfacing with creek run gravel base in Santa Clara County, between Sunnyvale and Saratoga.

The work involves:
(1) Lump sum, clearing and grubbing right of way.
(2) 100 gals. water.
(3) 360 c. y. roadway excav. unclass.
(4) 160 c. y. atructure excavation.
(5) 5,200 c. y. imported borrow, in place.
(6) 9.5 stations finishing roadway.
(7) 750 c. y. creek run gravel base, in place.
(8) 8 tons liquid asphalt, SC-2, in place.
(9) 12 tons screenings, in place.
(10) 10,900 lbs. bar reinforcing steel, in place.
(11) 118 c. y. Class A Portland cement concrete in place (structures).
(12) 7 c. y. dry rubble, in place.
(13) 40 l. f. laminated guard rail, in place.
(14) 8 each guide posts, in place.
(15) 3 each monuments, in place.
(16) 120 c. y. asphalt surfacing removed and disposed of.
(17) 175 c. y. concrete, removed and disposed of.

Plans and specifications obtainable from the above office. •

BIDS OPENED

IMPERIAL COUNTY, Cal.—R. E Hazard Contracting Co., P. O. Box 1438, San Diego, at $151,293.50 submitted low bid to the Division of Highways, C. H. Purcell, Chief Engineer, State Bldg., Los Angeles, for about 12.5 mi. grading and surfacing with plant mixed surfacing (medium curing type) between East Highline Canal and Midway Wells, Imperial Co.

Total bids follow:
(A) R. E. Hazard Contracting Co., San Diego $151,293.50
(B) V. R. Dennis Constr. Co., San Diego 165,563.75
(C) Oswald Bros, L. A. 167,990.95
(D) Mundo Engineering Co., Los Angeles 170,318.00
(E) Daley Corp., San Diego 177,706.50
(F) Gibbons & Reed Co., Burbank 177,852.45
(G) Sharp & Fellows Contracting Co., L. A. 194,817.50
(H) Jack A. Casson, Hayward 195,611.00
(I) Griffith Co., Los Angeles 221,239.00

Unit bids will be published shortly.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

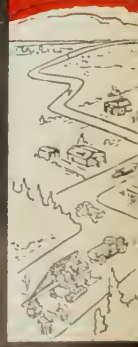
SAN FRANCISCO
PUBLIC LIBRARY

Advertise $650,000 State Grade Separations

U.S. Building Permits 14% Under August

Building Permits, Advance Reports of Building and Engineering Projects

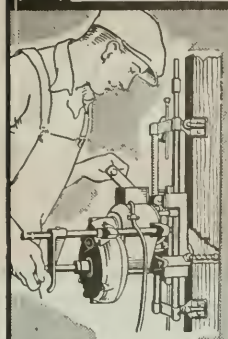
Unit Price Review



ctober 19, 1935

Vol. XVIII—No. 42

WAPPAT Electric TOOLS



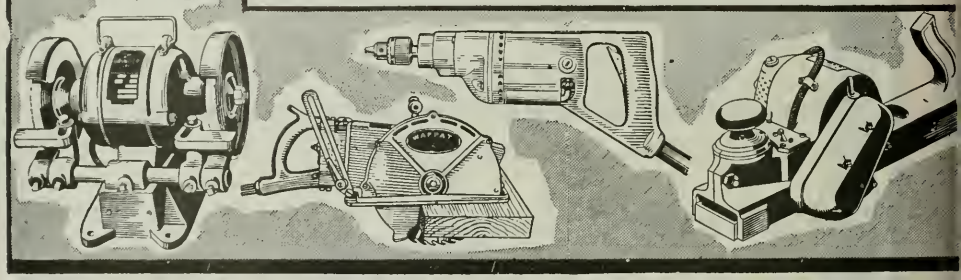
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., OCTOBER 19, 1935 No. 42

Bids November 6 For Grade Separation Construction In Albany And Salinas

SACRAMENTO Oct. 15.—Two grade separation structures, for which $650,000 has been programmed from the Federal appropriation for grade crossing elimination, were advertised for contract today by the State Division of Highways. One project is in Albany, Alameda County, near El Cerrito hill, an overpass of the Southern Pacific tracks on the new Eastshore highway route, the north approach to the bay bridge. The other is an undergrade crossing of the Southern Pacific tracks at the north city limits of Salinas. Estimated cost of the for mer is $350,000 and of the latter, $300,000.

Bids will be received in Sacramento, November 6. Bids on twn other highway contracts will be opened the same date.

The Albany overpass will require about 6000 cubic yards concrete; 1,000,000 lbs. reinforcing steel; 965,000 lbs. structural steel; 10,000 l. f. concrete piles.

Major items in the Salinas crossing are 8000 cubic yards concrete; 1450 tons asphalt concrete; 4800 l. f. Douglas fir piles; 675,000 lbs. structural steel; 155,000 lbs. reinforcing steel; lighting and pumping equipment; drainage system, landscaping.

The other two jobs scheduled for November 6 are:

Kern and Los Angeles Cos.—5.5 miles grading, paving with Portland cement concrete and constructing reinforced concrete bridge between one-quarter mile south of the Kern county line and Fort Tejon.

Monterey Co.—0.2 mile grading and surfacing with crusher run base and natural rock asphalt surfacing across Thompson Gulch, about 3 miles north of King City

KENNEY BROS. TAKE OVER LOCAL FIRM

California interest in NePage-McKenny Company has been purchased by C. B. and Roy C. Kenney and will be operated in the future as Kenney Bros., according to an announcement by C. B. Kenney, joint owner of the new firm and for the past 21 years joint owner and California manager for NePage-McKenny.

Kenney Bros. offices are located at 7 Front Street in San Francisco and 128 Tenth Street in Oakland.

SODIUM VAPOR LIGHTS PLAN IN PALO ALTO

City Proposes To Use Gas Tax Share To Install System

Installation of new street lighting system in the City of Palo Alto, using sodium vapor lamps for that section along the state highway, is recommended to the city council in a report filed by City Electrician A. V. Youens. The installation cost is estimaetd at $81,297 for the residential areas and $43,340 for the highway route.

Mr. Youens advises the center suspension type of unit for those thoroughfares not having electroliers. Bracket type lights now in use would be salvaged so far as possible for use in future installations in outlying districts.

"To meet the cost of installation and later operation it is suggested we might quite properly apply the pro rata of the gasoline tax allotted to Palo Alto," states Mr. Youens' report.

He recommends that the 12,800-ft. section of highway proper, fronting Stanford University campus, be provided with sodium 10,000 lumen lighting units in a staggered arrangement and spaced 250 feet apart on each side, requiring 102 units.

New orders for steel boilers in August numbered 732, as compared with 536 in the preceding month and 597 in August, 1934, according to the Bureau of the Census.

FIRST PWA JOB PLANS SENT TO STATE OFFICE

Officials Urge Local Agencies To Complete Project Preliminaries

Urging local officials to speed legal and engineering work on their projects in order that they may be underway by December 15, Chief Engineer Examiner Clifton E. Hickock said yesterday that eight northern California cities, counties and districts already have submitted plans to the state PWA office.

Projects not underway by December 15 will be disqualified automatically and their allotments rescinded, Mr. Hickock said, pointing out that preliminary work must be rushed to completion and contracts advertised for bids to meet the deadline set by the President.

Projects for which plans have been submitted to the state PWA office to date are:

West Stanislaus Irrigation District—concrete lining 25 miles of canals, to cost $220,000. W. F. Wooley is engineer for the project

State Harbor Board — concrete wharf and bulkhead in San Francisco harbor, $149,987. Frank G. White of San Francisco is engineer.

San Francisco Utilities Commission—three units of the Commission's $721,911 program of utilities improvements. Plans have been submitted for construction of pipelines, and were prepared under supervision of Utilities Manager E. G. Cahill.

Modesto Irrigation District—canal lining, $72,700. N. M. Cecil, Modesto, is engineer.

Stockton Port District — extension to the cotton compress, $60,000. This is a portion of the districts $198,940 program of enlagement of warehouse facilities.

Madera Union High School District—construction of a new gymnasium, $46,679. Architect E. Ernst of Stockton prepared the plans.

Tuolumne County — memorial hall, $32,500. Plans were prepared by Architect Frank Mayo of Stockton.

City of Ukiah—sewage disposal plant, $23,678. Engineer is Harry N. Jenks of Berkeley.

Big Steel Tonnage To Be Awarded For Colorado Aqueduct Pipeline Section

Bids for construction of about 25 miles of concrete pipeline for the upper feeder of the Colorado River Aqueduct distribution system will be opened in Los Angeles October 24 by the Metropolitan Water District. The work is located in San Bernardin and Los Angeles counties between ten miles westerly from San Bernardino and one-half mile north of Glendora, from Station 926 plus 00 to Station 2257 plus 50 of the Upper Feeder. The line will require from 18,850 to 22,350 tons of reinforcing bar and from 906 to 10,832 tons of plates.

Ten schedules, five of which are alternates to the other five, are offered for bids. On each of four sections of the pipeline alternate proposals are asked for present or cast-in-place concrete pipe. On the remaining section alternate bids have been requested for precast concrete pipe or steel pipe.

Schedules 4P and 4C call for construction of 25,867 feet and 1185 plus 40. Schedule 4P involves precast pipe 12 ft. 8 in. in diameter; 465,000 cubic yards excavation for pipe; and numerous other items.

Principal items under Schedule 4C include 25,867 feet of cast-in-place pipe 13 ft. in diameter; 515,000 cubic yards excavation for pipe; 326,000 cubic yards backfill; 11,300,000 pounds reinforcing steel in pipe; and others.

About 24,895 feet of concrete pipe will be constructed under Schedule 5P or 5C, between Stations 1185 plus 40 and 1436 plus 00. Items under Schedule 5P include a total of 448 cubic yards exavation for pipe; 280,000 cubic yards backfill; 8,400,000 pounds of reinforcing steel in pipe; precast concrete pipe 12 ft. 8 in. in diameter; and others.

Schedule 5C calls for construction of 24,895 feet of cast-in-place pipe 13 ft. in diameter; 490,000 cubic yards excavation for pipe; 308,000 cubic yards backfill; 11,000,000 pounds reinforcing steel in pipe; and other items.

Under Schedule 6P, or 6C, 27,348 feet of pipe will be constructed, between Stations 1436 plus 00 and 1709 plus 30. Schedule 6P involves construction of precast pipe 11 ft. 8 in. in diameter; 366,000 cubic yds. excavation for pipe; 205,000 cubic yards backfill; 8,100,000 pounds reinforcing steel in pipe; and other items.

Schedule 6C calls for cast-in-place pipe 12 feet in diameter; 407,000 cubic yards excavation for pipe; 237,000 cubic yards backfill; 9,000,000 pounds reinforcing steel in pipe; and numerous other items.

Schedules 7P and 7C provide for construction of 29,878 feet of pipe between Stations 1709 plus 30 and 2009 plus 18. Major items under Schedule 7P includes precast pipe 11 ft. 8 in. in diameter; 379,000 cubic yards excavation for pipe; 206,000 cubic yards backfill; 8,500,000 pounds reinforcing steel in pipe.

Among the principal items under Schedule 7C are pipe 12 feet in diameter; 437,000 cbic yards excavation for pipe; 240,000 cubic yards backfill; 10,200,000 pounds reinforcing steel in pipe.

Schedules 8P and 8S call for construction of 24,525 feet of precast concrete or steel pipe between Stations 2009 plus 18 and 2257 plus 50. Schedule 8P involves construction of precast concrete pipe 10 ft. 3 in. in diameter; 271,000 cubic yards excavation for pipe; 161,000 cubic yards backfill; 11,000,000 lbs. reinforcing steel in pipe; and other items.

Schedule 8S includes, among other major items, ⅝ inch plate steel pipe 10 ft. 10 in. in diameter; 254,000 cubic yards excavation for pipe, and 165,000 cubic yards backfill.

When precast concrete pipe is specified, reinforcing steel items are for furnishing and placing, schedules calling for cast-in-place pipe involves only placing reinforcing steel.

$350,000 APARTMENT CONTRACT AWARDED

Architect H. C. Baumann reported yesterday plans are being completed for a Class A apartment building, the largest structure of this type to be erected in San Francisco in recent years. It will be located at the northeast corner of Broadway and Buchanan Street. Estimated cost is $350,000. A general contract has been awarded to Meyer Construction Company. The building will be ten stories of steel frame construction. Provision is made for 50 apartments of from three to five rooms. Name of the owner has not been announced.

STATE WHOLESALERS REPORT IMPROVEMENT

Four largest cities in California reported wholesale collections and sales both "good" during September, according to the National Association of Credit Men. A decided improvement in the wholesale markets was reported generally. In the August survey approximately 38 percent of the reporting cities found collections "good" compared with the September average of 49 percent.

San Francisco, Oakland, Los Angeles and San Diego estimated conditions "good" in both collections and sales.

U. S. PERMITS OFF 14% FROM AUGUST TOTAL

Pacific Coast Cities 9-Month Awards 103 Pct. Over Last Year

The building construction industry in September, as measured by the estimated value of permits issued for new work, alterations, additions and repairs, showed the first decline from the preceding month since last May. The decrease, though seasonal, was slightly more than usual, but comparison with the corresponding month of last year is still highly favorable.

Permit values for the 215 cities reporting regularly to Dun & Bradstreet, Inc., totalled $47,288,974 for the month of September, compared with $55,536,546 during August. This represented a loss of 14.8 per cent, against a usual seasonal drop of about 10 per cent. Last month's figure compared with $26,567,925 in September, 1934, or an increase of 78.0 per cent.

Gains over a year ago were reported in every section of the country, except in the New England States. The Mountain group showed a particularly large increase, due to the sharp rise in the Denver permit total. Other groups registering marked improvement over a year ago were the South Atlantic and South Central States.

Only two groups, the Mountain and South Atlantic sections, reported higher building permit totals in September than in August. Declines were recorded by all other groups, ranging from 40.0 per cent in the South Central division to 3.7 per cent in the East Central.

For the first nine months of 1935 building permits involved a total of $410,261,406, the largest amount recorded for any similar period since 1931, and comparing with $262,304,836 last year, or a gain of 56.4 per cent. All sections contributed to the rise, with the Mountain, South Central and Pacific groups reporting increases of over 100 per cent.

The record of permit values by groups for the first nine months of 1935 and 1934, for the 215 cities follows:

Groups:	Increase P. Ct.
New England	4.7
Middle Atlantic	33.2
South Atlantic	59.9
East Central	76.6
South Central	108.4
West Central	48.3
Mountain	135.5
Pacific	103.1
Total U. S.	56.4
New York City	42.4
Outside N. Y. C.	61.0

IN NEW QUARTERS

Architect Harry J. Devine announces removal of his offices to the Cronan Bldg., Tenth and K Streets, Sacramento.

PWA SPEEDING FINAL DETAILS IN NEW PROGRAM

State, Washington Staffs Ready To Rush Work On All Projects

With State and headquarters staffs equipped to handle projects with record speed, consummation of the Federal Public Works Administration program now depends largely on the rapidity with which local officials complete their arrangements.

Final examination of applications which received allotments under the new program is proceeding quickly through the decentralized system of examining projects. Twenty-three states have completed all their final examinations and have forwarded their records to Washington, according to Administrator Harold L. Ickes.

The PWA legal division in Washington has placed in the mails approximately 2050 contracts (as of October 10) prepared for the signatures of officials acting for the applicants—slightly more than half of the grand total of 3956 allotted applications, it is stated. These offers, or contracts, bear the signature of Assistant Administrator Hackett.

All the central examining divisions—Engineering, Financial and legal—are daily setting new records for the final inspection of the allotted applications from municipalities, counties and States. The lawyers are sending out each day more than 250 contract offers, while the engineers are approving a similar average of applications. The Finance Division, which has only to pass upon contracts involving a loan, has been averaging 100 approvals a day.

The preliminary examinations of the applications by the field staffs in the various States is practically completed, and all the documents should be forwarded to Washington by all except possibly two States by the end of the week, according to PWA officials.

The engineering division has approved a total of 2874 applications to date; the legal division has approved 2548 and the finance division has approved 903. This means that the examiners art only a few hundred applications ahead of the attorneys drawing up contracts and the two tasks should end practically simultaneously.

$858,000 S. F. WATER, SEWER BOND SOLD

The $600,000 water and $258,000 sewer bonds placed on the market by San Francisco to finance work under the old PWA program were awarded this week to Brown, Harriman & Co. on a bid of $900,180.

Interest cost to the city under the winning bid will be 3.18 per cent. The bonds mature from 1935 to 1962.

S. F. Building Industry Code Group Names Arbitrators of Work Disputes

Members of a board of arbitration, to which will be referred industrial disputes which cannot be settled by negotiation, were named yesterday by Francis O'Reilly, one of the employer representatives on the San Francisco building industry planning and adjustment board. The arbitrators, which have been agreed upon by employers associations and labor organizations who are a party to the voluntary self-government code for the industry, are Leland W. Cutler, president of San Francisco Bay Exposition, Inc., John L. McNab, attorney, and Captain Edward Macauley, former CWA administrator.

The arbitration board is the agency which it was agreed would be established to referee disputes between parties to the building industry code if they could not be settled by mutual agreement. Members of the planning and adjustment board, which administers the code, however, declared that there is little prospect of necessity for the board to function in the near future. Since the code became operative several differences that have arisen have been settled through conferences arranged by code officials.

According to Rex Daddisman, executive officer of the code board, a threatened strike in the sheet metal industry has been averted and a complete agreement between employers and employes is expected as a result of continued negotiation.

Mr. O'Reilly and Thomas C. Meagher president of the San Francisco Building Trades Council, both praised operation of the code since August 19, when it became effective. They predict it will be adopted by other communities as a means of avoiding labor troubles and maintaining fair competition.

Members of the code planning adjustment board are for the employers, Francis O'Reilly, president of the San Francisco Plastering Contractors; Charles Langlais, past president of San Francisco Electrical Contractors; Louis R. Steinberg, Ornamental Iron Association; for organized labor, Charles L. Lyon, International Iron Workers; Thomas Meagher, president of San Francisco Building Trades Council; David H. Ryan, secretary of the Bay District Council of Carpenters; James McKnight, Electrical Workers Local No. 6.

A general building contractor has not yet been named to fill a place on the board as provided in the code.

STOCKTON MODEL HOME OPENS SOON

The model home at 2224 Lakeside Ave., Stockton, built under auspices of the Stockton Better Housing Committee, will be officially opened in the near future, it is announced by Mrs. Fredrica C. Welker, manager. The house is nearly completed and arrangements for furnishings are being made.

UNION PAVING LOWEST BIDDER ON SOLANO JOB

Submits $178,696 Figure For Solano Paving; Ball Low On Alternate

SACRAMENTO, Oct. 16.—Union Paving Company, 624 Call Bldg., San Francisco, today submitted a low bid of $178,696 to the State Highway Commission for grading and paving with asphalt concrete about 3.8 miles in Solano county; and N. M. Ball Sons Co., P. O. Box 404, Berkeley, was low bidder at $182,728 on the same job with Portland cement concrete paving.

The project is located between 3.7 miles north of Fairfield and six-tenths of a mile south of Vacaville.

Total bids on the asphalt concrete alternate were as follows:

Union Paving Co.	$178,696
Hanrahan-Wilcox Corp, S. F.	184,918
Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, Oakland	191,152
A. Teichert & Son, Inc., Sac	194,1[illegible]
Peninsula Paving Co., S. F.	195,72[illegible]
A. G. Raisch, S. F.	204,989

On the Portland cement concrete alternate total bids were:

N. M. Ball Sons Co.	$182,728
A. Teichert & Sons, Inc.	204,[illegible]
Fredrickson & Son, Inc., Fredrickson & Watson Const. Co., Fredrickson Bros and Jones & King	2[illegible]9,988

BULLETIN CONTAINS FLOOR FINISH DATA

A new bulletin which gives the results of a study of the current popular types of floor finishes and their relation to the hazard of slip is being offered by the Franklin Research Company, manufacturers of floor maintenance materials.

This bulletin shows the co-efficients of friction, or exact degree of traction each type of floor finish possesses when placed on various kinds of floors and also reports a study of the causes of falling. The study was made by one of the country's leading independent laboratories.

Copies of this bulletin may be obtained on request to the Franklin Research Company, Philadelphia.

CABLE SPINNING HALF COMPLETED ON BAY BRIDGE

Contractor Transfers Operations To East Suspension Sector

Spinning of cables between San Francisco and the mid-bay anchorage will be completed this week, according to Chief Engineer C. H. Purcell. Adjustments of the south cable, the last four strands of which were half spun when the week's work ended, will be completed by October 17 and thereafter all spinning operations will be transferred to the eastern suspension sector, between the anchorage and Yerba Buena island.

San Francisco

The "off" ramp at First and Clementina Streets was placed under construction this week by Healy-Tibbitts Construction Co.

The main viaduct, between Harrison and Bryant Sts., has been 80 per cent completed from Second to Third Sts.

Yerba Buena Island

The last steel roof beam in the Yerba Buena Island tunnel has been erected by Clinton Construction Co., and the final concrete in the roof will be poured by October 21.

The core is now being excavated from both the east and west portals of the tunnel, 180 feet having been removed.

East Bay Superstructure

Construction of the east anchor arm for the 1400-foot cantiliver span has been started by Columbia Steel Co. Two panels were raised last week for this 512-foot anchor arm.

Alameda County

Clinton Construction Co., contractor for the Administration Building, is excavating within the cofferdam for the retaining walls at the north side of the plaza area.

Four additional concrete girder spans were poured during the week by Barrett and Hilp, contractors on the Distribution Structure, making a total to date of 32.

Work has continued by J. F. Knapp, contractor, on the abutments and side retaining walls of the Folger Avenue Underpass.

Bids were received last Wednesday for the construction of the San Pablo Subway, the low bidder being J. F. Knapp of Oakland, with a bid of $359,832.

SEEK $110,000 FOR MARYSVILLE HOUSING

Applications for federal housing loans totaling $110,000 were received by W. O. Reincicke, FHA representative, during a week spent in Marysville recently, it is reported. Thirty-five prospective borrowers applied for loans.

Mr. Reincicke plans to spend another week in Marysville consulting applicants for FHA loans, it is stated.

$520,000 School Bond Election In Fresno, Nov. 4

Fresno city school district voters will ballot November 4 on a proposal to issue bonds totaling $520,000 for improvements, part of which have received PWA grants.

The bond issue will include one item of $324,000 to be supplemented by a grant of $264,600 from PWA for constructing auditorium, gymnasium and classroom unit at Roosevelt High School; classroom unit at Edison Technical High; shop building at Fresno High; and remodeling shop building at Washington Junior High.

Other proposals are $146,000 for elementary buildings and $50,000 for physical education field. Application has been made for PWA aid on the elementary project.

Plans for the buildings are being prepared by Allied Architects of Fresno.

Architects Named To Take Practice Of Edwin Symmes

Architects William C. Hays of San Francisco and Ira Wilson Hoover of Los Angeles have been appointed to carry on the practice of the late Edwin J. Symmes of Bakersfield. The appointments were made by Mrs. Symmes.

The two architects will give their immediate attention to extensive building program already inaugurated by Kern County school boards of trustees which have been entrusted to the firm. Among the buildings underway at the present time is the new machine shop building at Delano Union High School. A new science building for the Wasco Union High School erected through the aid of a $46,000 PWA grant has just been completed, and construction is under way for the erection of a new $23,232 study hall and mechanics shop for the Shafter high school. Part of the building program of the Bakersfield city school district is also under supervision of the office.

ANNOUNCE EVENING ELECTRICITY CLASS

Classes in electricity have been opened at the Evening School of Commerce and at Balboa Evening High School, it is announced. Designed to give contractors, wiremen and others a working knowledge of Ohm's law, and of city and state regulations governing electrical installations, the class offers discussions of a number of problems of parallel and series circuits, voltage drop, induction and two- and three-phase transformation.

GATE CATWALK STORM CABLES TO BE ERECTED

Roeblings Co. Continues Work Toward Spinning Operations

Preparations for spinning the giant cables that will support the Golden Gate Bridge were to continue this week with 195 men working on the job, according to the weekly progress report of Chief Engineer Joseph B. Strauss.

Temporary cable saddles to be used during spinning operations are being erected over the permanent saddles, and the tramway ropes, that will carry the spnning wheels.

At the California City plant of the John A. Roeblings Sons Company, cable contractors, test splices are being made and other necessary work is under way preliminary to spinning operations.

Endless hand ropes, which will be in constant motion during cable spinning operations, are being erected on the steep side spans to act as escalators in assisting the workers up the inclines.

Erection of the storm cables is to commence this week and it is anticipated that the entire storm cable system will have been completed within the next two weeks, according to the report of the chief engineer.

This work was delayed owing to certain changes in plans submitted by the contractor, that were required by the engineer.

During the past week excavations were commenced for the footings of the south abutment of the bridge, while work was commenced on the sea wall, which is to be extended to protect the south anchorage.

PLANT MANAGERS MEET WITH REA OFFICIALS

A conference of municipal power plant managers, to be held in Kansas City, Mo., November 7 and 8 will be attended by representatives of the Rural Electrification Administration it has been announced. Although the principal purpose of the conference is to bring together managers and operators of municipal power plants for discussion of their mutual problems, attention also will be paid to the possibilities of collaboration between the plants and the REA, it is stated

$50,000 FOR STATE IRRIGATION WORK

An allotment of $3,000,000 to the office of Indian Affairs of the Department of the Interior for a number of small irrigation projects in western and southwestern states has been announced by the Federal Public Works Administration. Included in the program is $50,000 for miscellaneous rehabilitation and extension work in California.

Seven Named To Contractors' License Board; Will Administer State Bureau

Members of the Contractors' State License Board were appointed yesterday by Governor Merriam. The board was created by an act of the last legislature to administer the contractors' license law.

The appointees are:

W. A. Bechtel, general engineering contractor; Ralph E. Homann, Los Angeles; Hugh McNulty, Fresno, and S. G. Johnson, Oakland, general building contractors; Stephen L. Ford, Long Beach, plastering contractor; William Nies, Los Angeles, plumbing contractor; Roy N. Butcher, San Jose, electrical contractor.

Members serve without compensation, receiving only traveling expenses incidental to the quarterly meetings in Sacramento required by the act. The first meeting is to be held within thirty days after appointment. Terms are for four years, excepting that the initial appointments will expire as follows: Engineering contractor member, January 15, 1939; one building contractor and one specialty contractor member each, January 15; 1936; January 15, 1937; January 15, 1938.

The board will elect a chairman and vice chairman. Its powers and duties are defined in the act as follows:

Under such rules and regulations as it may adopt the board shall have the power and authority to examine, classify and qualify applicants for contractors licenses under the provisions of this act. Any member or committee of the board may administer oaths and take testimony and proofs concerning all matters within the jurisdiction of the board.

The board shall hold not less than four (4) regular meetings each fiscal year, once in July, once in October, once in January, and once in April, for the purpose of transacting such business as may properly come before it. At the July meeting of each year the board shall elect officers. Special meetings of the board may be held at such times as the board may provide in the by-laws. Four (4) members shall constitute a quorum at a board meeting. Four (4) members of the board may call a special meeting at any time. Due notice of each meeting and the time and place thereof shall be given each member in such manner as the by-laws may provide. Each member shall be reimbursed for his traveling expenses necessarily incurred in the performance of his duties hereunder.

The board shall have the power to procure such equipment and records as may be necessary to carry out the provisions of this act. The board by and with the approval of the Director of the Department of Professional and Vocational Standards, shall appoint a Registrar of Contractors, and fix his compensation, who shall be the executive secretary of the board and shall carry out all of the administrative duties as in this act provided and as delegated to him by the board. For the purpose of administration of this act there may be appointed a deputy registrar, a chief reviewing and hearing officer and such other assistants and subordinates as may be necessary, such appointments to be made in accordance with the provisions of civil service laws.

The board shall have the power in its discretion to review and sustain or reverse by a majority vote any action or decision of the registrar with reference to the suspension, cancellation or revocation of any license issued under the provisions of this act.

PEST CONTROL BOARD NAMED BY GOVERNOR

Five Members Will Regulate Structural Pest Exterminators

Members of the State Structural Pest Control Board in the Department of Professional and Vocational Standards have been appointed by Governor Merriam to administer the pest control act passed by the last legislature.

The governor appointed:

M. J. Jorgenson, Glendale; Chas. S. Menard, San Francisco; Wilbur Smith, Pasadena; Walter Trepte, building contractor of San Diego; David H. Merrill, structural engineer of Los Angeles.

The act provides that three members shall have been for five years actively engaged in structural pest control, one a licensed contractor and one a licensed structural engineer.

The board will appoint a registrar of structural pest control operators, subject to approval of the Director of the Department of Professional and Vocational Standards. Administration expenses are to be derived from an annual license fee of $10 to be imposed on structural pest control operators.

Board members serve without compensation. The act requires that they meet within thirty days after appointment to organize and to elect a president. Thereafter they shall meet annually in July.

STATE FACTORY EMPLOYMENT 11% OVER LAST YEAR

Payrolls Gain 21%; Seasonal Decline From August Shown

September employment in California manufacturing establishments was 11.3 per cent greater and payrolls were 31.5 per cent higher than in the same month last year, according to the October issue of the California Labor Market Bulletin, released by State Labor Commissioner Edward L. Nolan.

From August, 1935, to September employment dropped 3.7 per cent and payrolls decreased 6.5 per cent, the bulletin reveals. These declines are accounted for by curtailment of canning operations, August being the peak month for that industry, it is stated.

Among groups of industries showing gains in September as compared with September, 1934, were wood manufacturers, including furniture and fixtures, with employment up 13.6 per cent and payrolls 34.2 per cent greater; stone, clay and glass products, reporting increases of 9.5 per cent in employment and 19.5 per cent in payrolls; metals, machinery and conveyances, with gains of 10.4 per cent in employment and 26.7 per cent in payrolls; and chemicals, oils, paints, etc., with employment greater by 1.5 per cent and payrolls up 12.9 per cent.

Single industries reporting large gains over September last year included brick, tile and pottery, with 47.8 per cent more employees and 57.9 per cent larger payrolls; structural and ornamental steel, with increases of 13.3 per cent, in employment and 46.4 per cent in payrolls; planing mills, sash and door factories, etc., with employment up 15 per cent and payrolls better my 34.8 per cent; and paints, dyes and colors, with 11.9 per cent more employees and 15.2 per cent larger payrolls.

Wholesale and retail trade reported increases of 5.9 per cent in employment and 10.5 per cent in payrolls as compared with September last year.

OUTLINE CONTROL OF BUSINESS CAR COSTS

A recently published report of the Policyholders Service Bureau, Metropolitan Life Insurance Company, entitled "Controlling Costs and Operations of Business Automobiles," details a number of plans and policies developed to handle the problem. Findings of a survey of practices of 53 companies engaged in a variety of enterprises throughout the United States are presented in the report.

Copies may be obtained upon application to the Policyholders Service Bureau, Metropolitan Life Insurance Company, One Madison Avenue, New York City.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1077	Beslo	Owner	3000
1078	Beslo	Owner	3000
1079	Veyhle	Birdsall	3500
1080	Wilson	Owner	1500
1081	Middleton	Michel	1000
1082	Corwin	Schnell	4000
1083	Christensen	Owner	4000
1084	Emmons	DeLucca	8000
1085	Veyhle	Birdsall	3500
1086	Tiscornia	Owner	5000
1087	Barber	Owner	3800
1088	Gavriloff	Kappeler	3500
1089	Hinds	Kappeler	3500
1090	Barnella	Delucchi	2000
1091	Wallser	Owner	2250
1092	Lankershim	Mullen	5750
1093	Signal	Early	1000
1094	Signal	Early	1000
1095	Hanify	Oehm	1500
1096	Gensler	Petersen	19690
1097	Nelson	Owner	3000
1098	Anza	Rousseau	6000
1099	Orinzzolo	Cappellettl	1500
1100	Judvich	——	1000
1101	Doelger	Owner	4000
1102	Doelger	Owner	4000
1103	Doelger	Owner	4000
1104	Doelger	Owner	4000
1105	Doelger	Owner	4000
1106	Doelger	Owner	4000
1107	Doelger	Owner	4000
1108	Doelger	Owner	4000
1109	Doelger	Owner	4000
1110	Land	Owner	3000
1111	Land	Owner	3000
1112	Melville	Owner	1200
1113	Wagner	Owner	4000
1114	Bourgon	Hall	4250

DWELLING
(1077) SW HURON AND WHIPPLE Sts. One-story and basement frame dwelling.
Owner—L. Beslo, 450 Lisbon Street, San Francisco.
Architect—Not Given. $3000

DWELLING
(1078) SE HURON AND WHIPPLE Streets. One-story and basement frame dwelling.
Owner—L. Beslo, 450 Lisbon Street, San Francisco.
Architect—Not Given. $3000

DWELLING
(1079) E TWENTY-FOURTH AVE. 75 N Lawton St. One-story and basement frame dwelling.
Owner — Theodore K. Veyhle, 1326 22nd Ave., San Francisco.
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor—Stella K. Birdsall, 646 47th Ave., San Francisco. $3500

ALTERATIONS
(1080) NO. 200 ROMAIN STREET. Alter dwelling.
Owner—K. A. Wilson, Premises.
Architect—Not Given. $1500

SUPPLY BUILDING
(1081) SE SEVENTH AND BRANNAN Sts. One-story steel auto supply building.
Owner—W. S. Middleton, Premises.
Architect—Not Given.
Contractor—Michel & Pfeffer Iron Works, 1415 Harrison St. $1000

ALTERATIONS
(1082) NO. 128 MAIN ST. Alter factory.
Owner—H. Corvin, 1507 Mills Tower, San Francisco.
Architect—F. W. Schnell, 660 Mission St., San Francisco.
Engineer—John A. Cole, 321 Chattanooga St., San Francisco. $4000

DWELLING
(1083) E TWENTY - SECOND AVE. 50 S Quintara St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect—C. O. Clausen, 746 46th Ave. San Francisco. $4000

DWELLING
(1084) N CASTENADA ST. 191 SW San Bruno Ave. Two-story and basement frame dwelling.
Owner—John D. Emmons, % Architect.
Architect—Conrad T. Kell, 519 California St., San Francisco.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., S. F. $8000

DWELLING
(1085) E TWENTY-FOURTH AVE. 50 N Lawton St. One-story and basement frame dwelling.
Owner — Theodore K. Veyhle, 1326 22nd Ave., San Francisco.
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor—Stella K. Birdsall, 646 47th Ave., San Francisco. $3500

DWELLING
(1086) S MAGELLAN ST. 72 W Montalvo St. One-story and basement frame dwelling.
Owner—Dominc Tiscornia, 1651 Alemany St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1087) S MONTEREY BLVD. 175 E Detroit St. One-story and basement frame dwelling.
Owner — H. B. Barber, 225 College Ave., San Francisco.
Architect—Not Given. $3800

DWELLING
(1088) S LIEBIG 75 S Lessing St. One-story and basement frame dwelling.
Owner—Gavriloff & Hinds, 2918 Mission St., San Francisco.
Architect—Not Given.
Contractor—J. Kappeler, 148 Precita Ave., San Francisco. $3500

DWELLING
(1089) S PALOU ST. 250 W Phelps Street. One-story and basement frame dwelling.
Owner—Henry and Alice Hinds, 29-C Guy Place, San Francisco.
Architect—Not Given.
Contractor—J. Kappeler, 148 Precita Ave., San Francisco. $3500

GARAGE
(1090) SW BAYSHORE AND WOOLsey St. Class C garage.
Owner—L. Barnella, 2985 San Bruno Ave., San Francisco.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—Richard Delucchi & Co., 3275 San Bruno Ave. $2000

DWELLING
(1091) W BAYSHORE 91 N Wheat St. One-story frame dwelling.
Owner—A. L. Wallser, 1871 Donner St., San Francisco.
Architect—Not Given. $2250

ALTERATIONS
(1092) NO. 53 FIFTH ST. Alter restaurant.
Owner—Lankershim Buffet, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $5750

ALTERATIONS
(1093) S HOWARD ST. 200 E Fifth St. Alter service station.
Owner—Signal Oil Co., 2301 Blanding St., Alameda.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

ALTERATIONS
(1094) S HOWARD ST. 200 E Fifth St. Alter offices.
Owner—Signal Oil Co., 2301 Blanding St., Alameda.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $1000

ALTERATIONS
(1095) NO. 1319 FILLMORE ST. Alter store.
Owner—Hanify Estate, % Contractor.
Architect—Not Given.
Contractor—F. A. Oehm, 611 Howard St., San Francisco. $1500

INDUSTRIAL BLDG.
(1096) W HARRISON ST. 150 N 23rd St. Class C industrial building.
Owner—J. Gensler, Burlingame.
Architect—Leo. J. Sharps, 1477 Burlingame Ave., Burlinugame.
Engineer—Walter L. Huber, 1 Montgomery St., San Francisco.
Contractor — H. L. Petersen Constr. Co., 731 Treat Ave., San Francisco $19,690.50

DWELLING
(1097) E SIXTEENTH AVE. 150 N Wawona St. One-story frame dwelling.
Owner—A. Nelson, 242 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1098) SE AVILA AND CAPRA WAY One-story and basement frame dwelling.
Owner—Anza Home Building Co., % Contractor.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., S. F. $6000

ALTERATIONS
(1099) SE MASON AND BAY STS. Alter restaurant.
Owntr—J. Ornizzolo, Premises.
Architect—Not Given.
Contractor—D. Cappellettl, 667 Hampshire St., San Francisco. $1500

ALTERATIONS
(1100) NO. 702 SAN BRUNO AVE. Alter dwelling.
Owner—Mrs. A. Judvich, 863 Vermont St., San Francisco.
Architect—Not Given.
Contract not awarded. $1000

DWELLING
(1101) E SEVENTEENTH AVE. 165 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1102) E SEVENTEENTH AVE. 90 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1103) SE SEVENTEENTH AVE. & Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1104) N KIRKHAM ST. 96 W 17th Avenue. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1105) E SEVENTEENTH AVE. 215 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1106) E SEVENTEENTH AVE. 115 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1107) E SEVENTEENTH AVE. 140 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1108) E SEVENTEENTH AVE. 190 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1109) E SEVENTEENTH AVE. 30 S Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1110) W TWENTY-SECOND AVE. 54 N Wawona St. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1111) W TWENTY-SECOND AVE. 29 N Wawona St. One-story and basement frame dwelling.
Owner — Land Development Co., 364 Bush St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1112) NO. 44 CAMP ST. Alter dwlg.
Owner—Mrs. Emilie M. Melville, 28 Camp St., San Francisco.
Architect—Not Given. $1200

DWELLING
(1113) N TARAVAL ST. 86 E 15th Ave. Two-story frame store and dwelling.
Owner—Carl F. Wagner, 2320 16th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1114) W SHAFTER ST. 125 S Lane St. One-story and basement frame dwelling.
Owner—Eugene Bourgon, 2291 Third St., San Francisco.
Architect—Not Given.
Contractor—Hugh Hall, 2288 Third St. San Francisco. $4250

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
820	Magruder	Owner	4500
821	Fisher	Owner	8000
822	Pollard	Owner	5000
823	Western	Owner	7500
824	Champlain	Gavey	1000
825	Walker	Owner	3000
826	Haulman	Owner	4000
827	Dickenson	Farringer	4000
828	Benzeman	Daley	3000
829	Campbell	Owner	1250
830	Rice	Woodburn	1350
831	Rebogliati	Haulman	3500
832	Shane	Walstrom	3972
833	Williams	Maurer	1900
834	Axton	Almquist	6000
835	Parks	Parks	5000
836	Plummer	Owner	5000
837	Abrahamson	Cone	3900
838	Burrows	Nichalson	3800
839	Meyers	Branagh	3000
840	Menzel	Allan	2600
841	Simon	Rich	1400
842	American	Swanstrom	5000
843	Morrish	Stead	1000
844	Harkenka	Coats	5875

DWELLING
(820) NO. 5879 MORPETH STREET, **OAKLAND.** One - story 6-room dwelling.
Owner—Cora C. Magruder, 5885 Morpeth St., Oakland.
Architect—Not Given. $4500

DWELLING
(821) NO. 715 ROSEMOUNT ROAD, **OAKLAND.** Two - story 8-room dwelling.
Owner—H. P. Fisher, 376 17th St., Oakland.
Architect—Not Given. $8000

DWELLING
(822) NO. 6428 HARWOOD AVE., **OAKLAND.** Two-story six-room dwelling.
Owner—A. J. Pollard, 77 Plaza Dr., Berkeley.
Architect—Not Given. $5000

ALTERATIONS
(823) FOOT OF ADELINE STREET, **OAKLAND.** Alterations and repairs.
Owner—Western Pacific R. R. Co., Mills Bldg., San Francisco.
Architect—Not Given. $7500

ALTERATIONS
(824) NO. 2421 WEBSTER STREET, **BERKELEY.** Alterations.
Owner—Mrs. Champlain, Premises.
Architect—Not Given.
Contractor—T. J. Garvey, 5686 Ocean View Drive, Berkeley. $1000

DWELLING
(829) NO. 70 FORREST LANE, **BERKELEY.** One-story 4 - room frame dwelling.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect — Edwin L. Snyder, 2101 Shattuck Ave., Berkeley. $3000

DWELLING
(826) 1606 SANTA CLARA AVE., **ALAMEDA.** One-story 6 room dwelling with rustic exterior.
Owner—P. Royal Haulman, 1243 Broadway.
Architect—Not given.
Cost, $4000

DWELLING
(827) 3362 FERNSIDE BLVD., **ALAMEDA.** 1-story 5-room dwelling with stucco exterior.
Owner—Miss Susan Dickenson, Walla Vista Ave., Oakland.
Architect—Paul Tuttle, Oakland.
Contractor—Farringer & Spaulding, 1511 Union St., Alameda.
Cost, $4000

ALTERATIONS
(828) NO. 3250 GRAND AVENUE, **OAKLAND.** Alterations.
Owner—C. M. Benzeman, Box 486, Rio Nido.
Architect—G. W. Cotterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $3000

DWELLING
(829) NO. 7561 HILLMONT DRIVE, **OAKLAND.** One-story two-room frame dwelling.
Owner—R. V. Campbell, 3139 Herriott St., Oakland.
Architect—Not Given. $1250

ADDITION
(830) NO. 2083 ROSEDALE AVENUE, **OAKLAND.** Addition.
Owner—W. S. Rice, Premises.
Architect—Not Given.
Contractor—R. C. Woodburn, 579 Radmor Road, Oakland. $1350

DWELLING
(831) NO. 3426 MAPLE AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—Frank Rebogliati, 3020 Montana St., Oakland.
Architect—Not Given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda. $3500

DWELLING
(832) NO. 927 SANTA BARBARA ST., **BERKELEY.** One-story 6-room frame dwelling.
Owner—Mary Lea Shan.
Architect—Gwynn Officer, 2068 Allston Way, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Berkeley. $3972

GARAGE
(833) NO. 150 RICARDO AVENUE, **PIEDMONT.** Garage.
Owner—Elwin G. Williams, Premises
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Geo. J. Maurer, 50 York Drive, Oakland. $1900

RESIDENCE
(834) NO. 51 WILDWOOD GARDENS **PIEDMONT.** Two-story 5-room frame residence and garage.
Owner — Etta A. Axton, 286 Lenox Ave., Oakland.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—T. M. Almquist, 4218 La Cresta Ave., Oakland. $6000

DWELLING
(835) NO. 624 EUCLID AVENUE, **BERKELEY.** Two-story 7-room frame dwelling.
Owner—H. G. Parks, 1847 Yosemite Road, Berkeley.
Architect — Edwin L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $5000

DWELLING
(836) NO. 939 CONTRA COSTA ST., **BERKELEY.** One-story six-room dwellingf.
Owner—R. R. Plummer, 1624 Cedar St., Berkeley.
Architect—Not Given. $5000

ALTERATIONS
(837) NO. 477 FIFTEENTH STREET, **OAKLAND.** Alterations.
Owner—J. & H. Abrahamson, Prem.
Architect—E. J. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 605 16th St., Oakland. $3900

DWELLING
(838) NO. 1214 103RD AVE., **OAKLAND.** One-story five-room dwlg.
Owner—J. J. Burrows, 350 W. Broadmoor Blvd., Oakland.

Architect—Not Given.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro. $3800

LIBRARY
(839) NO. 2024 CENTRAL AVENUE, **ALAMEDA.** One-story three-room frame and stucco studio library.
Owner—Henry H. Meyers, 2021 Alameda Ave., Alameda.
Plans by Owner.
Contractor — John E. Branagh, 116 Monticello Ave., Piedmont. $3000

DWELLING
(840) 1835 EIGHTY-EIGHTH AVE., **OAKLAND.** One-story five-room dwelling.
Owner—F. J. Menzel, 8815 Birch St., Oakland.
Architect—Not Given.
Contractor—James Allan, 6718 Flora St., Oakland.

ALTERATIONS
(841) NO. 808 BROADWAY, **OAKLAND.** Alterations.
Owner—B. Simon, Premises.
Architect—Not Given.
Contractor—James L. Rich, 556 37th St., Oakland. $1400

ALTERATIONS
(842) NO. 1429 BROADWAY, **OAKLAND.** Alterations.
Owner—American Trust Co., 14th and Broadway, Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Geo. Swanstrom, 1615 78th Ave., Oakland. $5000

ADDITIONS
(843) NO. 455 BOYNTON STREET, **BERKELEY.** Addition.
Owner—W. Morrish, Premises.
Architect—Not Given.
Contractor—Frank O. Stead, 3206 Boise St., Berkeley. $1000

DWELLING
(844) NO. 1150 MILLER AVENUE, **BERKELEY.** Two-story five-room frame dwelling.
Owner — P. Harkenka, 781 Vincente St., Berkeley.
Architect—M. Goodman.
Contractor—P. L. Coats, 2837 Foothill Blvd., Berkeley. $5875

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
143	Harker	Hall	315
144	Carpnill	Cuthbertson	5470
145	Gensler	Peterson	19690
146	DeLuca	DeLuca	18000
147	Washington	Grant	11700

PAINTING
(143) NO. 3636 BRODERICK ST. All work for painting exterior of three story apartment building.
Owner—Emma F. Harker, Premises.
Architect—Not Given.
Contractor—Fred Hall and E. H. Fullbier, 1688 Page St., San Francisco.
Filed Oct. 9, '35. Dated Oct. 8, '35.
TOTAL COST, $315
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(144) NO. 185 BEAVER ST. All work for one-story and basement frame dwelling.
Owner — Wm. J. Carpmill, 2321 15th St., San Francisco.
Architect—Not Given.
Contractor—Thos. A. Cuthbertson, 430 Noregia St., San Francisco.
Filed Oct. 11, '35. Dated Sept. 27, '35.
Rafters in place and foundation and excavation completed ..$1367.50
Plumbing, wiring and heating roughed in and brown coat mortar on interior and exterior 1367.50
Building completed 1367.50
Usual 35 days..... 1367.50
TOTAL COST, $5470.00
Bond, none. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

BUILDING
(145) HARRISON ST. near Twenty-third St. One-story reinforced concrete building.
Owner — J. Gensler, 724 W. Poplar Ave., San Mateo.
Architect—Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor — H. L. Peterson Constr. Co., 731 Treat Ave., S. F.
Filed Oct. 11, '35. Dated, Oct. 11, '35.
Walls poured complete to bottom of trusses..... 25%
Concrete work completed and roof on 25%
Building completed 25%
Usual 35 days..... 25%
TOTAL COST, $16,690.50
Bond, $19,690.50. Surety, Massachusetts Bonding & Insurance Co. Limit, Jan. 2, 1936. Forfeit, none. Plans and specifications filed.

RESIDENCES
(146) SW PIERCE AND FILBERT Sts., 60x40 feet. All work for two two-story and basement frame residences.
Owner — Arthur DeLuca, 2519 16th Ave., San Francisco.
Architect—Not Given.
Contractor—DeLuca & Son, Inc., 1745 Filbert St., San Francisco.
Filed Oct. 14, '35. Dated Sept. 21, '35.
Payments not given .....
TOTAL COST, $18,000
Bond, limit, forfeit, plans and specifications, none.
NOTE—Seven per cent on guaranteed total cost.

ALTERATIONS
(147) NW WASHINGTON AND Drumm Sts. All work for alterations and additions to building.
Owner—Washington Realty Co., 485 California St., San Francisco.
Architect—Not Given.
Contractor—Grant-Martinelli Co., 44 Mary St., San Francisco.
Filed Oct. 15, '35. Dated Oct. 8, '35.
On 1st and 15th of each month 75%
Usual 35 days..... Balance
TOTAL COST, $11,700
Bond, $5850. Surety, Hartford Accident & Indemnity Co. Limit, 70 working days commencing Nov. 1, 1935 Forfeit, $25 per day. Plans and specifications, none.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
75	Griggs	Shain	4900
76	Ahrahamson	Cone	3967
77	Walton	Daley	17550
78	American	Swanstrom	3330

RESIDENCE
(75) NO. 56 PROSPECT ST., Hayward. All work for residence.
Owner—Lester U. and Blanche Griggs. 516 3rd St., Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. S. Shain, Arlette Ave., Hayward.
Filed Oct. 11, '35. Dated Oct. 11, '35.
5th day after roof completed....$1225
5th day after plastering completed 1225
5th day after completion..... 1225
Usual 35 days..... 1225
TOTAL COST, $4900
Bond, $2500. Surety, Glenn Falls Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(76) NO. 477 FIFTEENTH STREET, Oakland. All work alterations and additions to building.
Owner—J. and H. Abrahamson, 608 16th Street, Oakland.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur C. Cone, 608 16th St., Oakland.
Filed Oct. 15, '35. Dated Oct. 14, '35.
On or before 6th of each month 75%
When completed..... 75%
Usual 35 days..... 25%
TOTAL COST, $3967
Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

MARKET BLDG.
(77) NE TELEGRAPH AVE. AND Sycamore Sts., Oakland. All work for one-story Class C reinforced concrete market building.
Owner—H. K. Walton.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor—Daley Bros., 1104 Vancouver Ave., Burlingame.
Filed Oct. 15, '35. Dated Oct. 9, '35.
Reinforced concrete frame completed 25%
Brown plasted applied 25%
When completed 25%
Usual 35 days..... 25%
TOTAL COST, $17,550
Bond, $17,550. Surety, Colombia Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(78) NO. 1429 BROADWAY, Oakland. All work for altreations and additions.
Owner—American Trust Co., 464 California St., San Francisco.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—G. Swanstrom, 1615 78th Ave., Oakland.
Filed Oct. 16, '35. Dated Oct. 14, '35.
On or before 6th of each month 75%
When completed 75%
Usual 35 days..... 25%
TOTAL COST, $3330
Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filtd.

ALAMEDA COUNTY UNDER $1000

RE-ROOF, $75; 6633 Dana St., Oakland; owner, E. V. Huntington, 5542 Carlton St.
ALTERATIONS, $150; 1748 18th Ave., Oakland; owner, Walter Maurer, Premises.
RE-ROOF, $96; 1927 Grove St., Oakland; owner, Mars. Olive Hall, Prem.; contractor, Vulcan Roofing Co., 4501 Tidewater Ave.
RE-ROOF, $80; 319 Monte Vista Ave., Oakland; owner, L. Bager, Prem.
FIRE repairs, $900; 4120 Howe Street, Oakland; owner, G. Barnum, 1629 Telegraph Ave.; contractor, Fred J. Early Jr., 366 40th St.
ALTERATIONS, $317; 829 Magnolia St., Oakland; owner, Mrs. Rose Hartsten, 820 Magnolia St.; contractor, Geo. A. Mayer, 894 20th Street.
ALTERATIONS, $75; 537 16th Street, Oakland; owner, The Good Housekeeping, 537 16th St.
ALTERATIONS, $895; 4403 Piedmont Ave., Oakland; owner, Bud Voigt, Prem.; contractor, Art Beckett, 224 Scenic Ave., Piedmont.
ALTERATIONS (2) $75; 704-708 Kennedy St., Oakland; owner, Frank V. Fontes, 2258 E-15th St.
ALTERATIONS, $470; 925 38th St., Oakland; owner, Mrs. Rose Massip, Premises; contractor, Bagles & Porterfield, 2110 Market St.
ALTERATIONS, $150;3 870 Magee Ave., Oakland; owner, Frederick Shepard, 3870 Magee Ave.
DWELLING, one-story 3-room, $990; 10733 Pippin Street; owner, Mrs. Jessie M. Haines, 10727 Pippin St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Equipment

1— APARTMENTS

Structural Steel Contract Awarded
APARTMENTS Cost, $35,000
SAN FRANCISCO, SW North Point & Webster Streets.
Three-story and basement frame and stucco apartments.
Owner and Builder — Ben Liebman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco.
Structural Steel — Golden Gate Iron Works, 1541 Howard St.

Bids Opened.
APARTMENTS Cost, $12,000
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco apartment building (4—4-room apartments), shingle roof, gas furnaces, wood sash, hardwood floors, tile baths, etc.
Owner—Harold Markham.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Low Bidder—T. E. Williamson, 1859 W. Rose St., Stockton.
Complete bids follow:

T. E. Williamson	$12,320
B. T. Parsons	13,925
W. J. Scott	14,415
E. Merlo	14,450
H. H. Henning	13,576

All of Stockton.
Bids held under advisement.

Plans Being Prepared—Contract Awarded.
APARTMENTS Cost, $350,000
SAN FRANCISCO, NE Broadway & Buchanan Street.
Ten-story Class A steel frame apartment building (50 3, 4 and 5 room apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garages, etc.
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Constr. Co., 735 Portola Drive, San Francisco.

3— CHURCHES

To Ask Bids Withing Few Days
ALTERATIONS Cost, $2500
HUGHSON, Stanislaus Co., Calif.
Alterations to church.
Owner— Hughson Methodist Church (Reverend John Winkley, Pastor) Hughson.
Architect — G. N. Hilburn, 1213 I St., Modesto.
Financing arrangements are being completed.
C. L. Galt, Hughson, is chairman of the building committee.

4— FACTORIES & WAREHOUSES

Additional Sub-contracts Awarded
FACTORY Cost, $175,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
New paint and varnish factory.
Owner—E. J. du Pont de Nemoura & Co. (W. J. Schlinger, Mgr., 601 Third St., San Francisco.
Plans by Engineering Dept. of Owner. Wilmington, Delaware.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Brick Work — White & Gloor, Monadnock Budg., San Francisco.
Painting — A. Quandt & Son, 374 Guerrero St., San Francisco.
Other awards previously reported.

Contract Awarded
INDUSTRIAL BLDG. Cont.Pr. $19,718
SAN FRANCISCO, 23rd and Harrison Streets.
One-story and mezzanine Class C reinforced concrete industrial bldg.
Owner—G. J. Gensler.
Architect—Leo F. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.
Complete bids published Oct. 8.

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 128 Main St.
Alterations to factory.
Owner—H. Corvin, 1507 Mills Tower, San Francisco.
Engineer—John A. Cole, 321 Chattanooga St., San Francisco.
Contractor—Fred W. Schell, 1651 24th Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $——
MARYSVILLE, Yuba Co., Calif., Second and B Streets.
Alterations to building for poultry plant (160x120 feet) painting, cement work, brick and wood work, roofing, etc.
Owner—Marysville Woolen Mills.
Architect—Not given.
Contractor—Chell & Triplett, 1202 H Street, Marysville.

Sheet Metal Contract Awarded
WAREHOUSE, ETC. Cost, $60,000
ASTI, Sonoma Co., Calif.
Reinforced concrete warehouse and wine tanks.
Owner — Italian Swiss Colony, 871 Beach St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.
Sheet Metal—Charles F. Reichel, Cloverdale.

Planned
WAREHOUSE Cost, $15,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Two-story brick warehouse and shipping dock.
Owner—W. P. Fuller Co., 301 Mission St., San Francisco.
Architect—Not given.

Planned.
REFINERY Cost, $15,000
FRESNO, Fresno Co., Cal. North Avenue and Golden State Highway
Cotton seed oil refinery.
Owner — Producers Cotton Oil Co., (stanley R. Pratt, President), Fresno.
Plans by Engineering Dept. of Owner. Further details will be announced shortly.

Plans Awaiting PWA Approval.
EXTENSION Cost, $60,000
STOCKTON, San Joaquin Co., Cal.
Extension to cotton warehouse (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner.

COMMISSIONED TO PREPARE PLANS
SANTA BARBARA, Calif.—Architect W. W. Ache, 301 N. Citrus Ave., Los Angeles, commissioned to prepare plans for two frame citrus plant buildings to be erected for Toledo Citrus Growers Assn., on its property located approximately 10 miles north of Santa Barbara. One of the buildings will be a one-story packing house, 120 x 300 feet in area, equipped for receiving, washing, coloring and packing lemons, and the other will be a two-story, air conditioned storage structure, having dimensions approximately 120 x 154 ft.; wood exteriors, composition roofing, steel and wood roof trusses, steel sash, cement, mastic, maple and pine floors, steel pivoted ventilator openings, air conditioning equipment, etc.

Additional Sub-Contracts Awarded.
WAREHOUSE Cost, $——
SAN FRANCISCO. 656-668 Townsend.
One-story Class C warehouse (100x165 feet) stucco over brick front, flat roof, terra cotta partitions, concrete floors, etc.
Owner—McGilvray Company.
Engineer—Jas. M. Smith, 251 Kearny Street.
Lessee—Ducommun Corporation.
Contractor—F. K. DuPuy, 110 Sutter.
Crane Tracks—Fair Mfg. Co., 617 Bryant Street.
Crane Equipment—Cyclops Iron Wks. 837 Folsom Street.
Electric Service — Superior Electric Co., 3110 Clay Street.
Other awards previously reported.

Contracts Awarded.
WAREHOUSE Cost, $15,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Two-story brick warehouse and shipping shed.
Owner—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Following sub-contracts awarded.
Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Sts., S. F.
Structural Steel—Judson Pacific Co., 609 Mission St., San Francisco.
Cement and Concrete Aggregates — South City Lumber Co., South San Francisco.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Miscellaneous Iron—Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Tile—Devincenzi Bros. & Co., 150 Collins St., San Francisco.

CONTRACT AWARDED
SAN FRANCISCO—Empire Roofing Co., 261 Silyver Ave., at $285, awarded contract by Department of Public Works for installing new tar and gravel roof on the warehouse at the Mission Police Station.
Complete bids published Oct. 10.

5— FLATS

Plans Being Prepared
FLATS Cost, $9500
VALLEJO, Solano Co., Calif.
Two-story and basement frame flats (Colonial type) rustic exterior, shingle roof, hardwood floors, tile baths, wood sash, gas heating system, etc. (1, 6 room and 2 baths and 1, 5 rooms and 1 bath).
Owner—Withheld.
Architect—Kay Keefer, 770 Wesley St., Oakland.
Bids will be asked in about three weeks.

6—GARAGES & SERVICE STATIONS

Plans to Be Prepared
ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz Co., Calif., Lake and Main Streets.
One-story concrete addition to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $1500
SAN FRANCISCO, SE Ninth Avenue and Geary Street.
Alterations to garage.
Owner—R. Lehtenen, Premises.
Architect—Not Given.
Contractor—Miller & McGillis, 527 19th Ave.
House Raising — D. J. & T. Sullivan, 1942 Folsom St.

Plans Being Figured—Bids Close October 26th
SERVICE STATION Cost, $—
REDWOOD CITY, San Mateo Co., Calif.
One-story reinforced concrete service station.
Owner—Shell Oil Company, Shell Building, San Francisco.
Plans by Eng. Dept. of owner (L. Raymond White in charge), Shell Bldg., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $1500
SAN FRANCISCO, SE Seventh and Brannan Streets.
One-story steel service station.
Owner—W. S. Middleton.
Architect—Not Given.
Contractor — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.

Contract Awarded
ALTERATIONS. Cost, $2500
SAN FRANCISCO, Calif., S. Howard St., E. 5th St.
Alterations to service station.
Owner—Signal Oil Co., 2301 Blanding St., Alameda.
Plans by Eng. Dept. of owner.
Contractor—Fred J. Early, Jr., 369 Pine Street.

Contract Awarded
GARAGE Cost [illegible]
PIEDMONT, Alameda Co., Cal. 150 Ricardo Ave.
One-story garage.
Owner—Elwin G. Williams, 150 Ricardo Ave., Piedmont.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—George J. Maurer, 50 York Drive, Piedmont.

Contract Awarded.
SERVICE STATION Cost, $—
STOCKTON, San Joaquin Co., Calif., 405 So. El Dorado St.
Service station.
Owner—Bank of America, Bank of America Bldg., Stockton.
Plans by Eng. Dept. of owner.
Contractor—J. A. Allen, 22 So. Sutter St., Stockton.

Work Started
BUILDING Cost, $2500
SAN FRANCISCO, Calif., 1900 Bryant Street.
Automobile repair building.
Owner—Best Foods Products Co.
Engineer—K. Theill, 580 Market St.
Contractor—Larsen & Larsen, 529 Bryant St.

7— FEDERAL BUILDINGS

BIDS WANTED
MONTEREY, Cal. — Bids are being received by the Custodian, Monterey Post Office, for aluminum bulletin boards for the Monterey Post Office.

LOW BIDDER
HOLLYWOOD, L. A. Co., Calif.—Multi Electrical Manufacturing Company, Chicago, Ill., at $1,130 submitted low bid to Treasury Department, Wash., D. C., for furnishing interior lighting fixtures for the new U. S. Post Office under construction in Hollywood. Claude Beelman and Allison and Allison, architects. Second low bid was submitted by Reading Chandalier Works, at $1,500.
Complete bids will be published shortly.

CONTRACT AWARDED
SAN DIEGO, Cal. — F. B. Young, 4166 30th St., San Diego, at $1654.06 awarded contract by 11th Naval Dist. for roof covering and miscellaneous building repairs at the Naval Operating Base (Fuel Depot), San Diego. Spec. No. 8062.

BIDS WANTED
PEARL HARBOR, T. H. — Until October 23, bids will be received by Public Works Officer, Pearl Harbor, for tile flooring for the mess hall at Pearl Harbor. Estimated cost $3200.

Bids Rejected.
POST OFFICE Cost, $130,900
SANTA MONICA, Los Angeles Co.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
On bid opening lowest bid was submitted by Chas. J. Dorfman, 143 No. La Brea Ave., Los Angeles, at $94,740.
Plans will probably be revised and new bids asked at a later date.

LOW BIDDERS
HOLLYWOOD, Los Angeles Co., Cal.—King Machine & Mfg. Co., 1171 E. 32nd St., Los Angeles, at $3140 submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing one freight elevator in the U. S. Post Office at Hollywood. Second low bid was submitted by Otis Elevator Co., San Francisco, at $3550. Complete bids will be published shortly.

CONTRACT AWARDED
ELKO, Nevada—Ceco Weatherstrip & Screen Products Co., 1928 S. 52nd St., Chicago, at $635 awarded contract by Treasury Department, for furnishing insect screens for the Elko Post Office.

BUILDING MATERIALS APPROVED
BELL, Calif.—Treasury Department approved the following equipment and building material awards for the construction of the U. S. Post Office at Bell. L. F. Dow Co., 414 Rowan Bldg., Los Angeles, general contractors. Fan hangers, Arrow, Hart & Hegeman Elec. Co.; plug receptacles and flush switches, Arrow, Hart & Hegeman Elec Co.; r. c. wire, Crescent Insulated Wire & Cable Co.; feeder panel, Mullenbach Mfg. Co.; lighting distribution panel, Mullenbach Mfg. Co.

CONTRACT AWARDED
SAN PEDRO, L. A. Co., Calif.—Studio of Architectural Sculpture, Washington, D. C., at $63, awarded contract by Treasury Dept. for plaster models for the San Pedro Post Office.

BIDS WANTED
NAPA, Napa Co., Cal. — Bids are being received by the Custodian, U. S. Post Office, Napa, for repairs to driveway, waterproofing, etc., at the Napa Post Office.

Bids Opened.
BARRACKS Cost, $115,000
PORT ANGELES, Wash. Coast Guard Air Station.
One-story brick barracks building (to accommodate 75 men) shop building and garage.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Low Bidder—A. F. Mowat, 1331 Third Ave., Seattle, Wash.
Complete bids follow. All bidders of Seattle unless otherwise noted.

A. F. Mowat	$89.372
Sheble Constr. Co.	91.313
A. S. Hanson Co.	92,950
Western Constr. Co.	93,655
Neil McDonald	94,412
Henrickson Alstrom Co.	95,900
Peder P. Gjarde	95,996
S. S. Mullen, Inc., Pt. Angeles	96,050
Warrack Const. Co.	96,600

Bids held under advisement.

Site Selected.
POST OFFICE Cost, $——
CENTRALIA, Washington. SE Locust and Silver Sts. (140x160 ft.)
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

New Bids Wanted—To Close Nov. 20, 1:00 P. M.
POST OFFICE Cost, $56,100
NORTH HOLLYWOOD, Los Angeles Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans and specifications may be obtained from above office.
On bid opening lowest bid was submitted by Robert E. McKee, 108 West 6th St., Los Angeles, at $44,700.
Complete bids published Feb. 19.

BIDS WANTED
CARSON CITY, Nevada—Bids are being received by the Custodian, U. S. Post Office, Carson City, for painting and repairs at the Carson City Post Office

Bid Opening Date Postponed Until Nov. 1, 1. p. m.
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Cal
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Date was previously set for Oct. 22.

BIDS WANTED
SAN FRANCISCO, Calif.—Until November 1, 10 a. m., bids will be received by Custodian, Marine Hospital, 14th and Lake Sts., for furnishing and installing monel metal fly screens for the Marine Hospital, San Francisco. Specifications may be obtained at Room 113, Marine Hospital.

Contract Awarded
POST OFFICE Cont. Price, $39,220
NEWBERG, Oregon.
United States Post Office Building
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—H. J. Settergren, 5627 NE

26th Ave., Portland, Ore.
Complete bids published Oct. 9.

AWARDS APPROVED

HUNTINGTON BEACH, Calif. — Treasury Department approved the following equipment and building material awards for the construction of the U. S. Post Office at Huntington Beach. L. F. Down, Rowan Building, Los Angeles, general contractors. Lighting distribution panel, Mullenbach Mfg. Co.; r. c. wire, Crescent Insulated Wire & Cable Co.; flush switches, receptacles and fan hangers, Arrow, Hart & Hegeman Elec. Co.

BIDS WANTED

PEARL HARBOR, T. H.—Until November 13, 11 a. m., bids will be received by Public Works Officer, Navy Yard, Pearl Harbor (previously reported that bids would be received in Washington, D. C.), for construction of storehouse, fire station and boat house at the Naval Fleet Air Base, Pearl Harbor, T. H. Specification No. 8003. Work involves: One storehouse, 100 x 40 feet of reinforced concrete construction with concrete walls, concrete flooring, concrete roof and built-up roofing; fire station approximately 85 x 40 feet, with 70-foot tower of reinforced concrete construction, concrete walls, concrete floor with concrete paving; two-story boat house 80 x 60 feet supported on steel piles with reinforced concrete floors, steel roof trusses, corrugated asbestos siding and roofing. A small amount of dredging is also included. All buildings will include plumbing, electrical work, storm and sanitary drainage, sheet metal work, etc. Est. cost $77,000. Plans and specifications may be obtained from above office and from the Commandant, 14th Naval District, Pearl Harbor, T. H., and from Commandant, 12th Naval District, 100 Harrison St., San Francisco upon deposit of $25.00.

AWARDS APPROVED

SANTA CRUZ, Cal.—Treasury Department approved the awards to Square D. Company for feeder panel and r. c. wire to General Cable Corporation for the construction of the U. S. Post Office at Santa Cruz. K. E. Parker Company, 135 South Park, San Francisco, general contractor.

LOW BIDDERS

PEARL HARBOR, T. H.—E. E Black, Honolulu, T. H., at $1 submitted low bid for work complete and Ralph Wooley, Honolulu, T. H., at $563 000 submitted low bid for barracks only, to Bureau of Yards and Docks, Navy Department Washington, D. C., for barracks, mess hall and 25 quarters at the Naval Fleet Air Base, Pearl Harbor, T. H. Spec. 7474. Low bids follow:

(1) Work complete
(2) Work complete with wood construction on quarters
(3) Barracks only
(4) 10 officers quarters, concrete
(4a) 16 quarters, wood
(5) 9 C. P. O. quarters, concrete.

E. E. Black—(1) $1,191,760; (2) $1,162 930; (3) $578,590; (4) $320,000; (4a) $291,050; (5) $296,000.

Case Construction Co., Alhambra—(1) $1,320,200; (2) $1,302,650. $664,000; (4) $333,000; (4a) $317,000; (5) $333,000.

Hawaiian Dredging Co., Honolulu—(1) $1,320,200; (2) $1,302,650.

Ralph Woolley—(3) $563,000.

Pioneer Construction Co.—(3) $579,500.

Walker & Olund—(5) $297,000.

Complete bids will be published shortly.

APPROVED

SAN FRANCISCO, Calif.—Treasury Department approved the awards for vacuum pump to Nash Engineering Co. and lead-in insulators to Corning Glass Works for the U. S. Federal Building, San Francisco. Great Lakes Construction Co., 333 N. Michigan Ave., Chicago, Ill., general contractors

AWARD APPROVED

HOLLYWOOD, Calif. — Treasury Department approved the award to the Toledo Scale Co. for furnishing a scale for the U. S. Post Office in Hollywood. K. E. Parker Company, 135 South Park St., San Francisco, general contractors.

8— CLUB BUILDINGS

Planned.

ALTERATIONS Cost, $9000
SACRAMENTO, Sacramento Co., Cal. Fifteenth and K Streets.
Alterations to lodge building (new roof, etc.)
Owner—Sacramento Aerie No. 9, Fraternal Order of Eagles (Chas. J. Chenu, President).
Architect—Not Given.

Contract Awarded.

ALTERATIONS Cost, $6896
SACRAMENTO, Sacramento Co., Cal. Fifteenth and K Streets.
Alterations to lodge building.
Owner—Eagles Hall Association.
Architect—Not Given.
Contractor—Wm. E. Truesdale, 2116 H St., Sacramento.

Plans Being Completed.

LODGE BLDG., ETC. Cost, $45,000
DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store building; cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.); 2 lodge halls, banquet hall and offices on second floor with stores on the ground floor.
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
General bids will be asked by the architect in about one week.

WORK STARTED

ARCADIA, Los Angeles Co., Cal.—Lindgren & Swinerton, 605 Olympic Blvd., Los Angeles, have started work on addition to clubhouse at the horse racing plant in Arcadia for the Los Angeles Turf Club; Dr. Chas. H. Straub, manager. Cost, $48,000. Gordon B. Kaufmann, 610 Union Bank Bldg., Los Angeles, architect.

9— HOSPITALS

Plans Being Completed.

PSYCHOPATHIC WARD $326,000
MEDICAL LAKE, Washington.
Three-story "L" shaped psychopathic ward building (brick and reinforced concrete construction, tile floors, detention type steel sash, etc.)
Owner—State of Washington.
Architect—George M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Project approved by the PWA. Bids will be asked shortly by O. L. Olsen, Director of Finance, Budget and Business.

Plans Being Completed.

ADDITION Cost, $128,996
MEDICAL LAKE, Washington.
Three-story brick and concrete addition to hospital (174x44 ft.) brick exterior walls, hollow clay tile interior partitions, linoleum and tile floors, detention type steel sash, etc.
Owner—State of Washington.
Architect—George M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Project approved by the PWA. Bids will be asked shortly.

PLANNED

PLACER COUNTY, Cal.—The President has approved an allotment of $4,856,500 to the Office of Indian Affairs of the Department of the Interior for construction and improvements.

The allotment includes $60,000 for construction and Indian unit at the Weimar Sanitorium, Placer County.

PLANNED

FRESNO COUNTY, Cal.—The President has approved an allotment of $1,856,500 to the Office of Indian Affairs of the Department of the Interior for construction and improvements.

The allotment includes $60,000 for constructing an Indian unit at the Wish-i-Ah Sanitorium near Auberry, Fresno County.

10— HOTELS

Construction Postponed Indefinitely

ALTERATIONS Cost, $——
SAN FRANCISCO, No. 433 Powell St.
Alterations and additions to Chancellor Hotel (alter dining room and kitchen, cocktail lounge, bar fixtures, new kitchen equipment, electrical work, sheet metal, etc.)
Owner—Chancellor Hotel.
Architect — Hertzka & Knowles (W. S. Hertzka, Architect), Room 418 369 Pine St., San Francisco.

12— POWER PLANTS

COMPLETE BID LISTING

BONNEVILLE DAM, Oregon—General Construction Co. and J. F. Shea, Henry Bldg., Portland, and Bonneville, Oregon, at $768,343 on Schedule I, and at $1,160,307.90 on Schedule III, as previously reported, submitted low bid to the U. S. Engineer Office, Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, October 8, for constructing the power house superstructure and Bradford Island fish ladder at the Bonneville Power and Navigation Project, located 42 miles east of Portland on the Columbia River; Contract No. 50.

Bids were taken under three schedules as follows:

SCHEDULE I

(a) Construction of the powerhouse superstructure;
(b) Completion of the powerhouse substructure around scroll cases, turbines and generators, including installation of specified turbine parts;
(c) Construction of one fishway control house south of powerhouse.

SCHEDULE II

(d) Construction of the Bradford Island fish ladder;
(e) Construction of one fishway control house at fish ladder intake.

SCHEDULE III

(f) All work required for Schedules I and II.

General Description

The work at the powerhouse consists primarily of (1) constructing the superstructure, a concrete building about 277 feet long by 103 feet wide and 72 feet in height and (2) completing its concrete substructure.

Bradford Island fish ladder will be a concrete channel of rectangular cross section to be built upon a gradient with cross walls or weirs at regular intervals. An enclosed auxiliary water supply conduit is to be constructed. Two concrete bridges

are to be provided crossing over the fish ladder.

Following is the schedule of quantities estimated for canvassing bids:

SCHEDULE I

(1) 17,000 c.y. concrete Class A, below elevation 55.0;
(2) 8,800 c.y. concrete Class A above elevation 55.0;
(3) 1,000 c.y. concrete, Class B below elevation 55.0;
(4) 200 l.f. rubber hose for reinforcing steel;
(5) 35 c.y. sawdust concrete;
(6) 3,800,000 lbs. reinforcing steel;
(7) 570,000 lbs. struc. steel, heavy;
(8) 110,000 lbs. do, light;
(9) 2,000 lbs. steel castings;
(10) 3,000 lbs. iron castings;
(11) 1,000 lbs. cast bronze;
(12) 35,000 lbs. steel rails;
(13) 133,600 lbs. steel gratings, heavy;
(14) 26,580 lbs. do, light;
(15) 12,000 setting anchor bolts and inserts, material furnished by contractor;
(16) 5,000 setting anchor bolts, and inserts, material furnished by government;
(17) 300 l.f. copper water stops, vertical;
(18) 1,660 l.f. do, horizontal;
(19) 12,000 pounds galvanized wrought iron pipe;
(20) 1,000 lbs. pipe fittings, galvanized wrought iron;
(21) 51,000 lbs. cast iron pipe;
(22) 7,000 lbs. cast iron pipe fittings;
(23) 800,000 lbs. turbine parts (installation only);
(24) 1 job field painting doors and window sash;
(25) 5,100 sq. ft. tile walls, 4-in. thick
(26) 7,140 sq. ft. do, 6-in. thick;
(27) 800 sq. ft. do, 12-in. thick;
(28) 2,500 sq. yds. plaster on tile and concrete;
(29) 220 sq. yds. plaster on metal lath
(30) 2,300 sq. yds. suspended ceiling in generator room;
(31) 1,000 sq. yds. suspended ceiling elsewhere;
(32) 1 job windows and steel sash;
(33) 1 job steel doors, jambs and trim
(34) 800 l.f. metal base board;
(35) 212 squares roof membrane, under concrete;
(36) 54 squares do, exposed;
(37) 5,200 lbs. 16-oz. copper flashings and counterflashings;
(38) 1 job plumbing;
(39) 1,400 lbs. aluminum expansion joint trim;
(40) 6,000 lbs. misc. items of metal work;
(41) 1,5 MFBM oak lumber;
(42) 5.0 MFBM fir (for walkway);
(43) 17,000 l.f. ¾-inch galv. conduit, with fittings;
(44) 7,000 l.f. 1-in. do;
(45) 3,000 l.f. 1¼-in. do;
(46) 7,000 l.f. 1½-in. do;
(47) 4,000 l.f. 2-in. do;
(48) 1,000 l.f. 2½-in. do;
(49) 2,000 l.f. 3-in. do;
(50) 1,500 l.f. 3½-in. do;
(51) 500 l.f. 4-in. do;
(52) 500 l.f. 4½-in. do;
(53) 4,000 l.f. 4-in. fibre conduit;
(54) 500 l.f. 4½-in. do;
(55) 2,500 l.f. 4-in. transite conduit;
(56) 500 l.f. 4½-in. do;
(57) 600 l.f. 3¾x1⅛-inch underfloor fibreduct or equal, with fittings;
(58) 2,000 lbs. cabinet and pull boxes, galv. sheet steel;
(59) 150 lbs. copper grounding wire;
(60) 500 lbs. cast iron boxes;
(61) 580 tons erecting two 300-ton cranes (quote price per ton for erecting);
(62) 1 job construction of fishway control house at south end of powerhouse.

SCHEDULE II

(63) 145,000 c.y. excavation;
(64) 10,000 c.y. compaction;
(65) 500 c.y. rip-rap, hand placed;
(66) 1,000 c.y. rip-rap, loose;
(67) 850,000 sta. yds. overhaul;
(68) 15,320 c.y. concrete, Class A;
(69) 408,300 sq. ft. forms, Type 1;
(70) 3,940 sq. ft. forms, Type 2;
(71) 42,910 sq. ft. forms, Type 3;
(72) 5,300 sq. ft. expansion joint precast;
(73) 5,450 l.f. copper water stops;
(74) 3,000,000 lbs. reinf. steel;
(75) 102,500 lbs. structural steel, copper bearing;
(76) 1,850 lbs. corrosion resisting steel
(77) 1,140 lbs. steel castings;
(78) 11,900 lbs. iron castings;
(79) 17,000 lbs. misc. metal work;
(80) 1,000 lbs. galv. wrought iron pipe 2-in. to 10-in.;
(81) 300 l.f. galv. conduit, ½-in. dia., with fittings;
(82) 300 l.f. do, ¾-in. do;
(83) 5,000 l.f. do, 1-in. do;
(84) 4,500 l.f. do 1½-in. do;
(85) 500 l.f. do, 2-in. do;
(86) 20 l.f. do, 3-in. do;
(87) 50 lbs. cabinet and special boxes
(88) 100 lbs. copper ground wire;
(89) 8 MFBM timber baffles;
(90) 18 each diffusion chamber gates;
(91) 8,000 sq. ft. wood grating, diffusion chamber;
(92) 1 job construction of control house at Bradford Island fish ladder intake.

SCHEDULE III

A combination of all items in Schedules I and II.

Complete total bids follow:

General Constr. Co. and J. F. Shea, schedule (I) $768,343.90; schedule (II) no bid; schedule (III), $1,160,307.90.

Guy F. Atkinson, Portland, (I) no bid; (II) no bid; (III) $1,290,447.20.

Hoffman Constr. Co., Portland, (I) $780,095; (II) no bid; (III) no bid.

Teufel & Carlson, Seattle, (I) $781,763.35; (II) no bid; (III) no bid.

V. R. Dennis Constr. Co., San Diego, (I) no bid; (II) $553,103.50; (III) $1,412,087.50.

Dougan-Hammond Construction Co., Portland, (I) $848,885; (II) no bid; (III) no bid.

Columbia Constr. Co., Bonneville, (I) no bid; (II) $607,136.25; (III) $1,484,045.05.

U. S. Engineer's estimate (I) $854,

BIDS WANTED

SPOKANE, Wash.—Until November 14, 9:30 a. m., bids will be received by the City of Spokane for furnishing tainter gates, hoists, crane, and trash rack rake, for control works and head works for the Upriver Station of the City Water Department. Work includes 8 tainter fates 17 x 26 ft.; 8 motor driven tainter gate hoists for one 3-ton manual traveling gantry crane; 6 vertical lift gates 9 ft. 6 in. x 18 ft; 6 motor driven gate hoists; about 14,000 lbs. structural steel hoisting frame; motor operated trash rack rake; and about 19,000 lbs. structural steel trash rack, etc.

Specifications obtainable from City Water Supt. Alex Lindsay upon deposit of $5.

F. G. Sutherlin, Commissioner of Public Utilities.

BIDS WANTED

SPOKANE, Wash.—Until November 7, 9:30 a. m., bids will be received by the City of Spokane for furnishing generators, circuit breakers, switchboard panels, and transformers for the Upriver Station of the City Water Department. Work includes three 1625 kv-a generators with exciters and thrust bearings; 7 100,000 kv-a, 15,000 volt, metal clad oil circuit breakers; 7 standard steel switchboard panels; three 25 kv-a transformers, 2400 to 220-110 volts; miscellaneous control and indicating devices, wire cables, and conduit.

Specifications obtainable Water Supt. Alex Lindsay upon deposit of $5.

Sutherlin, Comm. . . . Public Utilities.

BIDS WANTED

SPOKANE, Wash.—Until October 31, 9:30 a. m., bids will be received by the City of Spokane for furnishing f.o.b. Spokane, and supervising installation of three automatically adjustable blade propeller type, hydraulic turbines, three hydraulic governors, and all necessary auxiliaries and appurtenances, for the City Water Department.

Specifications obtainable from City Water Supt. Alex Lindsay upon deposit of $5.

F. G. Sutherlin, Commissioner of Public Utilities.

LOW BIDDERS

SUMMIT, Canal Zone.—E. C. N. . el, 912 Micheltorena St., Los Angeles, at $12,400 submitted low bid to the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8041, for antenna supports and ground system at Summit, C. Z.

C. I. Bottenfield at $19,800, and the General Electric Co., Schnectady, N. Y., at $30,600, submitted second and third low bids, respectively.

BIDS WANTED

SPOKANE, Wash.—Until December 5, 9:30 a. m., bids will be received by the City of Spokane for the construction of the control works and power house for the Upriver S . . . for the City Water Department.

Principal items involved are: 28,000 c. y. excavation; removing 7 c.y. masonry walls; 19,000 c.y. reinf. conc., all classes; 30,00 s.f. steel sheet piling; 2000 s. y. gunite; installing 320 tons of machinery and structural steel.

Specifications obtainable from City Water Supt. Alex Lindsay upon deposit of $5.

F. G. Sutherlin, Commissioner of Public Utilities.

BIDS WANTED

MARE ISLAND, Calif.—Until October 30, 11 a. m., bids will be received by Bureau of Yards and Docks Navy Dept., Washington, D. C., for 75 Kx. motor-generator set and electrical equipment for floating dock at the Navy Yard, Mare Island. Spec No. 8071.

Plans and specifications may be obtained from above office and from Commandant, Navy Yards, Mare Island, upon deposit of $10.

CONTRACT AWARDED

NAVAJO CAPITAL, N. M.—Fairbanks-Morse & Co., New York City at $38,510, awarded contract by the Interior Department, Purchasing Officer, Washington, D. C., under Proposal 897, for furnishing and installing diesel electric generating equipment for the Navajo Capital power plant, N. M.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

CONTRACT AWARDED

SAN QUENTIN, Marin Co., Calif.—Alling Iron Works, 2415 5th St., Sacramento, at $798, awarded contract by State Purchasing Department, Sacramento, for stairway and nine railing, etc., at San Quentin. Complete bids follow:

Alling Iron Works, Sacramento $798

Michel & Pfeffer Iron Works, San Francisco .. 1096
Patterson & Koster Iron Works San Francisco 1126
Golden Gate Iron Works, San Francisco 1152
Monarch Iron Works, San Francisco 1156
Fair Manufacturing Co., San Francisco 1275
Palm Iron Works, Sacramento 1297

Plans Being Figured
ROOFING Cost, $——
PACIFIC GROVE, Monterey Co., Cal.
Tile Roofing on library.
Owner—City of Pacific Grove.
Architect—C. Jerry Ryland, National Bank Building, Salinas.
Date of opening bids will be set within a few days.

Plans Being Completed.
ADDITION Cost, $27,000
WOODLAND, Yolo Co., Calif.
Completion of City Hall (frame and stucco construction).
Owner—City of Woodland.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.
Plans will be submitted to the PWA for approval on October 28.

CONTRACT AWARDED
FAIRFIELD, Solano Co., Cal.—Napa Roofing Co., Napa, at $945 awarded contract by Board of Supervisors for repairing present asphaltic roof covering of the County Courthouse and County Jail at Fairfield.
Complete bids follow:
Napa Roofing Co. ..... $ 945
Pacific Roofing Co., Vallejo 1126
W. S. Bickford, Fairfield 1134

Commissioned To Prepare Plans.
CITY HALL Cost, $60,000
SAN LEANDRO, Alameda Co., Cal.
New City Hall.
Owner—City of San Leandro.
Architect—Geo. Whitman, Los Gatos.
Application filed with PWA for loan and grant.

BIDS OPENED
SAN FRANCISCO, Cal.—Frank J. Reilly, 6350 Fulton Street, at $4,621 submitted low bid to Department of Public Works for alterations and additions to bar at the War Memorial Opera House, Van Ness Ave. and Grove Street. Complete bids follow:
Frank J. Reilly $4,621
Mullen Mfg. Co. 5,750
M. E. Vukicevich 5,793
Mangrum-Holbrook Co. 5,867
Bids held under advisement.

BIDS WANTED
COALINGA, Fresno Co., Cal.—Until October 24, 7 p.m., bids will be received by F. J. McCollum, Secretary, Coalinga Union High School District Library, for furnishing and installing a gas burning furnace for heating the district library building.
Specifications may be obtained from above office.

Plans Being Prepared
LIBRARY Cost, $30,000
CHICO, Butte Co., Calif.
New library building.
Owner—City of Chico.
Architect—Chester Cole, Chico.

Plans Being Prepared
CITY HALL Cost, $8[illegible]
TULARE, Calif.
One-story city hall.
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg., Fresno.

Plans Being Completed
MEMORIAL HALL Cost, $35,000
TULARE, Calif.
Memorial building.
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg., Fresno.

LOW BIDDER
OAKLAND, Cal.—Aladdin Heating Corp., 5107 Broadway, Oakland, submitted low bid to Board of Library Directors, Oakland, for furnishing and installing new furnace and new blower and motor to be operated in connection with the furnace in the Elden Branch of the Oakland Free Library, 52nd St. and Telegraph Ave., Oakland.
Bids held under advisement until October 17.

BOND ELECTION
EL CERRITO, Contra Costa Co., Cal.—City of El Cerrito will vote on November 5, on a proposal to issue bonds in the amount of $17,000, proceeds to finance construction of a one-story frame and stucco City Hall in El Cerrito.
Preliminary plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

Bids Rejected.
ALTERATIONS Cost, $——
ALAMEDA, Alameda Co., Cal. NW Santa Clara and Oak Streets.
Alterations to City Hall tower (new roof, etc.)
Owner—City of Alameda.
Architect—Carl Werner, 2303 Bay St., Alameda.
Low Bidder—Kelly & Tulloch, 335 8th St., Oakland.
Complete bids follow:
Kelly & Tulloch, Oakland $1600.00
Salvage 5.00
Wm. A. Degan, Alameda 2887.00
Salvage 25.00
W. G. Thornally, Oakland 4362.00
Salvage 5.00
All bids rejected. Whether new bids will be asked is not determined at this time.

CONTRACT AWARDED
SAN FRANCISCO—Frank J. Reilly, 6350 Fulton St., at $4621 awarded contract by Department of Public Works, for alterations and additions to bar at the War Memorial Opera House, Van Ness Ave. and Grove Street.
Complete bids published Oct. 14.

CONTRACT AWARDED
SAN FRANCISCO — D. N. & E. Walter, 562 Mission St., at $164 awarded contract by Department of Public Works for furnishing and hanging monks cloth when alterations are made, matching present installation in the Art Museum, Fourth Floor, Veterans Building, Van Ness Avenue and McAllister Street.

14— RESIDENCES

Sub Contracts Awarded
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal., No 434-36 McAuley Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—M. Rossi, 438 McAuley St., Oakland.
Architect—Not given.
Contractor—John Cisero, 471 42nd St. Oakland.
Roofing—Tuterlocking Tile Co., ——
Plumbing—Mario Maiolini, 5561 Marshall St., Oakland.
Lumber—E. K. Wood Lumber Co., Frederick and King Sts., Oakland.
Hardware—Fiorio Hardware Co., 4739 Telegraph Ave., Oakland.
Painting—Pacific Paint Co., 1975 Shattuck Ave., Oakland.
Sub-bids are being taken on electric wiring, heating, sheet metal, furnace, tile work, window shades, iron grille work, plastering and lathing, etc.

Sub Contracts Awarded
RESIDENCE, [illegible]
[illegible] Alameda [illegible]
1196 Keith Avenue
One-story wood frame re[illegible] rooms) and one-story [illegible] guest house (4 rooms) [illegible] wood exterior, copper clad roof, [illegible] ing, wood floors, etc.
Owner—Professor Dixon.
Architect—Michael Good[illegible] Center St., Berkeley.
Contractor—[illegible] 1946 [illegible] Ave., Berkeley.
Roofing—Camelsa Bros., Oakland
Plumbing—H. Lass, 5300 [illegible] St., Oakland.
Electric Wiring—Johndrow Co., Oakland.
Hardware—Berkeley Hardware [illegible] 2154 University Ave., Berkeley.
Foundations—Ensor Buel, 2927 [illegible] Ave., Berkeley.
Bids are being taken on all [illegible] portions of the work.

Contract to Be Awarded
RESIDENCE Cost, [illegible]
RICHMOND, Contra Costa Co. Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double garage, shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adock.
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.
Contractor—George Tandy, 673 38th St., Richmond.

Contract Awarded
RESIDENCE Cost, $7000
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
One-story and basement Monterey-Colonial type residence (5 rooms, 1 bath) shake roof oak floors, wood and steel sash, gas warm air heating system, etc.
Owner—Mrs. F. R. Axton, 19 Monte Ave., Piedmont.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—T. M. Almquist, 4218 La Cresta Ave., Oakland.

Plans Being Figured—Bids Close Oct. 22, 12 Noon.
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club Area.
Two-story and basement frame and stucco residence (12 rooms and 5 baths); shake roof, oil heating system, wood sash, hardwod floors linoleum in baths, etc.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.
A. F. Mattock, 212 Clara Street, is figuring the plans.

Plans Being Revised
RESIDENCE Cost, $—
BERKELEY, Alameda Co., Cal., Bowling Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. C. Cheek.
Architect — Roland I. Stringham, 525 Market St., San Francisco.
(6674) 1st rep. April 24; 2nd June 21, 1935. 14

Plans Completed.
RESIDENCE Cost, $18,000
HILLSBOROUGH, San Mateo Co., Cal. Ravenscourt Road.
Two-story and basement frame and stucco residence (9 rooms and 5 baths); shake roof, gas hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner and Builder—Cavanagh & Barz 432 Occidental Ave., San Mateo.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Calif. Aragon Tract.
One-story and basement frame and stucco residence (5 rooms) tile roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner and Builder—Leadley & Wiseman, 207 Second Ave., San Mateo.
Architect—Ed. Musson Sharpe, 525 Market St., San Francisco.
(8211) 14

Plans Being Revised.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co.
Two-story frame residence.
Owner—Mr. Danford.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Bids will be asked at a later date.

Owner Taking Bids.
RESIDENCE Cost, $——
SAN FRANCISCO. Pacific Avenue.
Three-story duplex residence (7 rooms and 2 baths each) stucco exterior, tile and composition roof, hardwood floors, gas fired steam heat.
Owner—Lyman J. Potter, 3835 Jackson Street., San Francsico.
Architect—Sidney A. Colton, 544 Market St., San Francisco.

Contract Awarded
LIBRARY Cost, $4000
ALAMEDA, Calif. 2024 Central Ave.
One-story frame and stucco studio library.
Owner—Henry H. Meyers, 2021 Alameda.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Shafter St. 125 S Lane St.
One-story and basement frome and stucco residence.
Owner—Eugene Bourgon, 2291 Third St., San Francisco.
Architect—Not Given.
Contractor—Hugh Hall, 2288 Third St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $3500
STOCKTON, San Joaquin Co., Calif. 321 E. Main St.
Alterations to residence.
Owner—Mary W. Hodgkins.
Architect—Not given.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Contract Awarded
RESIDENCE Cost, $6000
BERKELEY, Calif. 624 Euclid Ave.
Two-story frame and stucco residence (7 rooms).
Owner—H. G. Parks, 1847 Yosemite Road, Berkeley.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley.

To Be Done by Day's Work
RESIDENCE Cost, $6000
BERKELEY, Calif. 939 Contra Costa Road.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—R. R. Plummer, 1624 Cedar St., Berkeley.
Architect—Not given

BIDS BEING REVISED
RESIDENCE Cost, $--
SAN FRANCISCO. Sherwood Forest.
Two-story and basement frame and stucco residence.
Owner—Dr. and Mrs. J. D. Delprat. 2005 No. Commerce St. ket St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $8500
OAKLAND, Alameda Co., Cal. No. 715 Rosemount Road.
Two-story and basement frame and stucco residence (8 rooms).
Owner and Builder—H. P. Fisher, 376 17th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5897 Marpeth Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Cora C. Magruder, Premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Huron and Whipple Streets.
Two one-story and basement frame and stucco residences.
Owner and Builder—L. Besio, 450 Lisbon Street, San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 4288 Fruitvale Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—H. O. Hieb, 2867 Hopkins St., Oakland.
Architect—Not Given.
Contractor—C. O. Pishel, 4276 Fruitvale Ave., Oakland.

To Ask Bids Shortly
RESIDENCE Cost, $10,000
SACRAMENTO, Calif., College Park.
Two-story and basement frame and stucco residence (7 rooms and 3 baths), tile roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Plans Being Prepared
RESIDENCES Cost, $8000 each
VALLEJO, Solano Co., Cal.
Two 2-story frame and stucco residences.
Owner—Names withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Being Revised
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Shelton Drive, Piedmont Pines.
California-Colonial residence (6 rooms, two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Moordock.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
New bids will be asked at a later date.

Plans Completed
RESIDENCE Cost, $5000
CONTRA COSTA COUNTY, Calif. Happy Valley.
One and one-half story masonry residence (shake roof, steel sash, hardwood floors, etc.)
Owner—Paul A. Figour.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Being Completed
RESIDENCE Cost, $5000
BERKELEY, Calif. Cragmont District.
One-story frame and stucco residence (5 rooms).
Owner—Name withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Being Figured
RESIDENCE Cost, $5000
BERKELEY, Calif. Forest Lane.
Two-story frame and stucco residence (6 rooms, 2 baths).
Owner—Name withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Preparing Working Drawings
RESIDENCE Cost, $12,500
OAKLAND, Calif. Claremont Pines.
Two-story and basement frame and stucco residence (8 rooms, 3 baths). Spanish style, tile roof, steel sash, oak plank floors, hot air heating system, etc.
Owner—Name withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Twenty-fourth Ave. 50 N Lawton Street.
One-story and basement frame and stucco residence.
Owner—Theodore K. Veyhle, 1326 22nd Ave., San Francisco.
Architect—Vincent Buckley, 525 Market St., San Francisco.
Contractor—Stello J. Birdsall, 646 47th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Twenty-second Ave. 50 S Quintara Street.
One-story and basement frame and stucco residence.
Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect—Not Given.

Correction in Architect's Name
BUNGALOW COURT Cost, $300,000
MT. VIEW, Santa Clara Co., Calif. Graham Tract.
Bungalow Court.
Owner—Group of men including P. Milton Smith, Claude Redwine, Jack Shoemaker, et al, all of Mt. View.
Architect—Douglas Stone, 110 Sutter St., San Francisco.
Louis Stone was previously reported as the architect, which was in error.

Construction Started.
RESIDENCE Cost, $20,000
LAKE TAHOE, Placer Co., Cal.
Two-story wood and stone mountain house (7 rooms, 3 baths) shake roof, steel sash, etc.
Owner—Withheld.
Architect—Noble and Archie T Newsom, Russ Bldg., San Francisco.
Mgr. of Constr.—N. R. Mayfield, Tahoe City.

Contract Awarded
COTTAGE Cont. Price $5,550
SANTA ROSA, Sonoma Co., Calif.
Six-room cottage, wood frame, shingle roof, hardwood floors, gas heating system, etc.
Owner—Mrs. John Maroni.
Architect—J. I. Easterly, Exchange Bldg., Santa Rosa.
Contractor—Louis Halvorsen, 128 Dutton Ave., Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND. Alameda Co., Cal. No. 4130 Lyman Road.
One-story and basement frame and stucco residence (6 rooms).
Owner — Gertrude M. Pressler, 1419 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $9,000
SAN FRANCISCO, Calif., Castenada and San Marcos Sts.

Two-story and basement frame and stucco residence.
Owner—John D. Emmons.
Plans by Conrad T. Kell, 519 California Street.
Contractor—De Luca & Son, Inc., 1745 Filbert Street.

Plans Being Prepared.
SAN FRANCISCO. Forest Hill.
One-story and basement frame and stucco residence (6 rooms and 2 baths) brick veneer exterior, shingle tile roofing, wood and steel sash, gas heating system, tile baths, (Monterey Colonial type).
Owner and Builder—D. Tiscornia, 1651 Alemany Blvd., San Francisco.
Architect—D. E. Jaekle 126 Post St., San Francisco.

Preparing Plans
ADDITION Cost, $99,304
SAN FRANCISCO, Calif., 30th Ave. near Lawton St.
Eight Classroom additions at the Aptos High School.
Owner—City and County of San Francisco.
Architect—Dodge Reidy, 821 Market Street.

Contract Awarded.
RESIDENCE Cost, $6700
SACRAMENTO, Sacramento Co., Cal. Wright and Kimbrough Tract.
Two-story frame and stucco residence
Owner—F. G. Leserer, 1316 38th St., Sacramento.
Architect—Not Given.
Contractor—Frank Maloney, 3172 T Street, Sacramento.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
OAKLAND, Alameda Co., Cal. No. 3985-3989 Lyman Road.
Two one-story and basement frame and stucco residences (6 rooms).
Owner and Builder—J. M. Kinley, 631 Hillsborough St., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO. W Thirtieth Ave. 150 S Judah Street.
Two-story and basement frame and stucco residence.
Owner—Vilda & Macy L. Hanes, 1033 Stanyan St., San Francisco.
Architect—Not Given.
Contractor—Robert Black, 1935 Cabrillo St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. E Dunsmuir St. N Silver Avenue.
Six one-story and basement frame and stucco residences.
Owner and Builder — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
MONTEREY, Monterey Co., Calif.
Residence (three bedrooms).
Owner—Mr. and Mrs. C. W. Keeley, 946 Franklin St., Monterey.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.

Contract Awarded.
ALTERATIONS Cost, $——
CARMEL, Monterey Co., Calif. Dolores and Vista Streets.
Remodel residence.
Owner — Mr. and Mrs. Irwin Barbour, Premises.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Contractor—John Williams, Carmel.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
ALAMEDA, Cal., 1606 Santa Clara Avenue.
One-story frame residence (6 rooms) rustic exterior.
Owner — P. Royal Haulman, 1243 Broadway.

Planned
BUNGALOW COURT Cost, $300,000
MT. VIEW, Santa Clara Co., Calif., Grahnm Tract.
Bungalow Court.
Owner—Group of men including P. Milton Smith, Claude Redwine, Jack Shoemake, et al., all of Mt. View.
Architect—Louis Stone, Humboldt Bank Bldg., San Francisco.
Further details will be announced at a later date.

Contract Awarded.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 474 Fifty-sixth Street.
One-story frame and stucco residence
Owner—Raymond and Cecelia Cuneo, 355 50th St., Oakland.
Architect—Not Given.
Contractor—E. J. Luoma, 2313 Browning St., Berkeley.

Bids Rejected
ALTERATIONS Cost, $5000
ALAMEDA, Alameda Co., Calif.
Alterations and additions to residence
Owner—Not Given.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
(8072) 1st rep. Oct. 3, 1935. * 14 October 11, 1935

Bids Opened
RESIDENCE Cost, $5,986
EDGEMONT, Santa Clara Co., Calif., Alum Rock Hills District.
One-story brick Colonial residence (6 rooms and 2 baths) shingle roof, pine floors, gas heat, tile baths.
Owner—C. F. Holmes, 87 S. 17th St., San Jose.
Architect — Chas. McKenzie, Twohy Bldg., San Jose.
Low Bidder — J. V. N. Gohranson, 10th St., Rt. 2. Box 231, San Jose.
Complete bids follow:

J. V. N. Gohranson	$5,986
F. W. Reese	6,145
Wm. Schwartz	6,580
C. F. Keesling	6,892
*N. J. Nielsen	5,985

*Bid did not include the septic tank. Bids held under advisement.

Contract Awarded
RESIDENCE Cost, $5000
ALAMEDA, Calif., 3362 Fernside Blvd.
One-story and basement frame and stucco residence (5 rooms).
Owner—Miss Susan Dickenson, Walla Vista Ave., Oakland
Architect—Paul Tuttle, 3839 Randolph Ave., Oakland.
Contractor—Farringer & Spaulding, 1511 Union St., Alameda.

Plans Being Prepared
RESIDENCE Cost, $—
VALLEJO, Solano Co., Calif. Morningside Subdivision.
One-story and basement frame and stucco residence (5 rooms).
Owner—A. O. Smith.
Plans by James E. Fuller, 723 Amador St., Vallejo.

Plans Being Figured—Bids Close Oct. 26, 4 P. M.
RESIDENCE Cost, $4300
OAKLAND, Alameda Co., Cal. Chabot Drive.
Two-story and basement frame and seucco residence & garage; hardwood floors, gas heating system.
Owner—Mrs. C. Ringen.
Architect — Earl R. MacDonald, 3812 Broadway, Oakland.
Following will submit bids.
George Windsor, 928 Kingston Ave., Piedmont
A. Frederick Anderson, 1518 38th St., Sacramento
C. J. Krattenmaker, 5322 James Ave., Oakland.
T. D. Courtright, 349 51st Street, Oakland
Archie Waring, 3234 Prentiss St., Oakland.

Contract Awarded
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif.
Architect—Miller & Plueger, 580 Mar-
One-story and basement frame and brick veneer residence.
Owner—G. B. Leonardini, Upper Sacramento Road, Stockton.
Architect—Not given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton

To Be Done By Day's Work
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Lyon and Hoag Claremdon Rd.
One-story and basement frame and stucco residence.
Owner & Builder—Burlingame Realty & Building Co., 1090 Burlingame Ave., Burlingame.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $6000
MENLO HEIGHTS, San Mateo Co., Calif., Menlo Ave.
One-story and basement frame and stucco residence.
Owner—Prof. M. Savelle.
Architect—Not given.
Contractor—A. B. Allen, 1015 Stanford Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $6500
BAYWOOD PARK, San Mateo Co.
Two-story Monterey-Colonial type residence (5 rooms and 2 baths) shingle tile roof, frame and stucco construction, wood and brick exterior, oak floors, tile baths, wood sash, gas warm air heating system, etc.
Owner—Withheld.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman Holsher, 325 Elm St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $7000
BAYWOD PARK, San Mateo Co.
Two - story American - Colonial type residence (6 rooms and 2 baths) wood and brick exterior, shingle tile roof, tile baths, wood sash, gas warm air heating system.
Owner—Withheld.
Architect — Maria Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman Holsher, 325 Elm St., San Mateo.

Plans Being Figured.
RESIDENCE Cost, $8000
MARYSVILLE, Yuba Co., Cal.
Two-story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, oil burner heating system, wood sash, hardwood floors, tile baths.
Owner—G. H. Ottney.
Architect — Mario Corbett, Benjamin Franklin Motel, San Mateo.

Contract Awarded.
RESIDENCE Cost, $2500
SAN MATEO, San Mateo Co., Calif. Sky Londa Tract No. 5.
Alterations to residence and add new garage.
Owner—Carlton Morse.
Architect—Not Given.
Contractor—W. C. Maus, 667 Cherry St., East Palo Alto.

Contract Awarded.
RESIDENCE Cost, $3341
SANTA CRUZ, Santa Cruz Co., Cal.
One-story frame and stucco residence (5 rooms).
Owner—Willis Polk Co. (Angus McSweeney, Architect), 604 Mission St., San Francisco.
Contractor—Frank Van Ness, P. O. Box 138, Capitola.

Contract Awarded.
ALTERATIONS Cost, $2000
STOCKTON, San Joaquin Co., Calif. No. 219 W. Oak Street.
Alterations to residence.
Owner—Mrs. V. Moit, Premises.
Architect—Not Given.
Contractor — W. J. McCarty, 327 E. Charter St., Stockton.

Contract Awarded
RESIDENCE. Cost, $18,000
SAN FRANCISCO, Calif., S. W. Pierce and Filbert Sts.
Two-story and basement frame and stucco residence.
Owner—Arthur De Luca, 2519 16th Avenue.
Architect—Not given.
Contractor—De Luca & Son, Inc., 1745 Filbert St.

Contract Awarded
RESIDENCE. Cost, $4000
BERKELEY, Alameda Co., Calif. 927 Santa Barbara Road.
One-story frame residence (5 rooms).
Owner—Mary Lea Shane.
Architect—Gwynn Officer, 2068 Allston Way, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Berkeley.

Contract Awarded
RESIDENCE. Cost, $4000
OAKLAND, Calif., 3426 Maple Ave.
One-story frame and stucco residence (5 rooms).
Owner—Frank Rebagliati, 3020 Montana St., Oakland.
Architect—Not given.
Contractor—P. R. Haulman, 1243 Broadway, Alameda.

Contract Awarded
REMODEL RESIDENCE Cost, $——
CARMEL, Monterey Co., Calif., San Antonio and Eighth.
Remodel residence.
Owner—General Hand.
Architect—C. Jerry Ryland, P. O. Box 790, Monterey, and Salinas National Bank Bldg., Salinas.
Contractor—Miles Bain, Carmel.

To Be Done By Day's Work.
RESIDENCE Cost, $2500
Near Monte Rio, Sonoma Co., Calif. Russian River.
One-story rustic and stone residence (5 rooms) composition roof, wood sash, etc.
Owner—Mr. Wilke, % Architect.
Architect—D. E. Jackle, 126 Post St., San Francisco.

15— SCHOOLS

Plans Being Completed
GYMNASIUM Cost $241,000
TULARE, Tulare Co., Cal.
Two new classroom buildings and repairs to gymnasium, and central heating plant.
Owner—Tulare High School District W. B. Knokeyn, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.

BIDS WANTED
AMBROSE, Contra Costa Co., Cal. —Until Oct. 26, 2:30 p.m., bids will be received by A. P. Enes, clerk, Ambrose School District, Ambrose, for the construction of an addition to the Ambrose School. Work consists of adding two classrooms, new steam heating system for four classrooms, complete new plumbing system and additions to present wiring system. Plans and specifications may be obtained from Architects Marshall A. Dean, Walnut Creek, or William Avery Rich, Bank of America Bldg., Oakland, upon deposit of $15.

Plans Being Completed
GYM. & SHOPS Cost, $60,000
SELMA, Fresno Co., Cal., Campus of Selma High School.
Gymnasium and shop buildings (reinforced concrete construction).
Owner — Selma Union High School District.
Architect—W. D. Coates, Rowell Bldg., Fresno.

Preparing Preliminary Plans
SCHOOL Cost, $30,000
PIEDMONT, Alameda Co., Cal. Lake and Linda Sts.
One-story frame classroom building (5 classrooms).
Owner—Piedmont Elementary School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Preparing Preliminary Plans
SCHOOL Cost, $30,000
PIEDMONT, Alameda Co., Cal. Laurel Ave.
One-story frame and stucco elementary school.
Owner—Piedmont Elementary School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Preparing Preliminary Plans
SCHOOL Cost, $30,000
PIEDMONT, Alameda Co., Cal. Bonita Ave.
One-story frame and stucco elementary school.
Owner—Piedmont Elementary School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.

Plans Completed
HIGH SCHOOL Cost, $60,000
PIEDMONT, Alameda Co., Calif.
One-story reinforced concrete high school unit (8 classrooms and music room, tile roof.
Owner—Piedmont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans forwarded to State Division of Architecture, Sacramento, for approval.

BIDS WANTED
COALINGA, Fresno Co., Calif. — Until October 24, 7 p. m., bids will be received by the Coalinga Union High School District for furnishing and installing a gas burning furnace in the school library building. Specifications may be obtained from E. J. McCollum, secretary.

BONDS VOTED
LOMPOCO, Santa Barbara Co., Cal. —Lompoco Union Elementary School District affirmed an $18,000 bond issue October 11 as the district's share of the cost of constructing an addition to the Lompoco school. Application has been made to the PWA for a loan and grant totaling $32,727, estimated cost of the improvements.

Plans Being Completed.
SCHOOL Cost, $25,000
COLFAX, Placer Co., Calif.
One-story elementary school (5 classrooms) type of construction not determined).
Owner—Colfax Elementary School District.
Architect—George Sellon, California State Life Bldg., Sacramento.
Plans will be submitted to the State Division of Architecture for approval within one week.

Plans Being Completed.
SCHOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (6 classrooms and gymnasium (flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be completed in about two weeks.

Commissioned To Prepare Plans.
SHOP Cost, $——
ROSEVILLE, Placer Co., Cal.
New shop building.
Owner—Roseville Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.

Plans Being Completed.
TRAINING SCHOOL Cost, $284,000
CHENEY, Washington.
Two-story brick and concrete training school (hollow tile partitions, terrazzo window stools and corridors floors, plastered interior walls, flat roof, heating from high pressure line, etc.)
Owner—Cheney Normal School (R. T. Hargreaves, President).
Architect—George M. Rasque and C. I. Carpenter, Spokane Savings & Loan Bldg., Spokane.
Project approved by the PWA. Bids will be asked shortly.

Plans Being Completed.
ADDITION Cost, $76,800
TACOMA, Washington.
One-story grammar school (8 classrooms, offices, etc.) masonry construction, exterior walls faced with brick, composition shingle roof, etc. and addition to high school (add 2 rooms, etc.)
Owner—Fife School District 88, Pierce County (J. S. Allen, Clerk).
Architect—Mock & Morrison, Perkins Bldg., Tacoma.
Project approved by the PWA. Bids will be asked shortly.

BIDS WANTED
EL DORADO, Calif.—Until October 26, 5 p. m., bids will be received by Martha Forni, Clerk, El Dorado School District, for construction of a one-room frame school building in El Dorado.
Plans and specifications may be obtained from above office.

BOND ELECTION
FRESNO, Cal.—Fresno City School District will vote on November 4 (date postponed from Oct. 30) on a proposal to issue bonds in the amount of $324,000, proceeds to finance construction of high school and elementary school improvements in Fresno. Costs are estimated as follows:

High Schools	$146,000
Elementary Schools	50,000

Application for a loan and grant for $324,000 approved by the PWA. Preliminary plans prepared by the Allied Architects of Fresno.

BIDS WANTED
SACRAMENTO, Cal.—Until October 28, 5 P. M., bids will be received by Chas. C. Hughes, Secretary, Sacramento City Elementary School District, for stage equipment to be delivered f.o.b. Lincoln School, Fourth and Q Streets and the William Land School, 11th and U Streets, Sacramento. Bids must be filed with the Business Manager, Board of Educa-

tion, Administration Bldg., 21st and L Sts., Sacramento.

BOND ELECTION

LINDEN, San Joaquin Co., Calif.—Linden Union High School District will vote on October 24, on a proposal to issue bonds in the amount of $20,000, proceeds to finance construction of a new gymnasium at the Linden High School.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Following architects and engineers have been commissioned to prepare plans for the construction of new schools in Los Angeles:

Architect T. C. Kistner, Architects Bldg. Placentia School and auditorium; $——.

Architect Sumner P. Hunt, Laughlin Bldg. Virgil Jr. High School. Cost, $175,000.

Architect Edgar H. Clin, 543 N. Wilcox Ave. Wilmington School gymnasium. Cost $43,000.

Architect Edwin Bergstrom, Citizens National Bank Bldg., Belmont High School. Cost $34,000.

Architect Wesley Eager, Architects Bldg. Torrance gymnasium. Cost $21,000.

Architect William Richards, Architects Bldg., Washington High School Gymnasium. Cost $43,000

Architects Webster & Wilson, Architects Bldg. and Structural Engineer Harold A. Nelson, Associated Realty Bldg., Gardner Street School. Cost $44,000.

Architect John R. Kibbey, 9437 Santa Monica Blvd., and Structural Engineer Francis N. Dlougy, 9273 Cordell Drive, Glen Alta School. Cost $35,000.

Architect A. F. Rosenheim, 1151 S. Broadway, and Structural Engineer, R. M. McC. Beanfield, Chamber of Commerce Bldg. Reconstruction 42d St. School. Cost $59,000.

Architect H. F. Withey, 405 S. Western Ave., and Structural Engineer, Blake E. Beatty, 816 W. Fifth St., Reconstruct Wilmington School. Cost $37,50.

Architect Armand Monaco, Pershing Square Bldg., and Structural Engineer Holmes & Narver, Inc., 639 S. Spring St., Reconstruct Grant School. Cost, $70,000.

Architect Samuel E. Lunden, Rowan Building, Reconstruction Ninth Street School. Cost $35,000.

Architect Parker O. Wright, 784 S. El Molino Ave., Pasadena and Structural Engineer Stephenson B. Barnes, 803 W. Third St., L. A. Reconstruct Yorkdale School. Cost, $43,000.

Architect Chas. M. Hutchison, 1132 Central Bldg. and Structural Engineer William Mellema, 1661½ Beverly Blvd. Reconstruction 39th Street School. Cost, $38,000.

Architect Harold S. Johnson, Architects Bldg. and Structural Engineer Ralph E. Marvin, 6362 Hollywood Blvd. Reconstruction Van Ness Avenue School. Cost $57,000.

Architect A. M. Edelman, 709 H. W. Hellman Bldg. Reconstruction 52d Street School. Cost, $85,000.

Architects T. C. Kistner & Co., Architects Bldg. Shop and Physical Education Bldg. at Adams Jr. High School. Cost, $77,000.

Architect Frank R. Schaefer, 1103 Kerkhoff Bldg. School gymnasium. Franklin High School. Cost, $43,000

Architects John C. Austin and F. M. Ashley, Chamber of Commerce Bldg School Auditorium at Alexander Hamilton High School. Cost, $77,000.

Architect George M. Lindsey, 6305 Yucca St. School Auditorium at John Marshall High School. Cost, $77,000.

Architect A. C. Martin, Higgins Bldg. New School building at Nathaniel Narbonne High School. Cost $110,000

Architect A. C. Munson, 127 S. Spring St. and Structural Engineer W. M. Bostock, Huntington Park. Reconstruct Ascot Avenue School Cost, $45,000.

Architect Walter E. Erkes, Pico-Strong Bldg., and Structural Engineer C. J. Derrick, 816 W. Fifth St. Reconstruct First Street School. Cost $68,000.

Architects Myron Hunt and H. C. Chambers, 408 S. Spring St. School at North Hollywood. Cost, $88,000

Plans Being Prepared

AUDITORIUM Cost, $55,000
OILDALE, Kern Co., Calif.
One-Story reinforced concrete auditorium (to seat 1,500).
Owner—Standard School District.
Architect—Chas. H. Biggar, Haberfelde Building, Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Sub-contracts Awarded

ALTERATIONS Cont. Price, $3188
BERKELEY, Alameda Co., Cal., No. 1200 University Avenue.
Alterations to Burbank School.
Owner—Berkeley School District.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Contractor — Lindgren & Swinerton, 1723 Webster St., Oakland.
Mis Iron & Wire Fencing—Berkeley Steel Construction Co., 2nd and Camelia Sts., Berkeley
Sheet Metal and Roofing — Central Sheet Metal & Roofing Co., 3246 Ettie St., Oakland.
Mill Work — Cheehan Ballard Planing Mill, 9th and Parker Sts., Berkeley.
FINISH HARDWARE — Associated Hardware Co., 3862 San Pablo Ave., Oakland.

BOND ELECTION

LOS BANOS Merced Co., Calif.—Los Banos Elementary School Dist. will vote on October 31, on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a one-story reinforced concrete elementary school in Los Banos.

Preliminary plans prepared by Architect E. J. Kump, Rowell Bldg., Fresno.

BOND ELECTION

GUSTINE, Merced Co., Cal.—Gustine Elementary School District will vote on October 31, on a proposal to issue bonds in the amount of $55,000, proceeds to finance construction of a new high school in Gustine, to contain four classrooms, auditorium to seat 500 and cafeteria.

Preliminary plans prepared by Architects W. G. Corlett and E. A. Russ, Bank of America Bldg., Oakland.

BOND ELECTION

LOS BANOS, Merced Co., Cal.—Los Banos School District will vote on Oct. 31, on a proposal to issue bonds in the amount of $25,000, proceeds to finance construction of a reinforced concrete elementary school in Los Banos.

Preliminary plans prepared by Architect E. J. Kump, Rowell Bldg., Fresno.

Plans Being Completed.

AUDITORIUM Cost, $55,000
PLEASANTON, Alameda Co., Cal.
One-story reinforced concrete auditorium at Amador Joint High School (to seat approximately 900).
Owner — Amador Joint Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

BIDS OPENED

HUGHSON, Stanislaus Co., Calif. Hansen, 609 10th Street, Modesto, at $3390, submitted low bid to Hughson Elementary School District for furnishing and installing complete steam heating system for Hughson Elementary School. Complete bids follow:

Hansen's, Modesto	$3390
Oakland Heating Co., Oakland	3394
Andy Thorsen, Turlock	3670
T. J. Kennedy, Martinez	3824
Luppen & Hawley, Sacramento	3997
C. B. Hedman, Turlock	4188
M. J. Reeves, San Francisco	4392

Bids held under advisement.

BONDS VOTED

NEVADA CITY, Cal.—Nevada City Grammar School District voted bonds in the amount of $72,000 October 10. Proceeds to finance construction of a new elementary school in Nevada City.

Preliminary plans prepared by Architect William Mooser, Monadnock Building, San Francisco.

BONDS VOTED

NEVADA CITY, Cal.—Nevada City High School District voted bonds in the amount of $46,000 October 10th. Proceeds to finance construction of a new one-story reinforced concrete gymnasium at the Nevada City High School.

Preliminary plans prepared by Architect William Mooser, Monadnock Building, San Francisco.

Plans Awaiting Approval

ADDITION Cost, $38,500
DELANO, Kern Co., Cal.
Addition to High School.
Owner — Delano Joint Union High School District.
Architect—Wm. C. Hays & Ira Hoover, Haberfelde Bldg., Bakersfield.

Plans have been forwarded to the State Division of Architecture for approval.

BOND ELECTION PLANNED

DAVIS, Yolo Co., Calif—Davis Grammar School District will vote in the near future on a proposal to issue bonds in the amount of $19,000, proceeds to finance construction of repairs to the auditorium of the grammar school at Davis.

Preliminary plans prepared by Architects Starks and Flanders, Forum Bldg., Sacramento.

Application filed with the PWA for a grant.

October 15, 1935

BIDS WANTED

LONG BEACH, L. A. Co., Calif.—Until October 25, 4 p. m., bids will be received by Long Beach Board of Education for construction of the administration building and kindergarten at the Francis E. Willard School. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25. Francis H. Gentry, engineer, Jergins Trust Bldg., Long Beach.

Planned

SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
Elementary school building, 4 classrooms).
Owner—Knightsen Elementary School District.
Architect Not given
A bond election will be held in the near future to finance the work. Application for a loan and grant approved by the PWA

Plans Being Completed.

ADDITION Cost, $118,181
CAMAS, Washington
Alterations and additions to high

school (two-story and basement concrete and brick addition).
Owner—Camas School District.
Architect — Donald J. Stewart, 707 Main St., Vancouver.
Project approved by the PWA. Bids will be asked shortly.

16— BANKS, STORES AND OFFICES

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 234 McAllister Street.
Alterations to stores.
Owner—Eugene Simmons, 310 Tehama St., San Francisco.
Architect—Not Given.
Contractor—L. A. Hinson, 756 Fourth Ave., San Francisco.

Sub-Contracts Awarded.
DANCE HALL Cost, $10,000
ALVISO, Santa Clara Co., Calif.
One-story corrugated iron dance hall (wood trusses, etc.; 60x60 ft.)
Owner—Tom Nom and Yik Lok.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—H. E. Rahlman, 251 Kearny St., San Francisco.
Electric — Wilson Electric Co., Mt. View.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and 10th Sts., San Francisco.
Lumber — Polando Lumber Co., 301 Berry St., San Francisco.
Corrugated Iron—Soule Steel Co., 1750 Army St., San Francisco.

Contract Awarded.
FLORAL SHOP Cost, $10,000
SAN FRANCISCO. Irving St. near Twenty-first Avenue.
Two-story frame and stucco floral shop and six-room flat (composition tile flooring in shop, hardwood floors in flat) composition roofing, hot air heating system, imitation marble front, chronium trim, mirrors, etc.
Owner—Withheld.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—A. Lindgren, 346 Lowell St., San Francisco.

Sub-Contracts Awarded.
ALTERATIONS Cost, $——
SACRAMENTO, Sacramento Co., Cal. Ninth and K Streets.
Alterations to office building (alter entrance and lobby); polychrome arch trimmed in buff terra cotta, cast aluminum, stainless steel elevator fronts, modernistic lighting fixtures, etc.
Owner—Forum Investment Co. (Chas. J. Mathews, Acting Mgr.), Sacramento.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Marble and Terra Cotta—Fischer Tile & Marble Co., 1219 J St., Sacramento.
Glass—W. P. Fuller & Co., 1013 12th St., Sacramento.
Grille Work—California Artistic Metal Works, 349 7th St., San Francisco.
Plastering—Thos. Scollan, Sacramento

Plans Being Figured — Bids Close October 21,
OFFICE BLDG. Cost, $240,0000
SAN FRANCISCO. Otis and McCoppin Streets.
Two-story and basement steel frame office building face brick exterior, terra cotta trim (132x103 ft.) foundation and frame designed for additional four stories (concrete floors).
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Structural Steel — Golden Gate Iron Works, 1541 Howard St. (approximately 560 tons of steel involved).
Bids are being received for foundations and erection of structural steel only.
Bids on general contract to be asked about January 1, 1936.

Contract Awarded
ALTERATIONS Cost, $——
MARYSVILLE, Yuba Co., Cal., SW Fifth and F Streets.
Alterations to building (work involves cement and brick work, roofing, etc.)
Owner—Mathews Estate.
Architect—Not given.
Contractor—Chell & Triplett, 1202 H St., Marysville.

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Forty-sixth Ave. and Judah Street.
Alterations to store building.
Owner—Mrs. O. Mortorana, Premises.
Architect—Not Given.

Additional Sub-contracts Awarded
OFFICE BLDG. Cost $500,000
SAN FRANCISCO, 417 Montgomery.
Ten - story reinforced concrete office building (tar and gravel roof, steel sash, two elevators, steam heating system, terra cotta facing, plaster throughout, etc.)
Owner—Louis Lurie, 333 Montgomery.
Architect—W. D. Peugh, 333 Montgomery Street.
Engineer—F. W. Kellberg, 320 Market Street.
Contractor—Cahill Bros., 206 Sansome Street.
Hollow Tile — Wm. A. Rainey & Son, 323 Clementina St.
Sheet Metal — Weiland & Kolthoff, 2194 Folsom Street.
Other awards previously reported.

Plans Being Completed.
OFFICE BLDG. Cost, $922,000
OLYMPIA, Washington.
Class A fireprofing state office building (reinforced concrete floors and bearing walls, clay tile and metal partitions, granite base, steam heating system from central plant etc.
Owner—State of Washington.
Architect—Joseph Wohleb, Olympia, Washington.
Project approved by the PWA. Bids will be asked shortly.

Contract Awarded
ALTERATIONS. Cost, $6000
SAN FRANCISCO, Calif., 53 Fifth Street.
Alterations to buffet.
Owner—Lankershim Buffet, premises.
Architect—Not given.
Contractor—Mullen Manufacturing Co. 60 Rausch St.

Contract Awarded
ALTERATIONS. Cost, $2000
SAN FRANCISCO, Calif., 1319 Fillmore St.
Alterations to store building.
Owner—Hanify Estate.
Architect—Not given.
Contractor—F. A. Oehm, 611 Howard Street.

Contract Awarded.
ALTERATIONS Cont. Price, $11,700
SAN FRANCISCO. Washington and Drum Streets.
Alterations to Produce building (work involves concrete, painting, new sidewalks, sheet metal, roofing, etc.)
Owner — Washington Realty Co., 485 California Street.
Plans by Owner.
Contractor—Grant-Martinelli Co., 44 Mary Street, San Francisco.

Plans Being Prepared.
STORE Cost, $7500
PLACERVILLE, Eldorado Co., Calif.
One-story brick store building (28x 100 feet) 2 stores, composition roofing, steel sash, concrete floors with linoleum covering, etc.
Owner—Mason J. Meredith.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in about two weeks.

Cnotract Awarded.
ALTERATIONS Cost, $20,000
STOCKTON, San Joaquin Co., Calif. No. 515 E. Main Street.
Alterations to building (new front, painting, decorating, etc.)
Owner—Fred Benloff, Furrier, Stockton.
Plans by Crescent Showcase & Fixture Co., Stockton.
Contractor — Crescent Showcase & Fixture Co., San Joaquin and Taylor Sts., Stockton.

Sub Contracts Awarded
PENT HOUSE Cont. Price $9500
SAN FRANCISCO, Jones and McAlister Sts.
Penthouse restroom (1 room and buffet on Hibernia Bank Bldg.
Owner—Hibernia Savings & Loan Society, premises.
Architect — Arthur Brown, Jr., 251 Kearny St.
Contractor — Dinwiddie Construction Co., Crocker Bldg.
Structural Steel—Western Iron Works 141 Beale St.
Steam Fittings—E Sugarman, 3624 Geary St.
Linoleum—D. N. & E. Walter, 562 Mission St.
Metal Toilet Partitions—Dwan & Co., 126 Post St
Rein. Steel—Gunn Carle & Co., 20 Potero Ave.
Plumbing—F. W. Snook, 596 Clay St
Glass—Cobbledick & Kibbe Glass Co., 666 Howard St.
Electric—E. J. Lynch, 2080 Sutter St
Hardware—Palace Hardware Co., 581 Market St.
Mill Work—Anderson Bros., Quint and Custer Sts.
Lumber—Smith Lumber Co., 4th and Channel Sts.
Sheet Metal—Morrison & Co., 74 Duboce St.
Steel Sash—Detroit Steel Products Co., 111 Sutter St.
Lathing and Plaster—Herman Bosch, 2075 Folsom St.
Roofing—J. W. Bender Roofing and Paving Co., 18th and Bryant Sts
Painting—A. Quandt & Son, 374 Guerrero St.
Metal Lath—Rolph Mills & Co., 525 Market St.

CONTRACT AWARDED
STORE Cost, $10,130
OAKLAND, Alameda Co., Cal. Lakeshore Blvd.
One-story reinforced concrete store building.
Owner—Dr. McIver.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

ALTERATIONS Cost, $3967
OAKLAND, Calif. 477 15th Street.
Alterations and additions to building.
Owner—J. & H. Abrahamson.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Wilbur Cone, 608 16th St., Oakland.

Contract Awarded.
STORE & OFFICES Cont. Price $1545
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg.

(54x50 feet) composition roofing, Oregon pine floors, steel sash.
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contactor — Frank Schmerschal, Placeville.

17— THEATRES

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Claus Sheet Metal Works, 615 Florida St., Vallejo, awarded contract by Avalon Theater Co. for furnishing and installing gas heating system in the new Avalon Theater on Virginia St. Contract also awarded to the same company for installing new heating system in the McGill Apartments, 1010 Marin St., Vallejo.

Bids Opened.

PALO ALTO, Santa Clara Co., Cal. —General Seating Co., 160 Second St., San Francisco, at $815.80 submitted low bid to City Council for furnishing and installing asbestos curtain for the Community Theatre in Palo Alto.

Complete bids follow:

General Seating Co.	$815.80
B. F. Shearer Co.	881.00
American Studios	938.60
American Studio	938.69
Universal Scenic Studio	944.00

Bids held under advisement.

18—WHARVES & DOCKS

BIDS REJECTED

SAN DIEGO, Cal.—Navy Department rejected bids for repairs to concrete wharf and bulkhead at the Naval Operating Base (Air Station), San Diego. Lowest bid was submitted by R. E. Campbell, 108 W 6th St., Los Angeles, at $13,770. New bids will be asked shortly. Specification No. 8072.

Plans Being Completed

PORT TERMINAL Cost, $230,000
THE DALLES, Oregon.
Port Terminal to handle ship and barge traffic, dock (timber construction, 110 x 1,000 feet; Warehouse (mill construction 93 x 960 feet, gal. iron siding), sprinkler system with 100,000 gallon tank, R. R. tracks, etc.
Owner—The Dalles Port Commission W. R. Bailey, president).
Engineer—M. R. Colby and Col. B. C. Allen, 456 Central Building, Seattle.

19—MISC. CONSTRUCTION

COMPLETE BID LISTING

WASHINGTON, D. C.—Larsen Boat Shop, Terminal Island, Los Angeles, at $30,118, as previously reported, submitted low bid to the U. S. Coast Guard, Washington, D. C., for furnishing 55-foot patrol boats for the Pacific Coast.

Complete bids follow:

Larsen Boat Shop, Terminal Island, $30,118;
Lake Union Drydock & Machine Works, Seattle: $32,562 with Fairbanks Morse engine; $34,775 with Winton engine; $33,838 with Buda engine;
Winslow Marine Railway & Shipbuilding Co., Inc., Seattle; $35,500 with Winston or Buda;
Astoria Marine Constr. Co., Astoria, Oregon: $37,750 with Winston engine; $35,950 with Fairbanks Morse engine;
R. R. Stevens Bros., boat builders Stockton: $38,250 with Winston engine; $37,950 with Buda;
San Diego Marine Constr. Co., San Diego: $42,151 with Buda Marine Co. engine.
Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Barrett & Hilp, 918 Harrison Street, at approximately $10,000, awarded contract by the Golden Gate Bridge Company for additional building replacements at the Ninth Motor Transport Barracks, Presidio, San Francisco.

CONTRACT AWARDED

SACRAMENTO, Cal.—Pacific Coast Steel Corporation, 20th and Illinois Streets, San Francisco, at $853 awarded contract by State Purchasing Department, Sacramento for steel girders for convict camp No. 27, 90 miles east of Fresno. Complete bids follow:

Pacific Coast Steel Corp., San Francisco	$ 853
Judson Pacific Company, San Francisco $925 (tax included)	
Palm Iron Works, Sacramento	975
Schrader Iron Works, San Francisc	990
Consolidated Steel Corp., Los Angeles	997
Moore Drydock Co., San Francisco	1,105
Golden Gate Iron Works, San elsco	1,020

Preliminary Plans Awaiting Approval.

TOLL PLAZA Cost, $300,000
SAN FRANCISCO. Golden Gate Bridge.
Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter St. (J. B. Strauss, Chief Engineer).
Architect — Morrow & Morrow, de Young Bldg., San Francisco.
Preliminary plans are awaiting the approval of the Building Committee of the Golden Gate Bridge Co.

BIDS OPENED

WASHINGTON, D. C.—Following bids received by the U. S. Coast Guard, Washington, D. C., October 7, for furnishing cabin picket boats for delivery on the Pacific Coast:
Lake Union Drydock & Machine Co., Seattle: $7740 each for six boats.
Stevens Bros., Stockton: 3 boats, $7759 each; 4 boats, $7625 each; 5 boats, $7550 each; 6 boats, $7550 each.
Anderson & Cristofini, San Francisco: oil boat, $11,770 each for 3; $11,370 each for 6.
Astoria Marine Constr. Co., Astoria: 3 boats, $8000 each; 4 boats, $7900 each; 5 boats, $7775 each; 6 boats, $7600 each.
Ballard Marine Railway, Inc., Seattle: $10,433 each for 6 boats.
Bids held under advisement.

Bids Wanted—To Close October 30, 8 P. M.

NATATORIUM Cost, $75,000
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner—City of Hayward.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $25.
Bids are being taken as follows:
(1) Work Complete.
(2) Segregated general bid.
(3) Mechanical work.
(4) Electrical work.
(5) Equipment.
On previous bid opening low bids were submitted as follows:
General Work—Frank J. Reilly, 6350 Fulton St., San Francisco, $76,231.
Mechanical Work—Scott Company, 213 Minna St., San Francisco, $22,170.
Electrical Work—Spencer Electric Co., 2059 Webster St., Oakland, $2709.
Equipment—Trask & Squires, 39 Natoma St., San Francisco, $1642.70.

NOTICE OF SALE

SAN FRANCISCO—Notice is given that Joseph J. Phillips, Director of Property, City Hall, will sell at public auction the city owned building, located at 182 Divisadero St. Building will be sold to highest cash bidder on October 18, 9:30 A. M.
Purchaser shall remove improvements from the property within 30 days from date of sale.

SUB-Contracts Awarded

MAUSOLEUM Cost, $110,000
SAN PABLO, Contra Costa Co., Cal.
Reinforced concrete mausoleum (638 crypts) marble and bronze interior.
Owner — Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Engineer—L. H. Niahkian, 525 Market St., San Francisco.
Contractor—D. Paganini, 519 California St., San Francisco.
Rein. Steel—W. C. Hauck & Co., 280 San Bruno Ave., San Francisco.
Lumber—San Pablo Lumber Co., San Pablo.
As previously reported, plastering awarded to Herman Boach, 2075 Folsom St., San Francisco; marble to Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.

Contract Awarded.

MAUSOLEUM Cost, $—
SACRAMENTO, Sacramento Co., Cal. Stockton Boulevard.
Reinforced concrete mausoleum (to contain 900 crypts) Cordova tile roof, etc.
Owner—Ray Johnson.
Architect—Not Given.
Contractor—Charles S. Mabrey, 2123 36th St., Sacramento.

BOND ELECTION

SUSANVILLE, Lassen County. — City Council has set November 1 as the date of an election to vote bonds in the amount of $66,000 to finance construction of a new electric light and power distribution system in Susanville.
H. S. Riddel, city clerk.

BIDS REJECTED

PALO ALTO, Santa Clara Co., Cal. —City Council rejected bids received for extending the steam heating system and installing unit ventilator in the Children's room of the Public Library, Palo Alto. Lowest bid was submitted by H. P. Hansn, Palo Alto at $820.
Whether new bids will be asked or not is not determined at this time.

Plans Completed

LIVESTOCK BLDG. $699,000 1st unit
SAN MATEO COUNTY, Cal. Visitacion Valley, South McLaren Park (54-acre tract).
One-story reinforced concrete livestock building (steel trusses) first unit consists of main horse show stalls to accommodate animals, etc.
Owner—San Francisco-San Mateo Agricultural District.
Architect — W. D. Peugh, 333 Montgomery St., San Francisco.
The total cost of the proposed building is $1,500,000. The second unit will consist of grandstand to seat 15,000, etc.
Plans forwarded to State Division of Architecture, Sacramento, for ap-

proval and will be submitted to the PWA for approval on October 25.

Plans Being Figured—Bids Close Oct. 28th

MORTUARY Cost, $——
MODESTO, Stanislaus Co., Cal., Sixteenth and I Streets.
Two-story and basement wood frame, concrete and tile mortuary (sixteen rooms).
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.

Work involves: Concrete and cement, steel sash, glass and glazing, tile work, Onyxite, plastering, painting, roofing, structural steel (st. frame and steel trusses) sheet metal and floor covering (cork).

Following is a partial list of the general contractors:

C. D. Meissner, 1730 Francis Ave., Modesto.

Harold Tennyson, 125 Poplar Ave., Modesto.

Harry Brown, Laurel St., Modesto.

Ernest Green, Sycamore Ave., Modesto.

A set of plans and specifications on file at the Builders' Exchange in San Francisco and Oakland. Appointments may be made with the architect by phoning Humboldt 1875.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until October 28, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for construction of a reinforced concrete stair way to the existing pedestrian overhead, in the City of Santa Monica on the Palisades Beach Road, about 0.5 mile northwest of Colorado Avenue.

The work involves:

(1) 6 cu. yds. concrete removed and disposed of;
(2) 1100 cu. yds. structure excav.;
(3) 2 tons mineral aggregate in place (plant-mixed surfacing);
(4) 0.2 ton liquid asphalt, MC-5 or MC-extra heavy, in place (plant-mixed surfacing);
(5) 210 cu. yds. Class A Portland cement concrete in place;
(6) 25,000 lbs. bar reinforcing steel in place;
(7) 140 lbs. miscellaneous iron and steel in place;
(8) 34 lin. ft. 6-in. cast iron pipe in place;
(9) 12 lin. ft. 4-in. do;
(10) 230 lin. ft. pipe handrail in place;
(11) 300 lin. ft. lighting conduit in place;
(12) 1 only, 6-in x 6-in. junction box in place;
(13) 1 lot miscellaneous items of work

Plans and specifications obtainable from the above office.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

HAMILTON FIELD—Following bids received by the Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-14, for furnishing materials, f.o.b. Hamilton Field, as follows:

(1) 4020 bbls. Portland cement in cloth bags; (a) f.o.b. cars at mill; (b) f.o.b. cars at Hamilton Field.
(2) 1845 tons fine aggregate sand; (a) f.o.b. cars; (b) f.o.b. trucks.
(3) 3100 tons crushed stone or gravel, coarse aggregate; (a) f.o.b. cars; (b) f.o.b. trucks.

Camgros Gravel & Fuel Co., Inc.: (2a) $1.05; (2b) $1.30; (3b) $1.70.

Hutchinson Co., Oakland: (3a) $1.50; (3b) $1.27

Basalt Rock Co., Napa: (2a) $1.20; (3a) $1.20.

Hein Bros. Basalt Rock Co., Petaluma: (2a) $1.15; (2b) $1.45; (3a) $1.35; (3b) $1.40.

Following firms submitted identical bids at $2.68 f.o.b. mill for Portland cement: Calaveras Cement Co.; Monolith Portland Cement Co.; Santa Cruz Portland Cement Co.; Henry Cowell Lime & Cement Co.; Pacific Portland Cement Co., and the Yosemite Portland Cement Co.

CONTRACTS AWARDED

BOULDER CITY, Nevada.—Relince Steel Products Co., Rankin, Pa., at $26,460, for supports and gr[illegible] and the Crane O'Fallon Co., Denver, Colo., at $3427.15, for handrails, awarded contracts by the Bureau of Reclamation, Denver, under Specification No. 640, for furnishing structural steel supports, gratings, and handrailings for the walkways, stairs and ladders to be installed in the upper Arizona and upper Nevada tunnels at the Boulder Dam, Boulder Canyon.

CORRECTION

HAMILTON FIELD, Cal.—Identical bids at $2.68 f.o.b. Hamilton Field, were received by the Constructing Quartermaster, Fort Mason, October 14, under Bid No. W. 6616-36-14, for furnishing 4020 bbls. of Portland cement in cloth bags.

The bidders were:

Calaveras Cement Co.; Monolith Portland Cement Co.; Santa Cruz Portland Cement Co.; Henry Cowell Lime & Cement Co.; Pacific Portland Cement Co., and the Yosemite Portland Cement Co.

It was previously reported incorrectly that the bid was $2.68 f.o.b. mill.

*

CONTRACTS AWARDED

BOULDER CITY, Nevada.—General Cable Corp., Chicago, at $79,044.79, awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. 687-D, Schedules 1 to 4, inclusive, for furnishing insulated wire and cable for installation in the Boulder Power Plant, Boulder Canyon project.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, at $129.76 awarded contract for Schedule 5.

CONTRACTS AWARDED

BENTON FIELD, Alameda County—Soule Steele Co., 1750 Army St., S. F., at $0.0172 per sq. ft. for wire mesh reinforcement, and N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $6.35 per c.y. for ready mixed concrete, awarded contracts by the Constructing Quartermaster, Fort Mason, under Bid No. 6616-36-16, for furnishing:

(1) 33,510 sq. ft wire mesh reinforcement, 6-in.x6-in.xNo. 6 wire, 6 ft. wide, welded, plain, 42 lbs. per 100 sq. ft. (5585 lin. ft.).
(2) 10,395 sq. ft. do, 7-ft. wide (1485 lin. ft.)
(3) 5040 sq. ft. do, 8-ft. wide (630 lin. ft.)
(4) 55,170 sq. ft. do, 9-ft. wire (6130 lin. ft.)
(5) 2000 cu. yds. ready mixed concrete. For delivery at Benton Field Air Depot, Alameda.

All bids received for wire mesh reinforcement were identical at $0.0172 per sq. ft. The bidders were: W. S. Wetenhall Co.; Soule Steel Col; Pacific Coast Steel Col; Baker, Hamilton & Pacific Co.; Wickwire Spencer Co.; Dunham, Carrigan & Hayden; Pittsburg Steel Co.; Consolidated Engineering Co.; Standard Fence Co.; Western Steel & Wire Works; Truscon Steel Co.; Columbia Steel Co.; W. C. Hauck Co.; Gunn-Carle & Co.; Transit Concrete Co.; California Wire Cloth Co.; Johns-Manville Sales Corp.; Anchor Post Fence Corp.; Pacific Coast Fence Co.; and Herrick Iron Works.

The bids on ready mixed concrete were:

N. M. Balls Sons Co., $6.35.

Rhodes & Kennedy, $6.57.

Melrose Building Materials Co., $6.58.

Transit Concrete Co., $6.58

CASSIDY AND GRATTA
GENERAL WELDING
Specializing in Contract Work
884 Folsom St., San Francisco - Phone DOuglas 8452

1-10 HP Kane Gas Fired Boiler
1-15 HP Kane Gas Fired Boiler
1-5800 gal. Vertical Steel Storage Tank
10′ dia x 10′ high 3/8″ plate
OCEAN SHORE IRON WORKS
MArket 0462 550 EIGHTH ST. SAN FRANCISCO

New Amsterdam Casualty Company
COMPENSATION - GENERAL LIABILITY - PLATE GLASS
ACCIDENT AND HEALTH - FIDELITY AND SURETY
BURGLARY - AUTOMOBILE INSURANCE
Branch Office Pacific Coast Department
Walter W. Derr, Resident Vice-President and Manager
Montgomery Street - San Francisco

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

EAST BAY UTILITY DIST.

OAKLAND—Until October 23, 8 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, secretary, 512 16th St., Oakland, under Informal Proposal No. 691, for furnishing 4000 bbls., more or less, of high early strength Portland cement.

Delivery as ordered at Harrison St. spur of Southern Pacific Railroad, in Berkeley.

Specifications obtainable from the above office.

OAKLAND—Until October 23, 8 p. m., bids will be received by the East Bay Municipal Utility District, John H. Kimball, secretary, 512 16th St., Oakland, under Informal Proposal No. 692, for furnishing:

(1) 1,900 tons, more or less, of river sand;

(2) 2200 tons, more or less, of river gravel.

Delivery during the period ending June 1, 1936, at Corporation Yards, 6th and Harrison St., Berkeley.

Specifications obtainable from the above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until November 12, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-86, for furnishing 1,000 ash and garbage cans, corrugated, complete with covers.

Specifications obtainable from the above office

FORT MASON, Cal.—Until October 26, 10 a.m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-87, for furnishing approximately 29,000 lbs. of 3-strand Manila rope, 100 lbs. of No. 1 Manila hemp, 3 ply, rope baling, and 400 lbs. cotton rope.

Specifications obtainable from the above office.

HAMILTON FIELD, Marin County, Cal.—Until October 25, 10 a.m., bids will be received by Captain Leander Larson, Constructing Quartermaster, Fort Mason, under Bid No. W-6616-36-15, for furnishing the following equipment for delivery at Hamilton Field.

(1) 2 drainage pump units with direct connected motors, 5,000 g.p.m.

(2) 3 distribution transformers.

(3) 7 200 l.f. Parkway cable.

(4) Miscellaneous equipment, including motor starters, float switches, switch assembly, dry transformer, disconnecting switches, oil circuit breaker, watthour meter, split joint boxes, etc.

Specifications obtainable from the above office.

REDDING—Until October 21, 10 a.m. bids will be received by Lieutenant T. L. Ricks, Purchasing and Contracting Officer, Redding District CCC under Bid No. CCC 5910 36-26, for furnishing construction materials for CCC warehouse and offices, including:

(1) Lumber
(2) Millwork
(3) Hardware
(4) Roofing
(5) Fire board and veneer board
(6) Plumbing
(7) Electric materials
(8) Cement
(9) Sand and gravel

Delivery f. o. b. campsite; alternate bids will be received for cement f.o.b. bidder's plant.

Specifications obtainable from the above office, and on file at the offices of the Daily Pacific Builder.

FORT MASON—Until October 22 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-85, for furnishing 3350 feet water pipe, cast iron, bell and spigot, Class 150 for 150 lbs. maximum water working pressure.

The pipe is for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from the above office.

FORT MASON—Until October 21, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-84, for furnishing 104 rolls of 3-ply mineral surfaced roofing paper, and for 21,080 feet b. m. No. 1 Common Douglas Fir lumber.

Specifications obtainable from the above office.

FORT MASON—Until October 25, 10 a. m. bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-92, for furnishing 406,000 ft. b.m. Douglas Fir Lumber, f.o.b. Fort Mason and/or bidder's shipping point. The lumber is intended for Fort Davis and Corozal, C. Z.

Specifications obtainable from the above office.

RECLAMATION BUREAU

IDAHO AND WYOMING — Until October 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 732-D, for furnishing and delivering f.o.b. cars at the shipping point or f. o.b. cars at Ashton, Idaho, and Parco, Wyoming, two vertical, hydraulic, self-indicating, 200,000 lb. capacity, compression-type testing machines for field laboratory use. Both machines will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

U. S. FOREST SERVICE

GOVERNMENT ISLAND—Bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

October 21, 2 p. m.: Bid No. 2954: f.o.b. Yreka, 160 bbls. Portland cement in paper sacks (94 lbs. each.

October 22, 2 p. m.: Bid No. 2953, f.o.b. bidder's shipping point and/or Milwaukee, Wis.: 167 doz. 4-quart canteens. Bid No. 2952, f.o.b. Portland, ocean or ocean-rail: 126 miles No. 9 BWG galvanized iron telephone wire.

Specifications obtainable from the above office.

GOVERNMENT ISLAND—Until October 22, 2 p. m., bids will be received by H. R. March, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland under Bid No. 2953, for furnishing 25 coils of Manila rope and one coil of sisal rope.

Delivery f.o.b. bidder's shipping point and/or Government Island

Specifications obtainable from the above office.

CALIFORNIA STATE

SAN FRANCISCO—Until Oct. 29, 3 P. M., bids will be received by J. W. Grace, Superintendent of Equipment, Shop 4, Division of Highways, State Bldg., San Francisco, for the sale of the following equipment:

CHC 3672 Truck, Studebaker, Model S-20, 1931.

CHC 163 Grader-Tractor Unit, McCormick - Deering Tractor and Austin 10' Dual Tired, Dual Grader with Scarifier attached.

CHC 212 Trailer, Shop-Made; 6½-Ton, Flat Rack, 4-wheel, Soild Tired.

The above equipment may be inspected at the Division of Highways' Yard at 1045 Derby Ave., Fruitvale, Oakland, Calif., on any working day between the hours of 8:30 A. M. and 4:30 P. M.

CANAL ZONE

PANAMA CANAL ZONE—Until October 28, 10:30 a. m., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3097, for furnishing miscellaneous supplies and equipment, for the building construction program at Gamboa, C. Z., including structural steel, swing type steel doors, and electric overhead traveling crane.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

BREMERTON, Wash.—Until October 21, 10 a. m., bids will be received by the Supply Officer, Puget Sound Navy Yard, Bremerton, under Req. No. 190 NSA, for furnishing 60,000 ft. b. m. of Douglas Fir flooring lumber, tongued and grooved, and 50,000 ft. b. m. Douglas Fir finish lumber, rough.

The lumber is for shipment to the Navy Yard, Cavite, P. I.

Specifications obtainable from the above office.

MARE ISLAND—Bids are being received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 7983, for two 3-ton revolving gantry type cranes operated by diesel engines at the Navy Yard, Mare Island.

Specifications obtainable from the above office upon deposit of $10

MARE ISLAND.—Until October 23, 11 a. m., bids will be received by the Public Works Officer, Mare Island Navy Yard, under Spec. 8103, for replacing the field retaining rings on a 2000 K W. Elliott turbo generator, Serial No. 796, in the General Power Plant, Mare Island Navy Yard.

Specifications obtainable from the above office upon deposit of $5.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTEMPLATED

CORONADO, San Diego Co., Calif.—The application of the City of Coronado for approval of plans for construction of a double-lift bascule bridge across San Diego Bay from the City of Coronado to the City of San Diego will be considered at a public hearing to be held in the Auditorium of the Chamber of Commerce, Columbia St. and Broadway, San Diego, November 4, 10 a.m.

The bridge will consist of ten steel spans, varying in width from 289 feet to 310 feet, on concrete piers. The bascule span will have a clear structural width of 210 feet when open and from 42 to 58 feet clear height above mean low water when closed. There will be trestle approaches of 1906 feet and 1091 feet at the southerly and northerly ends respectively.

Major Theodore Wyman, Jr., District Engineer, U. S. Engineer Office, 751 S. Figueroa St., Los Angeles

CONTRACT AWARDED

EL DORADO COUNTY, Cal.—James P. Morton, Placerville, at (1) $1,030 and (2) $1,367 submitted low bids and awarded contracts by the El Dorado County Board of Supervisors, Arthur J. Koletzke, Clerk, Placerville, for the construction of two reinforced concrete bridges, (1) one across Slate Creek at Cumming's Station in Road Dist. No. 3, and (2) one across Eau Claire Creek at Fallen Leaf Post Office in Road District No. 5.

Complete bids follow:

James P. Morton, Placerville — (1) $1,030; (2) $1,367;
Hector Williamson, Placerville — (1) $1,169; (2) $1,456;
Carl R. Fielder, Sacramento — (1) $1,255; (2) $1,500.

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $359,932 awarded contract by the State Highway Commission, Sacramento, for constructing an undergrade crossing of Peralta St., Adeline St., and San Pablo Ave. in the cities of Oakland and Emeryville, consisting of reinforced concrete rigid frame underpass structures and retaining wall approaches and paved street connections.

CONTRACT AWARDED

SONOMA COUNTY, Cal.—Kenneth Whited, 912 Benton St., Santa Rosa, at $5614.51 awarded contract by the Sonoma County Board of Supervisors for constructing a bridge over Sonoma Creek at Boyes Springs in the First Supervisorial District.

BIDS WANTED

KERN COUNTY, Cal.—Until Oct. 21, 11 A. M., bids will be received by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Court House, Bakersfield, for constructing a timber bridge over Pioneer Canal on County Road No. 696.

All bids received for opening Oct. 7 were returned unopened due to insufficient publication of the notice to contractors.

The work involves:

(1) Construction and removal of detour;
(2) Removal of existing bridge;
(3) Excavation;
(4) Embankment;
(5) 13,116 MFBM Douglas fir timber in place;
(6) 22,936 MFBM Redwood timber, in place;
(7) 2 fire barrels, in place.

Plans and specifications on file with the County Clerk and may be obtained from the County Surveyor.

CONTRACT AWARDED

SONOMA COUNTY, Cal. — A. T. Howe, 111 Stanford St., Santa Rosa, at $4316 awarded contract by the Sonoma County Board of Supervisors for constructing a steel bridge over Santa Rosa Creek at University Ave. in Supervisorial District No. 3.

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon—Joplin & Eldon, 3101 N. Columbia Blvd., Portland, at $87,415, submitted low bid, as previously reported, and awarded contract by the Oregon State Highway Commission, Portland, October 9, for constructing superstructure for Eagle Creek Bridge on the Columbia River Highway near Bonneville.

Total bids follow:

Joplin & Eldon, Portland	$87,415
Pacific Car & Foundry Co., Seattle	89,248
Orino, Berkemeier & Saramel, Bonneville	89,765
Tom Lillebo, Reedsport	90,101
Malcolm & Bell, Portland	91,918
McRae Bros., Seattle	96,644
Kuckenberg-Wittman Co., Portland	97,387
Wisconsin Br. & Iron Co., Milwaukee, Wis.	99,827

CONTRACT AWARDED

CROOK AND DESCHUTES COUNTIES, Oregon.—Tom Lillebo, Reedsport, at $28,029, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, October 8, for construction of 12 concrete bridges or culverts on the Redmond-Bend Section of The Dalles-California Highway.

Total bids follow:

Tom Lillebo, Reedsport	$28,029
J. F. Johnson, Newberg	28,540
Dunn & Baker, Klamath Falls	30,924
Averill & Corbin, Portland	31,434
E. F. & W. F. Philpot, Ptland	33,574
Johnston, Hansen & Johnston, Birkenfeld	35,113
Barham Bros., Salem	39,362

CONTRACT AWARDED

MALHEUR COUNTY, Oregon.—R. F. Nichol, Vale, at $11078, submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, October 9, for construction of two bridges over China Creek and two culverts on the Juntura-Chimney Creek Section of the Central Oregon Highway.

Total bids follow:

R. F. Nichol, Vale, Ore.	$11,078
A. G. Plant Co., Ontario	11,301
J. F. Johnston, Newberg	12,441
John Gardner, Klam. Falls	12,592
Averill & Corbin, Portland	13,439

CONTRACT AWARDED

TILLAMOOK COUNTY, Oregon. — Dolan Construction Co., Tillamook, at $19,027, submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, October 8, for furnishing and installing approximately 3200 l. f. of pipe culverts and placing approximately 450 c. y. of Class D concrete and 54,000 lbs. metal reinforcement in concrete box culverts on the Brooks-Jordan Creek Section of Wilson River Highway.

Total bids follow:

Dolan Const. Co., Tillamook	$19,027
Chas. H. Leonard, Albany	20,500
E. F. & W. F. Philpot, Port.	21,963
Schmitt Con. Co., Portland	22,478
Sig Ash., Portland	22,510
P. L. Crooks & Co., Portland	23,915
J. F. Johnston, Portland	24,984

BIDS WANTED

ALAMEDA COUNTY—Until November 3, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Co. near El Cerrito Hill in the City of Albany, consisting of reinforced concrete girder spans and steel girder spans with concrete deck, having a total length of approximately 1500 ft.

The work involves:

(1) 50 c. y. exist. conc. to be removed and disposed of
(2) 2200 cu. yds. struc. excav.
(3) 240 cu. yds. class A Portland cement conc. (footing blocks)
(4) 5600 cu. yds. class A Portland cement conc. (strucs.)
(5) 270 su. yds. class A Portland cement conc. (railing)
(6) 50 cu. yds. class A Portland cement conc. (sewer)
(7) 1,000,000 lbs. bar reinf. steel
(8) 965,000 lbs. structural steel
(9) 36,000 lbs. cast steel
(10) 624 lbs. bronze expansion plates
(11) 1400 l. f. furnishing 14 in. reinforced concrete piles, including test piles.
(12) 8400 l. f. furnishing 16 in. do
(13) 355 each driving reinforced concrete piles, including test piles
(14) 1 lot miscellaneous items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499 Sacramento, and on file at the office of

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until November 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Company at Salinas, Monterey County. The work involves:

(1) 1500 cu. yds. exist. conc. to be removed;
(2) 50 M gals. water;
(3) 42,000 cu. yds. roadway excav.;
(4) 2000 cu. yds. struc. excav.;
(5) 12,000 sq. yds. subgrade for pave.
(6) 320 tons crusher run base;
(7) 160 tons mineral aggregate (plant mixed surfacing);
(8) 8 tons liquid asphalt SC-2 (plant mixed surfacing);
(9) 2 tons liquid asphalt SC-2 (prime coat);
(10) 11 cu. yds. stone screenings (seal coat);
(11) 1 ton liquid asphalt MC-3 (seal coat);
(12) 1450 tons asphalt concrete;
(13) 1350 cu. yds. Class A Portland cement concrete (pavement);
(14) 120 cu. yds. Class A Portland cement conc. (curbs and gutters);
(15) 130 cu. yds. Class A Portland cement conc. (sidewalk);
(16) 390 cu. yds. Class A Portland cement concrete (sub-floor);
(17) 3850 cu. yds. Class A Portland cement concrete (thick floor);
(18) 2250 cu. yds. Class A Portland cement concrete (structures);
(19) 118 cu. yds. Class F Portland cement concrete (railing);
(20) 3100 each pavement dowels;
(21) 155,000 lbs. bar reinf. steel;
(22) 3600 lbs. cast steel catchbasin covers and frames;
(23) 4800 lin. ft. furnishing treated Douglas fir piles, including test piles;
(24) 160 each driving treated Douglas fir piles, including test piles;
(25) 266 lin. ft. 8-in. CMP;
(26) 509 lin. ft. 12-in. CMP;
(27) 260 lin. ft. 15-in. CMP;
(28) 84 lin. ft. 18-in. CMP;
(29) 129 lin. ft. 6-in. vitrified clay pipe;
(30) 4 each 4-in. wyes on 6-in. vitrified clay pipe;
(31) 1 each 6-in. tee on 6-in. vitrified clay pipe;
(32) 936 lin. ft. 8-in. vitrified clay pipe
(33) 20 each 6-in. wyes on 8-in. vitrified clay pipe;
(34) 1 each 6-in tee on 8-in. vit. clay pipe;
(35) 400 lin. ft. 10-in. vit. clay pipe;
(36) 60 lin. ft. 4-in. cast iron bell and spigot pipe;
(37) 150 lin. ft. 8-in. cast iron bell and spigot pipe;
(38) 260 lin. ft. 10-in. cast iron bell and spigot pipe;
(39) 1465 lin. ft. 12-in. cast iron bell and spigot pipe;
(40) 700 lin. ft. ¾-in. galvanized iron pipe;
(41) 740 lin. ft. 1-in. galvanized iron pipe;
(42) 6 each conc. manholes;
(43) 5800 sq. yds. membrane waterproofing;
(44) 5800 lbs. copper strips;
(45) 700 cu. yds. top soil;
(46) 17 each trees platanus racemosa;
(47) 35 each shrubs pyracantha yunnanensis;
(48) 65 each vines bignonia tweedlana
(49) 4000 sq. yds. lawn;
(50) 255 each springler heads;
(51) 1 lot electric lighting equipment;
(52) 1 lot pumping equipment;
(53) 675,000 lbs. fabricated structural steel;
(54) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

Contract Awarded.

GOVERNMENT ISLAND, Cal. — Golden Gate Iron Works, 1541 Howard St., San Francisco, at $2175 awarded contract by Forest Service Supply Depot, Government Island, for furnishing one structural steel stiffening truss, including all steel bolts for field connections, etc., for the Somes Bar Bridge, located approximately 100 miles northeast of Eureka. Complete bids follow:

Golden Gate Iron Works, San Francisco, $2175.
Judson Pacific Company, San Francisco, $2193.
Herrick Iron Works, Oakland, $2274.
Schrader Iron Works, San Francisco, $2398.
Pacific Coast Steel Co., San Francisco, $2425.
Moore Drydock Co., Oakland, $2598.
Minneapolis Steel & Machinery Co., $2600; del. Eureka, $3037.
Eureka Boiler Works, San Francisco, $2730.
Independent Iron Works, San Francisco, $3220.

21

BIDS OPENED

GOVERNMENT ISLAND, Cal.—Following bids received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 2947, for furnishing one 50-ft. structural steel skew span, including all steel, bolths for field connections, etc., for the Red Bridge, located approximately 2 miles north of Fout Springs:

Golden Gate Iron Works	$845
Judson Pacific Co.	897
Western Iron Works	980
Moore Dry Dock Co.	976
Eureka Boiler Works	975
Pacific Coast Steel Co.	850
Schrader Iron Works	950

Bids held under advisement.

CONTRACT AWARDED

REDDING, Cal.—Herrick Iron Wks., 18th and Campbell Sts., Oakland, at $1290 submitted low bid on October 3 to H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, under Bid No. 2924, and awarded contract, for furnishing one 75-ft. structural steel through truss for delivery at Redding, Shasta County.

The other bids were:
Schrader Iron Works, $1380.
Judson Pacifis Co., $1386.
Pacific Coast Steel Corp., 1390.
Independent Iron Works, $1399.
Moore Dry Dock Co., $1594.

23—IRRIGATION PROJ.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal.—Delta Constr. Co., 30 S. San Joaquin St., Stockton, at $0.06 per cubic yard awarded contract by Ohm & Raab, Civil Engineers, 109 E. Weber Street, Stockton, for sloping about 6000 ft. of river levee located about 18 miles from Stockton, for Union Reclamation District Nos. 1 and 2.

Complete bids follow:

Delta Constr. Co., Stockton, $0.06 per cu. yd.
J. P. Immel, Ventura, $0.06 per cu. yd.
Delta Dredging Co., Pittsburg, $0.064.
Blasotti, Willard & Blasotti, Stockton, $0.0725 per cu. yd.
E. L. Lilly, Stockton, 0.09 per cu. yd.
D. C. Stowe, Stockton, $0.0925 per cu. yd.

BIDS WANTED

OWYHEE PROJECT, Oregon—Idaho—Until October 28, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 733-D, for the construction of earthwork and structures, North Canal Laterals, Dead Ox Flat Division, Owyhee Project, near Ontario and Vale, Oregon.

The work involves:

(1) 84,900 cu. yds. all classes of excavation for laterals;
(2) 1500 cu. yds. all classes of excavation for structures;
(3) 1000 sta. cu. yd. of overhaul,
(4) 3500 cu. yds. back fill;
(5) 220 cu. yds. concrete in structs.,
(6) 500 sq. yds. dry-rock paving;
(7) Placing 12,000 lbs. reinforcement bars;
(8) Laying 1235 lin. ft. of 15-in. to 36-in. diam. concrete pipe;
(9) Installing 5600 lbs. of gates, gate hoists and miscellaneous metal work;
(10) Erecting MFBM of timber in setructures.

Plans and specifications obtainable from the Bureau of Reclamation at Ontario, Oregon or Denver, Colorado, without charge to prospective bidders; to others, $2.50, not returnable.

BIDS OPENED

SAN JOAQUIN COUNTY, Cal. — Identical low bids at $0.14 per cu. yd. were submitted by J. C. Bolt, Stockton, and Claude C. Woodo, 1850 W. Edison St., Stockton, to the State Division of Water Resource, Edward Hyatt, State Engineer, State Office Bldg., Sacramento, for constructing three sections of levee on the right bank of the San Joaquin River in Reclamation District No. 2064, approximately 10 miles south of Manteca, San Joaquin County.

The work involves:

(1) 24,150 cu. yds. material to be placed in levee at Site "A";
(2) 11,200 cu. yds. material to be placed in levee at Site "B";
(3) 6400 cu. yds. material to be placed in levee at Site "C".

Complete bids follow:

J. C. Holt, Stockton, $0.14.
Claude C. Wood, Stockton, $0.14.
D. McDonald, Sacramento, $0.18.
R. L. Oakley, Los Angeles, $0.1899.
E. H. Ryder and George R. Patterson, Stockton, $0.21.
L. C. Karstedt, Watsonville, $0.23.
Bayshore Constr. Co., S. F., $0.25.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SACRAMENTO, Calif. — Following bids received by the State Bureau of Purchases, Sacramento, under Quotation No. 12795, for furnishing:

REQ. 19646: 2 bulldozers or trailbuilders to be used with "75" tractor, one fob Camp No. 30, Pulga; one fob Camp No. 28, Rich.

REQ. 19647: 2 scrapers to be used with "75" tractor; one fob Camp No. 30, Pulga; one fob Camp No. 28, Rich.

Davenport Mfg. Co., Los Angeles—Req. 19646: $1,266 each fob Pulga, $1,271 each fob Richmond.

Weaver-Rye Tractor Co., Sacramento—Req. 19646: $1,750 each; Req. 19647: $1,875 each.

Bodinson Mfg. Co., S. F.—Req. 19646: 1 bulldozer, $1,100, 1 trailbuilder, $1,200; Req. 19647: scraper with steel wheel, $2,000; with pneumatic wheels, $4,000; pump valve hydraulic equipment, $400.

R. G. LeTourneau, Inc., Stockton: Req. 19646: $1,218.90 each fob Pulga, $1,242.53 each fob Richmond. Req. 19647: $1,593.10 each fob Pulga, $1,619.47 each fob Richmond.

Sacramento Tractor & Equipment Co., Sacramento: Req. 19646, $2,840; Req. 19647, $2,680.
American Tractor Equipment Co., Oakland: Req. 19646, $2,840; Req. 19647, $2,680.
Kay-Brunner Steel Products, Inc., L. A.: Req. 19646: $1,652.06 fob Pulga, $1,659.20 fob Richmond; no bid on Req. 19647.

BIDS OPENED

FRESNO, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12301, Req. 1080, for furnishing one 4-wheel drive truck chassis; alternate bids for the chassis with enclosed cab; f.o.b. Fresno, Shop 6:
Coleman Motor Corp., Littleton, Colo.: Coleman E-53, $3790; add for dual rears, $195; add for Hercules NXC-3 engine, $90; add for SOD pans, $3; Alt., $4092.50.
Walter Motor Truck Corp., Ridgewood, Long Island: Walter FMD 4-5 ton, 110 h. p., $3950; Alt., $4200.
Four Wheel Drive Auto Co., S. F.: FWD CU6A, $3702.75; if 6 purchased (per Quotations 12276, 12299, 12301), $3352.75; alternate, FWD-CU6P, $3863.40; if 6 purchased, $3513.40; Bidder's Alternate, FWD SSUA, $3724.80; if 6 purchased, $3374.80; alternate, $3985.45; if 6 purchased, $3535.45.
Kleiber Motor Co., S. F.; Oshkosh C35, 4-5 ton, $4360 plus tax, 130.80; Alternate, C3S-W, 4-6 ton,$4660 plus tax, $139.80.
Western Traction Co., S. F.: Marmon-Herrington B50-4, $4676; if ordered separate from Quotation No. 12299, add $148.
White Motor Co., Sacramento: Indiana 18x4, $721.00; Alternate, $853.24.
Brown-Bevis Equipment Co., Los Angeles: Oshkosh C3S, $4819.65; if shipped with other two trucks, deduct $186.30; equipped with 10 speed, add $190; Alternate, $5108.60.

BIDS OPENED

REDDING, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12276, Req. 19952, for furnishing three 4-wheel drive trucks, chassis with enclosed cab; alternate bids for three 4-wheel drive truck chasis with enclosed cabs, equipped with air pressure brakes and no tire pumps to be furnished; f.o.b. Redding, Shop 2:
Coleman Motor Co., Littleton, Colo.: Coleman E 53, $11,370; add for dual rears, $585; add for Hercules engine WXC-3, $270; add for SOD pans, $9; Alternate, $12,277.50.
Walter Motor Truck Co., Ridgewood, Long Island: Walter FMD, $11,-850; Alternate, $12,600.
Four Wheel Drive Auto Co., S. F.: FWD CU6A, $10,658.25; if total of 6 are purchased (per Quotations 12276, 12299, 12301), $3352.75 each; Alternate, $10,540.20; if 6 purchased, 3513.40 each ;Bidder's alternate FWD-SSUA, $10,724.40; if 6 purchased, $3374.80 each; Alternate, $11 206.35; if 6 are purchased, $3535.45 each; Bidder's alternate: FWD CU6, $3741.75; if 6 purchased, $3541.75 each; Alternate, $3902.40; if 6 purchased, $3702.40; Alternate: FWD-SSUA, $3763.80; if 6 purchased, $3563.80; Alternate, $3924.46; if 6 purchased, $3724.45.
Kleiber Motor Co., S. F.,: Oshkosh C3S, 013,080 plus tax; add for two speed, $190; add for Hercules motor, 175; add for brakes on four wheels, $300; if only one ordered, price $4460 each; Alternate, Oshkosh C37, $13,980.
Western Traction Co., S. R.:Marmon Herrington B50-4, $14,028.

BIDS OPENED

SACRAMENTO, Calif. — Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12261, Req. 10864, for furnishing one 4-wheel drive truck chassis; alternate bids for one 4-wheel drive truck chassis, equipped with air pressure brakes and no tire pump; f. o. b. Sacramento, Headquarters Shop:
Coleman Motor Co., Littleton, Colo.: Coleman E52, Buda motor, $3226; add for dual rears, $175; add for Hercules WXC3, $90; all for SOD pans, $3; if shipped with others to Fresno then R. R. to Sacramento, deduct $132; if shipped to Redding, back to Sacramento, deduct $98; if shipped to either point and driven to Sacramento, deduct $191.
Walter Motor Truck Co., Ridgewood, Long Island: Walter FND, $3250; alternate, $3500.
Four Wheel Drive Auto Co., S. F.: FWD H-6, $2800; alternate, $3012.
Kleiber Motor Co., S. F.: Oshkosh, $3132 plus tax; deduct for 5 speed only, $56.
Western Traction Co., S. F.: Marmon-Herrington, B 30-4, $3320.92.

BIDS OPENED

FRESNO, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12299, Req. 1064, for furnishing two 4-wheel drive truck chassis; alternate bids for chassis with enclosed cabs; f.o.b. Fresno, Shop 6:
Coleman Motor Corp., Littleton, Colo.: Coleman E 53, $7580; add for dual rears, $390; add for Herculth WXC-3 engine, $90; add for SOD pans, $3; Alternate, $8185.
Walter Motor Truck Co., Ridgewood, Long Island: Walter FMD 4-5, 110 h. p., $7900; alternate, $8400.
Four Wheel Drive Auto Co., S. F.: FWD CU6A, $3652.75 each; if total of 6 purchased (per Quotations 12276, 12299, 12301), $3352.75; alternate, FWD CU6A, $3813.40; if 6 purchased, $3513.40; Bidder's alternate: FWD SSUA, $3674.80; if 6 purchased, $3374.80; alternate, 3935.45; if 6 purchased, $3535.45.
Kleiber Motor Co., S. F.: Oshkosh C3S, 4-5 ton, 08720, plus tax, $261.60; alternate, $9320 plus tax, $279.60.
Brown Bevis Equipment Co., Los Angeles: Oshkosh C3S, $4633.35 each, plus freight if only one ordered, $186.30; if 10 speed forward, add $190; Alternate, Oshkosh C3S, $4922.25.
Western Traction Co., S. F.: Marmon-Herrington, B50-4, $9352.40.
White Motor Co., Sacramento: Indiana 18x4, $9443.98; alternate, $9706.48.

BIDS OPENED

SAN FRANCISCO—Identical bids at $1225 f.o.b. Oakland, were received by P. C. Brown, Procurement Engineer, Forest Service, Phelan Bldg., under Contract No. 702, for furnishing 12 air compressor units, complete with air receivers, power take-offs, and controls.
The bidders were:
Davey Compressor Co., Kent, Ohio.
Rix Co., Inc., S. F.
Schramm, Inc., West Chester, Pa.
Sam Bates Co., Oakland.
Sullivan Machinery Co., . F.
Edward R. Bacon Co., S. F.
Bids held under advisement.

BIDS OPENED

FRESNO, Cal.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation 12302, Req. 1081, for furnishing one reversible snow plow for 4-ton, 4-wheel truck; f.o.b. Fresno, Shop 6:
Jenison Machinery Co., W. M. Bros Model 94, $236.50; Bros. Model 140, $429; delivery in 35 days.
A. L. Young Machinery Co.: Good Roads Model 30 B., $304.75 via rail, 21 days; $277.50 via water, 37 days; Good Roads Model 10 F, $366 via rail, 32 days; $334.65 via water, 48 days.
Western Traction Co., Frink 30 R5B., $557.23; delivery in 28 days 5% 20 days discount.
Sacramento Tractor & Equipment Co.: Baker Model 164, $399.40 or $420.50 underframe, plus tax; 20 days delivery discount, 2% 30 days.
J. D. Adams Co.: Western Special No. 105, $435; 35 days delivery; 2% 30 days.
Edward R. Bacon Co.: American Model LS: front axle hitch, $304.80; frame hitch, $332.25; delivery in 30-45 days; 2% 10 days; deduct $1 per cwt for orders of 24,000 lbs. or more.

BIDS OPENED

SAN FRANCISCOD—Following bids received by P. C. Brown, Procurement Engineer, Forest Service, Phelan Bldg., San Francisco, under Contract No. 705, for furnishing 9 heavy duty, power-controlled rippers of the three-tooth, wheel-supported type, complete with power take-off and double drum hoist controls, ready for attachment and operation:
Edward R. Bacon Co., San Francisco, $1747.50 f.o.b. Oakland; $1697 f.o.b. Los Angeles; 5% 20 days.
R. G. LeTourneau, Stockton, $1375 f.o.b. Oakland; $1360 f.o.b. Stockton; 2% 20 days.
American Tractor Equipment Co., Oakland, $1818.75 f.o.b. Oakland; 5% 10 days.
Bodinson Mfg. Co., Oakland, $2100 f.o.b. Oakland; 5% 10 days.
Bids held under advisement.

BIDS OPENED

SAN BERNARDINO, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation 12312, Req. 1962, for furnishing one I-way mouldboard, speed type snow plow; f.o.b. San Bernardino, Shop 8.
Jenison Machinery Co.: Bros. Model 94, $236.50; delivery in 35 days.
J. D. Adams Co.: Wisconsin Special Model 87, $296; 35 days delivery; 2% 30 days.
A. L. Young Machinery Co.: Good Roads Model 40F, $304.75; via rail, 20 days; $277.50 via water, 37 days; add $21.75 for screw adjustable shoes; add $23.35 for outside spring loaded push bar; add $38.85 for landside attachment; add $15.10 for hinged snow shield; price axle clamp, $258.05 via rail; $231.45 via water.
Sacramento Tractor & Equipment Co.: Baker Model 87: $312.60 plus tax; delivery 20 days; 2% 30 days.
Spears Wells Machinery Co.: Sargent 076, $383 plus tax; delivery, 21 days; $13, 10 days.
Western Traction Co.:Frink 205 B, $383.16; delivery 28 days; 5% 20 days.
Edward R. Bacon Co.: American F, front axle hitch, $329.90; frame hitch, $357; American Model RS, front axle hitch, $320; frame hitch, 347.25; delivery, 30-45 days; discount, 2% 10 days; deduct $1 per cwt. for orders over 24,000 lbs.

26—— RAILROADS

BIDS OPENED

STOCKTON, San Joaquin Co., Cal.—Biasotti-Willard & Biasotti, 40 W. Clay St., Stockton, at $7939.29 submitted low bid to the Stockton Port Dist., Deep Draft Docks Stockton, for construction of an extension to the Public Belt Railroad system for the Stockton Port District.
Complete bids follow:

Biasotti-Willard & Biasotti, Stockton, $7939.29.
A. D. Schrader, San Francsico, $8,075.
Eddy Electric Co., Stockton, $8288.
Bids held under advisement.

29—STREETS AND HIGHWAYS

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Lamb'a Transfer Co., 828 Cowles St., Long Beach, at $1692 awarded contract by the State Highway Commission, Sacramento, for highway oiling in Riverside County, on Iowa Ave., between E. 8th St., near Riverside, and La Cadena Drive, about 3 miles in length, shoulders to be treated with liquid asphalt.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Paul R. Hughes, 1020 Loma Vista St., Long Beach, at $5,851 awarded contract by the State Highway Commission, Sacramento, for highway construction in Los Angeles County, between Mable St. and Atlantic Blvd., about 0.6 mile in length, Portland cement curb and gutter to be constructed and plant-mixed surfacing to be placed on shoulders adjacent thereto.

CONTRACT AWARDED

LASSEN COUNTY, Calif. — Isbell Constr. Co., Reno, Nev., at $14,275 awarded contract by the State Highway Commission, Sacramento, for 5.3 miles grading between Litchfield and 5.3 miles easterly, in Lassen County.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Lamb's Transfer Co., 828 Cowles Ave., Long Beach, at $1,168.70 awarded by the State Highway Commission, Sacramento, for highway oiling in San Bernardino County, between the east city limits of Redlands and Callmesa St., about 4.8 miles in length, shoulders to be treated with liquid asphalt.

CONTRACT AWARDED

SAN BERNARDINO, Cal. — Square Oil Co., 916 Adobe St., Los Angeles, at $1,224 awarded contract by the State Highway Commission, Sacramento, for highway oiling in San Bernardino County, between Klienefelter and easterly boundary, about 15 miles in length, liquid asphalt to be furnished and applied.

CONTRACT AWARDED

BENTON FIELD, Alameda Co.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $10,480, awarded contract by the Constructing Quartermaster, Fort Mason, for constructing concrete pavements at Benton Field, Alameda.
Complete bids published Sept. 27.

BIDS OPENED

DOUGLAS COUNTY, Oregon. — E. C. Hall, Eugene, at $160,059 submitted low bid to the Oregon State Highway Commission, Portland, October 9, for 1.58 miles grading, surfacing, and constructing a bituminous macadam wearing surface on the Gardiner-Reedsport Section of the Oregon Coast Highway.
Total bids follow:

E. C. Hall, Eugene	$160,059
Theo. Arenz and Oregon Construction Co., Portland	165,380
Jacobsen-Jensen Co., P'tl'd	165,454
Myers & Goulter, Seattle	173,440
F. C. Dillard, Medford	176,856
P. L. Crooks & Co., Portland	178,321
Malcolm & Bell, Portland	180 703
Guthrie-McDougal, Portland	182,795
Homer G. Johnson, Portland	196,568

Bids referred to State Highway Engineer R. H. Baldock for award.

SAN FRANCISCO—IRVING ST. IMPROVEMENT—STATE

SAN FRANCISCO—A. G. Raisch, 1 De Haro St., San Francisco, at $11,966.40 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,885, for the improvement of Irving St., between 7th Ave. and 18th Ave.

The work involves.
(1) 5,700 l.f. granite curb redressed and reset;
(2) 430 l.f. armored concrete curb resent;
(3) 100 l.f. armored concrete curb;
(4) 32 each catchbasins reset or reconstructed;
(5) 32 each concrete curb inlets;
(6) 11 each street signs relocated;
(7) 2 each school "slow" signs relocated;
(8) 1,850 sq.ft. remove existing asphalt concrete pavement, consisting of a 6 in. concrete base and an asphaltic concrete wearing surface, where directed;
(9) 190 tons remove and replace asphaltic concrete wearing surface, where directed;
(10) 700 sq.ft. 6 in. Class E concrete base;
(11) 18,[illegible] in [illegible] concrete pavement;
(12) 15 tons asphaltic [illegible] concrete conform pavement
(13) 14,000 sq.ft. one [illegible] concrete sidewalk;
(14) 100 each Type No. 1 galvanized sheet iron pedestrian cross walk markers, in place;
(15) 480 each cross walk markers removed and reset,
(16) 600 sq.ft. asphalt macadam sidewalk, consisting of a 4 in. rock macadam base and a 1½ in. asphaltic concrete wearing surface

Total bids follow:
(A) A. G. Raisch, $11,966.40.
(B) E. J. Trefcey, $12,309.80.
(C) Bayshore Constr. Co., $12,637 70
(D) Pacific Pavements Co., Ltd., $12,717.
(E) Chas. L. Harney, $12,917.50.
(F) M. J. Lynch, $12,976.20.
(G) Theo. Cohn, $13,497.90.
(H) Fay Improvement Co., $13,610.30.
(I) Eaton & Smith, $13,969.56.
(J) J. J. Gartland, $14,083.
(K) Pacific States Constr. Co., $14,478.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)....	$ .36	$ .40	$ .25	$ .40	$ .30	$ .38	$ .40	$ .50	$ .31	$ .45	$ .55
(2)....	.38	.20	.19	.40	.30	.25	.25	.50	.31	.50	.30
(3)....	.80	1.00	.75	1.00	.75	1.00	1.00	.70	.68	.75	.75
(4)....	38.00	25.00	40.00	35.00	30.00	49.00	55.00	48.00	37.50	70.00	45.00
(5)....	8.00	10.00	7.00	10.00	7.50	8.00	7.50	11.00	9.38	9.00	6.00
(6)....	1.00	4.00	1.50	5.00	5.00	2.00	5.00	5.50	6.25	5.00	4.00
(7)....	1.00	4.00	1.50	5.00	7.50	4.00	5.00	5.50	6.25	5.00	4.00
(8)....	.10	.07	.06	.12	.09	.07	.10	.10	.125	.12	.15
(9)....	5.00	6.00	6.00	6.00	9.00	8.00	5.80	7.57	6.88	6.00	7.50
(10)....	.17	.25	.20	.20	.16	.22	.25	.23	.155	.23	.20
(11)....	.27	.29	.335	.28	.31	.28	.30	.25	.36	.28	.26
(12)....	5.00	6.50	5.00	6.00	9.00	6.00	5.00	7.50	5.62	5.20	6.00
(13)....	.12	.115	.12	.12	.12	.11	.12	.13	.13	.12	.15
(14)....	.20	.20	.20	.20	.25	.12	.20	.22	.25	.22	.25
(15)....	.10	.06	.10	.15	.10	.04	.08	.10	.12	.10	.20
(16)....	.10	.08	.09	.10	.10	.08	.10	.09	.09	.08	.11

SOLANO COUNTY—3.8 MI. GRADE & PAVE—(STATE)

SOLANO COUNTY.—Union Paving Co., 624 Call Bldg., San Francisco, at $178,696.10 on Alt. "A" and N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $182,728.85 on Alt. "B," submitted low bids to the State Highway Commission, Sacramento, for about 3.8 miles grading and paving with asphalt concrete under Alt. "A", or with Portland cement concrete, under Alt. "B", in Solano County between 3.7 miles north of Fairfield and 0.6 miles south of Vacaville.

Bids were taken as follows:
(1) 149 stations clearing and grubbing right-of-way;
(2) 2200 M gals. water;
(3) 625 cu. yds. ditch excavation;
(4) 2425 cu. yds. struct. excav.;
(5) 201 stations finishing roadway;
(6) 565 cu. yds. salvaged surfacing base;
(7) 550 tons untreated crushed gravel or stone surfacing;
(8) 650 cu. yds. Class A Portland cement concrete structures;
(9) 7 cu. yds. Class F Portland cem. concrete railing;
(10) 63,000 lbs. bar reinf. steel structs.
(11) 732 lin. ft. furnishing steel piling.
(12) 28 each driving steel piles;
(13) 516 lbs. bronze expansion plates;
(14) 232 lin. ft. 8-in. CMP;
(15) 252 lin. ft. 30-in. CMP;
(16) 94 lin. ft. 66-in. CMP;
(17) 312 lin. ft. 18-in. CMP siphons;
(18) 248 lin. ft. 36-in. CMP siphons;
(19) 42 lin. ft. exist. CMP removed and cleaned and salvaged;
(20) 40 lin. ft. exist. CMP removed and cleaned and relaid;
(21) 300 lin. ft. 90-in. multiplate CMP;
(22) 15 each 18-in. conc. joints pipe siphons;
(23) 16 each 36-in. do;
(24) 112 lin. ft. laminated guard rail;
(25) 1.0 mile new property fence;
(26) 1.0 mile remove and reset property fences;
(27) 10 each drive gates;
(28) 1 only exist bridge removed and disposed of;
(29) 76 each monuments complete in place;

Alternative Items
Alternate A

(30) 96,700 cu. yds. rdwy. excav. without class;
(31) 43,000 cu. yds. imported borrow;
(32) 337,000 sta. yds. overhaul;
(33) 815 cu. yds. conc. removed and disposed of;
(34) 42,350 sq. yds. subgrade preparation;
(35) 502 tons liquid asphalt SC-2;
(36) 63,700 sq. yds. preparing, mixing and shaping shoulders, slopes, gutters and detours;
(37) 20 cu. yds. Class A Portland cem. concrete bridge approach slabs;
(38) 2200 lbs. bar reinf. steel bridge approach slabs;
(39) 18,840 tons asphalt concrete;
(40) 1164 lin. ft. 18-in. CMP;
(41) 68 lin. 24-in. CMP;
(42) 2 each headwalls removed and reset;
(43) 4350 sq. yds. asph. paint binder;

Alternative B

(44) 95,400 cu. yds. rdwy. excav. without class;
(45) 40,000 cu. yds. imported borrow;
(46) 244,000 station yds. overhaul;
(47) 785 cu. yds. conc. removed and disposed of;
(48) 44,150 sq. yds. subgrade preparation;
(49) 285 tons mineral aggregate plant mixed surfacing;

(50) 15 tons liquid asphalt MC-5 or MC-extra heavy plant mixed surfacing;
(51) 3 tons liquid asphalt MC-2 prime coat;
(52) 2 tons liquid asphalt MC-3 seal coat;
(53) 15 tons stone screenings seal coat;
(54) 508 tons liquid asphalt SC-2;
(55) 64,800 sq. yds. prepareing, mixing and shaping shoulders, slopes, gutters and detours:
(56) 8560 cu. yds. Class A Portland cement concrete pavement;
(57) 42,500 lbs. bar reinf. steel pave.;
(58) 12,000 each pavement dowels;
(59) 1158 lin. ft. 18-in. CMP;
(60) 84 lin. ft. 24-in. CMP;
(61) 4 each headwalls removed and reset;
(62) 6 each type "A-20" double traffic lane pavement crossing devices;
(63) 2 each type "A-20" single traffic lane pavement crossing devices.

NOTE—"Alternative "A" sets forth the necessary items for the construction of pavement with asphalt concrete "Alternative B" sets forth the necessary items for the construction of the pavement with Portland Cement concrete.

Total bids follow:

	Alt. "A"	Alt. "B"
(A) Union Paving Co., San Fran.	$178,696.10	$ . .
(B) N. M. Ball & Sons, Berkley	. .	182,728.35
(C) Hanrahan-Wilcox Corp. S. F.	184,918.90	. .
(D) Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, Oakland	191,152.54	209,988.24
(E) A. Teichert & Son, Inc. Sac.	194,199.15	204,430.35
(F) Peninsula Paving Co., S. F.	195,728.75	. .
(G) A. G. Raisch, San Francisco	204,989.90	. .

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$30.00	$15.00	$20.00	$27.50	$12.00	$10.00	$10.00
(2)	.40	.75	.75	1.25	1.50	1.10	.75
(3)	.50	1.00	.60	.62	.75	.50	.80
(4)	1.00	1.00	1.00	1.25	.80	1.00	1.00
(5)	10.00	5.00	7.00	10.00	4.00	5.00	5.00
(6)	.60	.60	.50	.81	.80	1.00	1.00
(7)	2.50	2.00	2.40	2.00	2.20	2.50	2.25
(8)	16.00	15.50	20.00	17.75	19.00	19.00	22.00
(9)	60.00	45.00	55.00	50.00	75.00	45.00	50.00
(10)	.04	.04	05	.05	.05	.04	.044
(11)	2.00	1.40	1.80	1.62	1.80	1.50	2.00
(12)	15.00	20.00	40.00	18.75	30.00	20.00	30.00
(13)	.40	.30	30	.38	.35	.30	.60
(14)	1.30	.90	90	.95	1.00	.90	1.00
(15)	4.50	2.85	3.20	3.00	3.00	3.00	4.00
(16)	16.00	12.75	15.50	13.00	12.50	12.50	15.00
(17)	3.50	2.50	2.10	2.25	2.10	2.00	3.00
(18)	8.00	6.00	5.70	6.25	5.50	5.50	6.25
(19)	.80	1.00	40	.56	.50	.50	.50
(20)	1.00	1.00	.60	.70	.75	1.00	1.00
(21)	24.00	13.00	16.00	15.45	15.00	15.00	20.00
(22)	15.00	7.50	11.00	10.95	10.00	9.00	10.00
(23)	20.00	10.00	22.00	16.55	18.00	18.00	15.00
(24)	1.50	1.00	1.00	.95	1.25	1.00	1.00
(25)	400.00	450.00	450.00	375.00	500.00	380.00	700.00
(26)	250.00	400.00	250.00	220.00	500.00	300.00	400.00
(27)	15.00	19.00	20.00	18.75	20.00	20.00	15.00
(28)	1500.00	800.00	1200.00	1000.00	1000.00	600.00	300.00
(29)	3.00	3.00	2.70	3.00	3.00	3.00	3.00
Sub total	43772.10	34856.60	41882.90	42587.19	——	37522.10	43385.10
(30)	.24	——	.32	.32	.30	.33	.35
(31)	.56	——	.50	.60	.50	.65	.68
(32)	.01	——	.0¾	.0½	.01	.01	.03
(33)	5.00	——	1.00	1.25	3.00	1.25	7.00
(34)	.10	——	.10	.10	.08	.09	.08
(35)	12.50	——	13.00	13.00	12.00	12.50	12.00
(36)	.06	——	04	.05	.055	.05	.08
(37)	15.00	——	12.00	16.00	14.00	12.00	10.00
(38)	.06	——	05	.05	.10	.05	.041
(39)	3.30	——	3.79	3.84	4.36	4.15	4.00
(40)	2.50	——	1.60	1.80	1.65	1.60	2.00
(41)	3.50	——	2.50	2.85	2.50	2.50	3.00
(42)	10.00	——	12.00	10.00	15.00	15.00	10.00
(43)	.02	——	.03	.02	.03	.02	.02

	(B)	(D)	(E)
(44)	$.285	$.32	$.30
(45)	.50	.60	.50
(46)	.0¾	.005	.01
(47)	1.75	1.25	3.00
(48)	.09	.10	.08
(49)	2.80	3.80	5.00
(50)	18.00	20.00	20.00
(51)	30.00	20.00	40.00
(52)	20.00	20.00	40.00
(53)	3.00	3.00	4.00
(54)	11.00	13.00	12.00
(55)	.04	.05	.055
(56)	8.65	9.60	9.75
(57)	.045	.05	.045
(58)	21	.35	26
(59)	1.75	1.80	1.65
(60)	2.50	2.85	2.50
(61)	10.00	10.00	15.00
(62)	50.00	60.00	200.00
(63)	30.00	30.00	150.00

CONTRACT AWARDED

PIMA COUNTY, Arizona—White & Miller, Tucson, at $43,182 awarded contract by the Arizona State Highway Commission, Pheonix, October 8, for highway construction on the Tucson-Nogales Highway.

The work, which begins about 1.2 mi. south of the south city limits of Tucson and extends southerly approximately 1.5 miles, consists of widening and resurfacing existing pavement, and is to be completed on or before February 29, 1936.

The principal items are:
2,000 cu. yds. roadway excavation;
350 cu. yds. roadway excavatian;
12,000 cu. yds. imported borrow;
21,000 cu. yds mi. imported borrow haul;
350 cu. yds. structure excavation;
27,500 lbs. reinf. steel;
3,400 lin. ft. combined curb & gutter;
4,000 tons plant mix;
200 tons cutback asphalt;
235 cu. yds. screenings;
40 cu. yds. remove old concrete;
16,300 lin. ft. formation and finishing shoulders.

Total bids follow:

White & Miller, Tucson	$43,182.04
Borderland Constr. Co., Tucson	45,689.92
Phoenix-Tempe Stone Co., Phoenix	46,353.52

CONTRACT AWARDED

DESCHUTES COUNTY, Oregon.—Johnston, Hansen & Johnston, Birkenfeld, Oregon, at $38,578 submitted low bid and awarded contract by the Oregon State Highway Commission, H. R. Baldock, State Highway Engineer, Portland, October 8, for 2.62 mi. of grading on the Redmond-Bend Section of The Dalles-California Highway, Units No. 1 and 5.

Total bids follow:

Johnston, Hansen & Johnston, Birkenfeld	$38,578
Parker-Schram Co., Portland	43,724
Schmitt Const. Co., Portland	44,199
Fisher Bros., Oregon City	44 201
Fred H. Slate, Multnomah	46,951
Itschner & Rigdon, Barlow	49,048
J. A. Lyons, Portland	52,432
G. I. Stebbins Const. Co., Klamath Falls	56,727
Newport Const. & Kern & Kibbe, Portland	67,074
Brent Sturgill Co., Cascade Locks	71,026

CONTRACT AWARDED

SAN FRANCISCO, Calif. — E. J. Treacy, 309 Call Bldg., San Francisco, at $448 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,888 for improvement of Lakiley St. slide between Roanoke and Mateo Sts.

CONTRACT AWARDED

JACKSON COUNTY, Oregon. — Berke Bros., 2815 S. E. Harrison, Portland, at $81,227, submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, October 9, for 0.88 mile grading on the North Unit, Torrent Creek-Wall Creek Section of the Pacific Highway.

Total bids follow:

Berke Bros., Portland	$81,227
Parker-Schram Co., Portland	84,386
Myers & Goulter, Seattle	87,620
E. C. Hall, Eugene	87,720
Kern & Kibbe, Portland	88,671
Malcolm & Bell, Portland	96,805
P. L. Crooks & Co., Portland	98,820
F. C. Dillard, Medford	99,105
McNutt Bros. Eugene	103,927
Guy F. Atkinson, Portland	109,620
Dunn & Baker, Klamath Falls	112,245
Morrison-Knudsen Co., Boise	113 654
Guthrie-McDougal, Portland	113,761
Kren & Greenough, Portland	113,890

BIDS REJECTED

WALLOWA COUNTY, Oregon.—All bids received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, October 8, for 4.28 mi. regrading, surfacing and oil mat surface treatment on the Rock Creek-Wilowa Lake Highway have been rejected and the project will be readvertised.

Total bids follow:

Hart Const. Co., La Grande	$62,057
Brent Sturgill Co., Cascade Locks	62,133
Itschner & Rigdon, Barlow	63,705
F. C. Dillard, Medford	64,510

CONTRACT AWARDED

KLAMATH COUNTY Oregon.—Barham Bros., Salem, at $33,372, submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, October 9, for the construction of a 288-foot concrete bridge over the Southern Pacific Co.'s tracks on the Klamath Falls-Weed Highway near Midland.

Total bids follow:

Barham Bros., Salem	$33,372
E. F. & W. F. Philpot, Port'd	34,152
Kockenberg-Wittman Co. Portland	37,380
C. J. Montag & Sons, Prtld.	40,370
Donn & Baker, Klam. Falls	40,710
McRae Bros., Seattle	44,460

CONTRACT AWARDED

KINGS COUNTY—Southern California Roads Co., 2145 E. 25th St., Los Angeles, at $43,404.25, awarded contract by the State Highway Commission, Sacramento, for about 1.5 miles grading and paving with asphalt concrete between Hanford and one and one-half miles easterly, in Kings Co.

CONTRACT AWARDED

UMATILLA COUNTY, Ore.—Newport Constr. Co., Governor Bldg., and Kern & Kibbe, 42 S. E. Salmon St., Portland, at $122,416 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, October 9, for 6.96 miles regrading, surfacing and constructing bituminous macadam wearing surface, etc., on the Emigrant Hill-Emigrant Springs Section of the Old Oregan Trail.

Total bids follow:

Newport Constr. Co. and Kern & Kibbe, Portland.	$122,416.
Saxton & Looney, Portland,	$127,255.
J. C. Compton and G. D. Lyon Co., McMinnville,	$127,791.
Max J. Kuney Co., Spokane,	$129,228.
Tony MaRazzo, Spokane,	$139,940.
E. Hefty, Portland,	$136,565.
K. O. Dale and Warren Bros., Aberdeen,	$139,322.
Homer G. Johnson, Portland,	$153,014.
Joplin & Eldon, Portland,	$145,338.

CONTRRCT AWARDED

JACKSON COUNTY, Oregon—Harold Blake, 400 N. TThompson St., Portland, at $125,012 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, October 9, for 5.12 mi. grading on the Ashland-Neil Creek Section of Pacific Highway.

Total bids follow:

Harold Blake, Portland	$125,012
Berke Bros., Portland	126,465
E. C. Hall, Eugene	128,357
Kern & Kibbe, Portland	130,906
F. C. Dillard, Medford	135,965
Guy F. Atkinson Co., Portland	138,029
McNutt Bros., Eugene	138,180
Dunn & Baker, Klamath Fls.	139,771
Wren & Greenough, Portland	146 150
P. L. Crooks & Co., Portland	150,703
Parker-Schram Co., Portland	158,156
Malcom & Bell, Portland	164,248

CONTRACT AWARDED

MALHEUR COUNTY, Ore. — Dunn & Baker, Klamath Falls, at $104,319 submitted low bid and awarded con-

ELKO COUNTY, NEVADA—OVERPASS—STATE

ELKO COUNTY, Nevada — Dodge Construction, Inc., Fallon, at $49,834 submitted low bid October 2, and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, Oct. 4, for constructing a concrete and steel overpass and approaches, one mile west of Wendover, Section B2 of Route 24, Elko County.

The work involves:

(1) 118 lin. ft. remove culvert pipe;
(2) 8 each remove culvert headwalls;
(3) 60 cu. yds. roadway excavation;
(4) 74,000 cu. yds. imported borrow;
(5) 740 cu. yds. structure excav.;
(6) .37 mi. subgrade;
(7) .39 mi. finish roadway;
(8) 22 tons asphaltic road material SC-2 (roadway fill);
(9) 10 tons asphaltic road material SC-2 (slopes);
(10) Lump sum railroad crossing;
(11) 364 cu. yds. Class A concrete;
(12) 236 cu. yds. Class D concrete.
(13) 89,000 lbs. reinforcing steel;
(14) 44,800 lbs. structural steel;
(15) 66 lin. ft. 24-in. CMP;
(16) 16 each monuments;
(17) 2704 lin. ft. metal guard rail;
(18) 39 mi. salvage and relay road-mix surface;
(19) 1050 cu. yds. gravel base;
(20) Lump sum construct detour.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $49,831.
(B) Isbell Constr. Co., Reno, $59,008.40
(C) Olof Nelson, Logan, Utah, $76,617.40.
(D) W. W. Clyde & Co., Springville, Utah. Bid irregular.
(E) Engineer's estimate, $55,364

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 1.00	$ 1.00	$ 1.00	$ .50	$ 1.00
(2)	5.00	4.00	10.00	10.00	5.00
(3)	1.00	.50	1.50	.60	.50
(4)	.25	.35	.50	.30	.35
(5)	1.50	1.00	4.00	1.00	1.00
(6)	300.00	250.00	1000.00	100.00	100.00
(7)	300.00	250.00	1000.00	100.00	300.00
(8)	25.00	35.00	25.00	20.00	18.00
(9)	25.00	40.00	25.00	20.00	25.00
(10)	150.00	100.00	500.00	100.00	100.00
(11)	23.00	27 00	35.00	28.00	23.00
(12)	25.00	30.00	30.00	28.00	24.50
(13)	.06	.0525	.065	.055	.055
(14)	.08	.06	.065	135.00	.075
(15)	4.00	3.25	3.00	3.00	3.00
(16)	3.00	3.50	5.00	4.00	4.00
(17)	1.25	1.60	1.10	1.10	1.25
(18)	1000.00	1700.00	2000.00	800.00	1000.00
(19)	1.00	1.00	1.20	.075	.90
(20)	600.00	150.00	500.00	300.00	250.00

IMPERIAL COUNTY—12.5 Mi. Grade and Surface—State

IMPERIAL COUNTY, Calif.—R. E. Hazard & Sons, 2543 Kettner Blvd., San Diego, at $151,293.50, as previously reported, submitted low bid to the Division of Highways, C. H. Purcell, Chief Engineer, State Bldg., Los Angeles, for about 12.5 mi. grading and surfacing with plant mixed surfacing (medium curing type) between East Highline Canal and Midway Wells, Imperial County.

(1) 134,000 cu. yds. rdwy. excavation without class;
(2) 155,000 sta. yds. overhaul;
(3) 135 cu. yds. struct. excavation;
(4) 660 sta. finishing roadway;
(5) 44,700 tons, mineral aggregate plant mixed surfacing;
(6) 1790 tons liquid asphalt MC-5 or MC-extra heavy plant mix surfacing;
(7) 75 tons liquid asphalt SC-2 (prime coat);
(8) 1440 tons liquid asphalt SC-2 (subgrade and shoulders);
(9) 233,600 sq. yds. preparing, mixing, shaping and compacting subgrade and shoulders;
(10) 25 tons liquid asphalt SC-2 (detours);
(11) 60 tons liquid asphalt SC-1A (slopes);
(12) 290 lin. ft. 24-in. CMP;
(13) 12 each culvert markers;
(14) 50 each guide posts;
(15) 3600 lin. ft. remove wooden side forms;
(16) 74 each monuments.

Total bids follow:

(A) R. E. Hazard & Sons, San Diego	$151,293.50
(B) V. R. Dennis Constr. Co., San Diego	165,573.75
(C) Oswald Bros., L. A.	167,990.95
(D) Mundo Engineering Co., Los Angeles	170,318.00
(E) Daley Corp., San Diego	177,706.50
(F) Gibbons & Reed Co., Burbank	177,852.45
(G) Sharp & Fellows Contracting Co., L. A.	194,817.50
(H) Jack A. Casson, Hayward	195,611.00
(I) Griffth Co., Los Angeles	221,239.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$.14	$.20	$.225	$.18	$.21	$.28	$.30	$.20	$.30
(2)	.02	.02	.006	.008	.005	.01	.02	.02	.01
(3)	1.50	.75	.75	.80	.75	.80	1.00	1.00	1.00
(4)	6.00	5.00	2.75	5.00	2.50	5.00	2.00	5.00	7.00
(5)	1.45	1.44	1.49	1.80	1.75	1.45	1.70	2.30	2.20
(6)	17.50	20.00	17.60	18.00	18.00	21.00	18.50	18.00	18.00
(7)	12.00	12.50	13.50	12.00	13.00	13.25	18.50	12.00	16.00
(8)	11.50	12.50	13.50	11.00	13.00	13.25	16.00	10.00	16.00
(9)	.035	.04	.052	.04	.055	.042	.05	.04	.07
(10)	30.00	40.00	27.00	20.00	37.75	15.00	35.00	12.00	13.00
(11)	25.00	25.00	40.00	16.00	31.00	25.00	35.00	12.00	30.00
(12)	3.00	3.50	2.75	3.00	2.65	2.75	2.50	3.00	3.00
(13)	2.50	2.00	2.25	3.00	3.00	2.50	3.00	3.00	3.00
(14)	2.50	2.00	2.25	3.00	3.00	2.50	2.00	4.00	3.00
(15)	.02	.01	.016	.03	.02	.02	.02	.05	.015
(16)	2.00	1.00	3.00	3.00	3.00	2.50	3.00	4.00	3.00

tract by the Oregon State Highway Commission, Portland, October 9, for constructing 9.61 miles of grading on the Federal Lands Portions of West Unit, and 1.64 miles of grading on the Private Lands Portions of West Unit Jordan Creek Section of I.O.N. Highway.

Total bids on the combined projects follow:

Dunn & Baker, Klamath Falls	$104,319
Hinman Bros. Constr. Co., Denver, Colo.	104,565
Itschner & Rigdon, Barlow	113,865
Morrison-Knudsen Co., Boise	121,825

Total bids on the Federal Lands Portion follow:

Dunn & Baker, Klamath Falls	$ 62,547
Hinman Bros. Constr. Co., Denver	64,109
M. L. O'Neil & Son, Eugene	69,859
Itschner & Rigdon, Barlow	73,333
Morrison-Knudsen Co., Boise	90,860

Total bids on the Private Lands portion follow:

Morrison-Knudsen Co., Boise	$ 37,965
Hinman Bros. Constr. Co. Denver	40,456
Dunn & Baker, Klamath Falls	41771
Schmitt Constr. Co., Portland	42,268

NOTICE TO BIDDERS

LOS ANGELES COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Los Angeles County Rosemead Boulevard, between San Gabriel Boulevard and Ramona Boulevard, for which bids are to be received in Los Angeles on October 31.

Said representative will meet prospective bidders at East end of Rio Honda Bridge on Garvey Ave., about 2 miles West of El Monte, on Wednesday, October 23, at 9:30 A. M.

Prospective bidders are urged to co-operate with the District Office and arrange to make their field inspection on the above date.

BIDS WANTED

CLARK COUNTY, Nevada — Until October 23, 3 p.m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway System in Clark County, Route 6, Sections B and C1, between Jean and Bard, a length of approximately 15.13 miles.

The work involves:

(1) 266 lin.ft. remove culvert pipe;
(2) 22 each remove culvert head-walls;
(3) 68,600 cu.yd. roadway excavation;
(4) 47,505 yd.sta. overhaul;
(5) 35,259 cu.yd. imported borrow;
(6) 1,540 cu.yd. structure excavation;
(7) 15.13 miles subgrade;
(8) 15.13 miles shoulders;
(9) 15.13 miles finish roadway;
(10) 63,200 tons crushed gravel or stone sub-base;
(11) 45,600 tons plantmix crushed gravel or stone base
(12) 25,900 tons plantmix asphaltic surface;
(13) 2,344 m. gal. water;
(14) 90 tons asphaltic road material, type MC-2;
(15) 1,295 tons Asphaltic road material, type SC-4;
(16) 445 tons asphaltic road material, type SC-2;
(17) 422 tons asphaltic road material, type SC-1A;
(18) 592 cu.yd. Class "A" concrete;
(19) 33 cu.yd. Class "B" concrete;
(20) 63,962 lb. reinforcing steel;
(21) 592 lin ft. 18 in. corr. metal pipe (Dipped);
(22) 988 lin ft. 24 in. corr. metal pipe (Dipped);
(23) 138 lin. ft. 30 in. corr. metal pipe (Dipped);
(24) 264 lin. ft. 36 in. corr. metal pipe (Dipped);
(25) 30 lin. ft. relay culvert pipe;
(26) 56 each move pipe culvert head-walls;
(27) 103 each monuments;
(28) 128 each culvert markers;
(29) 15.13 miles Salvage and Relay surface;
(30) 400 hours motor grader with pneumatic tires 8 ft. blade;
(31) 400 hours 50 h.p. crawler type tractor;
(32) 400 hours 10 ft. blade grader;
(33) 200 hours 50 h.p. tractor with power scraper (6 cu.yd. cap.);
(34) 200 hrs. 1½ ton dump truck;
(35) lump sum maintain detours.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable, and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

LOS ANGELES & KERN COUNTIES—Until November 6, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 5.5 miles grading, paving with Portland cement concrete, and constructing a reinforced concrete bridge, in Los Angeles and Kern Counties, between one-fourth mile south of the Kern County line and Fort Tejon.

The work involves:

(1) Clearing and grubbing right of way.
(2) 9300 M gals. water.
(3) 198,000 cu. yds. roadway excav. unclass.
(4) 6250 cu. yds. struc. excav.
(5) 1250 cu. yds. ditch excav.
(6) 160 stations grader ditch.
(7) 53,400 cu. yds. imported borrow.
(8) 4,426,000 station yds. overhaul.
(9) 13,500 cu. yds. removing top soil.
(10) 97,000 sq. yds. preparing subgrade.
(11) 300 stations finishing rdwy.
(12) 4400 tons mineral aggregate roadmix surfacing).
(13) 17 tons liquid asphalt SC-2 (prime coat).
(14) 815 tons liquid asphalt SC-4 roadmix surfacing and shoulder treatment).
(15) 65,000 sq. yds. preparing, mixing and shaping shoulders, ditches and dikes.
(16) 19,025 cu. yds. class B Portland cement conc. (pavement).
(17) 222,500 lbs. bar reinf. steel (pavement and structures).
(18) 39,450 eash pavement dowels.
(19) 1135 cu. yds. class A Portland cement conc. (structures).
(20) 775 lbs. bronze expansion plates.
(21) 60 cu. yds. light riprap.
(22) 95 cu. yds. class B Portland cem. conc. (slope paving).
(23) 970 lin. ft. 8 in. C M P.
(24) 128 lin. ft. 12 in. C M P.
(25) 2542 lin. ft. 24 in. C M P.
(26) 540 lin. ft. 24 in. C M P, 12 gauge.
(27) 494 lin. ft. 30 in. C M P.
(28) 86 lin. ft. 30 in. C M P, 12 gauge.
(29) 82 lin. ft. 36 in. C M P.
(30) 300 lin. ft. 72 in. C M P.
(31) 1582 lin. ft. 8 in. perf. metal pipe underdrains.
(32) 300 cu. yds. rock filling material.
(33) 115 each embankment protectors.
(34) 900 lin. ft. laminated guard railing.
(35) 312 lin. ft. timber railing bridges.
(36) 550 each guide posts.
(37) 60 each culvert markers.
(38) 3.5 miles standard property fences.
(39) 6.5 miles type A property fences.
(40) 30 each drive gates.
(41) 1.8 miles property fences removed and disposed of.
(42) 75 each monuments.
(43) 360 cu. yds. conc. pavement and structures removed and disposed of.
(44) 1 each cast steel frame and grate for drop inlet.
(45) 5 sections type A-20 pavement crossing devices.
(46) 6 sections type B-10 pavement crossing devices.
(47) 25 tons cut back asphalt slope treatment.
(48) 1 lot misc. items of work.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

SAN FRANCISCO—Francisco Heights Mains—(City)

SAN FRANCISCO, Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $4051.74, submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 89, for laying 4-, 6-, and 8-in. cast iron mains in Francisco Heights Subdivision.

The work involves:

(1) 6,350 l.f. excavation and backfill for 4- 6- and 8-in. pipe, trench 17-in. wide by 36-in. deep;
(2) 155 c.y. additional excavation and backfill;
(3) 50 sq. ft. additional pavement removal and replacement;
(4) Installing pipe:
  (a) 598 l.f. 4-in. bell and spigot cast iron pipe;
  (b) 4,850 l.f. 6-in. do;
  (c) 1082 l.f. 8-in. do;
(5) 7,580 lbs. installing fittings, gate valves, etc.;
(6) 920 l.f. making joints for pipe and fittings;
(7) 700 sq. ft. repavement;
(8) Lump sum, pipe and service connections, work to be done by S. F. Water Dept.

Pipe, fittings and appurtenances, excepting jointing material, will be furnished by the city. Repavement over the pipe trench where necessary is to be done by contractor.

Total bids follow:

(A) W. J. Tobin, Oakland	$4051.74
(B) E. J. Treacy, S. F.	4233.96
(C) M. J. Lynch, S. F.	4728.89
(D) S. F. Water Dept.	5406.54
(E) Fay Impprov. Co., S. F.	5615.00
(F) Theo. Cohn, S. F.	5768.34
(G) Herman Lawson, S. F.	6807.91

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$.20	$.25	$.25	0.35	$.34	$.34	$.51
(2)	.50	.50	1.00	1.00	1.00	1.00	1.50
(3)	.30	.35	.40	.35	.50	.30	.325
(4a)	.05	.04	.06	.06	.12	.11	.12
(4b)	.06	.04	.065	.07	.12	.11	.10
(4c)	.07	.07	.08	.08	.12	.13	.15
(5)	.02	.01	.015	.02	.02	.04	.03
(6)	.25	.30	.50	.50	.28	.50	.42
(7)	.25	.23	.30	.25	.46	.25	.28
(8)	1700.00	1700.00	1700.00	1700.00	1700.00	1700.00	1700.00

BIDS WANTED

MONTEREY COUNTY, Cal.—Until November 6, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.2 mile grading and surfacing with crusher run base and natural rock asphalt surfacing, in Monterey County, across Thompson Gulch about 3 miles north of King City.

The work involves:

(1) 700 M Gals. water;
(2) 3000 cu. yds. roadway excavation unclassified;
(3) 61,000 cu. yds. imported borrow;
(4) 450 cu. yds. struct. excav.;
(5) 165 cu. yds. exist. conc. removed and disposed of;
(6) 13 stations finishing roadway;
(7) 1000 tons crusher run base;
(8) 260 tons natural rock asphalt;
(9) 5 tons asphaltic emulsion 90-95;
(10) 95 tons screenings;
(11) 2000 sq. yds. preparing, mixing, and shaping shoulders;
(12) 37 tons liquid asphalt SC-2 (shoulders and detours);
(13) 80 sq. yds. paved gutters;
(14) 220 cu. yds. Class A Portland cement conc. (structures);
(15) 22,500 lbs. bar reinf. steel (structures);
(16) 278 lin. ft. 8-in. CMP;
(17) 6 each spillway assemblies;
(18) 295 lin. ft. laminated guard railing;
(19) 670 lin. ft. guard rail moved and reset;
(20) 0.1 mile exist. fences remove and reset;
(21) 7 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

CONTRACT AWARDED

WASCO COUNTY, Oregon—Fisher Bros., Oregon City, at $119,742 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, October 8, for 4.37 mi. regrading, surfacing, and bituminous macadam wearing surface, etc., on the Clear Lake-Clear Creek Section of Wapinitia Highway

Total bids follow:

Fisher Bros., Oregon City	$119,742
Saxton & Looney, Portland	129,023
Theo. Arenz and Oregon Contracting Co., Portland	134,271
Brent Sturgill Co., Cascade Locks	138,481
Newport Const. and Kern & Kibbe, Portland	145,773
E. Hefty, Portland	147,066
E. C. Hall, Eugene	148,776
Homer G. Johnson, Portland	151,028
R. O. Dall and Warren Bros., Aberdeen	159,694
A. Milne, Portland	165,410
Joplin & Eldon, Portland	168,892
A. C. Greenwood Co., Inc., Portland	172,295

BIDS REJECTED

COCHISE COUNTY, Arizona—All bids received by the Arizona State Highway Commission, Phoenix, Oct. 15, for 0.8 mile widening, resurfacing existing pavement, and constructing cement rubble masonry retaining wall and concrete culvert on the Benson-Douglas Highway (Lowell Streets) were rejected.

The two low bids were:

Phoenix-Tempe Stone Co., Phoenix, $41,882.

Pleasant-Hasler Co., Phoenix, $42,198.

CONTRACT AWARDED

CLATSOP COUNTY, Oregon.—Fred H. Slate, Multnomah, Oregon, at $345,730 submitted low bid and awarded contract by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Portland, October 8, for 2.59 mi. grading and an additional 3.05 mi. clearing on the Nehalem River-Rock Section of Wolf Creek Highway.

Total bids follow:

Fred H. Slate, Multnomah	$345,730
Jacobsen-Jensen, Portland	346,655
Myers & Goulter, Seattle	386,305
McNutt Bros., Eugene	387,455
Joplin & Eldon, Portland	389,209
Guthrie-Mebougal, Portland	397,192
Parker- Schram, Co., Portland	398,362
J. A. Lyons, Portland	399,270
Kern & Kibbe, Portland	410,402
Orino, Berkemeler & Saramel, Bonneville	410,810
P. L. Crooks & Co., Portland	413,845
Malcolmn & Bell Portland	539,575

CONTRACT AWARDED

MARIN COUNTY.—E. A. Forde, 640 Redhill Ave., San Anselmo, at $1900.95 submitted the only bid received and awarded contract by the Marin County Board of Supervisors, San Rafael, for applying seal coat from Point Reyes Station to Second Valley, Inverness, a distance of about 4.6 miles, to be treated with Type RC-4 liquid asphalt and sand, and on the Inverness-Pt. Reyes Lighthouse Road, from 2.5 miles north of Inverness to Floodgate, a distance of about 2.3 miles, to be treated with type SC-2 liquid asphalt and sand.

Unit bids follow:

(1) 53 tons liquid asphalt, Type RC-4, $20.
(2) 20 tons liquid asphalt, Type SC-2, $3.61.
(3) 325 c. y. sand, $1.75.

Rodney Messner, County Surveyor.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

EVERETT, Wash.—Puget Sound Machinery Depot, 322 First Avenue South, Seattle, has been awarded a contract by the Everett City Council for the construction of a pipeline from Harrison Ave. and California St. to City Reservoir No. 2. The type of pipe to be used will be determined later. The company bid $136,573 enameled pipe and $126,705 on painted pipe.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

GUSTINE, Merced County, Calif.—Crows Landing Hardware Co., Crows Landing, at $2,157 awarded contract by the Gustine City Council, October 9, for furnishing one each 5-in., 8-in. and 10-in. Kimball-Krogh noncloggsewer pumps and D. C. motors.

The other bids were:

Sterling Pump Corp., Stockton, $1,199 for one 8-in. and one 10-in. propeller pumps;
Simon Newman Co., $1,812 for two 14-in. Pomona propeller pumps;
C. U. Martin, Agent, San Francisco: $1,983 for one each 6-in., 8-in. and 12-in. Aurora;
Fairbanks Morse & Co., $2,842 for one each 5-in., 8-in. and 10-in. nonclog;
Byron Jackson Co., $3,148 for one 6-in. and 3 8-in. nonclog;
DeLaval Steam Turbine Co., S. F., $4,366 for one each 6-in., 8-in. and 12-in. nonclog.

All include control and float switches otherwise more or less unequal.

BONDS VOTED

SONORA, Tuolumne County. — A bond issue of $44,000 was approved by voters in Sonora on October 8. The funds in addition to a PWA grant of $36,000 will finance grading of streets and removal of septic tanks in Sonora and Wood[illegible] and construction of a large central disposal plant about one mile down Sonora Creek. Estimated cost of the paving is $31,000 and of the sewer $49,000.

City Engineer Robert Thom will begin a detailed survey immediately. John S. Bates, Berkeley, has prepared preliminary plans.

33— WATER WORKS

BONDS VOTED

SANTA BARBARA, Calif.—Bonds in the sum of $348,180 (city contribution); the sum with which to finance eight public works projects here involving the expenditure of $331,420 in federal funds carried at the election October 8. The eight projects call for the proposed expenditure of a total of $679,600.

The projects are:

Sheffield Dam and Reservoir, PWA — Estimated cost, $202,500; federal grant, $91,125; city, $111,375.

Filtration Plant, PWA Project — Estimated cost, $160,000; federal grant $72,000; city's share, $88,000.

El Cielito Reservoir, PWA Project — Estimated cost, $28,100; federal grant, $12,645; city's share, $15,455.

La Mesa Reservoir, PWA project—Estimated cost, $36,000: federal grant, $16,200; city's share, $19,800.

Distribution System, WPA Project — Estimated cost, $126,000; federal grant, $83,200; city's share, $44,800

Laguna Ball Park, PWA Project—Total cost, $35,000; city's share, $19,250.

Bird Refuge, Tennis Courts, PWA Project—Estimated cost, $30,000; city's share, $16,500.

Open Air Swimming Pool — Estimated cost, $60,000; city's share, $33,000.

October 17, 1935

CONTRACT AWARDED

SAN FRANCISCO — W. J. Tobin, 3701 Balfour Ave., Oakland, at $4,051.74 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W.D. 89, for laying 4-, 6-, and 8-in. cast iron mains in the Francisco Heights Subdivision.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

LOS ANGELES, Cal.—Until October 28, 10 A. M., bids will be received by Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., for wire boundary fence at the U. S. Quarantine Station, Los Angeles.

Specifications may be obtained from above office and from the Medical Officer in charge of the station. 34

October 14, 1935

CONTRACT AWARDED

LA JOLLA, Cal. — Knifling Bros., San Diego, at $210 awarded contract by Treasury Department for planting and seeding grounds at the U. S. Post Office, La Jolla. 34

BIDS WANTED

MONTEREY, Calif.—Until October 25, bids will be received by the Custodian, U. S. Post Office, Monterey, for seeding and planting the grounds at the Post Office, Monterey.

BIDS WANTED

SAN FERNANDO, L. A. Co., Calif.—Until Oct. 23, bids will be received by the Custodian, U. S. Post Office, San Fernando, for lawn sprinkling system at the Post Office, San Fernando.

Section 435½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY

$1,200,000 Sacramento School Work Voted

Bids Nov. 13 on $445,000 Paving Contract

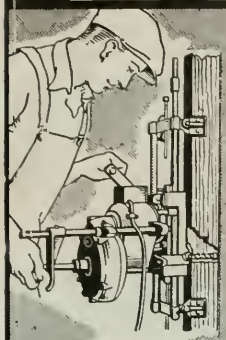
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

October 26, 1935

Vol. VXIII—No. 43

WAPPAT Electric TOOLS



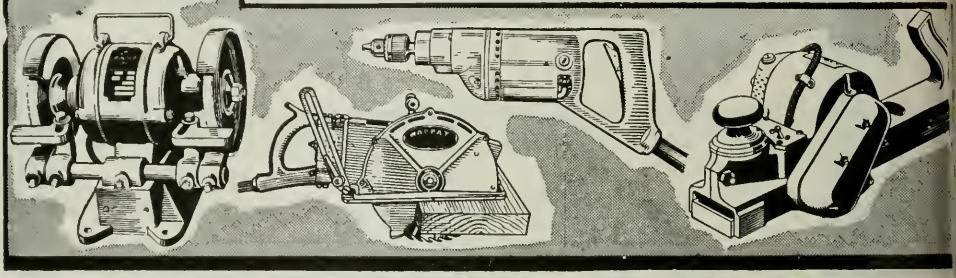
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., OCTOBER 26, 1935 No. 43

CUT-OFF PAVING CONTRACT BIDS NOVEMBER 13

State Advertises $445,000 Highway Construction Project

SACRAMENTO, Oct. 22.—Bids for paving the American Canyon cut-off, an 11-mile section of new highway that shortly will become the primary route between San Francisco and Sacramento, were invited today by the State Division of Highways to be opened in Sacamento, November 13. The state has $445,000 budgeted for the work.

The section to be paved is in Solano and Napa counties, between one mile north of Carquinez bridge and Cordelia. Paving is to be with Portland cement concrete requiring an estimated 27,620 cubic yards.

Bids will be opened November 13 also for construction of a reinforced concrete overhead across the tracks of the Santa Fe railroad in Contra Costa county, three and one-half miles north of Concord. The state has included $16,250 in its Works Program grade separation allotment for this job.

HOUSING DISPLAY IN MARKET ST. WINDOW

A display depicting the part the better housing program is playing in San Francisco Commerce by stimulating home building has been arranged in the windows of the Building Materials and Machinery Exhibit at 557 Market street for the Century of Commerce celebration.

The display contains model homes in miniature and elevations and floor plans for typical California homes, each bearing a placard showing the monthly payments under which like residences may be acquired through the single mortgage plan of the National Housing Act.

Domestic deep well water system shipments numbered 13,879 during the first eight months this year, as compared with 9812 during the same period in 1934, the Bureau of the Census reports.

REILLY LOW ON MADERA CONTRACT

WASHINGTON, D. C., Oct. 24.—Frank J. Reilly, San Francisco, at $66,430 today submitted the low bid to the Treasury Department for erecting a post office building at Madera. Second and third low bids were offered by Taylor-Wheeler, Inc., Fresno, $66,840, and K. E. Parker, San Francisco, $69,000.

Bids were received also today for a post office building contract at Van Nuys. The low bid was that of V. O. Brunzell and Alex Jacobsen, Gardena, at $46,440.

Prevailing Wage Scale Established For Sonora Work

The city of Sonora, which shortly will commence $80,000 in PWA street and sewer construction projects, has declared a prevailing wage schedule to apply on public works. The classifications and per diem rates based on an eight-hour day are: Bricklayers, $10; hodcarriers, $7; carpenters, $8; cement finishers, $9; electrical workers, $8.50; housesmith (reinforced concrete), $8; iron workers (structural) $8; laborers, building and common, $4; laborers, cement, $6; lathers, $8; millmen, planing mill department, $8; millmen, sash and door, $8; millwright, $9; painters, $8; plasterers, $12; hodcarriers, $8; plumbers $8.50; roofers, $7; sheet metal workers, $8; tile setter, $8; tile setter's helper, $6; tractor men, $5; grader men, $5; truck drivers, $5; jackhammer men $6; powder men, $6; stone masons, $6; stone mason's helper, $4.50.

According to the American Federation of Labor, there was a reduction of 20.7 per cent in the number of union members in the building trades unemployed in September, 1934. The number is the lowest for any month since December, 1930.

STATE LICENSE BOARD MEETS NEXT MONDAY

Governor Sets Date For Organization Of New Authority

Governor Merriam has called the initial meeting of the Contractors' State License Board for Monday, October 28, to be held in Sacramento, it was announced yesterday. Letters were in the mail directing the seven members, who were appointed last week, to meet and organize in accordance with the amended State Contractors' License Act.

Members of the board are:

W. A. Bechtel, general engineering contractor, San Francisco; S. G. Johnson, Oakland; Hugh McNulty, Fresno; Ralph E. Homann, Los Angeles, general building contractors.

Roy N. Butcher, electrical contractor, San Jose.

Stephen L. Ford, plastering contractor, Long Beach.

William Nies, plumbing contractor, Los Angeles.

The meeting will be held in the offices of State Director of Professional and Vocational Standards W. G. Bonelli, starting at 10 o'clock.

Immediately after electing a chairman and vice chairman, the members will receive reports from Director Bonelli and Assistant Registrar of Contractors Glen V. Slater. Affairs of the Contractors' License Bureau in the future are to be directed by the board acting with the advice and the approval of the department director.

The board has authority to appoint a registrar, who acts also as executive secretary of the board, and his principal assistants. It also will establish rules and regulations for administration of the license law.

IN NEW QUARTERS

Offices of Contractor R. S. Silverberg have been moved from 405 Montgomery St. to 753 Larch St., San Francisco, it has been announced.

CONTRACT LET TO RECONSTRUCT SOLANO ROUTE

Union Paving Co. Receives Award; Approach Work Bids Opened

SACRAMENTO, Oct. 23.—A contract was awarded today by the State Division of Highways to Union Paving Co., San Francisco, for paving with asphalt concrete a section of 3.8 miles in Solano county between Fairfield and Vacaville. The firm was low bidder at $178,696 on proposals received last week. The work includes realignment and construction of a small concrete bridge.

A contract was let today also to R. E. Hazard & Sons, San Diego, at $151,293 for grading and plant-mix surfacing about 12.5 miles in Imperial county between East Highline canal and Midway Wells.

Bids were received today for constructing a water supply system and concrete curbs and gutters on the west approach to the M street bridge at Sacramento. The bid was submitted by L. C. Seidel, Oakland, at $16,753. Other bids were: A. Teichert & Sons, Inc., Sacramento, $17,665; J. R. Reeves, Sacramento, $19,073; Robert B. McNair, Oakland, $19,924.

REAFFIRM STANDARD FOR WHEELBARROWS

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R105-32, Wheelbarrows, has been reaffirmed without change by the standing committee of the industry.

This simplification program, which is concerned with designation, capacity rating, and gage of steel used in the tray of various types of wheelbarrows, was originally effective September 13, 1929. The program was revised in 1932 and has continued in effect since that time without change.

Copies of the recommendation may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each.

C. F. SCOTT ELECTED COUNCIL CHAIRMAN

Charles F. Scott, professor-emeritus of electrical engineering at Yale University and chairman of the board recently appointed to administer the engineers' registration law in Connecticut, was elected chairman of the Engineers' Council for Professional Development at the annual meeting this month in New York City.

Professor Scott succeeds C. F. Hirchfeld, chief of research of the Detroit Edison Company, who has served as the council's chairman since its formation.

Bids November 20 On $270,000 S. F. School Contract

Bids for construction of the $270,000 Sunshine-Buena Vista School, to be located at 25th and Bryant streets, were asked yesterday by the San Francisco Department of Public Works. They will be opened November 20.

Bids are being taken on a general contract for the entire job, cost of which is estimated at $270,000; and on segregated contracts for general work to cost $230,000, mechanical equipment and plumbing to cost $27,000, and electrical work, cost of which is estimated at $13,000.

Architects for the projects were Martin J. Rist, Charles F. Strothoff, Smith O'Brien and Albert Schroepfer. H. J. Brunnier was structural engineer and A. R. McLaren, mechanical and electrical engineer.

The building will be one story in height and will contain eighteen classrooms, a dining room, exercise room, vocational room, rest room and an auditorium to seat 500 persons.

ENGINEERS PROPOSE REVISION OF CODE

Meeting in Fresno in their fourth annual convention, members of the Structural Engineers Association of California last week discussed revision of the state building code and recommended a number of changes in Appendix A, the section adopted as an emergency measure to reduce earthquake hazards in schools.

Meetings were presided over by President John B. Leonard, former superintendent of the San Francisco building inspection bureau.

The convention approved a resolution recommending to the State Division of Architecture several changes in Appendix A, said to be the result of two years of practical experience in administration of the law.

Approximately 100 engineers attended the meetings, according to Chief Building Inspector Erle L. Cope of San Francisco, who was present.

STEEL, CONCRETE IN SMALL RESIDENCES

A booklet describing the Lurie steel house is a recent publication of the Metal Lath Manufacturers Association. The Lurie house is said to incorporate a new type of home building and is not a prefabricated house, according to the association.

Copies of the booklet, "The Lurie Steel House," may be obtained by writing the Metal Lath Manufacturers' Association, Room 631, South LaSalle Street, Chicago, Ill.

WEBB APPROVES EMPLOYMENT OF SPAN ARCHITECTS

Civil Service Rules Not Violated In Engaging Consulting Experts

Authority of Chief Engineer C. H. Purcell to engage consulting architects and engineers for the San Francisco-Oakland Bay bridge without drawing them from civil service lists is upheld in an opinion by Attorney General U. S. Webb rendered to State Director of Public Works Earl Lee Kelly.

The attorney general approved an agreement executed by Mr. Purcell with Architects Timothy L. Pflueger and John J. Donovan to furnish architectural consulting services as requested. Compensation for each is to be $416.67 per month from July 1, 1935, to December 31, 1935. He approved also an agreement by Mr. Purcell with Wendell P. Monroe, consulting electrical engineer of New York, to furnish consulting services in connection with the electrical contract on the bridge. Compensation is to be at the rate of $25 per day and traveling expenses. The period of employment is to be for 30 days commencing September 4 and to be extended for an additional sixty days if necessary.

Attorney General Webb's opinion to Mr. Kelly states:

"The services required in each of these cases is of a highly expert character and of a temporary nature; that is to say it is not of that character which would suggest repeated demands therefor or the holding of examinations to supply a list from which selections might be made. The service is one in which the element of personal efficiency far outweighs that of mechanical performance.

In other words, while in many instances the character of service required might be performed by the personnel of existing State departments, yet the particular occasion may be such that the service required in relation to that occasion may justify the determination by the department or official having charge of the erection or construction of public improvement that there is needed in the proper execution of the work, not such services as would ordinarily be sufficient and proper but these special services and ability which the particular occasion requires. In such cases it would appear that no violation is done to Article XXIV of the Constitution, nor any of its objects and purposes subverted, by the procurement of the required services through the means of a contract of independent employment.

Sales of residential mechanical stokers numbered 16,290 during the first eight months of 1935, the Bureau of the Census reports, as compared with 8,615 during the corresponding period last year.

PWA Beats Dead-line With Housing Program; $90,283,000 Work Advertised

The entire program of the PWA Housing Division has been placed on the market for bids or is in construction, according to Director A. R. Clas.

Calling for bids on $70,000,000 worth of low-renting housing projects four days before the October 22 deadline the division now has 33 projects on the market with total allotments of $90 283,000.

This brings 46 projects to the final stages of development. The 46 projects now out for figures or in construction have total allotments of $133,096,000. It is estimated they will create about 38,000,000 man-hours of work directly at the site, employing about 50,000 men and creating payrolls of $38,000,000 for direct labor. In addition the production and fabrication of building materials will create some 52,000,000 man-hours of work, releasing an additional $30,000,000 in payrolls.

In a communication to Administrator Ickes, Mr. Clas said:

The housing division is glad to report that all of its projects, with the exception of the Schnectady development, approved only October 17, have been put out for bids. This means that the housing division not only has met the works relief October 22 deadline, but has actually beaten it by four days.

"Bids will be opened on all projects next month and construction can start shortly thereafter. We have completed the groundwork on the entire housing program and completion of all 46 projects now depends upon how fast contractors can lay bricks and mortar.

"The first public housing program in the United States is now definitely out of the planning stage. With award of contracts, one of the largest governmental building programs in history will be under way."

All of the housing projects are located in midwest or eastern cities

WARRACK LOW ON KETCHIKAN P. O.

(SPECIAL TO DAILY PACIFIC BUILDER)

WASHINGTON, D. C., Oct. 21.—Two bids were received today by the Treasury Department for constructing a court house and post office building at Ketchikan, Alaska. The low bid was that of Warrack Construction Co., Seattle, at $278,580. MacDonald Construction Co., St. Louis, bid $356,430. Low bid for the prison equipment was offered by Decatur Iron and Steel Company, Decatur, Ala., at $18,800. Kylte Steel Construction Co., Los Angeles, bid $19,850.

SCHEDULE BIDS ON FIRST NORTH STATE PWA JOBS

Stockton Compress Addition, Modesto Canal Repair Work Advertised

Bids will be opened October 30 and November 4 on the first two northern California projects to be advertised under the new Public Works program. They are a $60,000 addition to the Stockton Port Commission's cotton compress, and repair of the Modesto Irrigation District's main canal, total cost of which is estimated at approximately $72,000.

Bids for repairing the main canal of the Modesto Irrigation District open in Modesto October 30. Work consists of guniting canal walls.

The Stockton Port Commission will open bids November 4 for construction of Unit "E" of the cotton compress, located at the Stockton deep draft terminal. The building will have concrete floors, brick walls, tar and gravel roof and galvanized iron and wood siding. A loan and grant of $60,000 has been approved by the Federal Public Works Administration, which has also allotted the district a $198,940 loan and grant for construction of six new warehouses.

A grant of $32,175 has been allotted the Modesto Irrigation District to aid in financing the canal repairs.

The Stockton and Modesto projects were among the first for which completed plans were filed with the State PWA office.

Oakland Council Budgets $160,000 Gas Tax Money

Oakland City Council has adopted a budget for $160,000 in state gasoline tax money to be expended on city streets during the current fiscal year.

The improvements selected will be aided by PWA grants of 45 per cent of the cost. The city's share of the cost will come entirely from gas tax allotments.

Following are the major projects to be constructed and the amount of gas money for each: San Leandro Street, $10,000; Broadway Terrace, $25,000; Foothill Blulevard, $35,335; Adeline Street, $8,910; 22nd Street, $6600; Eighth Street, $36,025; Grove Street, $20,130; and Telegraph Avenue, $11,495.

$1,200,000 SCHOOL BUILDING VOTED IN SACRAMENTO

City Approves Construction To Be Financed With PWA Aid

A bond issue of $785,000 to complete financing of a $1,200,000 school building program was approved by Sacramento voters Tuesday at a special election. The bonds carried by a vote of 1 to 1. The school district already has a PWA allocation of $221,000 toward the project and has an application on file for an additional grant.

Passage of the bonds will permit an immediate start on the proposed addition to the junior college building, for which the $221,000 grant is designated. Bonds of $300,000 were authorized for this project. The addition will include classrooms, library, cafeteria, extension of the gymnasium, assembly hall, shops, art and music rooms. Plans have been prepared by Architect Harry Devine.

With the balance of $485,000 in bond proceeds and a PWA grant, for which application is pending a new main high school building is planned to cost $700,000. The firm of Starks and Flanders has been commissioned to prepare plans.

Sacramento voters will go to the polls again on November 5 to decide on a bond issue of $970,000 for municipal improvements which also have been submitted to PWA. These projects are (1) additions to filtration plant and other portions of the municipal water system, $375,000; (2) storm sewers, $90,000; (3) yacht harbor, $80,000; (4) street widening, $110,000; (5) pedestrian underpass, $6000; (6) public pound building, $10,000; (7) shop and warehouse buildings, $39,000; (8) library addition, $25,000; (9) airport hangars, $10,000; (10) public safety alarm system, $130,000; (11) approach to I street bridge, $95,000. PWA grants have been allotted toward the water system and the sewers.

MARIN PLANNERS' SURVEY APPROVED

Appropriation of $21,543 for completion of a comprehensive planning survey and study of Marin county, recommended by the Marin County Planning Committee, has been approved by the county supervisors. Preliminary work on the survey has been underway for several months under the direction of Hugh Pomeroy.

It is expected that the larger portion of the fund will be contributed by PWA. The survey will require the work of twenty technical men and their assistants during the coming year, it is stated. A county-wide meeting to discuss the plan will be held November 12.

FINISH LINING ISLAND TUNNEL ON BAY CROSSING

Cable Spinning Equipment Being Moved To East Suspension Sector

Two jobs were finished last week on the San Francisco-Oakland bay bridge—the spinning of the two cables between San Francisco and the center anchorage, and the concrete lining of the Yerba Buena Island tunnel, according to the weekly progress report to be filed today with State Director of Public Works Earl Lee Kelly by Chief Engineer C. H. Purcell.

San Francisco

The main viaduct of the bridge, being built by Healy-Tibbitts Construction Co., is steadily creeping eastward and has almost reached Second Street.

Work is progressing satisfactorily on both the "on" and the "off" ramps.

West Bay Superstructure

With cable spinning completed on the western suspension bridge, the Columbia Steel Co. is now spinning machinery to the eastern suspension bridge.

Compacting started last week on the north cable which is being squeezed to circular form by a machine that is a combination radial jack and spiral winding seizing machine.

Yerba Buena Island

Lining of the huge Yerba Buena Island tunnel with concrete three and four feet thick was completed by Clinton Construction Co. last week.

Excavation of the core has continued, a total of 240 feet of it having been removed.

East Bay Superstructure

The slow and tedious work of building falsework for the east anchor arm has held to a gradual pace the construction of this unit of the cantilever span.

Alameda County

Concrete footings for the retaining walls of the Administration on the sand fill have been built by Clinton Construction Co., and pile driving has now been started for the toll collection plaza.

Emeryville

Four additional concrete girder spans were erected during the week by Barrett & Hilp, making a total of 36 to date on the East Bay distribution structure—that complicated interlacing system of viaducts. Barrett & Hilp are now erecting the southerly of the two steel girder crossings over the Key Route subway.

Berkeley

The two side abutments of the Folger Avenue underpass were finished off last week by J. F. Knapp, contractor, and the center pier will be completed during the week.

Oakland

The contract for the construction of the San Pablo subway was awarded last week to J. F. Knapp of Oakland on a bid of $359,932.

Cable Spinning On Gate Bridge Starts Next Month

Two hundred and twelve men are working against time this week to complete erection of the storm cable system and reeling equipment so that spinning of the 36½ inch cables of the Golden Gate Bridge may commence by November.

At the close of last week's work the quarter section cross bridges had been swung out on the catwalk cables from the two towers. This week they will be hauled out into position in readiness for the inverted storm cables to be attached to them.

Meanwhile, the tramway cables that will carry the spinning wheels have been strung above the catwalks and their suporting frames erected on the tower top. Hand ropes and a wire mesh guard on both sides of each catwalk also are being erected.

Work on the protective breakwater west of the San Francisco anchorage is proceeding rapidly, with the concrete already poured in the first section and excavations for the second section under way.

Excavtion also is under way for the footings of the south abutment, while work on the low viaduct of the east approach through the Presidio is going ahead on schedule.

BULLETIN INCLUDES NEW MINING LAWS

Laws affecting mining rights passed by the last legislature are included in a revised and enlarged edition of Bulletin No. 106, "Manner of Locating and Holding Mineral Claims in California," by A. H. Ricketts, according to an announcement by State Mineralogist Walter W. Bradley of the Department of Natural Resources.

Bulletin 106 may be obtained from the following offices of the Division of Mines: Ferry Building, San Francisco; State Building, 217 West First Street, Los Angeles; 320 State Office Building, Sacramento, and Chamber of Commerce, Redding; also at the following district offices of the Division of Oil and Gas: Bakersfield, Taft, Coalinga, Santa Barbara, Santa Paula. Price, 25 cents a copy postpaid.

RECESSED HEAD FOR BOLTS AND SCREWS

A new line of screws and bolts with recessed heads is announced by the American Screw Company of Providence, R. I. The line is known as Phillips recessed head, self-centering screws and bolts.

In the Phillips head a tapered recess which fits a tapered driver takes the place of the slot in the ordinary screw. Faster driving, reduced spoilage and increased safety are among the advantages claimed by the manufacturer.

STATE LICENSE ROLL HIGHEST IN FOUR YEARS

Number Of Contractors Gaining Bureau Directory Shows

There were 22,699 licensed contractors in the state of California at the end of the 1934-36 fiscal year, bringing the total registration to the highest point since 1932. Assistant Registrar of Contractors Glen V. Slater reports in a preface to the annual "Official Director of Licensed Contractors," which has just been issued.

A further gain in registered contractors in the current year is predicted by Mr. Slater from the rate at which applications for new licenses and renewals are being received. Annual registration for the past five years, and at the close of the first month of the current year is reported by Mr. Slater as follows:

	Originals	Renewals	Total
1930-31	9,571	18,062	27,633
1931-32	6,328	18,722	25,050
1932-33	4,489	17,915	22,404
1933-34	4,486	17,932	22,418
1934-35	4,292	18,407	22,699
1935-36 to Aug. 1 933		19,125	20,058

The 22699 licensed contractors as of June 30, 1935, were classified as follows:

General Engineering	1,309
General Building	14,719
Speculative Builders	315
Unclassified and Miscellaneous	228

Largest of the sub-contracting groups are the following:

Painting and Decorating	3,070
Plumbing	1,967
Electrical	1,628
Plastering	1,153

The volume of the directory now available lists all contractors in alphabetical order. It is to be supplemented shortly with a list arranged geographically. Supplements of additional registrations will be issued at intervals during the year. The price of the directory is $3.50 per copy and it is available at the offices of the Contractors' License Bureau in Sacramento, and in San Francisco, 450 McAllister street.

STOWITTS NAMED PWA INSPECTION ENGINEER

Appointment of George P. Stowitts as chief engineer of the inspection division of the Federal Public Works Administration is announced by Administrator Harold L. Ickes. Mr. Stowitts will succeed Capt. J. G. Gholston, who has been appointed director of the PWA engineering division.

IN NEW QUARTERS

Architect C. F. Gromme announces removal of his offices from the Masonic Building, San Rafael, to the Freitas Building, Fourth and B streets, San Rafael.

FHA FINANCING HERE IN WEEK TOTALS $200,000

Director Reports Committment Volume; Eastbay Cities Lead

Construction of new homes valued at more than $200,000, financed under the single mortgage plan of the National Housing Act, started in Northern California this week, it was revealed yesterday by Jay Keegan, associate director of the Federal Housing Administration in this district.

Continuing a record pace set during the first week of October home building activity was given greater impetus, Keegan said, when the housing administration this week granted commitments insuring mortgages amounting to $147,000 on residential construction in Northern California.

That amount, he pointed out represents less than 80 percent of the actual investment, since the act requires that the owner establish an equity of at least 20 percent.

Oakland and East Bay cities, with mortgages of $57,850, are leading this week's parade of home builders, while the peninsula dropped from last week's first into second place with $38,750, and Marin county claimed third honors.

"The housing administration is proud of its record for stimulating home building in this district," Keegan said. "Not only does the single mortgage plan permit home owners to readily finance up to 80 percent of the value of their properties at five percent simple interest, but makes home ownership comparable to, and in many instances less costly than paying rent."

RELIEF MAP SHOWS BRIDGES, EXPOSITION

A large relief map showing San Francisco's waterfront and the San Francisco-Oakland Bay Bridge, Golden Gate Bridge and the 1938 exposition as they will appear when completed has been placed in the Polk street entrance lobby of the city hall.

The map was prepared under the direction of Exposition Director Leland W. Cutler, Architect Geo. Kelham, Mayor Rossi and Chief Administrative Officer Alfred J. Cleary. Scale is 150 feet to the inch.

RADIO ADDRESS BY FOLEY SCHEDULED

Director Thomas M. Foley of the State Department of Military and Veterans' Affairs, will speak over radio station KGO October 22 at 8 p. m., it is announced. Topic of Mr. Foley's address is "Veteran and Military Affairs of the State of California."

10% of Bid Price Is Forfeit Limit On State Proposal

In the event of a low bidder failing to execute a contract awarded to him only ten percent of the amount of his bid may be forfeited by the state, Attorney General Webb has ruled. His opinion was rendered in reply to an inquiry from G. T. Gunston, disbursing officer for the California State Division of Highways.

The question arose from a Kern county highway contract on which J. A Casson was low bidder. Due to an error in writing a unit price the bid was approximately $10,000 below the total intended. Mr. Casson refused to accept the contract and the Director of Public Works declared his bid security forfeited, awarding the contract to the second low bidder.

However, the bid security was a check for $8,000, which had been drawn previously to submit with another proposal and was considerably in excess of the amount of the forfeit, $1,641. Because of an amendment to the state contract act in 1933, Mr. Gunston asked for an interpretation as to whether the bidder might be liable for the entire amount of his posted bid security instead of ten percent of the amount bid.

The attorney general's opinion is that the amended act does not change the guarantee requirements and he advised the state office to retain only $1,641 and to return the balance of $6,359 from the certified check to Mr. Casson.

NAME L. A. AQUEDUCT STEEL INSPECTORS

Smith Emery & Company, inspection engineers of San Francisco and Los Angeles, have been commissioned to inspect approximately 76,000 tons of steel for the Metropolitan Water District's Colorado River Aqueduct This is reported to be one of the largest steel orders yet placed on the Pacific Coast, others being for the San Francisco-Oakland Bay Bridge East Bay Municipal Utility District, Mokelumne River project and the Golden Gate Bridge.

Smith Emery & Company, inspected steel for the Park Street Bridge and the Mokelumne project, and are western inspectors of materials for the Golden Gate Bridge and Highway District.

The Metropolitan Water District's order calls for 40,000 tons of steel to be rolled in the San Francisco Bay district. 8,000 tons in the Los Angeles area and the balance divided between a number of eastern and midwest mills.

September shipments of electric industrial trucks and tractors totaled 80, as compared with 78 in August, 39 in September, 1934, and 51 in September, 1933, according to the Bureau of the Census.

IMPERIAL DAM CONSTRUCTION BIDS NOV. 21

Site Near Yuma Is Division Point For All-American Canal

Bids for construction of the Imperial diversion dam on the Colorado River will be received by the U. S. Bureau of Reclamation in Yuma, Ariz., November 21. The contract will include installation of the desilting works.

Imperial dam site is located about 18 miles northeast of Yuma. It will create the reservoir from which waters of the Colorado are to be diverted into the All-American canal.

Construction items include 1,079,000 cubic yards excavation from borrow pits; 1,065,000 cubic yards compacting embankments; 1,300,000 yards excavation unclassified for dam and desilting works; 155,000 cubic yards concrete in dam, desilting works and aprons. Material items to be purchased by the government and furnished to the contractor include 1,710,000 ft. B.M., untreated timber sheet piling; 5,203,000 lbs. steel sheet piling; 5,203,000 lbs. reinforcement bars; 379,000 lbs. structural steel in bridges.

The dam contracter will install equipment for the desilting works, which is being constructed under separate contracts.

Construction is to be completed in 800 calendar days. The work will be supervised by R. B. Williams, construction engineer for the All-American Canal project.

COPPER AND BRASS CONSUMPTION GAINS

Reporting marked gains in the use of copper and brass in the building field during the past year, President F. S. Chase of the Copper and Brass Research Association, estimates a consumption of approximately 175,000,000 pounds for building during 1936.

In residential building copper is used largely for roofing, flashings, gutters and downspouts; copper and brass for water lines, solid brass and bronze for hardware and lighting fixtures; and bronze for insect screen cloth, Mr. Chase said.

WESTINGHOUSE SALES AND ORDERS GAINING

Increases of 21 per cent in orders and 24 per cent in sales billed are reported by Westinghouse Electric & Manufacturing Co for the third quarter of 1935, as compared with the third quarter last year. Comparative figures for the two quarters follow:

	Quar. End. Sep. 30,'35	Quar. End. Sep. 30,'34
Orders Received	$30,497 620	$25 213 271
Sales Billed	29,723,546	23,973,895
Net Profit	2,557,452	*332,062

* Net loss.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1115	Anderson	Owner	3000
1116	Spiro	Isaac	5000
1117	Shannon	Owner	3500
1118	Demey	Owner	6000
1119	Leggalet	Owner	4000
1120	Frank	Owner	1900
1121	Koch	Owner	2000
1122	Guisti	Glaser	2500
1123	Lindsay	Owner	3000
1124	Lissetto	Oliva	3000
1125	Doelger	Owner	4000
1126	Stevens	Owner	6000
1127	San Francisco	—	50000
1128	Hallgren	Owner	3500
1129	Thorinson	Owner	3000
1130	Wolper	Owner	2500
1131	Horstmeyer	Owner	1490
1132	Petersen	Owner	4000
1133	Barraza	Owner	4000
1134	Allied	Jacks	15000
1135	Fisher	Hamilton	2500
1136	General	Owner	4000
1137	Foppoli	Owner	4000
1138	Girls'	Marshall	15000
1139	Standard	Owner	3000
1140	Standard	Owner	3000
1141	Standard	Owner	3000
1142	Standard	Owner	3000
1143	Auradou	Standard	2500

DWELLING
(1115) E 32d AVE, 225 N Moraga. One-story frame dwelling.
Owner—Christian Andersen, 146 Granville Way, San Francisco.
Architect—Not given $3000

DWELLING
(1116) W 26th AVE, 130 N Camino Del Mar. 2-story base frame dwelling.
Owner—Dr. Harry Spiro.
Contractor—H. H. Isaac.
Architect — S. A. Colton, Flatiron Bldg., San Francisco. $5000

DWELLING
(1117) W 24th AVE, 75 S Moraga, One-story and base frame dwelling.
Owner—Frank J. Shannon, 100 Putnam St., San Francisco.
Architect—Not given. $3500

DWELLING
(1118) NE 25th AVE AND OCEAN. Two-story frame dwelling.
Owner—Alex Demey, 4105 Lincoln Way, San Francisco.
Architect — Albert R. Williams, 251 Post. $6000

DWELLING
(1119) W REVERE, 175 E Griffin. One-story and basement frame dwelling.
Owner—Leggalet & O'Neil, 1099 Quesada, San Francisco.
Architect—Not given $4000

ALTER BAKERY
(1120) SE MISSION 150 NE Russia: alter bakery.
Owner—A. B. Frank, 4607 Mission. $1900

ALTER FLATS
(1121) 33 AVILA, Alter flats.
Owner—F. H. Koch, premises $2000

ALTER BAKERY
(1122) 3215 FILLMORE ST.: alter bakery.
Owner—N. Guisti, 3141 Fillmore.
Contractor—J. P Glaser Co., 2480 Union St. $2500

DWELLING
(1123) E TWENTY - THIRD AVE. 150 N Noriega Street. One-story frame dwelling.
Owner—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1124) S LEO ST. 175 W Mission St. One-story and basement frame dwelling.
Owner—F. Lissetto, 20 Ruth St., San Francisco.
Architect—Not Given.
Contractor—J. Oliva, 542 Vienna St., San Francisco. $3000

DWELLING
(1125) SE SEVENTEENTH AVE. & Ortega St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco
Architect—Not Given. $4000

FLATS
(1126) W TWENTY-NINTH AVE. 250 N Fulton St. Two-story and basement frame flats.
Owner—Chas. A. Stevens, 874 27th Ave., San Francisco.
Architect—Not Given. $6000

ALTERATIONS
(1127) NO. 932 MISSION ST. Alter offices.
Owner—San Francisco Remedial Loan Assn., Ltd., Premises.
Architect and Engineer to be selected
Contractor—Not Given. $50,000

DWELLING
(1128) E TWENTY-NINTH AVE. 25 E Irving St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1594 29th Ave., San Francisco.
Architect—Not Given. $3500

DWELLING
(1129) E THIRTY-FIRST AVE. 163 S Vicente St. One-story and basement frame dwelling.
Owner—F. H. Thorinson, 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1130) NO. 829 FORTY-THIRD AVE. Alter dwelling.
Owner—M. Wolper, 137 9th Avenue, San Francisco.
Architect—Not Given. $2500

REPAIRS
(1131) NO. 3969-71-73 17TH STREET Repair fire damage to dwellings.
Owner—C Horstmeyer, 31 Ord Street, San Francisco.
Architect—Not Given. $1490

DWELLING
(1132) W MIRAMAR ST. 175 S De Montfort St. One-story and basement frame dwelling.
Owner—A. R. Peterson, 60 Cotter St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1133) S PACHECO 154 W Oriole Way. One-story and basement frame dwelling.
Owner—Manuel Barraza, 1440-A Hyde St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1134) SE GEARY & MASON STS. Alter restaurant.
Owner—Allied Properties, % Contractor.
Architect — Gardner A. Dalley, 210 Post St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St. $15,000

DWELLING
(1135) W COURTLAND AVE. 300 N Mission St. One-story frame dwlg
Owner—W. Fisher, 1758 Mission St., San Francisco.
Architect—Not Given.
Contractor—Hamilton & Owens, 5367 Wentworth St., Oakland. $2500

STATION
(1136) SW COLUMBUS AVE. AND Bay St. One-story steel service station.
Owner—General Petroleum Corp. of Calif., Pier and Ferry Sts. Oakland.
Architect—Not Given. $4000

ALTERATIONS
(1137) NO. 566-576-566A,576A LOMbard St. Alter flats.
Owner—Jos. Foppoli, 290 Green St., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1138) NO. 2534 SUTTER STREET. Alter girls' home.
Owner—Girls' Friendly Society Lodge Premises.
Architect—Not Given.
Contractor—F. S. Marshall, 799 Ashbury St., San Francisco. $15,000

DWELLING
(1139) E THIRTY-SECOND AVE. 150 S Lawton St One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1140) E THIRTY-SECOND AVE. 100 S Lawton St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1141) E THIRTY-SECOND AVE. 125 S Lawton St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco
Architect—Not Given. $3000

DWELLING
(1142) W FORTY-THIRD AVE. 75 N Anza St. One-story and basement frame dwelling.
Owner — Standard Bldg. Co., 1500 Judah St., San Francisco
Architect—Not Given. $3000

DWELLING
(1143) W AKDENWOOD 305 N Sloat Blvd. One-story and basement frame dwelling.
Owner—Mrs. Mina Auradou, % Contractor.
Architect—Not Given.
Contractor—Standard Bldg. Co., 1500 Judah St., San Francisco. $2500

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
845	McIvar	Thrams	10137
846	Koch	Owner	1000
847	Rodegues	Tollefsen	3500
848	Feltman	Brown	2000
849	Fox	Hopper	1750
850	Berkeley	Lindgren	3188

851	De Natly	Owner	2000
852	Bonds	Owner	6000
853	Sigwald	Owner	7000
854	Walton	Dalley	17550
855	Hazel	Larsen	8900
856	Netherby	Owner	6000
857	Walker	Owner	4000
858	Le Blanc	Owner	4000
859	Oliver	Christensen	1000
860	White	Owner	1000
861	City	Parker	106400
862	Anderson	Haller	6500
863	Reich	Owner	1000
864	California	Owner	1400
865	Fenton	Teigland	7800
866	Oakland	Owner	2000
867	Hill	Peterson	1466
868	Eulgem	Cruz	1800
869	Silva	Owner	1250
870	Steinhauff	Melrose	1986

STORES
(845) 3264-66 LAKESHORE AVE., **OAKLAND.** One-story concrete stores.
Owner—Margaret McIvar.
Builder—C. H. Thrams
Architect—Miller & Warnecke, Financial Center Bldg., Oakland. $10,137

ADDITIONS
(846) No. 2448 ACTON ST., **BERKELEY.**
Owner—Wm. Koch. Premises.
Architect—Not given.
Contractor—Owner. $1000

DWELLING
(847) NO. 1939 38th AVE, Oakland. 1-story 5 room dwelling.
Owner—M. Rodegues.
Contractor—C. Tollefsen, 3311 East 17th St. $3500

ALTERATIONS
(848) 1124 WASHINGTON ST., Oakland.
Owner—Feltman & Curme, premises.
Contractor—Henry Brown, 1378 East 32nd St. $2000

ALTERATIONS
(849) 516 18TH ST (3rd floor), Oakland.
Owner—Fox West Coast Theaters.
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Ave. $1750

ALTERATIONS
(850) 1222 UNIVERSITY, Berkeley.
Owner—Berkeley Board of Education, 2325 Milvia.
Contractor—Lindgren & Swinerton, 1723 Webster, Oakland. $3188

DWELLING
(861) 2070 EMERSON, Berkeley. One-story 3-room frame dwelling and garage.
Owner—Albert De Natly, 2068 Emerson. $2000

DWELLING
(852) 444 VASSAR, Berkeley; 2-story 6 room frame dwelling.
Owner—Milton S. Bonds, 583 Spruce. $6000

RESIDENCE
(853) 590 BLAIR, Piedmont; 2-story, 7-room residence and garage.
Owner—Sigwald Bros., 916 Alma Ave, Oakland.
Architect—Ray Keefer, 770 Wesley Ave. $7000

MARKET BLDG.
(854) 2601 TELEGRAPH AVE., Class C2 Market Bldg.
Owner—H. K Walton, San Rafael.
Contractor—Daley Bros., 4221 Horton St., Emeryville.
Architect—S. Helmann, S. F. $17,550

FOUNDATION
(855) 8825 G St., Oakland, concrete foundation.
Owner—Hazel Atlas Glass Co., 8825 G Street, Oakland.
Contractor—Larsen & Larsen, 629 Bryant St., S. F. $8900

DWELLING
(856) 421 SPRUCE, Berkeley; 2-story 6-room frame dwelling and garage
Owner—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not given. $6000

DWELLING
(857) 960 KEELER, Berkeley; 2-story 6-room frame dwelling.
Owner—J. M. Walker, 1709 Grove.
Architect—Not given. $11,000

(858) NO. 3110 THOMPSON AVENUE, **ALAMEDA.** One-story frame and stucco dwelling.
Owner — W. L. LeBlanc, 1727 Santa Clara Ave., Alameda.
Architect—Not Given. $1000

VAULT
(859) 2896 GLASSCOCK STREET, **OAKLAND.** One-story 1-room concrete record vault.
Owner—Oliver United Filter Co., 4th and Madison Sts., Oakland.
Architect—Not Given.
Contractor — H. J. Christensen Co., 1955 Webster St., Oakland. $1000

ADDITION
(860) NO. 470 LAKE PARK AVE., **OAKLAND.** One-story concrete addition.
Owner—White Tavern Operating Co., 1431 Grove St., Oakland.
Architect—Not Given. $1000

ALTERATIONS
(861) COR. NINETEENTH AVE. & E-19th St., **OAKLAND.** Reconstruction of school building.
Owner—City of Oakland.
Architect — Will G. Corlett, 12th and Broadway, Oakland.
Contractor—K. E. Parker, 125 South Park, San Francisco. $106,406

DWELLING
(862) NO. 17 CONTRA COSTA PL., **OAKLAND.** Two-story six-room
Owner—Ragnor Anderson, Richmond
Architect—Not Given.
Contractor — Paul H. Haller, 6221 Buena Vista Ave $6500

ADDITION
(863) NO. 47 POPLAR ST., **BERKELEY.** Addition.
Owner—M. M. Reich, Premises.
Architect—Not Given. $1000

GARAGE
(864) NO. 711 CAMELIA STREET. **BERKELEY.** Garage.
Owner—California Ink Co., Premises.
Architect—Not Given. $1400

DWELLING
(865) NO. 565 EUCLID AVENUE, **BERKELEY.** One-story 9 - room frame dwelling.
Owner — Mrs. Fenton. 1406 Euclid Ave., Berkeley.
Architect—W. Shiekland.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland. $7800

ALTERATIONS
(866) NO. 3759 HARRISON STREET, **OAKLAND.** Alter apartments.
Owner — Oakland Builders Co., 964 Vermont St., Oakland.
Architect—Not Given. $2000

ALTERATIONS
(867) NO. 935 ARLINGTON STREET **OAKLAND.** Alterations and addition.
Owner—Wm Hill.
Architect Not Given
Contractor—Wallace A Peterson, 7127 Weld St., Oakland $1466

STORE
(868) NO. 5333 LOWELL STREET **OAKLAND.** One-story store.
Owner—E. Eulgem
Architect—Not Given.
Contractor—Louis A. Cruz, 996 Alleen St., Oakland $1800

ALTERATIONS
(869) NO. 665 THIRTY-EIGHTH ST **OAKLAND.** Alterations.
Owner—M. Silva, Premises.
Architect—Not Given. $1250

STORE
(870) NO. 2108 HOPKINS STREET. **OAKLAND.** One-story store.
Owner — M. Steinhauff, 3009 Lynde St., Oakland.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1986

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
79	McIvor	Thrams	10,137
80	Olsen	Greenlaw	5370
80	Cuenio	Vaughn	7616

STORE BUILDING
(79) LOT 46 LAKESHORE PARK, Oakland. One-story reinforced concrete story building.
Owner—Margaret R. McIvor,
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Clarence H. Thrams, 28 Home Place, Oakland.
Filed Oct. 17, 1935; Dated Oct. 15, 1935.

Forms built and reinforcing in place	$2534
Building plastered	$2534
Completion	$2534
Usual 35 days	$2535
TOTAL COST,	$10,137

Bond, $10,000; Limit 55 days; Sureties, Fidelity & Gas Co., of N. Y.
Plans and specifications filed.

RESIDENCE
(80) LOT 26 BLK 4, Thousand Oaks Heights, Berkeley. All work for residence.
Owner—Delta Ross Olsen, San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—C. Merrill Greenlaw, 5975 Keith Ave., Oakland.
Filed Oct. 22, '35. Dated Oct. 14, '35.

Frame completed	$1342.50
Brown coat plaster on	1342.50
When completed	1342.50
Usual 35 days	1342.50
TOTAL COST,	$5370.00

Bond, $2685. Sureties, H. J. Templeton and S. G. BacBeth. Limit, 75 days. Forfeit, plans and specifications, none

RESIDENCE
(80) MOUNTAIN BLVD. near Burdeck Drive, Oakland. All work for frame residence.
Owner—Catherine Hazel Cuenin.
Architect — A. Reinhold Denke, 1429 Broadway, Oakland.
Contractor — Wiley T. Vaughn, 501 Weldon St., Oakland.
Filed Oct. 23, '35. Dated Oct. 22, '35.

Rough frame completed	$1428
Roof completed	1428
Interior plastered	1428
When completed	1428
Usual 35 days	1904
TOTAL COST,	$7616

Bond, none. Limit, 96 days. Forfeit, $5 per day. Plans and specifications filed

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Low Bidder
STORE AND APTS. Cost $4007
SACRAMENTO, Sacramento Co., Cal. Sixteenth St. N. O St.
Two-story frame and stucco apartment and store building.
Owner—Morris Coulter.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Low Bidder—L. S. Gould, 1623 O St., Sacramento.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN MATEO, San Mateo Co., Calif. Dartmouth Road.
Two-story frame and stucco apartment building.
Owner—A. R. Spenser.
Architect—Not Given.
Contractor—Henry Voelker, 805 Winchester Drive, Burlingame.

3— CHURCHES

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
HUGHSON, Stanislaus Co., Calif.
Alterations to church.
Owner — Hughson Methodist Church (Reverend John Winkley, Pastor), Hughson.
Architect — G. N. Hilburn, 1213 I St., Modesto.
Manager of Constr.—M. L. Ceranton, Hughson.

Plans Being Figured—Bids Close Oct. 28, 4:00 P. M.
HOLLYWOOD, Los Angeles Co., Cal.—Architects Douglas McLellan & Allen McGill, 805 Architects' Bldg., are taking bids from a closed, selected list of contractors for a two-story and basement concrete and gunite exterior walls church and Sunday school building (180x180 ft.) to be erected at the southeast corner of Selma and Las Palmas Aves. for the First Baptist Church of Hollywood. Will contain pipe organ, kitchen equipment, dining and banquet halls, auditorium to seat 1000 and Sunday school to accommodate 1100 persons.

CONTRACT AWARDED
RIVERSIDE, Calif.—Harman & Co., 3044 Riverside Dr., Los Angeles, awarded contract at approximately $59,153, excluding plumbing and heating work, for the construction of two new units to be added to Calvary Presbyterian Church in Riverside. Carlton M. Winslow, 1001 Architects' Bldg., Los Angeles, and Joseph Weston, 701 Cogswell Rd., El Monte, Architects.

PREPARING PLANS
SANTA BARBARA, Cal.—Architect Carleton M. Winslow, 1001 Architects' Bldg., Los Angeles, is preparing preliminary plans for a new church to be built at the northwest corner of State and Padre Sts., Santa Barbara, for the First Congregational Church; Dr. R. Arthur Basham, pastor. Cost is estimated at $45,000. The congregation has about $35,000 in funds on hand and a campaign has been launched for the purpose of raising the remaining $10,000 needed for the project.

4— FACTORIES & WAREHOUSES

Bids In—Held Under Advisement
FACTORY Cost, $50,000
NAPA, Napa Co., Calif., Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.) 175 12th St., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Announcement will be made in a few days.

Contract Awarded.
WAREHOUSE Cost, $200,000
PORTLAND, Oregon. SE Second and E. Stark Streets.
One and one-half-story and basement reinforced concrete warehouse (steam heating, electrical equipment, trucking platform with overhead doors, protected by metal awnings, air-conditioned rooms in basement, 2 electrically operated conveyors, cold storage rooms, offices, etc.
Owner—Portland Terminal & Investment Co., Sub. of U. P. R. R.
Plans by Engineering Dept. of Owner.
Lessee—Pacific Fruit & Products Co., (Russell Miller, Vice President).
Contractor — George Buckler, Lewis Bldg., Portland.

Sub Contracts Awarded
INDUSTRIAL BLDG. Cont. Pr. $19,718
SAN FRANCISCO, 23rd and Harrison Streets.
One-story and mezzanine Class C reinforced concrete industrial Bldg.
Owner—G. J. Gensler.
Architect—Leo F. Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—H. L. Petersen, 731 Treat Ave., San Francisco.
Rein. Steel—Concrete Engineering Co., 1280 Indiana St.
Structural Steel.— Western Iron Works, 141 Beale St.
Grading—Sibley Grading & Teaming Company, 165 Landers St.
Plumbing and Heating—Scott Co., 243 Minna St.
Electric—N. C. Nicklassen, 51-A Downey St.

Plans Being Figured
BOTTLING PLANT Cost, $20,000
SACRAMENTO, Sacramento Co., Cal. SW Cor. Stockton Blvd. and Miller Way.
One-story brick bottling plant (first floor concrete, 2nd, wood construction; composition roof, steel vator).
Owner—Coco Cola Co.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
C. J. Hopkinson, 1810 28th St., Sacramento is the only contractor figuring the plans.

Contract Awarded
ADDITION Cost, $3000
SAN JOSE, Santa Clara Co., Calif., 17th and Santa Clara Sts.
Addition creamery.
Owner—American Dairy, 17th and Santa Clara, San Jose.
Architect—Not given.
Contractor—Van Fleet Freear Co., 577 Howard St., S. F.

Material Bids Being Taken
PORTERVILLE, Tulare Co., Calif. Material bids are being received by J. E. Elliott, Forest Supervisors, Porterville, for construction of a shop building, 48x106 feet with concrete foundations and floors, rustic exterior walls, corrugated iron roofing ventilated with full length monitor top.
Bids will also be asked in the near future on two additional warehouses and a ten car garage.

To Ask Bids Within Few Days
DAIRY Cost, $20,000
SAN RAFAEL, Main Co., Cal, Mary Street near Fourth.
One - story reinforced concrete dairy and bottling plant (50x100 ft.)
Owner—Roberts Dairy, San Rafael.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.

To Ask Bids Shortly.
ADDITION Cost, $30,000
OAKLAND, Alameda Co., Cal. No. 1148 E-18th Street.
Two-story Class C brick addition to manufacturing plant (170x45 ft.)
Owner—Mother's Cake & Cookie Co., Premises.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland.

Plans Being Figured—Bids Close Nov. 4, 4:00 P. M.
COTTON COMPRESS UNIT Cost, $60,000
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission, B. C. Allin, Secretary).
Plans by Engineering Dept. of Owner.
Plans and specifications may be obtained from above office upon deposit of $20.

CONTRACT AWARDED
SATICOY, Ventura Co., Calif.—Rainey & MacIsaac, 6624 Stanford Ave., Los Angeles, awarded contract and will start work this week on the erection of a new lemon packing plant in Saticoy for the Del Norte Packing Co.; James D. Culbertson, manager. Roy C. Wilson, Architect, Say Road, Santa Paula. Cost, $10,000.

PLANNED
SOUTH GATE, Los Angeles Co. Cal. —Pacific Cast Iron Fitting Co.; Foy Cerny, foundry superintendent, 2605 E. 26th St., Vernon, expects to start work next January on the erection of a new factory building on the Compton-Jaboneria road, South Gate. It will be a brick structure, approximately 100x250 feet in area. Project has not yet reached the plan stage.

5— FLATS

To Be Done By Day's Work
RESIDENCE Cost, $7,000
SAN FRANCISCO, Calif., W. 29th Ave. N. Fulton St.

wo-story and basement frame and stucco flats.
wner and Builder—Chas. A. Stevens.
rchitect—Not given.
874 27th Ave.

o Be Done By Day's Work.
LTERATIONS Cost, $5000
AN FRANCISCO. No. 566, 566-A, 576 and 576-A Lombard Street.
lterations to flats.
wner — Jos. Foppoli, 290 Green St., San Francisco.
rchitect—Not Given

—GARAGES & SERVICE STATIONS

ontract Awarded.
ECONSTRUCT SERVICE STATION Cost, $—
UREKA, Humboldt Co., Calif.
econstruction of service station (concrete foundations) steel building to be shipped from Portland, Ore., and be re-erected.
wner — General Petroleum Co., 519 19th St., Oakland.
lans by Engineering Dept. of Owner.
ontractor—F. C. Stolte, 3155 Laguna Ave., Oakland.

lans Completed.
ERVICE STATION Cost, $10,000
EDWOOD CITY, San Mateo County, Calif. Post and Webster Sts.
teel service station.
wner—General Petroleum Corp., 519 19th St., Oakland.
lans by Engineering Dept. of Owner.
ids will be asked shortly.

lans Completed.
ERVICE STATION Cost, $25,000
EDWOOD CITY, San Mateo County, Bayshore between Jefferson and Middlefield Roads.
teel service station.
wner—General Petroleum Corp., 519 19th St., Oakland.
lans by Engineering Dept. of Owner.
Bids will be asked shortly.

lans Completed.
ERVICE STATION Cost, $5000
AN FRANCISCO. SW Columbus Ave. and Bay Street.
ne-story steel service station.
wner—General Petroleum Corp. of Calif., 519 19th St., Oakland.
lans by Engineering Dept. of Owner.

ontract Awarded
ERVICE STATION Cost, $8250
AN JOSE, Santa Clara Co., Calif. S. W. Lincoln and Brace Ave.
ne-story steel service station.
wner—Gilmore Oil Co. of California, Third and 18th Sts., S. F.
lans by Engineering Dept. of Owner.
ontractor — John Huggard, Rialto Bldg., San Francisco.

Contract Awarded
ERVICE STATION Cost, $2500
TOCKTON, San Joaquin Co., Calif. 1542 Pacific St.
wner—C. J. Remington.
rchitect—Not given.
ontractor—J. C. Nunley, 744 Yale St., Stockton.

7— FEDERAL BUILDINGS

OMPLETE BIDS
KETCHIKAN, Alaska. — As previously reported, Decatur Iron and Steel Co., Decatur, Alabama, at $18,406, submitted low bid to Treasury Dept., Washington, D. C., for furnishing prison equipment for the post office, court house and jail building, to be erected at Ketchikan, Alaska.
Complete bids follow:
Decatur Iron & Steel Co., Decatur, Ala. $18,806
Kyle Constr. Co., L. A. 19,851
Pacific Electric Mfg. Co., S. F. 22,991
Pauly Jail Bldg. Co., St. Louis 23,777
Stewart Iron Works, Covington, Ky 24,845
The Fries & Son Steel Con. & Eng., Covington, Ky 25,998
C. W. Olson Mfg. Co., Mpls., Minn. 31,650
Van Doren Iron Works, Cleveland, Ohio 33,667
Bids held under advisement.

BIDS WANTED
BELLINGHAM, Wash.—Until November 7, 10 a. m., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for metal and glass partitions on the third floor of the U. S. Post Office at Bellingham, Wash.
Plans and specifications may be obtained from above office.

Approved
SAN PEDRO, L. A. Co., Calif. — Treasury Department approved the award to Sterling Engineering Company for vacuum pumps for the U. S. Post Office and Custom House at San Pedro. Sarver & Zoss, 1015 W. 4th St., Los Angeles, general contractors.

Bids Wanted
WINNEMUCCA, Nevada—Until November 5, bids will be received by Custodian, U. S. Post Office, Winnemucca, for painting and repairs at the Post Office in Winnemucca.

Plans Being Prepared
BOATHOUSE, ETC. Cost, $37
EUREKA, Humboldt Co., Calif (Humboldt Bay U. S. Coast Guard Station.)
Boathouse and residence for coast guard station.
Owner—United States Government
Architect—Plans by Coast Guard Headquarters Office, Washington, D. C.
Contractor—Treasury Department has allotted $35,000 to finance construction

CONTRACT AWARDED
ASHTON, Idaho—Max J. Kuney, 419 Hutton Bldg., Spokane, at $478,838.20 awarded contract by the Bureau of Reclamation, Ashton, Idaho, for construction of the Island Park Dam of the Upper Snake River Project, under Spec. No. 632. The work is located near Island Park.

CONTRACT AWARDED
PORTLAND, Oregon—Dougan Hammond Constr. Co., Portland, at $22,885 awarded contract by the Treasury Department for miscellaneous repairs, cleaning, painting, etc., at the Custom House, Portland.

CONTRACT AWARDED
ANAHEIM, Orange Co., Calif.—Henry J. Green, 1459 Howard St., N. W., Washington D. C., at $62.00 awarded contract by Treasury Department for plaster models for the Anaheim Post Office.

BIDS WANTED
ROSEBURG, Oregon—Until November 11, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures, etc., in the U. S. Post Office, Roseburg, Oregon.
Plans and specifications may be obtained from above office.

Low Bidders.
POST OFFICE Cost, $45,150
MONTEBELLO, Los Angeles Co., Cal.
United States Post Office Building.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — W. [illegible] Ware, 7[illegible] S. Painter Ave., Whittier, (1) $4[illegible] (2) $39,400.
Second low bid was submitted by Harry F. Miller, Los Angeles, (1) $40,-660, (2) $40,000.
Complete bids will be published shortly.

BIDS WANTED
LUALUALEI, T. H. Until October 30, bids will be received by Public Works Officer, Pearl Harbor, for fire alarm system and telephone system for Lualualei, T. H. Specification No. 8013. Estimated cost, $1500

BIDS WANTED
MONTEREY, Cal.—Until November 8, 10 A. M., bids will be received by Custodian, U. S. Post Office, Monterey, for two aluminum bulletin boards for the Monterey Post Office.

CONTRACT AWARDED
PEARL HARBOR, T. H. — Ralph Woolley, Honolulu, at $563,000 awarded contract by Navy Department, Bureau of Yards and Docks, Washington, D. C., under Spec. 7474 for constructing barracks at Naval Fleet Air Base, Pearl Harbor, T. H.
Bids on all other items in same specification were rejected.

Award Recommended
OAKLAND, Calif.—Custodian U. S. Post Office, Oakland, recommended that contract be awarded to Fred J. Early, 369 Pine St., San Francisco, for furnishing and installing wood frame door to connect two offices on the second floor of the new post office Building, Oakland.

Awards Approved
SAN PEDRO, Calif.—Treasury Department approved the following building material and equipment awards for the construction of the Post Office and Courthouse in San Pedro. Sarver & Zoss, 1015 W. 4th Street, Los Angeles, general contractors.
Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water cooler and drinking fountain, Halsey W. Taylor Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; air compressor, U. S. Air Compressor Co.; boilers, Kewanee Boiler Corp.; relief valve, Mueller Co.; tube and wall radiators and concealed radiators, Am. Radiator Co.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, W. D. Cashin Co.; thermostatic traps and combination float and thermostatic traps, Warren Webster; motors for fans, Sterling Elec. Motors; lighting distribution panel, switchboard and subfeeder panels, Frank Adam Elec. Co.; r. c. wire, Hazard Insulated Wire Wks.; flush receptacles and flush switchers, Arrow-Hart & Hegeman Elec. Co.; clock system, Standard Elec. Time Co.; brass pipe, Am. Brass Co.; brass pipe, Am. Tube Wks.

BIDS WANTED
NAPA, Cal.—Until October 28, 2 P. M., bids will be received by Rodney McCormick, Custodian, U. S. Post Office, Napa, for repairs to driveway, waterproofing, etc., at the Napa Post Office.

BIDS OPENED
GOVERNMENT ISLAND, Cal. — Herman Lawson, 465 Tehama Street, San Francisco, at $966 submitted low bid to Purchasing Officer, Government Island, for four unit heaters and connections for the Coast Guard storeroom at Government Island. Complete bids follow:

Herman Lawson, San Fran. $966
Pacific Heating & Ventilating Co., Oakland 1026
Schuster & Hudson, Oakland 1037
Bids held under advisement.

Complete Bids

POST OFFICE Cost, $57,000
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Bldg.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Low Bidder — Campbell Construction Co., 951 S. Genesee St., L. A.
Complete bids follow:
Campbell Const. Co., L. A.....$48,335
Harry F. Miller, L. A. 48,800
Theo. A. Beyer Corp., L. A. 49,918
Chas. Dorfman, L. A. 50,330
L. F. Dow, Los Angeles..... 52,461
Atlas Const. Co., Pasadena.... 53,000
Robert E. McKee, L. A..... 53,100
W. H. McCune, Monrovia 54,000
Willard Lutz, Los Angeles..... 63,000
Bids held under advisement.

BIDS WANTED

SAN FRANCISCO, Calif.—Until October 24, bids will be received by Treasury Dept., Washington, D. C., for plaster models of the U. S. Mint for San Francisco.

Low Bidders

POST OFFICE Cost, $300,000
KETCHIKAN, Alaska.
U. S. Post Office and Courthouse and Jail (work complete excepting elevators).
Owner—United State Government
Plans by Supervising Architect, Treasury Dept., Washington, D. C
Low Bidder—Warrack Construction Company, McDowell Building, Seattle, Wash. (1) $278,580; (2) $317,-$500.
MacDonald Construction Co., St. Louis, Mo.: (1) $356,430; (2) $398,000.
Complete bids will be published shortly.

New Bids Wanted—To Close Nov. 22, 1:00 p. m.

POST OFFICE Cost, $83,000
SALINAS, Monterey Co., Calif.(West Alisal, Howard, Church and Lincoln Streets.
One-story reinforced concrete Post Office (140x60 ft.) tile floors in lobby, ornamental wainscoating.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
On bid opening lowest bid submitted by Leo Epp, San Francisco, at $79,220.

New Bids Wanted—To Close Nov. 27, 1 P. M.

POST OFFICE Cost, $79,200
REDDING, Shasta Co., Calif. Oregon St. bet. Placer and Yuba Sts.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
On bid opening only bid was submitted by the Dinwiddie Const. Co., Crocker Bldg., San Francisco, at $77,-000.

Building Material Approved

PHOENIX, Arizona—Treasury Department approved the following equipment and building material awards for the construction of the U. S. Post Office at Phoenix, Arizona. Great Lakes Construction Company, 333 North Michigan Ave., Chicago, Ill., general contractors.
Fan to B. F. Sturtevant Co. electric controllers for various motors to Square D. Company and oil burners to the Ray Burner Co.

New Bids Wanted—To Close Nov. 29, 1 p. m.

POST OFFICE Cost, $92,400
MARSHFIELD, Oregon.
Owner—United States Government.
Plans by Supervising Architect, Treasury Department, Washington, D. C.
Plans and specifications may be obtained from above office. On previous bid opening lowest bid was submitted by K. E. Parker Co., 135 South Park St., San Francisco, at $95,107.

Contract Awarded

BARRACKS Cont. Price, $89,572
PORT ANGELES, Wash. Coast Guard Air Station.
One-story brick barracks building (to accommodate 75 men) shop building and garage.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Contractor—A. F. Mowat, 1331 Third Ave., Seattle, Wash.

BIDS REJECTED

HONOLULU, T. H.—Treasury Department rejected all bids for painting, plaster, etc., in the U. S. Immigration Station, Honolulu, T. H. On bid opening lowest bid was submitted by W. B. Kam, Honolulu, at $2850.
Complete bids published Oct. 4.

PLANS BEING COMPLETED

WASHINGTON, D. C. — Treasury Department, Procurement Division, Public Works Branch, Washington, D. C., reports plans partially completed for the following post office buildings and quarantine stations: Ely, Nev., post office, $45,000; Phoenix, Ariz., court house, $40,000; San Diego, North Island coast guard air station, $280,000; Flagstaff, Ariz., post office, $137,000; Honolulu, T. H., quarantine station, $150,000; Los Angeles, working post office, $2,600,000; Pasadena, post office, $215 000; Santa Barbara, post office, $445,000; San Diego, post office, $410 000; Spokane, Wash., post office, $650,000; Sasabe, Ariz., border station, $17,500; Tracy, post office, $67,000

PLANNED

LOS ANGELES, Calif.—Los Angeles county supervisors this week deeded a tract of land in Hancock Park to the Eleventh Naval Reserve District as the site for an armory. Application was made several months ago for a PWA grant of $450,000 with which to finance the proposed building. It will be a two-story structure, 762x172 feet in area, containing a drill floor, gymnasium, swimming pool, classrooms, offices and library. Sketches prepared by Architects Morgan, Walls & Clements, 1135 Van Nuys Bldg.

8— CLUB BUILDINGS

Contracts Awarded

BUILDING Cont. Price $16,295
PITTSBURG, Contra Costa Co., Cal.
Cumberland St., bet. 9th and 10th.
One-story and basement frame and stucco lodge bldg. (tile and composition roofing, gas hot air heating system, hardwood floors in clubrooms and lodge rooms, gymnasium, locker rooms, kitchen in basement, etc.)
Owner—Pittsburg Lodge of Elks.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—Victor Kaufenberg, 80 E. 5th St., Pittsburg.
Heating—J. C. Owens, 1616 Carlton St., Berkeley, $850.
Complete bids published Oct. 3.

9— HOSPITALS

Plans Being Figured—Bids Close N. 16th

HOSPITAL Cost, $150 0
SALEM, Oregon. State Hosp
Grounds.
Two-story reinforced concrete hosp
building (220 x 70 feet) asbe
tile roof, tile floors, 2 chute c
veyors, dumb waters, fire escap
tile and linoleum flooring,
iron, orn. bronze, steel sash, str
tural steel, etc.
Owner—State of Washington.
Architect—Jones & Marsh, Wood
Bldg., Portland, and Creighton
Howell, U. S. Bank Bldg., Po
land, Oregon.

Completing Plans

HOSPITAL Cost, $200,
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stu
exterior, probably tile roof, ste
heating system, steel sash,
200-bed capacity.
Owner—County of Sonoma.
Architect—John I. Easterly, Excha
Bank Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County
gineer), Courthouse, Santa Ros
Plans will be submitted to the P
for approval on Oct. 22d, and u
approval bids will be asked.

CONTRACT AWARDED

NAPA, Calif.—York Ice Machin
Corp., 234 Ninth St., San Francis
at $2950 (including sales tax) award
contract by State Purchasing
partment, Sacramento, for refrige
tion at the Napa State Hospital. F
lowing are additional bids receiv
which did not include the sales t
J. N. Blair, Sacramento.....$2898
Oakland Refrigerator & Butcher
Supply Co., Oakland 2894
Cyclops Iron Works, S. F..... 2937
Creamery Package Co., L. A... 3062

CONTRACT AWARDED

KERN COUNTY, Cal. — Wm.
McKenney, 2226 Oregon Dr., Baker
field, awarded contract by the Ke
County Supervisors for a steam hea
ing and hot water system to be
stalled in the Keene Preventorium.

PREPARING PLANS

TUCSON, Ariz.—Architect C.
Birdsall is preparing plans for
prposed new units to be added to
county hospital on South Sixth Av
Tucson. The group will include
administration building, men's wa
women's ward, nurses' home a
kitchen, laundry and boiler room bui
ing. They will have adobe walls, stu
co exteriors, plastered interiors, co
crete floors and tile roofs. The s
pervisors have applid to the Wor
Progress Administration for a gro
of $127,000.

BIDS WANTED

PEARL HARBOR, T. H.—Until O
tober 30, bids will be received
Public Works Officer, Pearl Harbo
for asphalt tile floors for the Nav
Hospital, Pearl Harbor. Estimat
cost $750.

10— HOTELS

Contract Awarded

LOS ANGELES, Calif.—Wm. Simp
son Construction Co., 816 W. Fift
St., awarded contract for construct
ing a side addition to Ambassado
Hotel, 3400 Wilshire Blvd. Work wi
be started immediately. The new un
will house a cocktail room and will h
a two-story class A structure, 30x10
feet in area; structural steel fram
concrete walls and floors, air condi
tioning and heating systems, bar fix

res, etc. Claud Beelman, 1019 Un- Bank Bldg., Architect. Cost, ,000.

annad
LTERATIONS Cost, $—
EL MONTE, Monterey Co., Calif.
terations and addition to Del Monte Hotel.
wner—Del Monte Hotel Co.
rchitect—Robert Stanton, Carmel & Monterey.

2— POWER PLANTS

ONTRACT AWARDED

BONNEVILLE DAM, Oregon—Gen- al Construction Co. and J. F. Shea, enry Bldg., Portland, and Bonneville, egon, at $1,160,307.90 (Schedule III) warded contract by the U. S. Eng er Office, 2nd Portland District, rtland, for constructing the power use superstructure and Bradford land fish ladder at the Bonneville wer and Navigation Project, located miles eat of Portland on the Colum a River, under Contract No. 50.

ONTRACT AWARDED

NAVAJO CAPITAL, N. M.—Indus- al Heating & Engineering Co., Mil- aukee, Wis., at $56,632 awarded con- act by the Interior Department, rchasing Officer, Washington, D. C., der Proposal 897, for furnishing llers and auxiliary equipment for e Navajo Capital power plant.

ds Wanted

COLORADO RIVER AQUEDUCT—ntil November 19, 10 a. m., as pre- ously reported, bids will be received the Metropolitan Water District, 6 W. Third St., Los Angeles, for nstructing the Intake and Gene imping plant buildings and appurte- nt works of the Colorado River queduct. The buildings are to be of inforced concrete and steel construc- on and the switch and bus struc- res of galvanized structural steel ected on concrete foundations. Ce- nt, reinforcing steel and certain her materials will be furnished by e District.

Bids will be taken as follows:

SCHEDULE 1

Constructing the Intake pumping nt buildings and appurtenant works.

Note:—No bid will be considered for s than all the items of Schedules 2, 3, and 4. Award, if made, will be r all four schedules as one contract.

(1) 400 cu. yds. excav.; all classes, ripping slopes of loose and unsound ck;

(2) 50,000 cu. yds. excav.; all class- for pump building and control use;

(3) 16,300 cu. yds. excav.; all classes, r switch house, transformer and itch rack structures, and trenches r power and control cable systems;

(4) 34,500 cu. yds. excav.; all classes, r delivery pipes, delivery pipe sup- rts and anchors, inclined railway, d water storage tanks;

(5) 200 cu. yds. excav.; all classes, r delivery pipe gate house and surge amber, and inclined railway hoist use;

(6) 1000 cu. yds. excav.; all classes, r drainage ditches, pipe trenches, d miscellaneous purposes;

(7) 26½ lin. ft. drilling 24-in. diam. unger well for hydraulic elevator;

(8) 16,000 cu. yds. backfill; not com- acted, for all structures;

(9) 24,000 cu. yds. backfill; com- acted, for all structures;

(10) 135 cu. yd. rock fill for trans- rmer foundation;

(11) 3,090,000 sta. yds. earthwork verhaul;

(12) 4,200 lin. ft. installing anchor rs in rock;

(13) 400 lin. ft. drilling grout holes;

(14) 500 cu. ft. pressure grouting.

(15) 13,500 cu. yds. concr. in sub- structures of pump building and con- trol house, and in retaining walls ad- jacent thereto;

(16) 600 cu. yds. concr. in 69-kv. switch rack, switch house substruc- ture and transformer foundations, and power cable tunnel;

(17) 1,475 cu. yds. concr. in deliv- ery pipe supports, anchors, and en- casement, and inlinclined railway trestle foundations;

(18) 2200 cu. yds. concr. in delivery pipe gate house and surge chamber;

(19) Does not apply here;

(20) 370 cu. yds. concr. in electrical conduit envelopes;

(21) 1,300,000 lbs. fabricating and placing reinforcement steel in struc- tures of pump building and control house, and in retaining walls adjacent thereto;

(22) 45,000 lbs. fabricating and plac- ing reinforcement steel in 69-kv. switch rack, switch house substruc- ture and transformer foundations, and power cable tunnel;

(23) 27,000 lbs. fabricating and plac- ing reinforcement steel in delivery pipe supports, anchors, and encase- ment, and in inclined railway trestle foundations;

(24) 340,000 lbs. fabricating and placing reinforcement steel in deliv- ery pipe gate house and surge cham- ber;

(25) Does not apply here;

(26) 7300 lbs. fabricating and plac- inf reinforcement steel in electrical conduit envelopes;

(27) 1000 lbs. furnishing and placing galvanized anchor bolts in concrete for all structures;

(28) 5200 lbs. furnishing and placing ungalvanized anchor bolts in con- crete for all structures;

(29) 42,000 lbs. furnishing and in- stalling track rails in transformer and pump building structures;

(30) 800 lin. ft. furnishing and lay- ing track in cut or fill for inclined railway, complete with ties and bal- last;

(31) 320 lin. ft. furnishing and lay- ing track on trestle for inclined rail- way;

(32) 196,000 lbs. furnishing and in- stalling trash rack metal work in pump building substructure;

(33) 50,000 lbs. furnishing and in- stalling structural steel support for transformer hoist;

(34) 64,000 lbs. furnishing and erect- ing galvanized structural steel for 69-kv. switch and transformer racks;

(35) 37,400 lbs. furnishing and in- stalling miscellaneous iron and steel, not galvanized;

(36) 20,500 lbs. furnishing and in- stalling miscellaneous iron and steel, galvanized;

(37) 3800 lbs. furnishing and install- ing stair treads and tread plates;

(38) 200 lbs. furnishing and installing black pipe railing;

(39) 4200 lbs. furnishing and install- ing galvanized pipe railing;

(40) 949,000 lbs. furnishing and erect- ing steel delivery pipes;

(41) 236,000 lbs. furnishing and erect- ing inlet gate frames and guides, and pump inlet pipes;

(42) 11,000 lbs. furnishing and in- stalling cast steel and standard steel pipe sleeve sand thimbles;

(43) 94,000 lbs. furnishing and in- stalling cast iron pipe, fittings, floor drains, and vents;

(44) furnishing and installing rough plumbing in pump building substruc- ture (lump sum);

(45) Furnishing and installing metal toilet and shower partitions in pump building substructure (lump sum);

(46) 118 sq. ft. furnishing and in- stalling metalclad swing doors with metal frames in pump building and switch house substructures;

(47) 81 sq. ft. furnishing and in- stalling doors in pump building sub- structure;

(48) Furnishing and installing venti- lating duct work in pump building and control house substructures (lump sum);

(49) Furnishing and installing metal louvers, and steel sash and glazing, in switch house substructure (lump sum);

(50) Does not apply here;

(51) Furnishing and installing tran- site panels and barriers in switch house and pump building substruc- tures (lump sum);

(52) 20,000 ft. B.M. furnishing and erecting timber trestle work for in- clined railway;

(53) 40,500 lbs. furnishing and in- stalling metal conduit 1¼-inch and smaller;

(54) 56,500 lbs. furnishing and in- stalling metal conduit 1½-in. and larger;

(55) 500 lin. ft. furnishing and in- stalling 1-in. fibre conduit;

(56) 55,000 lin. ft. furnishing and installing 2½-in. fibre conduit;

(57) 100 lin. ft. furnishing and in- stalling 3-in. fibre conduit;

(58) 1600 lin. ft. furnishing and in- stalling 4-in. fibre conduit;

(59) 700 lbs. furnishing and install- ing copper sleeves and bars for elec- trical ground wire system;

(60) Furnishing and installing fab- ricated metal boxes for electrical sys- tem;

(60) (a) 575 lbs. boxes weighing 10 pounds or less;

(60) (b) 600 lbs. boxes weighing 10 to 25 lbs;

(60) (c) 1250 lbs. boxes weighing 24 to 25 lbs.;

(60) (d) 650 lbs. boxes weighing 40 to 60 lbs.;

(60) (e) 3850 lbs. boxes weighing over 60 lbs.;

(61) 450 lbs. furnishing and install- ing small commercial type sheet metal boxes for electrical system;

(62) 110 lbs. furnishing and install- ing small cast metal boxes for electri- cal system;

(63) Pump building superstructure including erection of crane (lump sum);

(64) Control house substructure (lump sum);

(65) Switch house superstructure (lump sum);

(66) Generator and compressor house (lump sum);

(67) Concrete water tanks (lump sum);

(68) 16,000 ton-miles hauling steel;

(69) 125,000 ton-miles hauling ce- ment;

(70) Concrete, aggregate overhaul (fixed at 10 cents per cubic yard mile).

SCHEDULE 2

Constructing the Gene pumping plant buildings and appurtenant works.

Note—No bid will be considered for less than all the items of Schedules 1, 2, 3, and 4. Award, if made, will be for all four schedules as one contract.

(1) 200 cu. yds. excav.; all classes, stripping slopes of loose and unsound rock;

(2) 54,600 cu. yds. excav.; all classes, for pump building and control house;

(3) 16,500 cu. yds. excav.; all classes, for switch house, transformers and switch rack structures, roadways, and trenches for power and control cable systems;

(4) 73,400 cu. yds. excav.; all classes, for delivery pipes, delivery pipe sup-

ports and anchors, incl ed railway, and water storage tanks;

(5) 200 cu. yds. excav.; all classes, for delivery pipe gate house and surge chamber, and inclined railway hoist house;

(6) 2200 cu. yds. excav.; all classes; for drainage ditches, pipe trenches, and miscellaneous purposes;

(7) 20½ lin. ft. drilling 24-in. diam. plunger well for hydraulic elevator;

(8) 1000 cu. yds. backfill; not compacted, for all structures;

(9) 25,000 cu. yds. backfill; compacted, for all structures;

(10) 410 cu. yds. rock fill for transformer foundation;

(11) 15,000 sta. yds. earthwork overhaul;

(12) 100 lin. ft. installing anchor bars in rock;

(13) and (14) Do not apply here;

(15) 6300 cu. yds. concr. in substructures of pump building and control house;

(16) 1100 cu. yds. concr. in 230-kv. and 69-kv. switch racks, switch house substructure and transformer foundations, and power cable tunnel;

(17) 3700 cu. yds. concr. in delivery pipe supports, anchors, and encasement, inlet manifold encasement and in inclined railway trestle foundations;

(18)1500 cu. yds. concr. in delivery pipe gate house and surge chamber;

(19) 310 cu. yds. concr. in inlet surge chamber;

(20) 460 cu. yds. concr. in electrical conduit envelopes;

(21) 404,000 lbs. fabricating and placing reinf. steel in substructures of pump building and control house;

(22) 74,000 lbs. fabricating and placing reinf. steel in 230-kv. and 69kv. switch racks, switch house substructure and transformer foundations, and power cable tunnels;

(23) 196,500 lbs. fabricating and placing reinf. steel in delivery pipe supports, anchors, and encasement, inlet manifold encasement and in inclined railway trestle foundations;

(24) 64,000 lbs. fabricating and placing reinf. steel in delivery pipe gate house and surge chamber;

(25) 121,000 lbs. fabricating and placing reinf. steel in inlet surge chamber;

(26) 9900 lbs. fabricating and placing reinf. steel in electrical conduit envelopes;

(27) 1900 lbs. furnishing and placing galvanized anchor bolts in concrete for all structures;

(28) 5200 lbs. furnishing and placing ungalv. anchor bolts in concrete for all structures;

(29) 33,300 lbs. furnishing and installing track rails in transformer foundations;

(30) 563 lin. ft. furnishing and laying track in cut or fill for inclined railway, complete with ties and ballast;

(31) 60 lin. ft. furnishing and laying track on trestle for inclined railway;

(32) and (33) do not apply here;

(34) 255,000 lbs. furnishing and erecting galv. structural steel for 230-kv. switch and transformer racks and 69-kv. switch rack;

(35) 39,000 lbs. furnishing and installing miscellaneous iron and steel, not galv.;

(36) 10,300 lbs. furnishing and installing miscellaneous iron and steel, galv.;

(37) 1720 lbs. furnishing and installing stair treads and tread plates;

(38) 400 lbs. furnishing and installing black pipe railing;

(39) 5000 lbs. furnishing and installing galv. pipe railing;

(40) 2,183,000 lbs. furnishing and erecting steel delivery pipes;

(41) 354,000 lbs. furnishing and erecting inlet manifold, branch pipes and pump inlet pipes;

(42) 13,500 lbs. furnishing and installing cast steel and standard steel pipe sleeves and thimbles;

(43) 115,000 lbs. furnishing and installing cast iron pipe, fittings, floor drains and vents;

(44) furnishing and installing rough plumbing and plumbing fixtures in pump building substructure (lump sum);

(45) furnishing and installing metal toilet and shower partitions in pump building substructure (lump sum);

(46) 130 sq. ft. furnishing & installing metal-clad swing doors with metal frames in pump building and switch house substructures;

(47) 112 sq. ft. furnishing and installing fire doors in pump building substructure;

(48) furnish and install ventilating duct work in pump building and control house substructure (lump sum);

(49) furnishing and installing metal louvres in switch house substructure (lump sum);

(50) 50 sq. yds. constructing thin partitions of metal lath and plaster;

(51) furnishing and installing transite panels and barriers in switch house and pump building substructures (lump sum);

(52) 1600 F.B.M. furnishing and erecting timber trestle work for inclined railway;

(53) 47,000 lbs. furnishing and installing metal conduit 1¾-in. and smaller;

(54) 71,000 lbs. furnishing and installing metal conduit 1½-in. and larger;

(55) 500 in. ft. furnishing and installing 1-in. fibre conduit;

(56) 64,000 lin. ft. furnishing and installing 2½-in. fibre conduit;

(57) 150 lin. ft. furnishing and installing 3-in. fibre conduit;

(58) 2100 lin. ft. furnishing and installing 4-in. fibre conduit;

(59) 700 lbs. furnishing and installing copper sleeves and bars for electrical ground wire system;

(60) furnishing and installing fabricated metal boxes for electrical system:

(60) (a) 1310 lbs. boxes weighing 10 lbs. or less;

(60) (b) 640 lbs. boxes weighing 10 to 25 lbs.;

(60) (c) 1440 lbs. boxes weighing 25 to 40 lbs.;

(60) (d) 75 lbs. boxes weighing 40 to 60 lbs.;

(60) (e) 3400 lbs. boxes weighing over 60 lbs.;

(61) 375 lbs. furnishing and installing small commercial type sheet metal boxes for electrical system;

(62) 75 lbs. furnishing and installing cast metal boxes for electrical system;

(63) pump building superstructure, including erection of crane (lump sum);

(64) control house superstructure (lump sum);

(65) switch house superstructure (lump sum);

(66) generator and compressor house (lump sum);

(67) concrete water tanks (lump sum);

(68) 8750 ton-miles hauling steel;

(69) 94,000 ton-miles hauling cement;

(70) concrete aggregate overhaul (fixed at 10c per cu. yd.-mile)

SCHEDULE 3

Constructing Gene Inlet Siphon and Trash Rack

Note—No bid will be considered for less than all the items of Schedules 1, 2, 3 and 4. Award, if made, will be for all four schedules as one contract.

(1) 11,000 cu. yds. excav., all class

(2) 27,000 cu. yds. backfill;

(3) 6500 cu. yds. compacted emban ment backfill;

(4) 6250 cu. yds. concrete in siphon

(5) 550 cu. yds. concrete in tra rack and structures;

(6) 1,261,000 lbs. placing reinf. st in siphon;

(7) 60,000 lbs. fabricating and pla ing reinf. steel in trash rack a structures;

(8) 182,000 lbs. fuprnishing and i stalling metal work for trash rack;

(9) 600 lbs. furnishing and installi miscellaneous metal work;

(10) 1400 lbs. installing miscellan ous metal work;

(11) to (67) do not apply here;

(68) 15,000 ton-miles hauling steel;

(69) 45,000 ton-miles hauling cemen

(70) overhaul of concrete aggregat (fixed at 10c per cu. yd.-mile)

SCEDULE 4

Constructing Copper Basin Siphon and Surge Tank

Note—No bid will be considered f less than all the items of Schedules 2, 3 and 4. Award, if made, will for all four schedules as one contra

(1) 5000 cu. yds. excav., all class

(2) and (3) do not apply here;

(4) 1350 cu. yds. concrete in siph barrel;

(5) 220 cu. yds. concrete in sur chamber and structures;

(6) 250,000 lbs. placing reinf. st in siphon;

(7) 25,000 lbs. fabricating and pla ing reinf. steel in surge chamber a structures;

(8) does not apply here;

(9) 7000 lbs. furnishing and insta ing miscellaneous metal work;

(10) 1000 lbs. installing miscellan ous metal work;

(11) to (67) do not apply here;

(68) 2500 ton-miles hauling steel;

(69) 8000 ton-miles hauling cemen

(70) overhaul of concrete aggregat (fixed at 10c per cu. yd.-mile).

Each proposal must be accompani by a certified or cashier's check f $150,000, payable to the Metropolit Water District of Southern Californ

Plans and specifications obtainab from the Engineer, Room 1007, 3 West Third Street, Los Angeles, up payment of $5, not returnable.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Prepared

LIBRARY Cost, $38,0

BERKELEY, Alameda Co., Calif. T Alameda.

One-story reinforced concrete libra (tile roof, hot air heating syste etc.)

Owner—City of Berkeley.

Architect—James Plachek, Mercant Bank Bldg., Berkeley.

Plans will be submitted to the PW for approval on Nov. 9th.

PLANNED

VISALIA, Tulare Co., Calif.—T of Visalia will vote at a special ele tion November 14 on a proposal as whether or not to levy a special t raise for part of the city's share the building program for the mun cipal hospital and library.

Preliminary plans prepared by Arch itect Ernest J. Kump, Rowell Bld Fresno, for the hospital, and Arch tect C. A. Balch, 1584 W. Washin ton St., Los Angeles, prepared p inary plans for the library.

Plans Completed

HALL & FIRE DEPT. Cost $50,0

MILL VALLEY, Marin Co., Calif. Two-story Class C concrete brick a stone town hall and fire depar ment (tile roof, steel sash, me

system, air conditioning system concrete floor slabs, etc.)
lath partitions, hot air heating
Owner—Town of Mill Valley.
Architect—D. E. Jackle and Walter Falch, 126 Post St., San Francisco.
Plans will be submitted to the PWA for approval Oct. 19

Contract Awarded
OAKLAND, Calif.—Aladdin Heating Corporation, 5107 Broadway, Oakland, at $1,677, awarded contract by Board of Library Directors for furnishing and installing new furnace and new blower and motor to be operated in connection with the furnace in the Alden Branch of Oakland Free Library, 52nd St. and Telegraph Ave., Oakland.

Proposal Rejected
LOS ANGELES, Calif.—PWA officials at Washington have rejected Los Angeles county's lease proposal for erecting a new $2,000,000 county office building at North Spring Street and Sunset Blvd.

BIDS OPENED
SAN FRANCISCO, Calif.—Western Asbestos Co., 675 Townsend St., at $555 submitted low bid to Department of Public Works for acoustical correction for the band practice room, No. 10, San Francisco War Memorial Bldg., Van Ness Ave. and McAllister St. Only other bid was submitted by Jones Bros. Asbestos Co., at $785. Bids held under advisement.

BIDS WANTED
SAN FRANCISCO—Until October 30, 2:30 p. m., bids will be received by Department of Public Works, Room 251 City Hall, for replacing ball bearings with sleeve bearings of gearless elevators in the City Hall. Estimated cost $1600.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265 City Hall. No deposit required.

Plans Awaiting PWA Approval.
MEMORIAL BLDG. Cost, $25,000
TUOLUMNE, Tuolumne Co., Cal.
One-story brick and concret memorial building (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.

CONTRACT AWARDED
MOJAVE, Kern Co., Cal.—Fred A. Emerson, 400 K St., Bakersfield, awarded contract by Kern County Supervisors, at $2773, for constructing a branch county jail at Mojave. Edwin J. Symmes, Haberfielde Bldg., Bakersfield, Architect.

BOND ELECTION
EL CERRITO, Conta Costa Co., Cal. City of El Cerrito will vote on November 23 (date postponed from November 5) on a proposal to issue bonds in the amount of $17,000, proceeds to finance construction of a two-story frame and stucco City Hall in El Cerrito. Total cost estimated at $27,000. Preliminary plans prepared by Architects Dragon and Schmidts, 2068 Allston Way, Berkeley.

Plans to Be Prepared.
LIBRARY Cost, $29,776
ALAMEDA, Calif., S. W. Eighth St. and Santa Clara Ave.
New branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Application filed with the PWA for a grant of $13,399.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $8,000
BERKELEY, Calif., 565 Euclid Ave.
One story frame residence (9 rooms).
Owner—Mrs. Fenton, 1406 Euclid Ave. Berkeley.
Architect—Not given.
Contractor—C. M. Teigland, 4668 Dolores Ave., Oakland.

Preparing Working Drawings
RESIDENCES Cost, $6,500
OAKLAND, Alameda Co., Calif. Head of the Lake District.
Two 2-story frame and stucco residences (7 rooms and 2 baths) gas fired steam heat, shake roof.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.

Contract Awarded
RESIDENCE Cost, $7,000
OAKLAND, Calif., 17 Contra Costa Place.
Two-story frame and stucco residence (6 rooms).
Owner—Lagnor Anderson, Richmond Blvd., Oakland.
Contractor—Paul H. Haeler, 1221 Buena Vista Ave., Oakland.

Finish Hardware Contract Awarded
RESIDENCE Cost, $7,500
SAN FRANCISCO, Ashbury Terrace.
Two-story frame residence (Colonial style) 8 rooms, 2 baths; composition shingle roof, gas hot air heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Dr. Anderson.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Contractor—F. K. DuPuy, 110 Sutter.
Finish Hardware—Marshall Newell & Co., Spear and Mission Sts.
Other awards previously reported.

To Be Done By Day's Work
ALTERATIONS Cost, $3,000
SAN FRANCISCO, Calif., 829 43d Avenue.
Alterations to residence.
Owner—M. Wolper, 137 9th Ave.
Architect—Not given.

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO, Calif., E. 31st Avenue, 163 S. Vincente St.
One-story and basement frame and stucco residence.
Owner and Builder—F. H. Thorinson, 1630 Ocean Ave.
Architect—Not given.

To Be Done by Day's Work
RESIDENCE Cost, $4500
SAN FRANCISCO, Calif., E. 29th Ave. S. Irving St.
One-story and basement frame and stucco residence.
Owner and Builder—A. Hallgren, 1594 29th Ave.
Architect—Not given.

To Be Done By Day's Work
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif., SE 17th Ave. & Ortega St.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, 320 Judah St.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO, Calif., S. Leo St. 175 ft. W. Misston.
One-story and basement frame and stucco residence.
Owner—F. Lissetto, 20 Ruth St.
Architect—not given.
Contractor—J. Galva, 41 Alvard St.

October 23, 1935

To Be Done By Day's Work
RESIDENCE Cost, $4,000
SAN FRANCISCO, Calif., E. 23d Ave. 150 ft. N. Noriega St.
One-story and basement frame and stucco residence.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $11,000
FRESNO, Calif., 3426 Huntington St.
Two-story and basement frame and stucco residence.
Owner—D. N. Carlson, 3862 Kerckhoff St., Fresno.
Architect—Not given.
Contractor—Trewhitt-Shields Co., 1501 Pacific Southwest Bldg., Fresno

Contract Awarded
RESIDENCE Cost, $5,500
SACRAMENTO, Calif., 731 36th St.
One-story and basement frame and stucco residence.
Owner—Wm. A. Stone.
Architect—Not given.
Contractor—F. H. Betz, 2042 Markham St., Sacramento.

Plans Being Completed.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Twenty-ninth Ave. and Cabrillo St.
Three one-story and basement frame and stucco residences (5 rooms each) tile and tar and gravel roofs, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner and Builder— Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Sub-Bids Being Taken.
RESIDENCES Cost, $6000
SAN FRANCISCO. NE 11th Ave. & Kirkham St.
One-story and basement frame and stucco residence (five rooms) tile roof, gas heating system, wood sash, tile bath, hardwood floors.
Owner and Builder—M. McDonough, 148 Randall Street.
Architect—C. O. Clausen, 745 46th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7500
PALO ALTO, Santa Clara Co., Calif. No. 460 Amherst Street.
One-story frame and stucco residence
Owner—David Snedden, Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor — George B. Moore, 531 Stanford Ave., Palo Alto.

Bids Opened.
RESIDENCE Cost, $7700
STOCKTON, San Joaquin Co., Calif. W. Harding Way.
One-story and basement frame and stucco residence (6 rooms).
Owner—Curtis Clark.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Low Bidder—E. Merlo, Rt. 2, Box 233, Stockton.
Complete bids follow:

E. Merlo	$7700
F. C. Hunt	7753
B. T. Parsons	$390
I. Cotner, Modesto	$443
J. C. Meyers	$550

All of stockton unless otherwise noted.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S. Pacheco St. 154 W. Oriole Way.

One-story and basement frame and stucco residence.
Owner and Builder—Manuel Barraza 1440-A Hyde St., San Francisco
Architect—Not Given.

Contract Awarded.
RESIDENCE & GARAGE $6000
BERKELEY, Alameda Co., Cal. No. 421 Spruce Street.
Two-story six-room frame residence and garage.
Owner and Builder—W. A. Netherby. 3853 Lyman Road, Oakland

Construction Postponed Indefinitely.
RESIDENCE Cost, $8500
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and brick residence (7 rooms and 2 baths), shingle roof, gas heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Dr. Winston S. Harrison.
Architct — J. V. Norris, Claremont Hotel, Berkeley.
(7837) 1st report Aug. 30, 1935. 14 October 24, 1935

Contract Awarded.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No 1939 Thirty-eighth Avenue
One-story and basement frame and stucco residence (5 rooms)
Owner—M. Rodeques
Architect—Not Given.
Contractor—C. Tollifsen, 3311 E-17th St., Oakland.

Contract Awarded
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Castro Valley District.
Two-story frame and stucco residence.
Owner—Mr. Konts.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland.
Lumber—California Mill & Lumber Co., 1829 Webster St., Alameda.
Concrete — L. M. Rasmussen, 1442 102nd Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $7616
OAKLAND, Alameda Co., Cal. Mountain Blvd.
One and one-half story and basement frame and stucco residence (7 rms. 3 baths) shake roof, hardwood floors, gas heating system, wood sash, etc.
Owner—Catherine Hazel Cuenin.
Architect—A. R. Denke, 1429 Broadway, Oakland.
Contractor—Willie T. Vaughn, 501 Weldon Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $1500
SAUSALITO, Marin Co., Calif.
One-story frame residence.
Owner—Leslie F. Neal, Sausalito.
Architect—Not given.
Contractor—Frank V. Airey, Stinson Beach.

Contract Awarded
RESIDENCE Cost, $17,166
KENTFIELD, Marin Co., Calif.
Two-story frame and stucco residence.
Owner—Elizabeth Kent, Kentfield.
Architect—Not given.
Contractor—Robert Watson, 15 Yolando St., San Anselmo.

Contract Awarded
RESIDENCE Cost, $1500
VALLEJO, Solano Co., Cal.
One-story and basement frame and stucco residence (6 rooms, 1 bath and one lavatory) shingle roof, wood sash, tile bath, hardwood floors, etc.
Owner—Paul Wurdig.
Architect—Ray Keefer, 770 Wesley St, Oakland.
Contractor—Irwin H. Reimers, 831 Sonoma Way, Vallejo.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club Area.
Two-story and basement frame and stucco residence (12 rooms and 5 baths); shake roof, oil heating system, wood sash, hardwood floors, linoleum in baths, etc.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.
Announcement will be made within a few days.

Plans Being Prepared.
RESIDENCES Cost, $4500 each
SAN FRANCISCO. Twenty-ninth Ave. and Anza Street.
Four one-story and basement frame and stucco residences (5 rooms); tile, tar and gravel roofs, gas heating systems, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — C. O. Clausen, 746 48th Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Cal.
Two-story frame, stucco and brick veneer residence (6 rooms).
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.

To Be Done By Day's Work
RESIDENCE Cost, $5000
ALAMEDA. Calif. 3110 Thompson Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner—W. L. LeBlanc, 1727 Santa Clara Ave., Alameda.
Architect—None.

Preparing Working Drawings.
RESIDENCE Cost, $7000
SAN FRANCISCO. St. Francis Wood
Two-story frame and stucco residence 7 rooms and 2 baths); tile and composition roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Bids will be asked in about one week.

Contract Awarded
ADDITION Cost, $1,000
BERKELEY, Alameda Co., Calif., 455 Boynton Ave.
Alterations and additions to residence (add basement rooms and private garage, etc.)
Owner—Wm. F. Morrish.
Architect—James Placheck, Mercantile Bank Bldg., Berkeley.
Contractor—Frank Steadco, 3206 Boise St., Berkeley.

Plans Being Figured
RESIDENCE Cost, $5000
SAN FRANCISCO, Calif. S. E. Silver and Oxford Sts.
One-story and basement frame and stucco residence (5 rooms) tile and composition roof, wood sash, gas heating system, hardwood floors, tile bath, etc.
Owner—Sam Filllpo.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Figured
RESIDENCE Cost, $5000
SAN FRANCISCO. Faxton Ave. (Westwood Park).
One-story and basement frame and stucco residence (5 rooms) tile and composition roof, wood sash, gas hot air heating system, hardwood floors, tile bath, etc.
Owner—John Johnson.
Architect—D. E. Jaekle, 126 Post St.

To Ask Bids Within One Week
RESIDENCE Cost, $6000
ATHERTON, San Mateo Co., Calif.
One-story and basement frame and stucco residence (6 rooms, 2 baths) English type, heavy shingle roof gas heating system, wood sash, hardwood floors, tile baths, separate garage, etc.
Owner—Name withheld.
Architect—D. E. Jaekle, 126 Post St

Sub Bids Being Taken
SAN FRANCISCO, Forest Hill.
RESIDENCE Cost, $——
One-story and basement frame and stucco residence (6 rooms and 2 baths) brick veneer exterior, shingle tile roofing, wood and steel sash, gas heating system, tile baths, (Monterey Colonial type).
Owner and Builder—D. Tiscornia, 1651 Alemany Blvd., San Francisco.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Figured—Bids Close Oct. 30, 2 P. M.
RESIDENCE Cost, $18,000
ROSS, Marin Co., Calif. Del Mesa District.
Two-story and basement frame and stucco residence (9 rooms, 4 baths) shake roof, oil burning heating system, wood sash, hardwood floors, tile baths, etc
Owner—M. J. Sloss.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Following will submit bids: Melvin Klyce, 34 Eugene Ave., Mill Valley; J. H. Ches 125 Eldridge, Mill Valley; Leibert Trobock, 510 B St., San Rafael; Siemer & Kendall, 128 Calumet Ave., San Anselmo; Moore & Roberts, 693 Mission St., San Francisco; George Maurer, 50 York Drive, Piedmont; S. J. Bertelsen, 30 Estrella, Piedmont; William Martin, 666 Mission St., San Francisco; J. Messenger, 1507 Lincoln Ave., Berkeley.

Contract Awarded
RESIDENCE Cost. 8,000
SAN FRANCISCO, Seacliff.
Two-story residence (7 rooms and 2 baths) colored tile baths and plumbing fixtures, hardwood floors wood sash, elevator, gas fired steam heat, composition and shingle roof.
Owner—Dr. Harry Spiro.
Architect—Sidney A. Colton, 544 Market St., San Francisco.
Contractor—H. H. Isaac, 517 Bonderere St.

To Ask Bids Within One Week
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal., Bowling Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. C. Cheek.
Architect — Roland I. Stringham, 525 Market St., San Francisco.

Contract Awarded
RESIDENCE Cost. $——
MODESTO, Stanislaus Co., Cal. Leslie Hughes Tract.
One - story California Colonial residence (5 rooms, 1 bath) wood and steel sash, hardwood floors gas hot air heat; alternate bids will be taken for shingle and tile roofing.

Owner—A. B. Rinehart, 1624 Morris Ave., Modesto.
Architect—Victor Galbraith, 211 East Acacia, Stockton.
Contractor—C. D. Meissner, 1130 [illegible] Ave., Modesto.

Plans Being Completed
RESIDENCE Cost, $—
LODI, San Joaquin Co., Calif
One-story and basement frame residence (6 rooms, 1 bath) shake or shingle roof, verticle boarding, hardwood floors, tile bath, wood sash, 2 car garage, etc. California Ranch type.
Owner—Name witheld.
Architect—Victor Galbraith, 211 E. Acacia St., Stockton.
Bids will be asked in about one week.

Plans Being Figured—Bids Close Oct. 23, 2 P. M.
RESIDENCE Cost, $—
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, gas or oil heating system, color tile baths, etc.
Owner—Dr. Jacobus, 344 Vecente Rd. Berkeley.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.

Plans Being Figured—Bids Close Oct. 21st
RESIDENCE Cost, $—
AVENAL, Kings Co., Calif.
Two one-story frame and stucco residences (6 rooms each) composition shingle roofs, hardwood floors, etc.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner
Plans and specifications on file at 6[illegible] Market St., San Francisco, Mattel Bldg., Fresno and Bank of America Bldg., Bakersfield.

Preparing Working Drawings
RESIDENCE Cost $—
HILLSBOROUGH, San Mateo Co., Calif.
One - story frame and stucco residence (7 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, tile baths. Rambling type.
Owner—F. H. McCrea.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids will be asked in about three weeks.

Preparing Working Drawings
RESIDENCE Cost, $—
SAN FRANCISCO. Pacific and Pierce Streets.
New residence.
Owner—Mortimer Fleischacker.
Architect—W. W. Wurster, 260 California St.

Contract Awarded
RESIDENCE Cost, $—
RICHMOND, Contra Costa Co., Calif., Mira Vista Highlands.
Two-story frame and stucco residence (seven rooms, two baths) two lavatories, double garage, shingle roof, gas heating system, steel sash, hardwood floors, tile baths.
Owner—Albert S. Adcock
Architect—J. H. Thomas, 31 Norwood Ave., Berkeley.
Contractor—George Tandy, 673 38th St., Richmond.

Contract to Be Awarded
RESIDENCE Cost, $5,000
HAYWARD, Alameda Co., Cal. Sunset Boulevard.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Withheld.
Architect—Geo. P. Simonds, 197 Main Street, Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, Calif., Portola Drive.
One story and basement frame and stucco residence.
Owner—C. R. Peterson, 1815 Ivy St., San Mateo.
Architect—Not given.
Contractor—Louis J. Roberts, 121-A Carlet St., San Francisco.

Sub Bids Being Taken
RESIDENCE Cost, $7500
PIEDMONT, Ala. Co., Calif., 590 Blair Ave.
Two-story and basement frame and stucco residence (7 rooms).
Owner and Builder—Sigwald Bros., 916 Alma Ave., Oakland.
Architect—Ray Keefer, 770 Wesley Ave., Piedmont.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
SAN FRANCISCO. NE Twenty-fifth and Ocean Aves.
Two-story frame and stucco residence
Owner & Builder—Tlex Demey, 4105 Lincoln Way, San Francisco.
Architect — Albert R. Williams, 251 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Revere St. 175 E Griffin Street.
One-story and basement frame and stucco residence.
Owner & Builder—Leggalet & O'Neil, 1099 Quesada St., San Francsico.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Twenty-fourth Ave. S Moraga St.
One-story and basement frame and stucco residence.
Owner and Builder—Frank J. Shannon, 100 Putnam St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. E Thirty-second Ave. 225 N Moraga Street.
Owner and Builder—Christian Andersen, 146 Granville Way., S. F.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5526
SACRAMENTO, Sacramento Co., Cal. Lot 209, Tract 33, Wright & Kimbrough Addition.
Two-story frame and stucco residence
Owner—Wm. J. and Hester F. Stone.
Architect—Not Given.
Contractor—F. H. Betz, 1017 43rd St., Sacramento.

Bids In—Held Under Advisement.
ALTERATIONS Cost, $—
SAN FRANCISCO. No. 2980 Vallejo Street.
Alterations to residence.
Owner — Martin Stelling, 155 Montgomery St., San Francisco.
Architect—Erle B. Bertz, 681 Market St., San Francsico.
Announcement will be made within a few days.

To Be Done By Day's Work.
STORE & RESIDENCE $5000
SAN FRANCISCO. N Taraval St. 86 E 15th Avenue.
Two-story frame and stucco store and residence.
Owner — Carl F. Wagner, 2320 16th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Twenty-second Ave. N Wawona St.
Two one-story and basement frame and stocco residences.
Owner and Builder — Land Development Co., 364 Bush St., S. F.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. N Kirkham St. 96 W Seventeenth Ave.
One-story and basement frame and stucco residence.
Owner and Builder—Henry Doelger, Inc., 320 Judah St., San Francisco.
Architect—Not Given.

October 21, 1935

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Seventeenth Ave. S Ortega Street.
Eight one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger, Inc., 320 Judah St., S. F.
Architect—Not Given.

Plans Being Figured—Bids Close Oct. 28, 6 P. M.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. Piedmont Pines.
One-story and basement frame and stucco residence (five rooms.)
Owner—Withheld.
Architect — J. K. Ballantine, 137 Harlan Place, San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
PITTSBURG, Contra Costa Co., Cal. Donovan Pass Road.
Two-story frame and stucco residence (8 rooms).
Owner—Rudolph Bode, % C. A. Hooper & Co., Pittsburg.
Plans by S. W. Band.
Conaractor—S. W. Band, 1800 17th Ave., San Francisco.

Sub Bids Being Taken
RESIDENCES Cost, $8000 each
VALLEJO, Solano Co., Cal.
Two 2-story frame and stucco residences.
Owner—Names withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—Irwin H. Reimers, 831 Sonoma Way, Vallejo.

Plans Being Completed
RESIDENCE Cost, $12,500
OAKLAND, Calif., Claremont Pines.
Two-story and basement frame and stucco residence (8 rooms, 3 baths). Spanish style, tile roof, steel sash, oak plank floors, hot air heating system, etc.
Owner—Name withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Bids will be asked in about one week.

Sub-Bids Being Taken.
RESIDENCE Cost, $—
HILLSBOROUGH, San Mateo County Calif. W Santa Inez Way.
Two - story and basement residence 9 rooms, 3 tile baths, shingle roof gas hot air heating system, etc.
Owner—Mr. Knapp.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Oscar Cavanagh, 423 Occidental Ave., San Mateo.

Plans Being Revised.
RESIDENCE Cost, $8000
MARYSVILLE, Yuba Co., Cal.

to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District
Architect — W. E. Coffman, Forum Bldg., Sacramento
Plans awaiting approval of the State Division of Architecture.

Preparing Working Drawings.
SCHOOL Cost, $25,454
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school building (2 classrooms and auditorium to seat 200) steam heating system, etc.
Owner—Mt. George Union Elementary School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans will be sent to State Division of Architecture for approval in about one week.

PLANS COMPLETED
BREA, Orange County, Calif.—Architect T. C. Kistner, 814 Architects' Bldg., Los Angeles, has completed working drawings for reconstruction, rehabilitation and strengthening of the main building and domestic science unit at the Brea Grammar school site, Brea.

LOW BIDDER
LONG BEACH, Calif.—C. Haverlandt, 1625 E. 6th St., Long Beach, submitted low bid to Long Beach board of education at $64,750 (using salvaged materials), and at $72,985 (using new materials), for the construction of the Longfellow elementary school. Harold E Burket, Jergins Trust Bldg., Long Beach, architect.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Moe & Smith, 10 E. Sola St., Santa Barbara, awarded contract by Santa Barbara board of education at $18 682.28 for repairs and alterations to the Jefferson school in Santa Barbara. The east portion of the building is to be removed and replaced with lighter concrete and steel construction, strengthening walls and replacing the tower Associated Architects of Santa Barbara, 116 E. Sola St., Santa Barbara, prepared the plans.

CONTRACT AWARDED
WILMINGTON, Los Angeles Co., Calif.—John W. Flanagan, 1723 W. 62nd St., Los Angeles, awarded contract by Los Angeles board of education at $47,832, for the reconstruction, rehabilitation and strengthening of building No. 1 at the Fries Avenue school, 1301 Fries Avenue, Wilmington. Henry F. Withey, 500 S. Westlake Ave., Los Angeles, architect.

Preparing Sketches.
MANUAL TRAINING SHOP
MONTEREY, Monterey Co., Cal. Pacific Street.
One-story fireproof manual training shop (forge).
Owner—Monterey Elementary School District.
Architect—Roland Stringham & John Evers, 525 Market St., S. F.

Preparing Working Drawings.
ADDITIONS Cost, $150,000
BAKERSFIELD, Kern Co., Calif.
Additions to high school plant (add music department, add second story on agriculture building for 5 classrooms, girls' dressing room in basement, gymnasium, new shops, etc.)
Owner—Bakersfield Union High School District.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

Preparing Working Drawings
SCHOOL Cost, $20,000
CONCORD, Contra Costa Co., Calif.
One-story frame and stucco school (3 classrooms, library, offices and toilet facilities) tile roof, steam heating system, wood floors, etc.
Owner—Clayton Valley School District.
Architect—E. W. Cannon, 81 Echo St., Oakland.

BIDS WANTED
LOS ANGELES, Cal.—Until Nov. 8, 2 P. M., bids will be received by Los Angeles Board of Education for construction of Unit No. 1 at the Sixty-first Street School, 6050 S. Figueroa St. Cost, $55,000. A. S. Nibecker Jr., architect.

NEW BIDS WANTED
VENICE, Los Angeles Co., Cal.—Until November 1, 2 P. M., bids will be received by Los Angeles Board of Education Purchasing Bureau, 1425 S. San Pedro St., for new shop buildings No. 2 and No. 3 to be built at the Venice High School, 13,000 Venice Blvd. Harry F. Miller was low bidder at $87,211 at previous bid opening. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., Architects.

BOND ELECTION
WALNUT GROVE, Sacramento Co., Cal.—Walnut Grove School District will vote on November 8, on a proposal to issue bonds in the amount of $38,000, proceeds to finance construction of improvements to school buildings in Walnut Grove.

Plans Being Figured—Bids Close Nov. 7, 9 A. M.
SCHOOL Cost, $——
MERRILL, Oregon.
High school building with gymnasium.
Owner—Klamath County School District (Jean K. Porter, Clerk.)
Architect—Howard R. Perrin, Underwood Building, Klamath Falls, Oregon.

Plans Being Figured—Bids Close Nov. 7, 9 A. M.
HIGH SCHOOL Cost, $——
BONANZA, Oregon.
High School building with gymnasium.
Owner—Klamath County School District (Jean K. Porter, Clerk.)
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Oregon.

Plans Being Figured—Bids Close Nov. 7, 9 A. M.
SCHOOL Cost, $——
MALIN, Oregon.
Gymnasium addition to high school.
Owner—Klamath County School District (Jean E. Porter, Clerk).
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Oregon.

Plans Being Figured—Bids Close Nov. 4, 11 A. M.
ADDITION Cost, $——
BREKELEY, Ala. Co., Calif.—Campus of University of California.
One-story annex to Architectural library building. (Reinf. concrete construction.)
Owner—University of California.
Architect—Walter Steilberg, Stafford Jory, Warren C. Perry, and W. G. Corlett.
Plans and specifications may be obtained from the Cashier, Room 106, California Hall, Berkeley, upon deposit of $25.00.

Plans Being Completed
GYMNASIUM Cost, $69,000
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (tile and gravel roof, concrete floors, steam heating system, etc.)
Owner—Nevada City High School District.
Architect—William Mooser, Monadnock Bldg., San Francisco.
Plans will be submitted to the PWA for approval in about one week.

No Bids Received
HUGHSON, Stanislaus Co., Calif.—No bids were received by Hughson Elementary School District, for erection of boiler room addition to present grammar school.
George C. Selion, California State Life Bldg., Sacramento, architect.
Whether new bids will be asked or not is not determined at this time.

Plans Awaiting PWA Approval
GYMNASIUM Cost, $46,679
MADERA, Madera Co., Cal
New gymnasium.
Owner — Madera Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento
Upon approval of plans, bids will be asked. Grant of $21,000 approved by the PWA.

BOND ELECTION
REDDING, Shasta Co., Cal.—Redding Grammar School District has set November 22 as a tentative date to vote bonds in the amount of $50,000, proceeds to finance construction of a one-story brick and steel grammar scrool to contain 12 classrooms and auditorium. Total cost of project is $72,0000. Preliminary plans prepared by Architect Jens C. Petersen, 812 26th St., Sacramento.

Preparing Plans.....
MUSIC BLDG. Cost, $18,360
PETALUMA, Sonoma Co., Cal. Petaluma High School.
One-story frame and stucco music building at the High School (54x 34 feet), 6 practice rooms, storerooms for instruments, heating room, rest room, etc.
Owner—Petaluma High School Dist.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Grant of $8262 approved by the PWA.

Plans Being Completed.
SCHOOL Cost, $28,000
DEL PASO, Sacramento Co., Calif.
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans will be sent to the State Division of Architecture for approval in about one week.

LOW BIDDER
LOS ANGELES, Calif.—K. R. Bradley Construction Co., 133 W. Pico St., submitted low bid to Los Angeles board of education at $58,300, for reconstruction, rehabilitation and strengthening of the girls' physical education building at John Burroughs junior high school, 600 McCadden Place. Arthur R. Hutchason, 1001 Architects' Bldg., Architect; and R. McC. Beanfield, Chamber of Commerce Bldg., Structural Engineer.

LOW BIDDERS
LONG BEACH, Calif.—Myers Bros., 3407 San Fernando Rd., Los Angeles, submitted low bid to Long Beach board of education at $98,400 (using salvaged materials), and at $107,400 (using new materials), for the construction of the Theodore Roosevelt school. Other low bids were: American Engineers & Contractors, Ltd., 3063 Oregon St., Los Angeles, heating, $4,274; C. H. Warner, 214 Willowbrook

Two-story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, oil burner heating system, wood sash, hardwood floors, tile baths.
Owner—G. H. Ottney.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
SAN MATEO, Calif., Avilla Way.
One-story and basement frame and stucco residence.
Owner—M. Chapman.
Architect—Not given.
Contractor—George W. Williams Co., 315 Primrose Road, Burlingame.

Preparing Working Drawings
RESIDENCE Cost, $——
PASITIEMPO, Santa Cruz Co., Cal.
Two-story wood frame residence (8 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, tile baths, etc.
Owner—O. M. Lombardi.
Architect—W. W. Wurster, 260 California St., San Francisco.
Bids will be asked in about three weeks.

15— SCHOOLS

Bids Wanted
(Bids to be opened Nov. 12, 7:30 P. M.)
BUTTONWILLOW, Kern Co., Calif. Until November 11, bids will be received by P. A. Dunford, Clerk, Buttonwillow School District for furnishing and installing nine natural gas floor furnaces (Payne or equivalent) each having 50,000 B.T.U. input; six thermostatic controls (Minneapolis-Honeywell or equivalent) with ½ in. valves; one thermostatic control (Minneapolis-Honeywell or equiv.) with ¾ in. valve.
Specifications may be obtained from the above office.

Plans Being Completed
SCHOOL Cost, $129,000
SALEM, Oregon.
Two-story reinforced concrete school (188x238 ft.) (12 classrooms, library, music room, shop, aud. to seat 600), brick veneer exterior, terra cotta, steam heat, maple and concrete slab floors, acoustical treatment, structural steel, temperature regulators, etc.
Owner—School District 24, Marion County.
Architect—F. H. Struble, Guaranty Bldg., Portland, Oregon.

To Ask Bids
SANTA BARBARA, Calif.—Santa Maria Union High School District will call for bids about November 1 for the first unit of a new junior college plant to be built in Santa Maria, a PWA project. A grant of $22,905 was recently approved for the project, total cost of which is estimated at $50,900. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, architect.

Bids Wanted
LONG BEACH, L. A. Co., Calif.—Until November 1, 4 p. m., bids will be received by Long Beach board of education for the construction of Units A, B and C at the Lincoln Elementary school site. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25.
Kirtland Cutter, Farmers & Merchants Bank Bldg., Architect and J. H. Davies, structural engineer, Ocean Center Bldg., Long Beach.

Plans Being Completed.
SCHOOL Cost, $16,500
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval in about one week.

Plans Completed.
GYMNASIUM Cost, $45,000
TUOLUMNE, Tuolumne Co., Calif.
One-story reinforced concrete high school gymnasium.
Owner—Summerville High School District.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Plans have been forwarded to State Division of Architecture, Sacramento, for approval.

BONDS DEFEATED
LAFAYETTE, Contra Costa Co., Cal.—Lafayette School District defeated bond issue in the amount of $27,000 October 18. Proceeds were to have financed construction of a new school in Lafayette.

Plans Being Prepared
SCHOOL Cost, $25,000
ORICK, Humboldt Co., Calif.
One-story school building (two classrooms, typing dept., chemistry laboratory, lunch room, kitchen).
Owner—Orick Elementary School Dist.
Architect—Frank T. Georgeson, Eureka.
Bids will be asked about Nov. 22.

LOW BIDDER
LONG BEACH, Los Angeles Co., Cal.—C. Haverlandt, 1625 E. 5th St., Long Beach, submitted low bid to Long Beach board of education at $64,750 (using salvaged materials), and at $72,685 (using new materials), for construction of Longfellow elementary school. Harold E. Burket, Jergins Trust Bldg., Long Beach, architect.

BIDS WANTED
LONG BEACH, Calif. — Until November 1, 4 p. m., bids will be received by Long Beach Board of Education for the construction of Units A, B, and C at the Lincoln Elementary school site. Plans and specifications may be obtained from the business manager of the board, 715 Locust Ave., Long Beach, upon deposit of $25.
Kirtland Cutter, Farmers & Merchants Bank Bldg., architect, and J. H. Davis, structural engineer, Ocean Center Bldg., Long Beach. Cost, $90,000.

CONTRACT AWARDED
LOS ANGELES, Calif.—Myers Bros. 3407 San Fernando Rd., Los Angeles, awarded general contract by Long Beach Board of Education at $98,400 (using salvaged materials) for construction of the Roosevelt elementary school. Geo. Kahrs, 1224 Linden Ave., Architect, and J. H. Davies, structural engineer, Ocean Central Bldg., Long Beach.

Preliminary Plans Awaiting Approval
GYMNASIUM Cost, $145,000
SAN FRANCISCO, Frederick and Willard Sts.
One-story steel frame, brick and terra cotta gymnasium. (Polytechnic High School.) (Concrete side walls and floors, etc.) locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer—H. C. Vensano, 251 Kearny St.
Preliminary plans have been forwarded to State Division of Architecture, Sacramento, for approval.

Plans Being Prepared
HIGH SCHOOL Cost, $85,000
GUSTINE, Merced Co., Calif.
New high school (four classrooms, auditorium to seat 500, cafeteria.)
Owner—Gustine Union High School District.
Architect—W. G. Corlett and E. A. Huss, Bank of America Building, Oakland.
Application filed with the PWA has been approved.

Bids Rejected
FLAGSTAFF, Arizona — Arizona State Teachers' College, Flagstaff, Ariz., rejected all bids received October 11 for a women's dormitory and dining hall, including alterations and additions to the central heating plant, to be built on the college campus in Flagstaff, a PWA project. According to Dr. E. C. Silpher, secretary of the board of trustees, the project will be readvertised soon. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, architects.

Bids Wanted
TUCSON, Arizona—Until 12 Noon, November 4, bids will be received by University of Arizona for a machinery building, meats laboratory, smoke house, office building, stock barn, dairy barn, water tower, water mains and improvements to dairy barn and milk house on the University Farms, located about four miles northeast of Tucson. Plans and specifications may be obtained from Architect Henry O. Jaastad, 103 Miltenberg St., Tucson, upon deposit of $15 for each set of plans and $15 for each set of specifications.

Construction Under Way
SCHOOL Cost, $36,975
ALBANY, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley.

Plans Awaiting PWA Approval
GYMNASIUM Cost $46,679
MADERA, Madera, Co., Cal.
One-story concrete new gymnasium.
Owner—Madera Union High School District.
Architect — E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.

Plans Being Figured—Bids Close Nov. 5, 8 p. m.
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Cal. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
On previous bid opening lowest bid was submitted by Lawrence Const. Co., Sacramento, at $26,350.

Plans Completed.
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium

Ave., Compton, plumbing, $6,721.40; Baty Electric Co., 412 E. Fourth St., Long Beach, electric wiring, $8,894. George Kahrs, 1234 Linden Ave., Architect; and J. H. Davies, Ocean Center Bldg., Long Beach, Structural Engineer.

16— BANKS, STORES AND OFFICES

Plans Being Completed.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. SE First and Williams Streets.
Alterations to store building.
Owner—Robineon & Sons Co., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Bids will be asked in about two weeks.

Contract Awarded.
RE-ROOF Cost, $——
VALLEJO, Solano County, Calif., 242 Georgia Street.
Construct new roof on the Vallejo Commercial Branch of the Bank of America.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Construction Dept. of Owner.
Contractor — Johns Manville Sales Corp., 159 New Montgomery St., San Francisco.

Plans Being Figured
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Calif. NW Nineteenth and Broadway.
Alterations for broadcasting studio (move partitions, acoustical work, soundproofing, electrical equipment, tile walls, etc.)
Owner—KROW (Educational Broadcasting Co.), Oakland.
Enginer—C. E. Downey, 1803 Franklin St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. No. 1429 Broadway.
Alterations to building.
Owner—American Trust Co, 14th and Broadway, Oakland.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—George Swanstrom, 1615

BIDS WANTED
SAN FRANCISCO, Calif. — Until October 30, 2:30 p. m., bids will be received by Department of Public Works, Room 251 City Hall, for alterations to Assessor's Office, City Hall. Estimated cost $4500.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 265, City Hall, upon deposit of $5.

CONTRACT AWARDED
ALTERATIONS Cost, $4,376
SALINAS, Monterey Co., Calif., 171 Main St.
Alterations for a cocktail lounge
Owner—Walter Blechop and A. Swenson, Salinas.
Architect—Albert R. Williams, 251 Post St., San Francisco.
Contractor—J. B. Steur (Woodcraft Mfg. Co., 45 Hallam St., San Francisco.

Plans Being Completed
BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One - story and basement reinforced concrete bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Bids will be asked in about a week.

Bids In
ALTERATIONS Cost, $——
SAN FRANCISCO, California, California & Montgomery Sts.
Replace terrazzo in corridors, marble work and rubber tile.
Owner—Capital Company, 625 Market Street.
Architect—Plans by Construction Department of owner.
Announcement will be made within a few days.

Contract Awarded
STORE & OFFICES Cost, $15,045
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg. (54x50 feet) composition roofing, Oregon pine floors, steel sash.
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 20th St., Sacramento.
Contractor — Frank Schmerschal, Placerville.

Low Bidder.
OFFICE BLDG. Cost, $240,000
SAN FRANCISCO. Otis and McCoppin Streets.
Two-story and basement steel frame office building, face brick exterior, terra cotta trim, (132x103 ft.) foundation and frame designed for additional four stories (concrete floors).
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Monson Bros., 475 Sixth St., submitted low bid for excavation, foundation and erecting structural steel.
As previously reported, structural steel awarded to Golden Gate Iron Works, 1541 Howard St. (approximately 560 tons of steel involved).

Planned.
ALTERATIONS Cost, $50,000
SAN FRANCISCO, Cali., 932 Mission Street.
Alterations to offices.
Owner—San Francisco Remedial Loan Assn., Ltd., premises.
Architect—To be selected.

To Be Done By Day's Work
ADDITION Cost, $1,500
OAKLAND, Calif., 470 Lake Park Avenue.
One-story concrete addition to tavern.
Owner—White Tavern Operating Company, 1431 Grove St., Oakland.
Architect—Not given.

Plans Being Completed
ADDITION Cost, $750,000
PORTLAND, Oregon. No. 2741 N. W. Vaughn Street.
Nine-story wing addition to store building (181x122 feet) fireproof construction.
Owner—Montgomery, Ward & Company, Chicago, Il.
Architect—Plans by Engineering Department of owner.
Bids will be asked shortly.

Plans Being Completed
ALTERATIONS Cost, $15,000
STOCKTON, San Joaquin Co., Calif., Main and California Streets.
Alterations to store bldg. (new show windows, remodeling, new soda fountain, etc.)
Owner—Owl Drug Co., 657 Mission St., San Francisco.
Plans by Engineering Department of Owner.
Bids will be asked in about one week.

Planned
ALTERATIONS Cost, $75,000
FRESNO, Calif., Fulton and Mariposa Sts.
Alterations to ten-story office building (Griffith-McKensie Bldg.) air conditioning system, new elevators, painting interior and exterior, etc.
Owner—Frank M. Helm, Inc. William Helm, Pres.) Fresno.
Architect—Not given.

Contract Awarded
ALTERATIONS Cost, $15,000
SAN FRANCISCO. SE Geary and Mason Streets.
Alterations to restaurant.
Owner—Allied Properties
Architect—Gardner Dailey, 210 Post Street.
Contractor—Jacke & Irvine, 620 Market St.

Contract Awarded.
STORE Cost, $3000
SAN JOSE, Santa Clara Co., Calif No. 375 E. Taylor Street.
One-story frame store.
Owner — Vegetable Growrs Association, Premises.
Architect—Binder & Curtis, 35 W-San Carlos St., San Jose.
Contractor—Sal Guardino, 690 Mission St., San Jose.

Planned.
BANK Cost, $——
COLUSA, Colusa Co., Cal. Sixth and Market Streets.
Bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.

Plans Being Prepared.
ALTERATIONS Cost, $——
MARIPOSA, Mariposa Co., Cal.
Alterations for bank.
Owner—Capital Company, 625 Market St., San Francisco.
Plans by Constr. Dept. of Owner.

PLANNED
LOS ANGELES, Calif.—Sears, Roebuck & Co., 2650 E. Ninth St., have acquired property adjoining their building at Ninth Street and Boyle Avenue as the site for two new units to be added to the existing structure and to provide additional automobile parking space. Two three-story, class A wings are to be built, one on the southwest side of the building and the other on the southeast side. Construction is scheduled to start about January 1, 1936.

Sub Contracts Awarded
STORE Cont. Price, $3575
SAUSALITO, Marin Co., Calif. State Highway and Litho St.
One-story and mezzanine frame store building.
Owner—Dave Langsam, 350 Caledonia Sausalito.
Achitect—S. Heiman, 605 Market St., San Francisco.
Contractor—DeLuca & Son, 1745 Filbert St., San Francisco.
Mis tron—Fair Manufacturing Co., 617 Bryant St., San Francisco.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco.
Lumber—Henry Hess, San Rafael.

17— THEATRES

CONTRACT AWARDED
REMODEL THEATRE
Cont. Price $24,600
SAN FRANCISCO. 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling foyers, vestibule, mezzazine floor, complete re - decorating, plumbing ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co., (New Fillmore Theatre).
Architect—A. A. Cantin, 557 Market.

Contractor—Alfred J. Hopper, 1769 Pleasant Valley Rd. Piedmont.
Heating—Scott Company, 243 Minna St., San Francisco.
Plumbing, electrical and decorating awards will be made at a later date.

October 21, 1935

Contract Awarded
ALTERATIONS Cost, $—
SAN FRANCISCO, Calif., 3350 Mission Street.
Alterations to theater. (Lyceum Theater).
Owner—Sol Lesser, 3350 Mission St.
Architect—S. Chas. Lee, 2404 W. 7th St., Los Angeles.
Contractor—Lindgren & Swinerton, 225 Bush St.

Sub-Bids Being Taken.
ALTERATIONS Cost, $18,000
SAN FRANCISCO. No. 1046 Market Street.
Alterations to theatre (new seats, painting, decorating, carpentry work, etc. (theatre to seat 399).
Owner—Pompeii Theatre.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Sub-bids are wanted on all portions of the work.

Plumbing Contract Awarded
THEATRE Cost, $50,000
CARMEL, Monterey Co., Cal., Ocean and Mission Streets (75x150 ft.)
One-story Class C theatre (to seat 850) reinforced concrete walls, composition and tile roofing, Summerbell trusses, etc.
Owner—Monterey Theatres Co. (E. H. Emmick in charge) 35 Taylor St., San Francisco.
Architect—A. A. Cantin, 557 Market St., San Francisco.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—Salih Bros., 25 Taylor St., San Francisco.
PLUMBING—Barton Oil-O-Matic, 635 Cass St., Monterey.
Other awards previously reported.

CONTRACT AWARDED
PALO ALTO, Santa Clara Co., Cal. —General Seating Co., 160 Second St., San Francisco, at $815.80 awarded contract by Palo Alto City Council for furnishing and installing asbestos curtain for the Community Theatre in Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. No. 516 Eighteenth Street.
Owner—Fox West Coast Theatres.
Architect—Not Given.
Contractor — Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont.

TO ASK BIDS
WEST LOS ANGELES, Los Angeles County, Calif.—Twentieth Century-Fox Film Corp., 10,260 Orton Ave., West Los Angeles, will take bids in about two weeks for a sound stage (135 ft. x 212 ft.) to be built at 10,260 Orton Ave. Plans were prepared by J. A. Barlow, engineer. The studio proposed to build an administration building on Pico Blvd., three additional sound stages and a prop building. Cost, $150,000.

18—WHARVES & DOCKS

To Ask Bids
WHARF EXT. Cost, $270,879
OAKLAND, Alameda Co., Cal. Outer Harbor.
504-ft. extension to wharf (creosoted apron, concrete bulkhead wall asphalt surfacing, etc.)
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner. Bids will be taken as follows:
CONTRACT 1—Wharf, rear retaining wall, dreging, riprap, and railroad tracks. Est. cost $208,500. Bids to be asked Nov. 12, to be opened Nov. 26.
CONTRACT 2—Fill between retaining wall, grading and paving of area between retaining wall, street work, sewers, paving of apron wharf, etc. Est. cost $51,000. Bids to be askel December 30, to be opened Jan. 13.
CONTRACT 3—Sprinkler system and water lines. Estimated cost $13,289. Bids to be asked March 16, to be opened March 30.
Grant of $121,000 approved by the PWA.

19—MISC. CONSTRUCTION

Plans Being Figured
LOS ANGELES, Calif.—Twentieth Century-Fox Film Corp., 10,260 Orton Ave., West Los Angeles, is taking bids from a selected list of contractors for three class A film vaults to be built at the company's studio. They will be reinforced concrete structures, each one covering an area of 17x20 ft.

BIDS WANTED
SAN FRANCISCO, Cal.—Until October 23, 1:45 p. m., bids will be received by Dept. of Public Works, Rm. 251, City Hall, for 85 per cent magnesia pipe coverings on steam lines to Board of Education Headquarters, Civic Center, San Francisco.
Further particulars may be obtained from R. H. Chisholm, 484 11th St., San Francisco.

Preparing Working Drawings
NURSERY Cost, $—
SAN FRANCISCO, Calif., 32d Ave. near California street.
One-story frame and stucco nursery (32x65 feet) two room, kitchen, laboratory) gas floor furnace, etc.
Owner—Miss Burke's School Playfield, 229 32nd Ave.
Architect—Francis J. Lloyd, 360 Pine Street.
Bids will be asked in about two weeks.

Bids Received
SAN FRANCISCO—Bids have been received by the Golden Gate Bridge Company from the following, for magazine replacements at the Presidio:
J. H. Pomeroy and Raymond Concrete Pile Company.
Barrett & Hilp.
Eaton & Smith
Bids will probably be opened October 30, at the meeting of the Board of Directors.

Contact Awarded
VAULT Cost, $1600
OAKLAND, Calif., 2896 Glasscock St.
One-Story concrete record vault.
Owner—Oliver United Filter Company, 4th & Madison Sts., Oakland.
Architect—Not given.
Contractor—H. J. Christensen Co., 1955 Webter St., Oakland.

Contract Awarded
WASHINGTON, D. C.—Stephens Bros., 345 N. Yosemite, Stockton, at $45,300 awarded contract by the U. S. Coast Guard, Washington, D. C., for furnishing 6 cabin picket boats for delivery on the Pacific Coast.

Well Drilling Contract Awarded.
RADIO STATION Cost, $—
REDWOOD CITY, San Mateo Co., Cal.
Frame and reinforced concrete radio transmitting station.
Owner—Hearst Radio.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.
Robert Garcia, 2045 University Ave., Palo Alto, awarded contract for well drilling.
Contract for the building will be awarded shortly.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
PASADENA, Cal. — Allis-Chalmers Mfg. Co., 458 S. Spring St., Los Angeles, at $52,043 awarded contract October 16 by the Pasadena City Commission for furnishing oil circuit breakers for metal-clad switch gear for the Maryland sub-station on Skillen Lane, ½ block west of Los Robles Ave. All bids for furnishing accessories, spare parts, instruments and automatic reclosers were rejected. The bids were opened October 10

BIDS OPENED
OAKLAND—C. Markus Hardware Co., 7th and Washington St., Oakland, at $15.50 per 100 ft. submitted low bid to the Oakland City Council, W. W. Chappell, City Clerk, for furnishing 9,700 ft. of wrought steel pipe.
Other bids were identical at $16.49 per 100 ft., from: Moeller Co.; Walworth-California Co.; Tay-Holbrook, Inc.; Pacific Pipe Co.; Grinnell Co. of the Pacific; Pearons Hardware Co.; Oakland Plumbing Supply Co.; Crane Co.; Moran Plumbing Supply; and Seattle Steel & Supply Co.

Contract Awarded
BIDS OPENED
OGDEN, Utah.—Following bids received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 722-D (Readvertisement of Spec. No. 716-D) for furnishing precast reinforced concrete pipe for use in construction of structures on canals in the Ogden River Project:
Utah Concrete Products Corp., Salt Lake City: (1) $16,951.40; (2) no bid; (3) $23,895.04; (4) no bid.
American Conc. & Steel Pipe Co., Los Angeles: (1) no bid; (2) $17,497.62; (3) no bid; (4) $22,724.42.
Collins Concrete & Steel Pipe Co., Portland: (1) no bid; (2) $17,629.12; (3) no bid; (4) $21,951.35.
Lock Joint Pipe Co., Denver: (1) no bid; (2) no bid; (3) no bid; (4) $24,-604.40.

CONTRACTS AWARDED
FRESNO, Calif.—Contracting and Purchasing Officer, Fresno District CCC, awarded following contracts for furnishing materials for repairs of CCC camps in the Fresno District:
Lumber—Standard Lumber & Mill Co., Fresno, $186.77.
Hardware—Oakland Sheet Metal Works, Oakland, $81.00
Roofing—Standard Lumber & Mill Co., Fresno, $43.
Wall Board—Maisler Bros. Lumber Co., Fresno, $64.96.
Sheet Metal — Tay-Holbrook Co., Inc., Fresno, $28.32.

CONTRACTS AWARDED
OAKLAND, Cal.—Rich Mfg. Co., at $1177.92 for 6-in., 8-in., 10-in. and 12-in.; and the Rensselaer Valve Co., at $4098.60 for 20-in. awarded contract by the East Bay Municipal Utility District, under Spec. No. L.S.-158, for furnishing:
(1) 6 flanged and 18 6-in. diam. gate valves.
(2) 10 do 8-inch.
(3) 6 do 10-inch.
(4) 2 do 12-inch.
(5) 10 do 20-inch.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other Public agencies.

U. S. FOREST SERVICE

SAN FRANCISCO — Until October 31, 2 P. M., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, Room 916, Phelan Bldg., San Francisco, under Contract No. 711, for furnishing 12 air compressor units, complete with air receivers, power take-offs and controls.

F.o.b. bidder's shipping point and/or Pacsteel, Oakland.

Specifications obtainable from the above office.

GOVERNMENT ISLAND. — Until October 29, 2 p. m., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 2964, for furnishing:

(1) 900 ft. embankment spillway flumes, for shipment to Mount Shasta;
(2) 90 attachment clamps, for above flumes;
(3) 1000 ft. embankment spillway flumes for shipment to Big Sur;
(4) 100 clamps for above flumes.

Delivery f.o.b. bidders shipping point

Specifications obtainable from the above office.

RECLAMATION SERVICE

BOULDER CITY, Nevada.—Until November 7, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colo.; under Spec. No. 736-D for furnishing and delivering f.o.b cars at the shipping point and/or Boulder City, at the option of the bidder, pipe, valves, fittings, and appurtances for installation in the Boulder City water system, Boulder Canyon project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1 not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

MACHINES, 35 electrically-operated floor polishing; Mare Island; Sch. 6255; Nov. 1.

CABLE, 15,200 ft. lighting and power, Mare Island; 300 ft. flameproof triples cable, Puget Sound. Sch. 6226; Nov. 1.

CUSHIONS, 3,600 telephone receiver cushions, ear; Mare Island and San Diego. Sch. 6232; Nov. 1.

GRINDER, 1 motor-driven surface vertical; Mare Island. Sch. 6231; Nov. 1st.

MACHINE, 1 hack saw machine, Mare Island. Sch. 6294; Nov. 5.

MACHINE, 1 surface grinding machine; Mare Island. Sch. 6262; November 5.

MACHINE, 1 motor-driven dowel machine; Mare Island. Sch. 6261; Nov. 5.

CORD, 225 lbs. cotton cord, Puget Sound; 500 lbs. calking cotton, Puget Sound; 325 lbs. chalk lines; Mare Island. Sch. 6258; Nov. 5.

SHEARS 708 prs. sailmakers'; Mare Island; 276 prs. tinners' shears, Mare Island. Sch. 6256; Nov. 5.

SCRAPERS, 2,200 ship scrapers and 36 sets machinists' bearing scrapers; Mare Island. Sch. 6253; Nov. 5.

BLADES, 6,300 doz. Tungsten hack saw blades and 545 doz. power do.; Mare Island. Sch. 6252; Nov. 5.

DRILLS, 1,320 hand; Mare Island. Sch. 6245; Nov. 5.

INDICATORS and recorders, combined, CO-2, 5; Mare Island. Sch. 6243; Nov. 5.

FORGINGS, steel; Mare Island and Puget Sound. Nov. 8.

CLOTH, 60,000 sq. ft. copper wire cloth; Mare Island. Sch. 6296; Nov. 8.

Information obtainable from the above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Until November 8, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 735-D, for furnishing and delivering f.o.b. cars at bidder's shipping point and/or Boulder City, pipe hangers for installation in the Boulder Power Plant, Boulder Canyon Project. The pipe hangers will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1.50 not returnable.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until October 28, 3 p. m., bids will be received by the U. S. Engineer's Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-68, for furnishing and delivering 240 tons of road rock.

Delivery f.o.b. U. S. Engineers in a stock pile along the road between Rio Vista, and Tolands Landing near the Dozier Draw Spoil Area, 6 mi. from Rio Vista.

Specifications obtainable from the above office.

FORT BAKER.—Until October 29, 10 a. m., bids will be received by Capt. Leander Larson, Constructing Quartermaster, Fort Mason, under Bid No. W 6616-36-20, for the rental by the month of the following equipment:

(1) 1 6-in. pneumatic concrete gun capacity ½ c. y.;
(2) 2 portable compressors, gasoline engine powered, with a combined output of not less than 50 cu. ft. of air per min.

Delivery at East Portal, Baker-Barry Tunnel, Fort Baker.

Specifications obtainable from the above office.

SACRAMENTO—Until October 31, 9 a. m., bids will be received by Lieut. G. W. Tripp, Purchasing and Contracting Officer, Sacramento District CCC, 46th and North B Sts., Sacramento, under Bid No. 5911-36-20, for furnishing construction materials for various CCC camps.

The materials include lumber, millwork, hardware, prepared roofing and insulating felt, plumbing, water heating, sheet metal work, electric materials, cement, sewer pipe, fibre board, asphalt asbestos roof paint, and asphalt asbestos roof coating.

Materials are for delivery f.o.b. the following camps: Camp Italian Bar, approximately 10 miles NW of Columbia; Camp Murphys; Camp Feather Falls; Camp De Sabla approximately 31 miles north of Oroville; Camp Concow, approximately 27 miles north of Oroville; Camp Berry Creek; Camp Hough Springs, approximately 40 miles NW of Williams; Camp Bardley; Camp Elk Creek; Camp Grass Valley; Camp Mt. Diablo; Camp Mt. Tamalpais; and Camp San Pablo Dam.

Specifications obtainable from the above office, and on file at the office of The Daily Pacific Builder.

SAN FRANCISCO CITY

SAN FRANCISCO — Until November 1, 3 p. m., as previously reported, bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1462, for furnishing gate valves for the San Francisco Water Department, as follows:

Lot 1—Two 36-in. valves for 100 lbs. water working pressure; and 1 36-in. valve for 50 lbs. water working pressure.

Lot 2—Two 30-in. valves for 100 lbs. water working pressure; and 1 30-in. valve for 50 lbs. water working pressure.

Lot 3—One 24-in. valve for 100 lbs. water working pressure; and 1 24-in. valve for 50 lbs. water working pressure.

Lot 4—Lots 1, 2 and 3 combined.

Specifications obtainable from the above office.

199

LOANS
that help sell
HOMES

A home covered by an American Trust Company 10-year home loan is easier to sell, because:
(1) Down payment is not large.
(2) Interest is at low bank rate.
(3) Buyer can complete payment (with principal and interest) in 120 uniform monthly installments, like rent.

Ask at our nearest office.

AMERICAN TRUST COMPANY
Since 1854
Commercial Banking · Savings · Trust

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Levees.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water. Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

EUREKA COUNTY, Nevada—Until October 30, 3 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a concrete and steel overpass and approaches on the State Highway system in Eureka County, Route 1, Sections A2 and A3, near Dunphy, a length of approximately 0.62 mile.

The work involves:

(1) 4563 lin. ft. remove fence;
(2) 84 lin. ft., remove culvert pipe;
(3) 2 each, remove culvert headwalls,
(4) 1 each, remove concrete culvert;
(5) 350 cu. yds. roadway excavation;
(6) 65,160 cu. yds. imported borrow;
(7) 1270 cu. yds. structural excav;
(8) 0.56 mi. subgrade;
(9) 0.59 mi. finish roadway;
(10) 3300 cu. yds. gravel base.
(11) 0.59 mi. salvage and relay asphaltic surface;
(12) 29 tons asphaltic road material. Type SC-2;
(13) 745 cu. yds. class A concrete;
(14) 285 cu. yds. class D concrete;
(15) 9.4 m. ft. b.m. redwood;
(16) 183,000 lbs. reinf. steel;
(17) 106,000 lbs. structural steel;
(18) 5970 lin. ft. treater piles;
(19) 185 each, drive treated piles;
(20) 32 lin. ft. 24 in. corr. metal pipe;
(21) 20 lin. ft. 36 in. corr. metal pipe;
(22) 2 each, move pipe culvert headwalls;
(23) 4050 lin. ft. metal guard rail;
(24) 12 each, monuments;
(25) 4385 lin. ft. reconstruct fence.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

LYON COUNTY, Nevada.—Until October 30, 3:30 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a concrete and steel underpass and approaches on the State Highway system in Lyon County, Rt. 1, Sec. A1, near Fernley, a length of approximately 0.151 mile.

The work involves:

(1) 355 cu. yds. remove concrete;
(2) 850 cu. yds. roadway excav;
(3) 1070 cu. yds. structure excav;
(4) .15 mi. finished roadway;
(5) .15 mi. traffic stripe;
(6) 390 cu. yds. class A concrete;
(7) 365 cu. yds. class B concrete;
(8) 5000 lbs. rein. steel;
(9) 245,500 lbs. structural steel;
(10) 100 lin. ft. remove fence;
(11) 100 lin. ft. reconstruct fence.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

Contract Awarded

SNOHOMISH COUNTY, Washington—Wilder & Montfort, Bellne, Wash., at $31,416 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for constructing a reinforced concrete T-beam bridge 256.8 ft. long over the Great Northern Ry. Co.'s tracks on State Road No. 15, Index East, Section "E."

Henry Hagman, Cashmere, at $34,749; and MacRae Bros., Seattle, at $37,201 submitted second and third low bids respectively.

BIDS WANTED

STATE OF WASHINGTON—Until Nov. 5, 10 a. m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for construction of undercrossing and overcrossing structures as follows:

Spokane County:

Paving with Portland cement concrete about 0.3 of a mile and constructing a steel girder undercrossing of the Great Northern Railway Company tracks on State Road No. 2, Great Northern Undercrossing near Galena, U. S. Works Program Grade Crossing Project No. WPGH 156-B, in Spokane County, involving about 51,320 cubic yards of excavation, 2620 cubic yards of crushed stone surfacing, 1,500 cubic yards of ballast, 3,060 square yards of cement concrete pavement, 51 tons of bituminous cement, 480 cubic yards of concrete, 241,400 pounds of structural steel and other items.

Spokane County:

Paving with Portland cement concrete and constructing a reinforced concrete girder overcrossing on about 0.8 miles of State Road Nos. 2 and 3, Section 1, Sixth Avenue Grade Separation between 7th Avenue and Cannon Street, and Section 2, Spokane West, in City of Spokane, U. S. Works Program Highway Projects Nos. WPMH 201-A (Unit 4), WPMH 156-F (Unit 2), WPH 156-C (Unit 2) and WPMH 156-D (Unit 3), in Spokane County, involving about 97,850 cubic yards of excavation, $18,982 sq. yds. cement concrete pavement; 1625 cu. yards concrete; 230,660 lbs. of steel reinforcing bars, 572 tons bituminous surface treatment plant mix, 2,997 lineal feet of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

Contract Awarded

JEFFERSON COUNTY, Washington—Allen & Govan, Inc., Box 105, Olympia, at $79,327 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, for grading, surfacing, and constructing a 150-foot steel truss with two 46-ft. reinforced concrete T-beam approach spans on State Road No. 9, Big Quilcene River Bridge and approaches.

Elliott & Co., Seattle, at $82,523 submitted second low bid; and Halleran Bros., Seattle, at $88,221 submitted third low bid.

Contract Awarded

SKAMANIA COUNTY, Washington—Colonial Constr. Co., W. 326 First Ave., Spokane, at $9,891.20 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for constructing a reinforced concrete T-beam bridge 126 ft. long over the S. P. & S. Ry Co.'s tracks on State Road No. 8, Crooks East to Underwood West.

E. F. & W. F. Philpott, Portland, at $10,788 submitted the only other bid.

BIDS WANTED

CONTRA COSTA COUNTY.—Until November 13, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete girder overhead structure over the tracks of the Atchison, Topeka and Santa Fe Railway, 3½ miles north of Concord, consisting of one 32-ft. span and two 29-ft. spans and about 0.18 mile of roadway grading and surfacing with plant mixed surfacing, medium curing type.

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 30 M. gals. water;
(3) 1500 cu. yds. imported borrow;
(4) 325 cu. yds. struc. excav.
(5) 10 station finishing rdwy.
(6) 360 tons crusher run base;
(7) 240 tons mineral aggregate (plant mixed surfacing);
(8) 12 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing;
(9) 2 tons liquid asphalt MC-2 (prime coat;
(10) 52,000 lbs. bar reinf. steel;
(11) 330 cu. yds. class A Portland cement conc. (structure);
(12) 14 cu. yds. class A Portland cement conc. (railing);
(13) 1850 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(14) 52 each driving creosoted Douglas fir piles, including test piles;
(15) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the district engineer in San Francisco and Los Angeles

LOW BIDDERS

ELKO COUNTY, Nevada—Gibbons & Reed, 221 E. San Fernando Blvd., Burbank, Calif., at $53,138.67 submitted low bid to Robert A. Allen, State Highway Engineer, Carson City for constructing a concrete and steel

overpass and approaches on the State Highway System in Elko County, Route 1, Section D1 and D2, near Deeth, a length of approximately 0.85 miles.

Second low bid submitted by Utah Constr. Co., Ogden, Utah, at $68,-681.10.

BIDS WANTED

VENTURA COUNTY, Calif.—Until Oct. 28, 2 p.m., bids will be received by the Division of Highways, S. V. Cotelyou, District Engineer, State Bldg., Los Angeles, for construction of a corrugated metal pipe drain in Ventura County, about 12.5 miles north of the City of Ventura.

The work involves:

(1) 1800 cu. yds. structure excav.;
(2) 120 lbs. bar reinf. steel in place;
(3) 36 cu. yds. class A portland cement concrete in place;
(4) 2.1 M.F.B.M. Douglas fir timber, dense select structural grade, in place;
(5) 0.5 M.F.B.M. redwood timber, dense select all-heart structural grade, in place;
(6) 300 lbs. structural metal in place;
(7) 82 lin. ft. 8-in. corr. metal pipe in place (pipe to be furnished by state);
(8) 24 lin. ft. 18-in. corr. metal pipe in place (pipe to be furnished by state);
(9) 1154 lin. ft. 24-in. paved invert corr. metal pipe in place (pipe to be furnished by state);
(10) 118 lin. ft. 36-in. paved invert corr. metal pipe in place (pipe to be furnished by state);
(11) 6000 sq. ft. wire fencing in place;
(12) 3400 lin. ft. 2-in. iron pipe posts in place;
(13) 330 2-in. iron pipe spreaders in place;
(14) 160 2-in. iron pipe braces in place;
(15) 950 clevises in place;
(16) 240 cu. yds. brush and rock backfill in place;
(17) 6 cu. yds. removing concrete.

Plans and specifications obtainable from the above office.

22—DREDGING, HARBOR WORKS, EXCAVATION

Contract Awarded

SACRAMENTO COUNTY—D. McDonald, 204 23d St., Sacramento, at $0.214 per c.y., total $92,020 awarded contract by the U. S. Engineering Office, Sacramento, under Proposal No. 1105-36-4, for raising and strengthening of an existing levee and construction of a new levee along the southerly bank of the American River, easterly from Meister District, near Sacramento, to a point near Mayhews, a distance of about 6.3 miles.

Bids Opened

PORTLAND, Oregon — Jacobsen Construction Co., 206 McKay Bldg., Portland, at $3,997 submitted low bid to the U. S. Engineer Office, First Portland District, 306 Customhouse, Portland, Major Milo P. Fox, District Engineer, under Bid No. 698-36-138, for the construction of a round piling bulkhead at Government Moorings, No. 8010 N. W. St. Helens Road, Portland.

The work involves:

(1) 13,000 l.f. piling, in place.
(2) 6 MFBM walling lumber, in place.
(3) 1,500 lbs. metal fastenings, in place.

Complete bids follow:

Jacobsen Constr. Co., Portland: (1) $0.28; (2) $42; (3) $0.07; total, $3,997.

Gilpin Constr. Co., Portland: (1) $0.275; (2) $65; (3) $0.09; total, $4,100.

Parker-Schram Co., Portland: (1) $0.29; (2) $65; (3) $0.07; total, $4,265.

Makela Constr. Co., Astoria: (1) $0.36; (2) $50; (3) $0.10, total, $5,130.

Engineer's estimate: (1) $0.305; (2) $50; (3) $0.06; total, $4,355.

Bids held under advisement.

Contract Awarded

PORT TOWNSEND, Washington — Puget Sound Bridge & Dredging Co., 2929 16th Ave. S. W., Seattle, at $31,-400 awarded contract by the Treasury Department, Washington, D. C., for channel protection to boat basin at the U. S. Quarantine Station, Port Townsend.

Bids Wanted

WILLIAMS RIVER, Oregon—Until October 29, 3 p. m., bids will be received by the U. S. Engineer Office, 1st Portland District, Major Milo Fox, District Engineer, 306 Customhouse, Portland, under Bid No. 698-36-155, for bank clearing, bar clearing, grading of river bank, and constructing approximately 4,800 l.f. of protective gravel fill, all along the Willamette River, Oregon, between Eugene and Harrisburg.

The work involves:

(1) 5 A. bank clearing.
(2) 39 A. bar clearing.
(3) 1,500 c.y. grading.
(4) 40,500 c.y. protective gravel fill.

Plans and specifications obtainable from the above office.

Contract Awarded

PORTLAND, Oregon — Kuckenberg-Wittman Co., Inc., Board of Trade Bldg., Portland, at $16,983 awarded contract by the U. S. Engineering Office, First Portland District, for bank clearing, grading river bank, and constructing approximately 4 290 l.f. protective gravel fill along the Willamette River, Oregon, between Eugene and Harrisburg.

Complete bids published September 24th.

23—IRRIGATION PROJ.

LOW BIDDER

NOGALES, Arizona — T. A. Allen, 500 Central Bldg., Los Angeles, at $75,634.40 submitted low bid to the International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, October 15, for the construction of the main channel and stilling basin, Unit No. 3, Nogales Flood Control Project, NFC-459.

BIDS WANTED

STANISLAUS COUNTY—Until October 30, 3 p. m., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823-11th St., Modesto, for the repair of old lining by guniting in the Main Canal of the District.

Specifications obtainable from the above office.

LOW BIDDER

OWYHEE PROJECT, Oregon-Idaho.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $19,-395 on Spec. No. 723-D, and at $14,-576 on Spec. 724-D, submitted low bids to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, for the construction of earthwork and structures on the Owyhee Project.

Spec. No. 723-D is located on the North Canal Laterals, Mitchell Butte Division, near Ontario; Spec. 724-D is on the Ward Main Drain and Ward Drain 0.67, Mitchell Butte Division, near Nyssa.

LOW BIDDER

OWYHEE PROJECT, Oregon-Idaho —Brent Sturgill Co., Cascade Locks, Ore., at $53,639, submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, for constructing earthwork and structures, South Canal, Station 1340 to Station 2016, Succor Creek Division, Owyhee Project; Specification No. 646. The work is located near Homedale and Marsing, Idaho.

Complete bids will be published shortly.

Low Bidders

OWYHEE PROJECT, Oregon-Idaho —Otis Williams & Co., Vale, Oregon, at $19,918 submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, Oregon, October 19, under Spec. 725-D, for constructing structures, North Canal Laterals, N.C. 37.6 to 38.7-1.2, Mitchell Butte Division, Owyhee Project. The work is located near Nyssa and Ontario, Oregon.

Low Bidder

OWYHEE PROJECT, Oregon-Idaho —George B. Henly, Nyssa, Oregon, at $18,178 submitted low bid to the Bureau of Reclamation, R. J. Newell, Construction Engineer, Ontario, October 19, under Spec. No. 726-D, for constructing earthwork and structures, North Canal Laterals, Dead Ox Flat Division, Owyhee Project. The work is located near Ontario, Oregon.

24—STREET LIGHTING SYSTEMS

BIDS REJECTED

SAN MATEO, San Mateo Co., Cal. —All bids received by the San Mateo City Council for installation of electroliers on one block of Second Ave., between Railroad Ave. and South Claremont St., have been rejected and the City will do the work by day labor.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SACRAMENTO.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation 12292, Req. 13915, for furnishing one North Star, or equal, one-way snow plow for installation on FWD truck Model CU 6, Serial 27895; f. o.b. Sacramento, Shop 3:

A. L. Young Machinery Co.: Good Roads Model 60: $425.55 via rail, 33 days; $383.15 via water, 48 days; add $55.50 for land side attachment; add $28.05 for outside spring loaded push bar; add $16.60 for hinged snow shield; add $26.35 for screw adjustable shoes: Good Roads Model 60: $546.75 via rail, 33 days; $477.60 via water, 48 days; add $67.85 for land side attachment; add $18.70 for outside spring loaded push bar; add $29 for screw adjustable shoes.

Jenison Machinery Co.: Bros. Model 210 W, $444.50; Model 15 Wings, $339.-40; Model 16 Wings, $400.40; delivery in 35 days: deduct $16 if plow and wing are bought together; add $156 for power hyd. operation.

Sacramento Tractor & Equipment Co.: Baker Model 143, $460 plus tax; 20 days delivery; 2% 30 days

J. D. Adams Co.: Wisconsin Special, $541; 35 days delivery; 2% 20 days.

Western Traction Co.: Frink 305B, $550.02; 28 days delivery; 5% 20 days.

Spears Wells Machinery Co.: Sargent 090S, $571 plus tax; 21 days de-

livery; discount, $25 60 days.

Edward R. Bacon Co.: American Model T: front axel hitch, $432.05; frame hitch, $453.46; American Model TS: front axle hitch, $356.75; frame hitch, $389.50; delivery 30-45 days; 2% 10 days; deduct $1 per cwt. for orders not less than 24,000 lbs.

L. M. Clough, $1.25.

BIDS OPENED

STOCKTON—Following bids received by the State Purchasing Agent State Capitol, Sacramento, under Quotation No. 14273, Req. 9167, for furnishing one 8 ft. pneumatic-tired, leaning wheel grader, f.o.b. Stockton Shop 10:

Austin Western Road Machinery Co.: Austin No. 8, $1434; delivery, 14 days; 2% 30 days, discount.

Weaver Rye Tractor Co.: Caterpillar 33, $1434; delivery 15 days; 2% 30 days.

Jenison Machinery Co.: Gallon No. 88, EZ Lift, $1434; delivery 15 days; 2% 30 days.

J. D. Adams Co.: Adams No. 83; $1434 plus tax; delivery 20 days; 2% 30 days.

Bids held under advisement.

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada — Collier Tractor Co., Reno, at $6546.50 submitted only bid received and awarded contract by the Churchill County Commissioners, G. W. Likes, County Clerk, for furnishing one Caterpillar diesel 50 tractor (RD-7 Model) and one No. 66 Caterpillar grader, power contrilled, with 12-ft. blode, etc.

BIDS OPENED

LOS ANGELES—Bids for furnishing concrete mixers under invitation No. ER-509-36-34, were opened by the U. S. Engineer, Los Angeles, Oct. 16. The items are:

LOT I

(1) 3 1-cubic yard concrete mixer, crawler mounted, self propelled with loading skip and 50 foot placing boom, and 1 cubic yard bottom dump bucket. Delivery f.o.b. contractor's yard, Los Angeles, Calif.

ALTERNATIVE

(2) 6 ½-cubic yard concrete mixer, as specified. Delivery f.o.b. contractor's shipping point.

LOT II

(1) 6 ½-vubic yard concrete mixer, as specified. Delivery f.o.b. contractor's shipping point.

ALTERNATIVE

(2) 6 ½-cubic yard concrete mixer, as specified. Delivery f.o.b. contractor's shipping point.

The bids were:

Crook Co.—Lot 1, item 1, $8195 each, total $24,591, f.o.b. contractor's yards, Los Angeles. Alternate: $7724; total, $22,587, f.o.b. shipping point, Milwaukee, Wis. Shipping weight, 38 900 lbs. Alternate: on T. L. Smith 27E model H31 Milwaukee pavers, f.o.b. Milwaukee, $6569. Weight 34,000 lbs.

Harron, Rickard & McCone—Lot 1, item (1) $11,885; total $35,655, f.o.b. Los Angeles. Alternate, $11,110, total $33,330, f.o.b. Milwaukee. Weight, 47,000 lbs. Lot 2, item 1, $5006, total $30,036. Alternate: $4606, total $27,636. Shipping point, Milwaukee. Weight, 23 950 lbs. Discount: 4% 10 calendar days. Lot 1 includes three 27-E Koehring pavers with 6-cyl. Waukesha 72 h. p., 1350 RPM engines with 50-ft. boom and bucket. Delivery: 3 machines at Los Angeles 55 days; 3 machines at Milwaukee 45 days. Alternate to lot 1, same except not equipped with boom and bucket, f.o.b. Los Angeles $10,248, Milwaukee, $9450. Weight, 1500 lbs. less. Shipment in 15 days. Lot 2, six 13-E Koehring pavers, 4 cyl. Waukesha engine, 24 h.p., f.o.b. Los Angeles, one machine 20 days, 5 machines 55 days, f.o.b. Milwaukee, one 15 days, 5 in 45 days.

Smith Booth Usher Co.—Lot 1, item 1, $10,460.55, total $31,381.65—Model 27F Multi-Foote pavers. Alternate: $9575, total $28,725. Shipping point, Lunda, N. Y. Weight 41,500 lbs. Discount: total $1436.62 30 calendar days. Shipment as required.

Ransome Concrete Machinery Co.: Lot 1, $9605 each, total $28,815. Alternate: $8755, total $26,265, Glenelion, N. J. Weight, 44,000 lbs. Lot 2, item 1, $4517, total $27,102. Alternate $3960 each, total $23,760. Shipping point, Glenelion, N. J. Weight 2[illegible]000 lbs. Discount: 2% 10 days. Equipped with Buda H-217 engines.

BIDS OPENED

EUREKA, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation 12273, Req. 14095, for furnishing: (1) two speed snow plows for installation on GMC Model T 23 B trucks, 1935; and (2) one reversible snow plow for installation on a 2-ton FWD truck, 1333, Model H6; f.o.b. Eureka, Shop 1:

Jenison Machinery Co.: (1) Bros. Model 9-4, $236.50 each; $473 for two; (2) Bros. Model 120, $321.40; 35 days delivery.

J. R. Adams Co.: (1) Wisconsin Model 89, $300 each; $600 for two; (2) Wisconsin Molel 95, $321; 35 days delivery; 2% 30 days.

Sacramento Tractor & Equipment Co.: (1) Baker 163-A, $300 each; $600 for two; (2) Baker 163, $370 plus tax; 20 days delivery; 2% 30 days.

A. L. Young Machinery Co.: (1) Good Roads Model 40, $304.75 for one; $609.50 for two, via rail; 282.45 for one and 564.90 for two, via water; $258.05 for one and $516.10 for two, via rail; $239.15 for one and $498.30 for two, via water; (2) Good Roads 30B: $304.75 via rail, 22 days; $282.45 via water, 37 days; add $23.35 for outside spring loaded push bar; add $38.83 for land side attachment; add $21.75 for shoe const.; add $15.10 for hinged snow shield.

Spears Wells Machinery Co.: (1) Sargent 076; $383 for one and $766 for two plus tax; 31 days delivery; discount, $26, 10 day.

Western Traction Co.: (1) Frink 205B, $383.16 for one and $766.32 for two; (2) Frink 20RSB, $391.40; delivery in 28 days; 5% 20 days.

Edward R. Bacon Co.: (1) American Model F: Front axle hitch, $329.80 for one and $659.90 for two; frame hitch, $357 for one and $714 for two; American RS: front axle hitch, $320 for one and $640 for two; frame hitch, $347.25 for one and $694.50 for two; (2) front axle hitch, $257; frame hitch, $277.50; delivery 30-45 days; 2% 10 days discount; deduct $1.00 per cwt. for orders more than 24,000 lbs.

BIDS OPENED

OAKLAND, Cal.—H. G. Sherman, at $3,270.25 submitted low bid to the East Bay Municipal Utility District, Oakland, under Proposal 689, for furnishing one tractor, track-laying type, 4-cylinder, 50 h.p., Diesel engine drive.

The other bidders were:

Edward R. Bacon Co., $3,908.85.

Robinson Tractor Co., $5,361.45.

Bids held under advisement.

BIDS OPENED

OAKLAND, Alameda County — Following bids received by the Oakland City Council, W. W. Chappell, City Clerk for rental of trucks for use on WPA construction projects.

C. L. LaTe Tietta, $0.63

Bruno Skibo, $0.645.

Wm. Motta $0.89.

Arthur Wahlgren, $0.89

A. L. Green, $0.89

Rock & Gravel Trucking Co., $0.89.

Bids held under advisement.

Bids Opened

REDDING, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12277, Req. 12956, for furnishing one one-way speed snow plow f.o.b. Redding, Shop 2:

A. L. Young Machinery Co., S. F.: Good Roads Model "50": $435.55 via rail, 33 days; $405.75 via water, 48 days; and $55.50 for land side; add $28.05 for outside spring loaded push bar; add $16.60 for hing snow shield; add $25.35 for screw adj. shoes; Good Roads Model "60": $546.75 via rail, 33 days; $506.75 via water, 48 days; add $67.85 for land side; add $18.70 for outside spring loaded push bar; add $29.00 for hinged snow shield.

Jenison Machinery Co., S. F.: Brox. Model "210," $444.50; Model 15 wing, $339.40; Model 16 wing, $400.40; 35 days delivery; deduct $16 if plow and wing are purchased together; add $156 for power hyd. operation.

Sacramento Tractor & Equipment Co.: Baker Model 143: $450 plus tax; 20 days delivery; 2 percent 30 days discount.

Western Traction Co.: Frink 305-B: $550.02; 28 days delivery; 5 percent 20 days.

J. D. Adams Co.: Wisconsin Special No. 80, $554; 35 days delivery; 2 percent 30 days.

Spears Wells Machinery Co.: Sargent 090-S, $575 plus tax; shipment in 21 days; $25 discount, 10 days.

Edward R. Bacon Co.: American Model G, front axle hitch, $432.45; frame hitch, $453.46; 30-45 days delivery; 2 percent 10 days; deduct $1 per cwt for orders not less 24,000 lbs. American Model T.S., front axle hitch $356.75; frame hitch, $389 50; 30-45 days; 2 percent 10 days; deduct $1 per cwt for orders not less than 24,000 lbs.

Bids Opened

SACRAMENTO, Calif.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation No. 12293, req. 13916, for furnishing one North Star, or equal, one-way snow plow for installation on FWD Truck Model CU 6, Serial No. 27898, f.o.b. Sacramento, Shop 3:

A. L. Young Machinery Co.: Good Roads Model "50": $435.55 via rail, 33 days; $383.15 via water, 48 days; and $55.50 for land side attachment; add $28.05 for outside spring loaded push bar; add $16.61 for hinged snow shield; add $25.35 for screw adj. shoes; Good Roads Model "60": $546.75 via rail, 33 days; $477.60 via water, 48 days; add $67.85 for land side attachment; add $18.70 for outside spring loaded push bar; add $29.20 for hinged snow shield; add $25.35 for screw adj. shoes.

Jenison Machinery Co.: Bros. Model 210 W, $444.50; Model 15 W, $339.40; Model 16 W, $400.40; delivery in 35 days; deduct $16 if plow and wing are bought together; add $156 for power hyd. operation.

Sacramento Tractor & Equipment Co.: Baker 143, $450 plus tax; delivery in 20 days; 2 per cent 30 days.

J. D. Adams Co.: Wisconsin Special No. 80, $541; delivery in 35 days; 2 percent 30 days.

Western Traction Co.: Frink 305 B, $550.02; delivery in 28 days; 5 percent 20 days.

Spears Wells Machinery Co.: Sargent 090 S, $571 plus tax; delivery in 21 days; $25 discount, 10 days.

Edward R. Bacon Co.: American Model G, front axle hitch, $432.15; frame hitch, $453.45; delivery 30-45 days; 2 per cent 10 days; deduct $1 per cwt. for orders more than 24,000 lbs.; American Model TS, front axle hitch, $356.75; frame hitch, $389.50; 30-45 days delivery; 2 per cent 10 days; deduct $1 per cwt. for orders more than 24,000 lbs.

BIDS OPENED

OAKLAND, Cal. — Following bids received by the East Bay Municipal Municipal Utility District, under Proposal No. 690, for furnishing two electric portable welding machines, gasoline driven engine, 300 ampere, 40-volt, speed not higher than 1800 r.p.m.:

Air Reduction Sales Corp., $2210 plus sales tax.

Harron, Rickard & McCone, $2276.30

Lincoln Electric Co., $2276.30.

American Tractor Equipment Co., $2363.85; alternate, $2276.30.

Robinson Tractor Co., $2363.84; alternate, $2276.30.

Herberts - Moore Machinery Co., $2110.20.

Weber & Co., $2600.

Edward R. Bacon Co., $2678.

U. S. Battery Sales Corp., $2678.

Pacific Electric Motor Co., $2729.50.

Bids held under avisement.

BIDS OPENED

NEVADA CITY—Following bids received by the State Purchasing Agent State Capitol, Sacramento, October 17, under Quotation No. 14207, Req. 13944, for furnishing one single-drive pneumatic tired one-man motor grader, f.o.b. Nevada City, va freight, Shop 3:

Spears Wells Machinery Co.: Spearwell Big 8 or Case C1 Tractor: $3050 plus tax; delivery in 14 days, 2% 30 days discount.

Sacramento Tractor & Equipment Co.: Allis Chalmers No. 42 hand control, $3158; power control, $3293; plus tax, delivery in 10 days; 2% 30 days.

Edward R. Bacon: Wehr Motor Grader, hand control, $3505; power control, $3625; delivery in 14 days; 2% 30 days.

J. D. Adams Co.: Adams Model No. 30, hand control, $3505; power control, $3625; plus tax; upholstered seat; delivery in 15 days; 2% 30 days.

Austin-Western Road Machinery Co.: Austin Jr. 77, $3505; delivery, 14 days; 2% 30 days.

Weaver Rye Tractor Co.: Caterpillar No. 10, Auto Patrol, $3505; delivery 15 days; 2% 30 days.

Jenison Machinery Co.: Galion, $3505 or $3625 with power control, upholstered seat; plus tax; delivery 15 days; 2% 30 days.

Bids held under advisement.

BIDS OPENED

SACRAMENTO.—Following bids received by the State Purchasing Agent, Sacramento, October 11, under Quotation 12294, Req. 13917, for furnishing one V-type speed show plow for mounting on 4-ton 4-wheel drive truck; f.o.b. Sacramento, Shop 3:

Jenison Machinery Co.: Bros. Model M, $560.50; Bros. Model BD, $548; Wings, Bros. Model 15, $339.40; Bros. Model Hi-lift type, $400.45; delivery in 35 days; deduct $16 if plow and wings are bought together; add $156 for hyd. power on plow and wing.

Western Traction Co.: Frink V Type Model 1585 $299.65; Frink 10FCR, $410.72; delivery in 28 days; 5% 20 days.

A. L. Young Machinery Co.: Good Roads Model 37, $575.50 via rail, 33 days; $514.30 via water, 48 days; Model 43 W, $320.80 via rail; $285.10 via water; add $36.25 for adjustable shoes; deduct $29 if either model is to be attached to a Walter Fink; Good Roads Model 36, $660.80 via rail; $585 via water.

Edward R. Bacon Co.: American E, front axle hitch, $619.75; frame hitch, 651; American Model C, front axel hitch, $554; frame hitch, $588.95; Wings: American Model W, $410.50; American Z10, $795; deduct $1 per cwt. for orders more than 24,000 lbs.; delivery in 30-45 days; 2% 10 days discount.

26—— RAILROADS

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal. —Biasotti Willard & Biasotti, 40 W. Clay St., Stockton, at $7939.29, awarded contract by the Stockton Port District for construction of an extension to the Public Belt Railroad system for the Stockton Port District.

Complete bids published Oct. 15.

28 — FIRE EQUIPMENT

BIDS WANTED

FRESNO.—Until October 31, 11 a.m. bids will be received by the Fresno City Commission, H. S. Foster, City Clerk, City Hall, for furnishing 4500 ft. of 2½-in. double jacketed cotton rubber lined fire hose, coupled in 50-ft. lengths.

Delivery f.o.b. Fresno.

Specifications obtainable from the above office.

29—STREETS AND HIGHWAYS

NOTICE TO BIDDERS

KERN AND LOS ANGELES Counties, Calif.—A representative of the District Office will accompany prospective bidders over the proposed project in Kern and Los Angeles Counties, between ¼-mile south of Kern County line and Fort Tejon, road VI-L.A.-Ker-4-D.A. for which bids are to be received in Sacramento on November 6, 1935.

Said representative will meet prospective bidders at Hotel Lehec, Lehec, California, on Friday, November 1, 1935, at 9 a.m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

BIDS OPENED

YOLO AND SACRAMENTO COS., Cal.—L. C. Seidel, 4722 Market Street, Oakland, at $16 753.40 submitted low bid to the State Highway Commission, Sacramento, for constructing a water supply system, an irrigation system, concrete curbs and gutters, and grading a portion of the roadway btween the M Street subway and the M Street bridge, and between Ben Ali subway and Ben Ali Station, a length of 1.2 miles in Yolo and Sacramento Counties:

The work involves:

(1) 160 M. gals. water;
(2) 630 c.y. rdwy. excav., unclass
(3) 1,950 c.y. struc. excav.;
(4) 1,000 c.y. imported borrow;
(5) 62 sta. finishing rdwy.;
(6) 360 tons untreated crushed gravel or stone (sidewalks);
(7) 7 tons liquid asphalt SC-2 (penetration oil treatment);
(8) 20 tons sand (do);
(9) 4 c.y. Portland cement concrete (pavement);
(10) 750 lbs. bar reinf. steel;
(11) 7 c.y. Class A Portland cement concrete (structures);
(12) 2 each cast steel frames and covers for drop inlets;
(13) 70 l.f. 8-in. CMP;
(14) 353 l.f. 18-in. CMP;
(15) 190 c.y. Class A Portland cement concrete (curbs and gutters);
(16) 84 each culvert markers;
(17) 3.5 c.y. concrete removed and disposed of;
(18) 85 l.f. drilling and casing well (M St. portion);
(19) 85 l.f. do (Ben Ali portion);
(20) 30 l.f. perforating well casing (M St. portion);
(21) 30 l.f. do (Ben Ali portion);
(22) 2 each pump and power units;
(23) 2 each pump houses complete in place;
(24) 7,560 l.f. 2-in. galv. wrought iron or steel water pipe;
(25) 11 each 2-in. brass globe valves;
(26) 11 each valve boxes and covers;
(27) 142 each tree irrigators;
(28) 4 each sprinkler units;
(29) 2 each tank truck loading units.

Total bids follow:

(A) L. C. Seidel, Oakland, $16,753.40.
(B) A. Teichert & Son, Inc., Sacramento, $17,665.65.
(C) J. R. Reeves, Sacramento, $19,073.22.
(D) Robert B. McNair, Oakland, $19,924.75.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$ 1.00	$ 1.50	$ 1.25	$ 1.50
(2).....	.60	.75	.90	1.00
(3).....	1.40	1.50	1.50	1.25
(4).....	.90	.57	.60	1.50
(5).....	5.00	5.00	6.00	7.50
(6).....	4.00	2.40	2.50	3.50
(7).....	25.00	35.00	30.00	40.00
(8).....	4.00	2.50	2.50	5.00
(9).....	14.00	22.50	20.00	12.50
(10).....	.05	.15	.10	.06
(11).....	20.00	27.50	26.00	30.00
(12).....	20.00	40.00	38.00	27.00
(13).....	1.00	1.00	1.00	1.25
(14).....	1.80	2.00	2.20	2.25
(15).....	15.00	22.50	24.00	17.50
(16).....	2.40	3.00	2.90	2.50
(17).....	5.00	7.50	4.00	15.00
(18).....	3.50	4.25	3.80	3.50
(19).....	3.50	4.25	4.00	3.50
(20).....	1.00	1.00	.90	1.00
(21).....	1.00	1.00	.90	1.00
(22).....	800.00	845.00	820.00	1000.00
(23).....	150.00	245.00	270.00	185.00
(24).....	.34	.23	.36	.44
(25.....	5.00	7.50	6.07	3.50
(26).....	4.00	5.00	4.15	4.00
(27).....	4.00	4.55	5.50	5.00
(28).....	160.00	150.00	140.00	235.00
(29).....	50.00	50.00	50.00	50.00

CONTRACT AWARDED

GILA COUNTY, Arizona—Bennett & Taylor, 1978 S. Los Angeles St., Los Angeles, at $36,136.85 awarded contract by the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for 4.218 miles grading on Section C of Route 11, the Payson-Colcord Mountain National Forest Highway, Tonto National Forest, Gila County.

NOTICE TO BIDDERS

STATE OF CALIFORNIA — C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of work will be furnished free with the Special Provisions. Blue prints of the layout and bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on November 6.

IV-Ala-69-Alb. Overhead crossing over the tracks of the S. P. Co., near

El Cerrito Hill in City of Albany.—(PLANS)—No. of sheets, 21; cost, $3.10; total, $2.10.

V-Mon-2-E;Across Thompson Gulch.

(PLANS)—No. of sheets, 5; cost, 50c. (CROSS-SECTIONS) No. of sheets, 12 cost, $1.20; total $1.70.

V-Mon-2-Sal. Undegrade crossing under tracks of S. P. Co. at Salinas. (PLANS)—No. of sheets, 26; cost, $2.60. (CROSS - SECTIONS) No. of sheets, 18; cost, $1.80; total, $4.40.

V1-L. A.-Ker 4-D. A. Bet. ¼ mile south of Kern Co. line and Fort Tejon. (PLANS)—No. of sheets, 30; cost, $3.00. (CROSS-SECTION) No. of sheets, 124; cost, $12.40; total $15.40.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal forms to the office of the State Highway Engineer, P. O. 1499, Sacramento, Calif.

CONTRACT AWARDED

MARICOPA COUNTY, Arizona — Phoenix-Tempe Stone Co., Phoenix, at $25,141 awarded contract by the Arizona State Highway Commission, Phoenix at $25,141 for highway construction on the Tempe-Mesa Highway, F. A. S-A, reopened; (A. F. E. 515. The work, which is located within the city limits of Mesa, consists of widening ½ mile of existing pavement with Portland cement concrete, and is to be completed on or before December 31, 1935.

CONTRACT AWARDED

SAN FRANCISCO—Bayshore Construction Co., 255 Bayshore Blvd., at $2379.60 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,901, and awarded contract for removal of sand from 30th Avenue, between Quintara and Rivera Sts., and from 29th Ave., between Quintara and Rivera Sts., involving 13,200 cu. yds. grading (excavation).

Complete bids follow:

Bayshore Constr. Co.	$2379.60
Chas. L. Harney	2577.90
Max Rosenberg	2776.20
A. O. Field	2842.30
Granfield-Farrar & Carlin	2908.40
Plombo Bros & Co.	2974.50
R. A. Farish	3172.80
L. N. A. Giorgi & Co.	3305.00
A. Wallgren	4494.80
MacDonald & Kahn Co., Ltd.	6147.30

All bidders of San Francisco.

Bids held under advisement.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Ransome Co., 4030 Hollis St., Emeryville, at $2250 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for planing about 4.6 miles of existing asphalt concrete pavement in Alameda County, between the easterly boundary and Greenville, involving 25,000 sq. ft. of planing.

Complete bids follow:

Ransome Co., Emeryville	$2250
A. Teichert & Son, Inc., Sacto.	3125
Asphalt Planing Co., Oakland	2500

Bids Wanted

STATE OF WASHINGTON—Until November 5, 10 a. m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Stevens County:

Grading, draining and surfacing with crushed stone about 4.9 miles of State Road No. 3, Inklers Point to Chewelah, Federal Aid Project No. 52, in Stevens County, involving about 104,660 cubic yards of excavation, 16,820 cubic yards of crushed stone surfacing, 7,715 lineal feet of cable guard rail, 1132 lineal feet of pipe culverts and other items.

Clallam County;

Grading, draining and surfacing with crushed stone about 5.6 miles of State Road No. 9, Sequim to Blyn, Public Works Project Washington No. 1254 in Clallam County, involving about 36 acres of clearing, 196,22 cubic yards of ex[illegible] 18,2[illegible] cubic yards of crushed stone, 99 cubic yards of concrete, 4100 lineal feet of pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

SANTA CLARA COUNTY—0.23 Mi. Grade&Surface—State

SANTA CLARA COUNTY—Earl W. Heple, 494 Delmas Ave., San Jose, at $8,001.50 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for about 0.23 mile grading and surfacing with creek run gravel base in Santa Clara County, between Sunnyvale and Saratoga.

The work involves:

(1) Lump sum, clearing and grubbing right of way.
(2) 100 gals. water.
(3) 300 c. y. roadway excav. unclass.
(4) 160 c. y. structure excavation.
(5) 5,200 c. y. imported borrow, in place.
(6) 9.5 stations finishing roadway.
(7) 750 c. y. creek run gravel base, in place.
(8) 8 tons liquid asphalt, SC-2, in place.
(9) 12 tons screenings, in place.
(10) 10,900 lbs. bar reinforcing steel, in place.
(11) 118 c. y. Class A Portland cement concrete in place (structures).
(12) 7 c. y. dry rubble, in place.
(13) 40 l. f. laminated guard rail, in place.
(14) 8 each guide posts, in place.
(15) 3 each monuments, in place.
(16) 120 c. y. asphalt surfacing removed and disposed of.
(17) 175 c. y. concrete, removed and disposed of.

Total bids follow:

(A) Earle W. Heple, San Jose, $8,001.50.
(B) A. J. Raisch, San Jose, $8,859.50.
(C) Pacific Truck Service, Ltd., San Jose, $8,934.50.
(D) Lee J. Immel, Berkeley, $8,976.00.
(E) Tiffany Constr. Co., San Jose, $9,304.00.
(F) John Jurkovich, Fresno, $9,905.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$300.00	$100.00	$350.00	$350.00	$300.00	$1,000.00
(2)	2.00	1.00	3.00	1.00	2.00	2.00
(3)	.40	.50	1.00	.60	.60	1.00
(4)	1.50	1.00	1.00	1.00	1.50	2.00
(5)	.65	.55	.60	.66	.60	.50
(6)	10.00	5.00	10.00	8.00	10.00	10.00
(7)	.75	.80	.68	1.40	1.00	2.00
(8)	15.00	25.00	12.00	20.00	20.00	20.00
(9)	3.00	4.00	4.00	3.00	5.00	5.00
(10)	.05	.05	.06	.05	.06	.05
(11)	15.00	20.00	20.00	18.00	23.00	20.00
(12)	10.00	10.00	10.00	6.00	6.00	10.00
(13)	1.50	2.50	2.00	1.00	1.00	2.00
(14)	3.00	4.00	2.00	2.50	4.00	2.00
(15)	3.00	4.00	3.50	4.00	4.00	3.00
(16)	1.00	5.00	2.00	2.20	1.50	2.00
(17)	2.00	5.00	3.00	2.20	3.00	2.00

SAN FRANCISCO—Perry St. Sewer Reconstruction—City

SAN FRANCISCO.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $3134.31 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18892, for the reconstruction of the sewer in Perry St., between 4th and 5th Sts., including necessary connection with the existing sewer in Harrison St.

The work involves:

(1) 488 l.f. 12 in. V.C.P. sewer in place;
(2) 115 l.f. 15 in. ditto
(3) 242 l.f. 18 in. ditto
(4) 3 each brick manholes (frames and covers furnished)
(5) 2 each brick manholes, complete
(6) 3 each catchbasins, complete;
(7) 110 l.f. 10 in. V.C.P. culvert, in place;
(8) 60 l.f. 6 in. V.C.P. side sewer, in place;
(9) 60 l.f. 8 in. ditto
(10) 4 each 12x6 in. Y branches;
(11) 3 each 12x8 in. Y branches;
(12) 2 each 15x6 inches Y branches;
(13) 3 each 18x8 in. Y branches.

Total bids follow:

(A) W. J. Tobin, Oakland	$3134.31
(B) Theo. Cohn	3540.50
(C) E. J. Treacy	3692.60
(D) MacDonald & Kahn Co. Ltd.	3715.00
(E) Peter J. McHugh	3822.15
(F) M. J. Lynch	3869.90
(G) Fay Improvement Co.	3988.65
(H) Eaton & Smith	4097.00
(I) W. C. Akard	4348.40
(J) Chas. L. Harney	4508.50
(K) Healy-Tibbitts Constr. Co.	5431.00

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$2.15	$2.75	$2.95	$2.50	$3.00	$2.80	$3.00	$3.00	$3.80	$3.50	$4.25
(2)	2.59	3.50	3.72	3.00	3.45	3.60	3.50	3.50	4.00	4.50	5.00
(3)	3.28	4.00	3.65	4.00	3.85	4.50	4.70	4.00	4.25	5.50	5.50
(4)	80.00	70.00	45.00	72.00	65.00	65.00	66.00	80.00	60.00	80.00	80.00
(5)	95.00	80.00	90.00	90.00	80.00	80.00	100.00	100.00	75.00	100.00	95.00
(6)	85.00	75.00	70.00	80.00	80.00	90.00	94.00	100.00	80.00	90.00	60.00
(7)	1.63	1.00	1.90	2.00	1.70	1.50	1.35	1.75	2.00	1.00	3.50
(8)	.76	.75	1.25	2.00	1.40	1.00	1.00	2.25	1.50	1.00	3.00
(9)	.86	.90	1.50	2.00	1.67	1.50	1.25	2.50	1.75	1.00	3.25
(10)	2.00	1.00	2.50	5.00	4.50	3.50	1.25	2.50	1.50	1.00	5.00
(11)	2.00	2.00	2.50	6.00	3.50	3.50	1.25	3.00	1.50	1.00	5.00
(12)	3.00	2.50	4.00	9.00	5.50	6.00	1.75	4.00	3.00	1.00	8.00
(13)	4.00	3.00	5.80	10.00	8.00	8.00	3.00	6.00	2.00	1.00	10.00

All bids referred to the City Engineer.

BIDS WANTED

SOLANO & NAPA COUNTIES — Until November 13, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 11.2 miles grading and paving with Portland cement concrete in Solano and Napa Counties, between one mile north of Carquinez Bridge and Cordelia.

The work involves:

(1) 2350 M. gals. water;
(2) 69,500 cu. yds. rdwy. excav. unclass.
(3) 1335 cu. yds. ditch excav.;
(4) 4200 cu. yds. struc. excav.;
(5) 520,000 sta. yds. overhaul;
(6) 47 sta. reworking exist. embankment surface;
(7) 10.3 miles preparing exist. rdwy.;
(8) 9 cu. yds. removing conc.;
(9) 285 tons liquid asphalt SC--1A (roadbed seal);
(10) 455 tons asphaltic cement grade E (roadbed seal);
(11) 143,000 cu. yds. selected material;
(12) 142,500 sq. yds. preparing subgrade or pavement;
(13) 590 stations finishing rdwy.;
(14) 353 cu. yds. salvaged surface base;
(15) 1800 tons crusher run base;
(16) 4 tons liquid asphalt MC-2 (prime coat, plant mixed surfacing);
(17) 540 tons mineral aggregate (plant mixed surfacing);
(18) 19 tons liquid asphalt ROMC-4 or 5 (plant mixed surfacing);
(19) 3 tons liquid asphalt MC-3 (seal coat, plant mixed surfacing);
(20) 25 tons screenings (seal coat, plant mixed surfacing);
(21) 405 tons liquid asphalt ROMC-3 or 4 (road mix surface treatment);
(22) 49,200 sq. yds. preparing, mixing and shaping shoulders or roadbed (road mix surface treatment);
(23) 192 tons liquid asphalt SC-2 (penetration oil treatment);
(24) 27,620 cu. yds. class B Portland cement conc. (pavement);
(25) 70 cu. yds. class A Portland cement conc. (structures);
(26) 145 cu. yds. class A Portland cement conc. (ditch lining);
(27) 183,000 lbs. bar reinf. steel (pavement and structures);
(28) 57,708 each pavement dowels;
(29) 2300 each pavement tie bolt assemblies;
(30) 1070 cu. yds. light riprap;
(31) 914 lin. ft. 8 in. C M P;
(32) 378 lin. ft. 12 in. C M P;
(33) 546 lin. ft. 18 in. C M P;
(34) 52 lin. ft. 24 in. C M P;
(35) 76 lin. ft. 36 in. C M P;
(36) 106 lin. ft. 48 in. C M P;
(37) 118 lin. ft. 54 in. C M P;
(38) 10,400 lin. ft. 8-in. perf. metal pipe (underdrains);
(39) 1795 cu. yds. rock filling material (underdrains);
(40) 16 each 8 in. spillway assemblies;
(41) 4 each 12 in. spillway assemblies;
(42) 1609 lin. ft. cleaning and relaying exist. C M P culverts;
(43) 10 cu. yds. class A Portland cement conc. (curbs and sidewalks);
(44) 1067 lin. ft. removing and resetting exist. guard railing;
(45) 0.8 mile removing and resetting exist. property fences;
(46) 5 each drive gates;
(47) 1 only type A-10 double traffic lane pavement crossing device;
(48) 7 each type B-10 double traffic lane pavement crossing devices;
(49) 4 each type C single traffic lane pavement crossing devices;
(50) 14 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the district engineer in San Francisco and Los Angeles.

BIDS OPENED

SAN MATEO, Cal.—H. E. Casey Co., 835 Woodside Way, San Mateo, at $1656.08 on Alt. 1 submitted low bid to the San Mateo City Council October 21, for 18,000 sq. yds. of surfacing on city streets.

Bids were taken as follows:

(Alt. 1) Scarifying, rolling, emulsified asphalt rock screenings and rock chips;
(Alt. 2) Scarifying, rolling, road oil and rock dust.

Complete bids follow:

H. E. Casey Co., San Mateo, (1) $1,656.08; (2) $3162.78.
Independent Constr. Co., Oakland, (1) $2569.90; (2) $1952.90.
Pacific Pavement Co., Ltd., San Francisco, (1) $3349.83; (2) no bid

Bids held under advisement until November 4.

Contract Awarded

CLARK COUNTY, Washington—United Contracting Co., 311 Stock Exchange Bldg., Portland, at $41,726.50 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and asphaltic concrete on about 0.7 mile of State Road No. 8, Vancouver Barracks.

Warren-Northwest, Inc., Portland, at $42,490 submitted second low bid; and H. P. Dorsey, Bellingham, at $45,949 submitted third low bid.

LOS ANGELES—1.5 Mi. Grade and Pave — State

LOS ANGELES.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $116,452.15, as previously reported, submitted low bid to C. H. Purcell, State Highway Engineer, Los Angeles, October 17, for about 1.5 miles of grading and paving with asphalt concrete between Verdugo Rd. and Flintridge Country Club, Los Angeles County.

The work involves:

(1) 77 stations clearing and grubbing right of way;
(2) 650 M. gals. water;
(3) 16,000 c.y. rdwy. excav., unclass;
(4) 10,500 c.y. structural excavation;
(5) 265,000 sta. yds. overhaul;
(6) 27,500 cq. yds. subgrade for pavement;
(7) 77 sta. finishing rdwy.;
(8) 1600 tons mineral aggregate plant mixed surfacing;
(9) 85 tons liquid asphalt MC - 5 or MC - extra heavy plant-mixed surfacing;
(10) 10 tons liquid asphalt MC-2 prime coat plant mixed surfacing;
(11) 10,730 tons asphalt concrete;
(12) 380 c.y. Class A Portland cement concrete;
(13) 23,000 lbs. bar reinf. steel structures and pavement;
(14) 530 each pavement dowels;
(15) 300 c.y. Class A Portland cement concrete structures;
(16) 90 l.f. 18-in. standard centrifugal reinforced concrete pipe;
(17) 350 l.f. 24-in. do;
(18) 240 l.f. 30-in. do;
(19) 170 l.f. 33-in. do;
(20) 170 l.f. 36-in. do;
(21) 780 l.f. 42-in. do;
(22) 1380 l.f. 54-in. do;
(23) 1360 l.f. 57-in. do;
(24) 30 l.f. 18-in. CMP;
(25) 20 l.f. 24-in. CMP;
(26) 100 l.f. cleaning and salvaging existing pipe culverts;
(27) 70 l.f. 6-in. plain concrete pipe;
(28) 1550 c.y. Class A Portland cement concrete curbs, gutters & sidewalks;
(29) 600 sq. yds. asphaltic paint binder;
(30) 8500 lbs. misc. iron and steel;
(31) 900 l.f. curb armor;
(32) 1350 c.y. removing and disposing of concrete.

Total bids follow:

(A) Geo. R. Curtis Paving Co., Los Angeles, $116,452.15.
(B) C. O. Sparks, Los Angeles, $120,198.
(C) Griffith Co., Los Angeles, $124,021.60.
(D) Oswald Bros., Los Angeles, $128,499.60.
(E) J. L. McClain, Los Angeles, $128,597.10.
(F) Gibbons & Reed Co., Burbank, $139,571.
(G) P. J. Akmadzich, Los Angeles, $140,098.60.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$12.50	$10.00	$20.00	$21.00	$25.00	$30.00	$9.20
(2)	1.00	1.00	.60	1.65	1.00	1.50	1.10
(3)	.30	.40	.40	.40	.32	.40	.43
(4)	.85	.60	.50	.80	.80	1.00	.85
(5)	.01	.007	.006	.005	.01	.005	.007
(6)	.10	.11	.10	.10	.10	.10	.12
(7)	3.00	5.00	6.00	3.50	5.00	5.00	6.60
(8)	1.85	2.10	2.00	3.15	2.40	2.20	2.20
(9)	15.00	19.00	15.00	15.00	16.00	18.00	16.00
(10)	23.00	20.00	20.00	30.00	16.00	23.00	17.50
(11)	2.78	2.80	3.00	3.20	2.85	3.90	3.50
(12)	7.20	10.00	7.00	7.50	6.50	7.80	8.30
(13)	.048	.05	.05	.054	.06	.05	.06
(14)	.125	.15	.12	.12	.12	.15	.15
(15)	16.15	20.00	20.00	19.50	20.00	18.50	19.50
(16)	2.35	2.10	2.00	2.30	3.00	2.10	2.45
(17)	2.90	2.65	3.00	3.00	4.00	2.70	3.30
(18)	4.30	3.85	4.00	450	6.00	2.85	4.95
(19)	4.90	4.50	5.00	5.00	7.00	4.60	5.50
(20)	5.60	5.25	5.00	5.75	8.00	5.50	6.90
(21)	6.65	6.30	6.00	6.90	9.00	6.50	8.60
(22)	8.70	8.20	9.00	8.75	10.50	8.70	11.15
(23)	9.65	9.50	10.15	9.70	11.50	9.50	13.45
(24)	1.60	1.50	2.00	2.00	2.00	1.50	1.80
(25)	2.30	2.50	3.00	3.00	3.00	2.25	2.20
(26)	.70	.50	.50	.65	1.00	1.10	.60
(27)	.35	.35	.40	.50	.40	.45	.70
(28)	9.80	11.00	12.00	10.00	8.60	11.50	9.50
(29)	.02	.05	.04	.03	.05	.03	.03
(30)	.11	.15	.14	.125	.11	.15	.12
(31)	.75	1.00	.80	.80	.90	.80	.90
(32)	.72	2.00	2.50	2.50	2.00	3.30	1.70

NOTICE TO CONTRACTORS

SIERRA & NEVADA COUNTIES—The Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, has announced that the grading of 4.267 miles of Section B of Route 27, the Sierraville-Hobart National Forest Highway, Tahoe National Forest, Sierra and Nevada Counties, will be advertised this winter after the ground has been covered with snow, and bids will be received in the spring before snow conditions would permit viewing the project. It will be necessary, therefore, for prospective bidders to immediately inspect the location of the project.

Design has been completed and preliminary quantities plans are available from the above office.

The work will involve:

(1) 30 A. clearing;
(2) 74 A. cleanup clearing;
(3) 114,500 c.y. unclassified excavation;
(4) 7,650 c.y. do for borrow.
(5) 2,010 c.y. do. for structures;
(6) 163,000 sta. yds. overhaul;
(7) 1,580 c.y. mi. borrow haul;
(8) 152 c.y. Class "A" concrete;
(9) 11,940 lbs. reinforcing steel;
(10) 2,786 l.f. C.M.P. in place;
(11) 181 c.y. crushed rock or gravel for backfill:
(12) 1,365 l.f. Type 1 protection ditch;
(13) 600 l.f. welded steel pipe in place;
(14 78 culvert markers;
(15) 82 right of way monuments.

Notice to Contractors

YOSEMITE NATIONAL PARK—The Bureau of Public Roads, 461 Market St., San Francisco, has announced that the following projects in Yosemite National Park will be advertised this winter after the ground has been covered with snow and bids will be received in the spring before snow conditions would permit viewing the projects. It will be necessary, therefore, for prospective bidders to immediately inspect the locations of the projects.

Designs have been completed, and preliminary quantities and plans are available at the office of the Bureau, 807 Sheldon Bldg., 461 Market Street, San Francisco.

The projects are:

Grading 5.8 miles on Sections A-3 and A-4 of Route 3, the Big Oak Flat Road, involving:

(1) 43 A. clearing;
(2) 261,000 c.y. unclassified excavation.
(3) 10,500 c.y. do. for borrow;
(4) 2,470 c.y. do. for structures;
(5) 575 000 sta. yds. overhaul;
(6) 19,200 c.y. mi. haul;
(7) 2,004 c.y. hand-laid rock embankment;
(8) 4,874 l.f. C.M.P.;
(9) 50 c.y. crushed rock or gravel for backfill;
(10) 10 c.y. concrete.
(11) 410 lbs. reinforcing steel;
(12) 7 cast steel grates;
(13) 370 c.y. masonry.

Grading 5.5 miles on Sections A-2 and B-1 of Route 4, the Tioga Road, involving:

(1) 35 A. clearing;
(2) 128,000 c.y. unclassified excavation;
(3) 10,000 c.y. sod excavation;
(4) 11,500 c.y. unclassified excavation for borrow;
(5) 2,000 c.y. do. for structures;
(6) 20,000 sta. yds. overhaul;
(7) 18,000 c.y. mi. borrow haul;
(8) 23,000 c.y. subgrade reinforcement;
(9) 25,000 c.y. mi. subgrade reinforcement haul;
(10) 5,200 c.y. hand laid rock embankment;
(11) 3,564 l.f. C.G.M.P.
(12) 25 c.y. concrete;
(13) 975 lbs. reinforcing steel;
(14) 15 cast steel grates;
(15) 82 c.y. masonry;
(16) 7 Type "A" spillway inlets.

Constructing the South Fork of the Tuolumne River Bridge and approaches on Section A-1 of Route 4, the Tioga Road, involving:

(1) 1,516 c.y. unclassified excavation;
(2) 375 c.y. do. for structures;
(3) 570 c.y. masonry;
(4) 73 c. y. concrete;
(5) 12,500 lbs. reinforcing steel;
(6) 64,000 lbs. structural steel;
(7) 135 l.f. steel handrail.

Bids Wanted

STATE OF WASHINGTON—Until October 29, 10 a. m., bids will be received by L. V. Murrow, Director of Highway, Olympia, for highway construction as follows:

STEVENS COUNTY: Grading, draining and surfacing with crushed stone about 1.9 mi. of State Road No. 3, Colville to Palmer Siding, involving about 24,150 c.y. of excavation; 6,820 c.y. crushed stone surfacing; 30 c.y. of concrete; 528 l.f. pipe culverts; and other items.

PEND OREILLE COUNTY: Grading, surfacing with crushed stone, constructing a light bituminous surface treatment and bituminous retread surface on about 11.7 miles of State Road No. 6, Rogers Pass to Newport, involving about 64 A. clearing; 245,000 c.y. of excavation; 20,290 c.y. crushed stone surfacing; 514 tons bituminous cement; 26 c.y. concrete; 11,345 l.f. cable guard rail; 8 M.B.M. timber and lumber treated; 4,435 l.f. of pipe culverts; and other items.

DOUGLAS COUNTY: Surfacing with crushed stone and constructing a bituminous surface treatment, road mix, and non skid seal on about 6.8 miles of State Road No. 10, Brewster Bridge to Bridgeport, involving about 13,680 c.y. crushed stone surfacing; 1,310 c.y. mineral aggregates; 651 tons bituminous cement; and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

BIDS WANTED

WASHOE COUNTY, Nevada.—Until October 30, 2:30 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in Washoe County, Rt. 17, Sec. A3, between a point approximately 6 miles southeast of Browns and a point approximately 0.6 mile southeast of Browns (Geiger Grade), a length of approximately 4.45 miles.

The work involves:

(1) 131,700 cu. yds. roadway excav;
(2) 137,909 yd. Sta. overhaul;
(3) 140 cu. yds. structural excav;
(4) 4.45 mi. finished roadway;
(5) 95 cu. yds. class A concrete;
(6) 8 cu. yds. class B concrete;
(7) 10,350 lbs. reinf. steel;
(8) 108 lin. ft. 18 in. corr. metal pipe;
(9) 46 lin. ft. 24 in. corr. metal pipe;
(10) 38 lin. ft. 30 in. corr. metal pipe;
(11) 116 each monuments;
(12) 1200 lbs. castings;
(13) 824 lin. ft. remove fence;
(14) 824 lin. feet reconstruct fence;
(15) 14,606 lin. ft. construct fence;
(16) 4 each, standard 14 ft. steel gates.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

CHURCHILL COUNTY, Nevada — Until October 30, 2 p. m., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, Nevada, for the construction of a portion of the State Highway system in Churchill County, Route 2, Sections C2 and C1, between Salt Wells and Sand Springs, a length of approximately 11.69 miles.

The work involves:

(1) 1 each, remove wooden culvert;
(2) 47 lin. ft. remove timber excav;
(3) 118 cu. yds. remove concrete;
(4) 313,620 cu. yds. roadway excav;
(5) 53,759 yd. sta. overhaul;
(6) 83,966 cu. yds. select borrow;
(7) 365 cu. yds. structure excav;
(8) 2.85 mi. subgrade;
(9) 8.84 mi. widen surface;
(10) 11.69 mi. finish roadway;
(11) 11.720 tons cr. gravel or stone surface;
(12) 20 .M ft. b.m. redwood;
(13) 160 cu. yds. culvert backfill;
(14) 45 lin. ft. 18 in. vitrified pipe;
(15) 164 lin. ft. 3 x 2 ft. laminated culvert;
(16) 230 lin. ft. 3 x 3 ft. laminated culvert;
(17) 118 lin. ft. 4 x 2 ft. laminated culvert;
(18) 102 lin. ft. 4 x 3 ft. laminated culvert;
(19) 56 lin. ft. 6 x 3 ft. laminated culvert;
(20) 54 lin. ft. 6 x 6 ft. laminated culvert;
(21) 80 cu. yds. handlaid riprap;
(22) 75 each monuments;
(23) 3 each capartesian well stand pipes;
(24) 2.85 each salvage and relay surface;
(25) 335 tons asph. road material type SC-2;
(26) 65 tons asph. road material type MC-2.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 461 Market St., San Francisco.

BIDS WANTED

MARIN COUNTY—Until October 28, 2 p. m., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211 State Bldg., San Francisco, for constructing crusher run base on portions, applying armor coat to the roadbed, and applying seal coat to the shoulders, on about 1.3 miles in Marin County between Belvedere Crossing and Tiburon.

The work involves:

(1) 25 M gals. water, in place;
(2) 300 c.y selected material, in place;
(3) 1.3 mi. preparing, mixing and shaping roadbed;
(4) 1 500 tons crusher run base, in place;
(5) 660 tons screenings, in place (armor coat);
(6) 21 tons liquid asphalt, SC-1A, in place (armor coat);
(7) 33 tons liquid asphalt, 90-95, in place (armor coat);
(8) 70 tons screenings, in place (seal coat);
(9) 19 tons liquid asphalt, SC-1A, in place (seal coat);
(10) 10 tons liquid asphalt, SC-2, in place (seal coat)

Plans and specifications obtainable from the above office.

BIDS WANTED

SANTA PAULA, Ventura Co., Cal.—Until November 15, 10 a. m., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for new concrete cubicles at the U. S. Post Office, Santa Paula.

Specifications may be obtained from the above office and from the custodian of the Building, Santa Paula.

BIDS OPENED

PANAMA CANAL—Identical bids of $47,000 were received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., October 15, under Schedule No. 3091, for furnishing 20,000 bbls. of Portland cement in paper bags.

The bidders were:

Alpha Portland Cement Co., Easton, Pa.

Coplay Cement Mfg. Co., N. Y. C.

Florida Portland Cement Co., Tampa, Fla.

Lehigh Portland Cement Co., Allentown, Pa.

Lone Star Cement Co., N. Y. C.

North American Cement Corp., N. Y. C.

Pacific Portland Cement Co., San Francisco.

Pennsylvania-Dixie Cement Corp., N. Y. C.

United States Steel Products Co., Washington, D. C.

Vulcanite Portland Cement Co., N. Y. C.

All bidders offered a discount of 10%, 15 days.

MOHAVE COUNTY, Arizona—The Packard Construction Co., Phoenix, at $51,409 awarded contract by the Arizona State Highway Commision, Phoenix, for grading and draining 9.3 miles of the Kingman-Boulder Dam Highway, W.P.S.S. 102-C. A.F.E. 6908. The work begins at the northwest end of the project N.R.S. 102-A, approximately 40 miles northwest of Kingman and extends northwesterly about 9.3 miles.

Notice to Contractors

COCONINO COUNTY, Arizona — The Bureau of Public Roads, 461 Market St., San Francisco, has announced that the project for placing of a crushed rock base course on 12.696 miles of Sections G and H of Route 7, the Oak Creek National Forest Highway, Coconino National Forest, Coconino County, Arizona, will be advertised this winter after the ground has been covered with snow, and bids will be received in the spring before snow conditions would permit viewing the project. It will be necessary, therefore, for prospective bidders to immediately inspect the location of the project and material sources.

Design has been completed and preliminary quantities and plans are available at the office of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco.

The work will involve:

(1) 310 tons applying Government furnished asphaltic material.

(2) 6.5 miles mixing asphalt treated material.

(3) 6,100 c.y. sand for stabilizing.

(4) 6.190 mi. mixing sand and subgrade material.

(5) 26,600 tons crushed rock base course.

(6) 2,400 M. gallons watering. *29

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Phoenix-Tempe Stone Co., Phoenix, Ariz., at $13,797 awarded contract October 15 by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Bisbee streets). The work, which lies within the city limits of Bisbee and extends over a distance of 500 feet, consists of replacing existing pavement with new concrete pavement and constructing a cement rubble masonry retaining wall and is to be completed on or before December 31, 1935.

The principal items and approximate quantities are:

150 c.y. structural excavation;
500 c.y. select material;
275 c.y. cement rubble masonry;
150 l.f. road guard;
2 resetting manhole covers to grade
1300 sq. yds. removal of old pavement;
1750 sq. yds. 6-in. concrete pavement.

J. A. Casson, Phoenix, submitted the second low bid at $14,037.

CONTRACT AWARDED

GRAHAM COUNTY, Ariz.—Borderland Constr. Co., Tucson, at $12,539 awarded contract by the Arizona State Highway Commission, for highway construction on the Gerronimo-Solomonville Highway, F. A. 43, reopened; A. F. E. 542. The work, which is located in the town of Safford, consists of widening existing pavement with Portland cement concrete, and is to be completed on or before December 15, 1935.

Contract Awarded

KING COUNTY, Washington — Erickson Paving Co., 1550 North 34th St., Seattle, at $91,670.50 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, draining, and surfacing on about 3.6 miles of State Road No. 5, Enunclaw East.

Alex Besoloff, Seattle, at $93,615; and Elliott & Co., Seattle, at $94,161 submitted second and third low bids respectively.

Notice to Contractors

COCONINO COUNTY, Arizona — The Bureau of Public Roads, 461 Market St., San Francisco, has announced that the project for construction of a bituminous treated surfacing on Route 8, Hermit Rest and the Headquarters Service Roads and Parking Areas and the bituminous surface treatment of Sections A-1 and A-2 of Route 1, Grand Canyon-Desert View and Sections A-1, A-2, and B of Route 2, Grand Canyon-South Entrance, Grand Canyon National Park, Coconino County, Arizona, will be advertised this winter after the ground has been covered wtih snow, and bids will be received in the spring before snow conditions would permit viewing the project. It will be necessary, therefore, for prospective bidders to immediately inspect the location of the project and the materials sources.

Design has been completed and preliminary quantities and plans are available from the office of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco.

The length of the project is approximately 23 miles, and the work involves:

(1) 40,700 tons crushed rock base course.

(2) 29,600 tons bituminous treated crushed rock.

(3) 350 tons supplemental crushed rock.

(4) 4,770 tons screenings.

(5) 300 tons supplemental screenings.

(6) 1,004 M. gals. watering.

(7) 753 tons applying Government furnished asphaltic material for prime coat and seal coat.

Bids Wanted

COCHISE COUNTY, Arizona—Until 2:30 p. m., Nov. 1, bids will be received by the Arizona State Highway Commission, Phoenix, for improvements to the streets in the town of Lowell on the Benson-Douglas Highway; F. A. 79-I, Schedule 1; A.F.E. 8057.

The work, which is to begin at the east city limits of Bisbee and extend southeasterly through the town of Lowell for a distance of about 0.3 mile, consists of widening and resurfacing the existing pavement with cutback plant mix, and the construction of a cement rubble masonry retaining wall, and a concrete culvert, and is to be completed on or before April 15, 1936.

The items are:

770 cu. yds. structural excav.
150 cu. yds. concrete.
16,800 lbs. reinf. steel.
780 cu. yds. cement rubble masonry.
440 lin. ft. galv. iron pipe handrail.
1 800 tons plant mix.
74 tons cutback asphalt.
8 tons emulsified asphalt.
960 lin. ft. combined curb and gutter.
190 sq. yds. concrete sidewalk.
120 lin. ft. 24-in. C. M. pipe.

Plans may be obtained from the office of the State Highway Engineer, T. S. O'Connell. Certified or cashier's check, 5 per cent. Funds in the sum of $32,943.05 have been programmed for this construction.

Notice to Bidders

VALE PROJECT, Oregon—The Bureau of Reclamation, Custom House, Denver, Colorado, is preparing plans and specifications for the Unity Dam and appurtenant works of the Vale Project, Oregon, and shortly will issue a call for bids to be opened about December 1, 1935.

An advance notice has been sent to prospective bidders in order that they may have an opportunity to consider the work at the site while weather conditions are favorable.

Present estimated quantities of the principal items of work (not including the relocated highway) are:

(1) 70,000 c.y. excavation in open cut, common;

(2) 2,000 c.y. excavation in open cut, rock;

(3) 109,000 c.y. excavation in borrow pits, common;

(4) 17,000 c.y. excavation in borrow pits, rock;

(5) 2,000 c.y. tunnel and shaft excavation;

(6) 17,000 c.y. stripping for dam embankment and borrow pits;

(7) 124,000 c.y. earth fill in dam;

(8) 10,000 c.y. back fill about structures;

(9) 20,000 c.y. rock fill on downstream slope;

(10) 5,000 c.y. rock riprap on upstream slope;

(11) 2,000 c.y. riprap about spillway;

(12) 1,000 c.y. concrete in tunnel, gate chamber and shaft;

(13) 4,000 c.y. concrete in spillway and stilling basin;

(14) 500 c.y. concrete in other parts of dam;

(15) 2,000 l.f. grout holes;

(16) 2 000 cu. ft. pressure grouting;

(17) 440,000 lbs. reinforcement bars;

(18) 3,000 l.f. embankment toe drains and spillway drains;

(19) 220,000 lbs., installing gates, valves, and other metalwork.

The specifications will not cover the furnishing of materials such as cement, reinforcing steel, structural steel, gates, pipe, etc., that will be required for the work. Such materials will be purchased by the Bureau, when required, under separate invitation for bids.

Prospective bidders desiring to visit the site should call at the office of the Bureau in Vale, Oregon.

30—RESERVOIRS & DAMS

BIDS WANTED

ALL-AMERICAN CANAL — Until November 21, 10 a. m., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 644, for the construction of the Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project. The work is located on the Colorado River, about 18 miles northwest of Yuma.

Principal items of work involved are:

(1) 572,000 cy. y. all classes of excavation for dam;
(2) 791,000 c. y. all classes of excavation for desilting works;
(3) 16,000 c. y. all classes of excavation for roads;
(4) 1,079,300 c. y. excavation from borrow pits;
(5) 91,500 sq. yds. preparing earth foundations for concrete;
(6) 60,000 c. y. backfill;
(7) 1 065,000 c. y. compacting embankments;
(8) 182,550 cu. yds. dry-rock paving;
(9) 45,900 c. y. riprap;
(10) 38,000 c. y. gravel fills and blankets;
(11) 47,300 c. y. rock fills on canal embankments;
(12) 10 000 c. y. concrete in concrete piles;
(13) 65,200 c. y. concrete in dam;
(14) 55 100 c. y. concrete in aprons and paving;
(15) 34,700 c. y. concrete in desilting works;
(16) 400 c.f. pressure grouting;
(17) Fabricating and driving, 1710 MFBM untreated timber sheet-piling;
(18) Driving 950 MFBM treated timber sheet-piling;
(19) Driving 5,203,000 lbs. steel sheet-piling;
(20) Placing 182,500 lbs. steel sheet-piling in concrete in trenches;
(21) Driving 13,300 l. f. timber foundation piles;
(22) Driving 113,400 l. f. concrete piles.
(23) Drilling 1600 l. f. grout holes;
(24) Placing 18,255,000 lbs. reinforcement bars;
(25) Placing 419,300 lbs. jet pipe in concrete piles;
(26) Installing 19,300 lin. ft. flexible joint-seals;
(27) Installing 6600 l. f. metal water stops;
(28) Placing 10,900 l. f. mastic filler at tops of sheet-piling;
(29) Laying 2300 l. f. 14 in. and 12 in. clay sewer pipe;
(30) Installing 4650 l. f. timber crests on effluent weirs;
(31) Installing 2450 sq. ft. roofing on building;
(32) Erecting 379,000 lbs. structural steel in bridges;
(33) Installing 1,184,000 lbs. roller gates and hoists;
(34) Installing 1,169,700 lbs. radial gates and hoists;
(35) Installing 813,000 lbs. trash-rack metalwork;
(36) Installing 200,000 lbs. metal handrails;
(37) Installing 2,054,000 lbs. revolving scrapers and drives;
(38) Installing 353,000 lbs. of metal lining in slots of effluent weirs;
(39) Installing 1,400,000 lbs. metal pipe, fittings, and valves;
(40) Installing 94,500 lbs. miscellaneous metalwork;
(41) Installing 1400 sq. ft. metal doors and windows;
(42) Installing 71,300 l. f. electrical metal conduit;
(43) Laying 13 500 l. f. 4-way and 6-way multiple-duct conduit;
(44) Laying 10,000 l. f. parkway cable;
(45) Installing electrical conductors and apparatus.

The work shall commence within 30 calendar days after date of receipt of notice to proceed, and shall be completed within 800 calendar days from the date of receipt of such notice.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Ariz.; Denver, Colo.; or Washington, D. C., at a charge of $5, not returnable.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

PALM SPRINGS, Riverside Co., Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, submitted low bid to the Board of Directors of the Palm Springs Sanitary District, Palm Springs, October 21, at $64,835, using cement concrete pipe, and $71,021, using vitrified clay pipe, for constructing a sanitary sewer system and a sludge digestion type sewage disposal plant. The proposed work involves:

SEWER SYSTEM

16,226 l.f. 8-in. vitrified sewer;
4,919 l.f. 10-in. vitrified sewer;
653 l.f. 12-in. vitrified sewer;
17,499 l.f. 15-in. vitrified sewer;
9 flushing manholes;
92 manholes.

SEWAGE DISPOSAL PLANT

Settling tanks, reinforced concrete. Three tanks in one unit, total 10x30 ft., 16 ft. deep.

Pump house, reinforced concrete floor and foundation; concrete block walls, asphaltic composition roof.

Sludge digester, circular 24-ft. dia., 13 ft. deep. Reinforced concrete construction.

Sludge drying bed, 40x100 ft.; concrete wall (23 c.y. complete).

Percolation beds for purifying effluent, 190x200 ft., excavation and leveling.

The disposal plant will involve in total:

925 c.y. excavation;
150 c.y. reinforced concrete.

Alva J. Smith, Pasadena, and Davidson & Fulmor, Riverside, are the engineers.

Complete total bide, showing totals for vitrified clay pipe and cement concrete, are:

Gogo & Rados, Los Angeles, vitrified, $71,021; concrete, $64,835.
Mike Radich, Los Angeles, $73,716; $67,894.
John Grancich, Los Angeles, $80,659; $75,130.
V. C. K. Constr. Co., Los Angeles, $89,009; $83,534.
Cresmer Mfg. Co., Riverside, $90,567; $76,264.
John Kruly, Los Angeles, $90,491; $83,563.
J. C. Hickey, Alhambra, $91,529; $82,-351.
Hoagland Engineering & Constr. Co., Long Beach, $94,532; $89,719.
A. & B. Constr. Co., Hynes, $94,833; $86,743.
Sutalo & Ramljak, Los Angeles, $97,-636; $79,794.
Concrete Conduit Co., Colton (concrete), $90,428.

33— WATER WORKS

Bids Wanted

BEVERLY HILLS, Los Angeles County—Until Oct. 22, 8 p. m., bids will be received by the Beverly Hills city council for water works improvements to be constructed under PWA Docket No. 1102 (1935). The total cost is $126,459, of which the PWA allocation is $56,906. The proposed work involves:

CONTRACT No. 1—Pipe Lines

5,380 ft. 12-in. cast iron pipe;
5,200 ft. 10-in. cast iron pipe;
2,[illegible] ft. 8-in. cast iron pipe;
18,305 ft. 6-in. cast iron pipe.

CONTRACT No. 2—Concrete Slab and Tennis Courts

Construction of a concrete slab and nine tennis courts over La Cienega Reservoir, with full illumination

The slab will have an area of 75,-700 sq. ft. and will involve 850 cu. yds. of concrete and 50 tons of reinforcing rods.

Each court will have five flood lights four 1500-watt and one 1000-watt lamps.

CONTRACT No. 3—Clarifier Basin and Drain Line

The clarifier will involve 150 cu. yds. concrete and the drain line 2400 ft. 12-in (tile or cement).

CONTRACT No. 4—New Roof on Reservoir No. 3

The roof will be constructed of timber and metal, involving:

28,000 sq. ft. 26-gauge corrugated metal roofing.
30,000 B. ft. lumber.

CONTRACT No. 5—Drilling of a Water Well

The proposed well will be a rotary type gravel envelope type replacement well, 16-in. casing, about 600 ft. in depth.

Plans may be obtained only at the office of the engineers, Taylor and Taylor, 725 South Spring St., Los Angeles, upon deposit of $5, returnable.

34 — PARKS AND PLAYGROUNDS

BIDS REJECTED

HOOD RIVER, Oregon — Treasury Department rejected all bids received by the Custodian, U. S. Post Office, Hood River, for seeding and planting the grounds at the Post Office.

Bids Opened

VALLEJO, Solano Co., Calif.—Scott Company, 243 Minna St., San Francisco, at $1,074 submitted low bid to Custodian, U. S. Post Office, Vallejo, for a lawn sprinkling system at the post office. Second low bid was submitted by Herman Lawson, San Francisco, at $1,137.

Bids held under advisement.

CONTRACT AWARDED

HILLOBORO, Ore. — Jibssen Florest, 9000 SE Division Street, Portland, Ore., at $295, awarded contract by Treasury Dept. for planting and seeding grounds at the U. S. Post Office, Hillsboro, Ore.

PLANNED

SAN JOSE, Santa Clara Co., Cal.—City of San Jose has filed application with the WPA to furnish labor for the construction of two new tennis courts and resurfacing six tennis courts at Backesto Park; two new tennis courts at the Ryland Park and resurfacing of five tennis courts at Holmes and Delmas Sts., San Jose. Estimated cost, $4472.

BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until October 29, 8 p. m., bids will be received by Oliver R. Hartzell, secretary, San Rafael Board of Education, for constructing a fence around the football field on the grounds of the San Rafael High School.

Specifications may be obtained from the Secretary, High School Bldg., Mission and High Sts., San Rafael.

PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

15c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

State Advertises Six Highway Projects

S. F. Residential Permits Reach New High

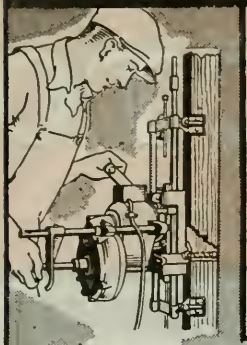
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

vember 2, 1935

Vol. XVIII—No. 44

WAPPAT Electric TOOLS



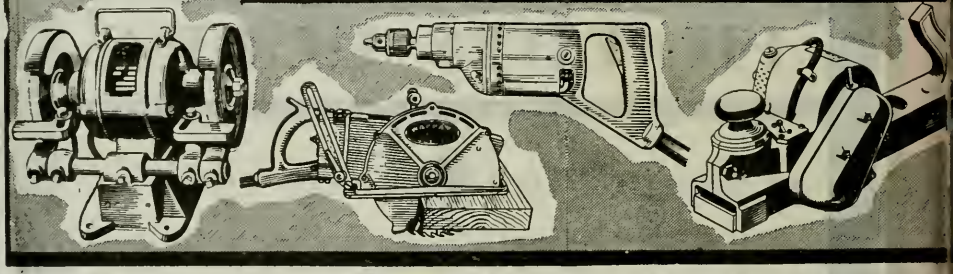
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., NOVEMBER 2, 1935 No. 44

x Highway And Grade Separation Projects Advertised By Commission

SACRAMENTO, Oct. 29—Six contracts for highway and grade sep- ıtion construction were authorized for advertising today by the ate Highway Commission. The projects are located as follows:

Santa Clara County — construc n of an underpass under the uthern Pacific tracks at San se. It will consist of two con- ete abutments and steel super- ucture and grading and paving out 0.14 mile. Bids open in Sac- mento November 20.

Lassen County—grading and ap- ying seal coat on approximately miles between Long Valley eek and 2.8 miles north of Route Bids open in Sacramento No- mber 20.

Monterey County — grading and rfacing with bituminous treated reened river gravel, road-mix ethod, about 1.8 miles between ree miles north of Big Sur and oleras Ranch. Bids open in Sac- mento November 20.

Sacramento County—construction about four-tenths of a mile of rap slope protection between urtland and Freeport. Bids open Sacramento November 20.

Riverside County — construction an overpass over the Southern cific tracks near Beaumont. The erpass will consist of one 70-foot eel plate girder span and four 47- ot steel beam spans on concrete ers with timber pile foundations. ds open in Los Angeles Novem- r 21.

Ventura County — grading and ving with asphalt concrete, Port- nd cement concrete and plant ixed surfacing about 4.8 miles be- een Newbury Park and Conejo eek. Bids open in Los Angeles ovember 21.

REPRESENTATIVE NAMED

Levi C. Oman, 73 Columbia st., attle, Washington, has been ap- inted Pacific Coast representa- e for South Bend Lathe Works South Bend, Indiana, the firm

VALLEY PROJECT ENGINEER SENT TO SACRAMENTO

Walker Young To Open Offices Of Reclamation Service At Capital

Walker R. Young, recently named construction engineer for the Central Valley Water Project, has been ordered to Sacramento to establish headquarters there for the U. S. Reclamation Service, it was reported yesterday in Washington.

Mr. Young has been engaged in the last few weeks in turning over his work as construction engineer of the Boulder Dam Project to Ralph Lowry, his assistant. State Director of Public Works Earl Lee Kelly had not been advised yesterday as to immediate plans of the Reclamation Service for opening offices in Sacramento or of the date on which Mr. Young will arrive.

It is doubtful that the state can provide office space for the reclamation engineers until the new Department of Public Works Bldg. at Twelfth and N streets, Sacramento, is completed some time next year.

Walter Young graduated from the University of Idaho in 1908 and joined the Federal Reclamation Bureau in 1911. He was designing engineer for Arrorock Dam and in 1920 was placed in charge of field investigations for possible dam sites on the Colorado rver.

He supervised investigations for a proposed salt water barrier in San Francisco Bay in 1924 and later was working on the Kittitas division of the Yakima Project. He assumed charge of Boulder Dam construction in 1930.

EARLY START SCHEDULED ON FOUR BIG JOBS

Three Major Contracts Out For Bids; Theatre Awarded

Four building contracts, involving work estimated at $1,127,000, were authorized yesterday in San Francisco and the immediate vicinity. Dates for opening bids on three jobs were fixed, while Stanford University announced construction would start at once on a $583,000 campus theater.

George Wagner, San Francisco general contractor, will superintend the theater construction for the university. The building will be a Class A structure seating 650 in the theater and including a theater school to accommodate 300 students. It was designed by Architects John Bakewell and Arthur Brown, Jr.

The San Francisco Board of Public Works set November 27 as the day to take bids on the last of the city's PWA school building contracts financed under the 1933 program. Bids will be opened on that date for constructing Agassiz elementary unit of twelve classrooms to be located at Bartlett and Twenty-second streets. The building was designed by Architects Masten and Hurd. The estimated cost is $179,000 complete with mechanical equipment.

In Santa Rosa the Sonoma county board of supervisors et November 21 as the date for receiving bids on the contract to construct the county's new hospital building. This is one of the first of the new PWA building projects to be placed on the market for bids. A grant of $110,000 has been allocated toward the work by PWA on an estimated total cost of $245,000. The unit will have a capacity of 200 beds. It was designed by Architect John I. Easterly.

The fourth job scheduled for early letting is an earthquake proofing of Garfield junior high school in Berkeley. The board of education will take bids November 26. The estimated cost is $120,000. Plans were prepared by the firm of Bakewell and Weihe.

BIDS NOV. 13 ON MOCCASIN DIVERSION DAM

First Utilities Job Under New PWA Program Advertised

Bids for construction of the Moccasin Diversion Works of San Francisco's Hetch Hetchy water supply system will be opened November 13 by the Public Utilities Commission, it was announced yesterday. The Federal Public Works Administration has approved a grant of $153,450 for the project on the basis of a total cost of $341,000.

The diversion works, which will be located in Tuolumne county, will consist of a concrete overflow type dam and a concrete conduit to divert waters of Moccasin Creek past the Moccasin Re-regulating Reservoir. The contract includes construction of the dam and conduit complete.

Alternate bidding schedules are provided, calling for a monolythic type conduit or a precast pipe conduit.

Estimate quantities for the job include a total of 4,115 cubic yards of concrete; 4,350 barrels of Portland cement; 1,720 feet of conduit; 45,000 pounds reinforcing steel; 38,000 pounds structural steel, and others.

Facilities to be provided by the city include camp facilities near the job and electric power and water for camp and construction purposes. The city's Hetch Hetchy railroad will be available for the contractor's use.

Industry Code Meeting Called In San Mateo

A meeting of San Mateo County building contractors and craft organizations has been called for November 7 to consider a voluntary code of self-government similar to that already adopted by a number of San Francisco contractor groups. The meeting was announced by Edward Brady, business agent for the San Mateo Building Trades Council. It will be held at the Labor Temple in San Mateo.

Objectives of the San Mateo Code sponsors will be (1) enforcement of recognized wage-hour and working condition agreements; (2) protection against bid shopping and bid peddling; (3) operation of a bid depository; (4) maintenance of fair trade practices, according to Mr. Brady.

Range boiler production during the first nine months of 1935 totaled 599,030 boilers, as compared with 401,321 during the corresponding period last year, the Bureau of the Census reports.

L. A. HIGHWAY BIDS OPENED

LOS ANGELES, Oct. 31. -- Mundo Enginering Co., Los Angeles submitted the low bid to the State Division of Highways here today for constructing a bridge and grade separation at Newport Beach, the largest of three jobs on which bids were received. The bid was $154,922. C. O. Sparks, Los Angeles, submitted low bid of $116,866 for 3.5 miles grading and paving with Portland cement concrete on Rosemead boulevard. Basich Bros., Torrance, were low bidders at $30,430 for grading 0.7 mile at Santa Margarita river in San Diego county.

HANRAHAN CO. LOW BIDDER ON FILL PAVING

Contract Will Complete Route North To Ashby Avenue

SACRAMENTO, Calif., Oct. 30—Low bid for paving the Eastbay approach to the San Francisco-Oakland bay bridge was submitted to the State Division of Highways today by Hanrahan-Wilcox Corp., San Francisco, at $247,253. Seven bids were received.

The contract is for paving the fill between the bridge and Folger avenue, Berkeley, a distance of four miles. An estimated 31,515 tons of asphalt concrete is to be placed.

Following are the total bids:

Hanrahan-Wilcox Corp., San Francisco	$247,253
Union Paving Co., S. F.	263,456
Fredrickson & Watson Construction Co., Oakland	266,412
Peninsula Paving Co., S. F.	268,938
Heafey-Moore Co., Oakland	277,934
A. Teichert & Son, Inc., Sacramento	278,343
Southern California Roads Co., Los Angeles	321,622

The paving will complete the north bridge approach route to a connection with Ashby avenue. Another contract for extension of the dredger fill from Folger avenue to Gilman street in Berkeley has been let to American Dredging Co. The route is to be extended, with funds currently budgeted, to a connection with San Pablo avenue in Richmond near MacDonald avenue. Contracts to be let for rock embankment on the fill extension, for paving the fill, constructing and paving the extension north of Gilman street. A contract is being advertised for constructing an overpass carrying the highway across the Southern Pacific main line tracks in Albany.

September shipments of malleable castings totaled 33,442 net tons, as compared with 21,541 net tons in September, 1934, according to the Bureau of the Census.

CITY'S PERMITS FOR RESIDENCES REACH NEW HIG

Frame Structures Valued $445,000 Started In October

Residential building in San Fra cisco again reached a new hi during October, figures of the Ce tral Permit Bureau showing 1 building permits for frame stru tures with a total value of $44 645. This total exceeds that September the best previous mon in four years, by approximate in four years, by a pproximate forty thousand dollars. The nu ber of permits for the same cla of work in September was 84.

Compared with October a ye ago the last month's totals indica residential building has reached volume three times as great that of the corresponding 1934 p riod.

The total of the city's buildi permits for October is $881,650, e ceeding September by $228,000. is lower than for October a ye ago due to the letter of contrac for three large public buildings that month.

The steady growth in numb and value of permits for fran buildings in the city, which pri cipally are single-family dwelling is shown in the following figure

1935	Number	Valu
January	38	$105,7
February	45	164,0
March	55	214,3
April	76	298,8
May	80	341,4
June	56	249,8
July	66	279,3
August	84	340,3
September	84	383,7
October	107	445,6

Permits for alterations durin October compare favorably wit work of the same classification i October a year ago and in Se tember. The value of these permit last month was $256,418; Octobe 1934, $176,400; September, 193 $198,543.

The largest permit issued la month was for foundations an structural steel work on the ne Pacific Telephone and Telegrap office building being constructe by Monson Brothers.

The city's permits classified a to type of construction for Octobe of 1935 and 1934 are reported b S. J. Rosenbum, head clerk of th Central Permit Bureau as follows

Class.	Oct., 1935 No. P'mts	Oct., 1935 Est. Cost	Oct., 19 No. P'mts.	Oct., 19 Es Cost
A	1	$ 60,358	...	...
B	...	...	1	$120,00
C	19	70,141	6	45,47
Frames	107	445,645	33	116,42
Alterations	440	256,418	411	176,40
Public	2	9,088	3	1,405,22
State	1	40,000	....	...
U.S. Govt.	....	...	....	...
Total	570	$881,650	454	$1,863,62

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

	Owner	Contractor	Amt.
44	Allan	Rahlmann	7000
45	Depaoli	Lindsay	3500
46	Lyceum	Lindgren	11000
47	Depaoli	Lindsay	3500
48	Scheyer	Malloch	1000
49	California	Owner	1000
50	Stern	Barrett	3000
51	McDonough	Owner	4000
52	Peterson	Owner	3500
53	Risdon	Owner	1500
54	Prisinzano	D'Amico	5000
55	Day	Messenger	2500
56	Nelson	Owner	2500
57	Barstow	Coburn	1000
58	Nelson	Owner	3000
59	Pacific	Monson	60358
60	McCrea	Owner	4500
61	Liebman	Owner	8000
62	National	Ostlund	4000
63	Gene	O'Neill	2500
64	Adams	Adams	3000
65	Ravenscourt	Dul'by	8000
66	Stoneson	Owner	3000
67	Stoneson	Owner	3000
68	Stoneson	Owner	3000
69	Guisti	Glaser	1500
70	Cohen	Stromsheim	1000
71	Mittelstadt	Owner	3000
72	Kossler	Cahill	25000
73	Sea Cliff	Spivock	7850
74	Sea Cliff	Spivock	7850
75	American	Wagner	4860
76	Blum	Owner	3000
77	Blum	Owner	3000

ORRAL
144) NW NEWHALL & EVANS Sts. One-story frame cattle corral.
wner—James Allan & Sons, Evans and Third Sts., San Francisco.
ngineer—James M. Smith, 251 Kearny St., San Francisco.
ntractor—H. E. Rahlmann Co., 251 Kearny St. $7000

WELLING
145) W ALEMANY ST. 50 S Theresa St. One-story and basement frame dwelling.
wner—L. Depaoli, 3280 Mission St., San Francisco.
rchitect—Not Given.
ntractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

LTERATIONS
146) NO. 3350 MISSION ST. Alter theatre.
wner—Lyceum Theatre Corp., Prem.
rchitect — L. Chas. Lee, 1648 Wilshire Blvd., Los Angeles.
ntractor — Lindgren & Swinerton, Inc., 225 Bush St., S. F. $11,000

WELLING
147) W ALEMANY STREET 25 S Theresa St. One-story and basement frame dwelling.
wner—L. and J. Depaoli, 3289 Mission St., San Francisco.
rchitect—Not Given.
ntractor—C. T. Lindsay, 140 Duboce Ave., San Francisco. $3500

LTERATIONS
148) NO. 883 CLAY ST. Alter offices.
wner—M. Scheyer, 510 Mission St., San Francisco.
rchitect—Not Given.
ntractor—J. S. Malloch, 666 Mission St., San Francisco. $1000

LTERATIONS
149) THIRD AND ILLINOIS STS. Alter gasoline and oil plant.
Owner—Calif. Penn Oil Co., 1182 Market St., San Francisco.
Architect—W. Adrian, % Owner. $1000

ALTERATIONS
(1150) NO. 550 THIRD ST. Alter warehouse.
Owner—Chas. Stern, % Contractor.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

DWELLING
(1151) NE ELEVENTH AVE. AND Kirkham St. One-story and basement frame dwelling.
Owner—M. McDonough, 148 Randall St., San Francisco.
Architect—C. O. Clausen, % Owner. $4000

DWELLING
(1152) E FIFTEENTH AVE. 35 S Judah St. One-story and basement frame dwelling.
Owner—Arvid Peterson, 1620 Eighth Ave., San Francisco.
Architect—Not Given. $3500

FLATS
(1153) E WEBSTER ST. 50 N Bay St. Two-story and basement frame flats.
Owner—Lillie Risdon, 1324 Portola, San Francisco.
Architect—Not Given.
Contractor—Risdon Bros., 1324 Portola, San Francisco. $7500

DWELLING
(1154) N FRANCISCO ST. 101 W Larkin St. One-story and basement frame dwelling.
Owner—Gandolfo Prisinzano, 700 Mason St., San Francisco.
Architect—Not Given.
Contractor—Tony D'Amico, 2345 Polk St., San Francisco. $5000

ALTERATIONS
(1155) 30 NORTH GATE DRIVE, alter dwelling.
Owner—W. Day, premises.
Contractor—L. Messener, 1507 Lincoln, Berkeley.
Architect—F. W. Dakin, 625 Market. $2500

DWELLING
(1156) N ROMAIN 194 E Corbett; 1-story and basement frame dwelling.
Owner—F. Nelson & Sons, 2901 19th St.
Architect—Not given. $2500

REPAIRS
(1157) 550 DARIEN WAY; repair fire damage to dwell.
Owner—E. M. Barstow, prem.
Architect—Not given.
Contractor—Ira W. Coburn, 2048 Market St. $1000

DWELLING
(1158) N ROMAIN 168 E Corbett, 1-story and basement frame dwell.
Owner—F. Nelson & Sons, 2901 19th Street.
Architect—Not given. $3000

EXCAVATION, ETC.
(1159) SW OTIS AND McCOPPIN Sts. Excavation, footings and structural steel only for six-story Class A telephone exchange.
Owner — Pacific Tel. & Tel. Co., % Contractor.
Plans by Building Dept. of Owner.
Contractor Monson Bros., [illegible] Sixth St., San Francisco. [illegible]

DWELLING
(1160) NE STANYAN AND CLARendon Sts. Two-story frame dwlg
Owner—R. D. McCrea, 952 Folsom St San Francisco.
Architect—G. E. McCrea, 3702 Redwood Road, Oakland. $1500

FLATS
(1161) S JEFFERSON ST. 100 E Fillmore Street. Two-story and basement frame flats.
Owner—Ben Leibman, 1555 Francisco St., San Francisco.
Architect—R. R. Irvine, 3431 Market St., San Francisco. $8000

ALTERATIONS
(1162) NO. 1001 MARKET ST Alter store.
Owner—National Shirt Shop, 7 Stockton St., San Francisco.
Architect—Not Given.
Contractor—Ostlund & Johnson, 1801 Bryant Street. $1000

ALTERATIONS
(1163) NO. 333 GEARY ST. Alter restaurant.
Owner—Gene Compton, Inc., 144 Ellis St., San Francisco.
Architect—Not Given.
Contractor—Daniel O'Neill, 273 Minna St., San Francisco. $2500

DWELLING
(1164) N ULLOA ST. 32 E 34th Ave. One-story and basement frame dwelling.
Owner—E. T. Adams, 2218 21st Ave., San Francisco.
Architect—Not Given.
Contractor — Adams Bros., 2218 21st Ave., San Francisco. $3000

ALTERATIONS
(1165) NO. 1044 MARKET (Pompeii Theatre). Alter theatre.
Owner — Mrs. Ravenscourt, % Contractor.
Architect—F. F. Amandes, 1879 18th Ave., San Francisco.
Engineer—Jas. M. Smith, 251 Kearny St., San Francisco.
Contractor—Fred K. Dupuy, 110 Sutter St., San Francisco. $8000

DWELLING
(1166) S NIAGARA ST. 37 E Cayuga Street. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1167) NE SHAWNEE & DELANO Sts. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect — Chas. R. Strothoff, % Owner. $3000

DWELLING
(1168) S SEMINOLE 85 E Delano St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect — Charles F. Strothoff, % Owner. $3000

ALTERATIONS
(1169) NO. 3220 FILLMORE STREET Alter bakery.
Owner—N. Giusti, 3141 Union Street, San Francisco.

Architect—Not Given.
Contractor—J. P. Glaser & Co., 2480 Union St., S. F. $1500

ALTERATIONS
(1170) NO. 2454 MISSION STREET. Alter store.
Owner—A. Cohen, % Contractor.
Architect—Not Given.
Contractor — Peter Stromsheim, 538 Kirkham St., San Francisco. $1000

DWELLING
(1171) E THIRTY-SECOND AVE. 75 N Moraga St. One-story frame dwelling.
Owner—O. E. Mittelstadt, 808 Rivera St., San Francisco.
Architect—Not Given. $3000

SHED, ETC.
(1172) S BRANNAN ST. 137 E Sixth St. One-story frame shed and offices.
Owner—L. P. Rossier, 206 Sansome St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.
Contractor — Cahill Bros., 206 Sansome St., San Francisco. $25,000

DWELLING
(1173) W TWENTY-FIFTH AVE. 95 N Camino Del Mar. Two-story and basement frame dwelling.
Owner — Sea Cliff Home Builders, 544 Golden Gate Ave.
Architect—Not Given.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco. $7850

DWELLING
(1174) NW TWENTY-FIFTH AVE & Camino Del Mar. Two-story and basement frame dwelling.
Owner — Sea Cliff Home Builders, 544 Golden Gate Ave.
Architect—Not Given.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco. $7850

ALTERATONS
(1175) NO. 540 TENTH ST. Alter warehouse.
Owner — American Rolling Mill Co., Premises.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $4860

DWELLNG
(1176) NE GOETTNGEN ST. 175 SE Silliman St. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given. $3000

DWELLNG
(1177) NE GOETTNGEN ST. 200 SE Silliman St. One-story and basement frame dwelling.
Owner—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given. $3000

ALAMEDA COUNTY

871	Graves	Beckett	5100
872	Rapaport	Larmer	6900
873	Johnson	Owner	4000
874	Hammarberg	Hammarberg	5500
875	Associated	Tarman	3000
876	Meads	Atterwalt	7000
877	Medas	Atterwalt	2500
878	Morrish	Slead	1000
878	Morrish	Stead	1000
880	Dangles	Owner	1400
881	Atlas	Kelly	2600
882	Hazel	Larsen	2000
883	Oliver	Christensen	1000
884	Oliver	Christensen	1000
885	Olney	Van	1300
886	Post	Lossing	1700
887	Walker	Walker	5000
888	Signal	Early	1000
889	Hazel	Larsen	3500
890	Laing	Armstrong	4600
891	Pfrang	Owner	6000
892	Stigen	Owner	1200
893	Atlas	Johnson	1400
894	Atlas	Johnson	3100
895	Lasasso	Kennedy	1000
896	Cobbledick	Early	1000

RESIDENCE
(871) NO. 108 LATHAM SEREET, PIEDMONT. Two-story 6-room residence and garage.
Owner—P. Graves and G. Arnold, 232 Monte Vista Ave., Piedmont.
Architect—F. Confer, 1328 Arch St., Berkeley.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $5100

RESIDENCE
(872) NO. 6 DORMIDERA AVENUE PIEDMONT. Two-story 8-room residence and garage.
Owner—Dr. Walter Rapaport, Napa.
Architect—Not Given.
Contractor—Edw. Larmer. $6900

DWELLING
(873) NO. 3056 WISCONSIN ST., OAKLAND. One-story six-room dwelling.
Owner—O. W. Johnson, 4237 Atlas Ave., Oakland.
Architect—Not Given. $4000

RESIDENCE
(874) NO. 3 PARKSIDE DRIVE, PIEDMONT. One-story 6-room residence and garage.
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
Architect—Not Given.
Contractor—Albert Hammarberg, 2340 Le Conte Ave., Berkeley. $5500

STATION
(875) NO. 494 MOSS AVE., OAKLAND. Steel service station.
Owner—Associated Oil Co., 79 New Montgemery St., San Francisco.
Architect—Not Given.
Contractor—J. Tarman, 5000 Broadway, Oakland. $3000

DWELLING
(876) NO. 1003 KEITH STREET, BERKELEY. One-story 6-room frame dwelling.
Owner—L. G. Meads, New York.
Architect—Not Given.
Contractor — J. P. Atterwalt, 6233 Crown St., Oakland. $7000

DWELLING
(877) NO. 1005 KEITH STREET, BERKELEY. One-story three-room frame dwelling.
Owner—L. G. Meads, New York.
Architect—Not Given.
Contractor — J. P. Atterwalt, 6233 Crown St., Berkeley. $2500

GARAGE
(878) 945 ARLINGTON, Berkeley; private garage.
Owner—W. F. Morrish, prem.
Architect—Not given.
Contractor—F. A. Stead, 3206 Boise. $1000

ADDITIONS
(879) 945 ARLINGTON, Berkeley; additions.
Owner—W. F. Morrish, prem.
Architect—Not given.
Contractor—F. A. Stead, 3206 Boise. $1200

ADDITION
(880) NO. 1141 FIFTY-FIFTH ST., OAKLAND. Addition.
Owner—A. Dangles, Premises.
Architect—Not Given. $1400

ALTERATIONS
(881) FOOT NINETEENTH AVE., OAKLAND. Alterations.
Owner—Atlas Imperial Diesel Engine Co., Premises.
Architect—Not Given.
Contractor—Kelly & Tullock, 335 8th St., Oakland. $2600

ADDITION
(882) 8825 G ST., OAKLAND. Bric addition.
Owner—Hazel Atlas Glass Co., Pren
Architect—Not Given.
Contractor — Larsen & Larsen, 6: Bryant St., San Francisco. $20(

ALTERATIONS
(883) NO.2893 GLASCOCK STREE OAKLAND. Alterations and ac dition.
Owner—Oliver United Filter Co., 4t and Madison Sts., Oakland.
Architect—Not Given.
Contractor — H. J. Christensen Co 1955 Webster St., Oakland. $10(

ALTERATIONS
(884) NO. 2896 GLASCOCK STREE OAKLAND. Alterations and ad dition.
Owner—Oliver United Filter Co., 4t and Madison Sts., Oakland.
Architect—Not Given.
Contractor — H. J. Christensen Co 1955 Webster St., Oakland $10(

REPAIRS
(885) NO. 1118 TRESTLE GLEN RI OAKLAND. Fire repairs.
Owner—D. B. Olney.
Architect—Not Given.
Contractor—W. K. Van Bokkelan, 3: Hobart St., Oakland. $13(

ALTERATIONS
(886) NO. 1203 SPRUCE STREET BERKELEY. Alterations.
Owner—J. R. Post, Premises.
Architect—Not Given.
Contractor—T. H. Lossing, 47 Can von Road, Berkeley. $17(

DWELLING
(887) 870 GRIZZLY PEAK BLVD. BERKELEY. One-story six-roor frame dwelling.
Owner—R. W. Walker, 1831 Arch St Berkeley.
Architect—Mark Daniels.
Contractor—J. M. Walker, 1709 Grov St., Berkeley. $500(

ALTERATIONS
(888) 401 TWENTY-NINTH AVE OAKLAND. Alter service statio
Owner—Signal Oil Co., 2301 Blandin Ave., Alameda.
Architect—Not Given.
Contractor — Fred J. Early Jr., 36 40th St., Oakland. $100

ADDITION
(889) NO. 8825 G STREET, OAK LAND. Steel addition.
Owner—Hazel Atlas Glass Co.
Architect—Not Given.
Contractor — Larsen & Larsen, 62 Bryant St., San Francisco. $350

DWELLING
(890) NO. 2417 CEDAR STREET BERKELEY. Two-story 6-roon frame dwlling.
Owner—Gordon Lang.
Architect—E. L. Snyder, 2101 Shat tuck Ave., Berkeley.
Contractor — J. R. Armstrong, 113 Fleet Road, Oakland. $460

DWELLNG
(891) NO. 6191 OCEAN VIEW DR. OAKLAND. Two-story six-roon dwelling.
Owner—H. C. Pfrang, Premises.
Architect—Not Given. $600(

ALTERATIONS
(892) NO. 1078 UNDERHILLS RD., OAKLAND. Alterations and addition.
Owner—J. D. Stigen, Premises.
Architect—Not Given. $120(

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed

APARTMENTS Cost, $125,000
SAN FRANCISCO, South Line Jackson St. 90 W Laguna.
Seven-story apartment building (28 4-room apts) colored tile baths, stall showers, frigidaires, steel frame and concrete construction; hardwood floors, tar and gravel roof, gas heat.
Owner and Builder—A. Penziner, 750 Taylor St., S. F.
Architect—E. H. Denke, 1317 Hyde St., S. F.
Sub bids will be asked in about 30 days.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED

VERNON, Los Angeles Co.—Stanton-Reed Co., 816 W. Fifth St., Los Angeles, awarded contract for construction of a new lubricants compounding and storage plant on East 26th St., between Soto St. and Downey Rd., Vernon, for Pennzoil Co. The plant consists of the following buildings: Main warehouse, 150x260 feet in area; grease plant, 75x100 feet in area; power plant, compounding rooms and cooper shop, 40x188 feet; garage 50x150 feet; laboratory and raw material storage building, 75x80 feet. Each building will be of structural steel frame and reinforced concrete construction, one-story in height; composition roofing, metal skylights and roof ventilators, steel roof trusses and joints, solid roof sheathing, metal sash, metal sliding doors and fire doors, structural steel, concrete and maple floors, plastering, metal lath, electric wiring, plumbing, cement and tile toilets and showers, sheet metal work, metal lockers, fire prevention and fire extinguishing apparatus, steel storage tanks, concrete tank foundations and loading platforms, asphaltic roadways, wire mesh fencing, 900-foot railway spur facilities, etc. Cost of the entire project is estimated at $200,000; cost of the buildings, exclusive of plant apparatus and equipment, will be approximately $80,000. Plans were prepared by Architect Llewellyn A. Parker, 804 Architect's Building, Los Angeles.

PREPARING PLANS

SANTA MONICA, Los Angeles Co., Cal.—Architect Edward Cray Taylor and Structural Engineer Ellis Wing Taylor, 803 West Third Street, Los Angeles, are preparing engineering plans for a large addition to the Douglas Aircraft Company plant at 3000 Ocean Park Blvd., Santa Monica. Bids for the structural steel will be taken within a few days and bids for other parts of the work, which will probably be handled on a segregated contract basis will be taken later. The addition will be 200x300 feet in area and 40 feet high; concrete footings and floor structural steel forms, sawtooth type roof construction, corrugated iron sides and roof, plastered front on steel studs and metal lath, mezzanine floor with plank and hardwood floors, steel sash, steel rolling doors, etc.

Contract Awarded

ADDITION Cost, $90,000
OAKLAND, Ala. Co., Cal., G St. and 89th Ave.
Reinforced concrete addition to plant (new machinery and equipment, etc.)
Owner—Hazel Atlas Glass Co. (Russell J. Meidel, vice. pres).) 89th Ave. and G St., Oakland.
Plans by Eng. Dept. of owner.
Contractor—Larsen & Larsen, 633 Bryant St., S. F.

Contract Awarded

BOTTLING PLANT Cont. Price, $28,560
SACRAMENTO, Sacramento Co., Cal. SW Cor. Stockton Blvd. and Miller Way.
One-story brick bottling plant (first floor concrete, 2nd, wood construction; composition roof, steel windows.)
Owner—Coca Cola Co.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—C. J. Hopkinson, 1810 28th St., Sacramento.

Contract Awarded

ALTERATIONS Cost, $3000
OAKLAND, Calif. Foot of 19th Ave.
Alterations to building.
Owner—Atlas Imperial Diesel Engine Company.
Architect—Not given.
Contractor—Kelly & Tulloch, 335 8th St., Oakland.

Contract Awarded

ALTERATIONS Cost, $2500
OAKLAND, Calif. 2893 Glascock St.
Alterations and addition to factory.
Owner—Oliver United Filters Co., 4th and Madison Sts., Oakland.
Architect—Not given.
Contractor—H. J. Christensen Company, 1955 Webster St., Oakland.

Contract Awarded

ADDITION Cost, $2500
OAKLAND, Calif., 8225 G St.
Brick addition to factory.
Owner—Hazel Atlas Glass Co., 8825 G. St., Oakland.
Architect—Not given.
Contractor—Larsen & Larsen, 633 Bryant St., S. F.

Contract Awarded.

ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 550 Third St.
Alterations to warehouse.
Owner—Charles Stern.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

5— FLATS

Preparing Working Drawings.

FLATS Cost, 9,500
VALLEJO, Solano Co., Calif.
Two-story and basement frame flats (one 8-room and one 5-room flat) rustic exterior, shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Name withheld.
Architect — Ray Keefer, 770 Wesley, Oakland.
Bids will be asked in about two weeks.

To Be Done By Day's Work.

FLATS Cost, $10,000
SAN FRANCISCO. S Jefferson St. E Fillmore Street.
Two-story and basement frame and stucco flats.
Owner & Builder—Ben Liebman, 1555 Francisco St., San Francisco.

Contract Awarded

FLATS Cost, $8000
SAN FRANCISCO, Calif., E. Webster St. 50 ft. N Bay.
Two-story and basement frame and stucco flats.
Owner—Lillie Risdon, 1324 Portola Dr.
Architect—Not given.
Contractor—Risdon Bros., 1324 Portola Dr.

6—GARAGES & SERVICE STATIONS

Plans Being Figured

SERVICE STATION Cost, $8500
VISALIA, Tulare Co., Calif.
One-story steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Architect—Not given.
Plans by Engineering Dept. of owner.

Plans Being Prepared.

GARAGE Cost, $1,200
OAKLAND, Alameda Co., Calif.
One-story reinforced concrete two car garage.
Owner—Name withhld.
Architect — Ray Keefer, 770 Wesley, Oakland.
Bids will be taken from a selected list of contractors within a few days.

Preparing Preliminary Plans.

ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz County, Calif. Lake and Main Streets.
One-story concrete addition to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

To Be Done by Day's Work

ALTERATIONS Cost, $1500
SAN FRANCISCO, Calif., Third and Illinois Sts.
Alterations to gasoline and oil plant.
Owner—Cal Penn Oil Co., 1182 Market St.
Engineer—W. Adrian, 417 Market St.

Preparing Working Drawings

ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz County, Cal. Lake and Main Sts.
One-story concrete addtion to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., S. F.
Bids will be asked in two or three weeks.

Bids In—Held Under Advisement.
SERVICE STATION Cost, $—
REDWOOD CITY, San Mateo Co., Calif.
One-story reinforced concrete service station.
Owner — Shell Oil Company, Shell Bldg., San Francisco.
Plans by Eng. Dept. of owner (L. Raymond White in charge), Shell Bldg., San Francisco.
Announcement will be made within a few days.

Contract Awarded
SERVICE STATION Cost, $4000
OAKLAND, Calif., 494 Moss Ave.
Steel service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—J. Taraman, 5000 Broadway, Oakland.

Contract Awarded
ALTERATIONS Cost, $1500
OAKLAND, Calif., 401 29th Ave.
Alterations to service station.
Owner—Signal Oil Co., 2301 Blanding Ave., Alameda.
Plans by Eng. Dept. of owner.
Contractor—Fred J. Early, Jr., 366 40th St., Oakland.

Contract Awarded.
SERVICE STATION Cost, $2000
LOMITA PARK, San Mateo Co., Cal.
Service station.
Owner—F. H. Kielman.
Architect—Not Given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

7— FEDERAL BUILDINGS

Property Purchased.
POST OFFICE Cost, $—
WATSONVILLE, Santa Cruz Co., Cal.
Rear of present Post Office.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

CONTRACT AWARDEDu
PEARL HARBOR, T. H. — John Hansen, Honolulu, T. H., at $2213, awarded contract by Public Works Officer, Pearl Harbor, for the flooring in the mess hall at the Naval Hospital, Pearl Harbor.

Complete Bids
POST OFFICE Cost, $89,000
HAYWARD, Alameda Co., Calif. C. and Watkins Sts.
U. S. Post Office Bldg. (one-story and basement (81x62.5 feet; reinforced concrete with copper, bronze and wood trimmings, marble base, tile floors in work rooms; granite entrance stairway, flat asphalt roof, steam heating system, etc.
Owner—United States Government.
Architect—Bliss & Fairweather, Balboa Bldg., S. F.
Low Bidder — Leo Epp, 4745 Geary St., S. F.
Complete bids follow:
Leo Epp, San Francisco $51,877
William Spivock, S. F. 57,100
Frank J. Reilly, S. F. 57,411
K. E. Parker Co., S. F. 58,150
Schuler & McDonald, Oakland 65,991
A. Nelson, Inc., S. F. 100,000
Bids held under advisement.

BIDS REJECTED
COCO SOLO, Canal Zone.—Bureau of Yards and Docks, Navy Department, Washington, D. C., rejected all bids for the construction of buildings, roadsand services at the Naval Ammunition Depot and Naval Submarine Base, Coco Solo, Canal Zone. Specification No. 7821.

Complete bids published Oct. 10, 1935.

CONTRACT AWARDED
GRANTS PASS, Ore.—Lombard & Ludwig, Inc., Washington, D. C., at $92 awarded contract by Treasury Depart for plaster model of the U. S. Post Office for Grants Pass, Ore.

Complete Bids
POST OFFICE Cost, $45,150
MONTEBELLO, Los Angeles Co., Cal.
United States Post Office Bldg.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — W. Roy Ware, 720 S. Painter Ave., Whittier.
Complete bids follow:

W. Roy Ware, Whittier	$40,000	$39,400
Harry F. Miller, Los Angeles	40,000	40,000
L. F. Dow Co., L. A.	41,647	41,022
W. O. Brunzell & Jacobsen &Jacobsen, Los Angeles	41,774	41,024
Theo. A. Beyer Corp., Los Angeles	41,958	41,403
Chas. J. Dorfman, Los Angeles	42,190	41,290
Campbell Constr. Co., Los Angeles	42,839	42,219
W. H. McCune, Monrovia	43,400	42,800
Robert E. McKee, L.A.	44,330	43,830
T. P. Schultz, Compton	44,900	44,000
Atlas Constr. Co. Pasadena	45,800	44,800
Willard Lutz, L. A.	50,000	49,500

BIDS WANTED
SAN DIEGO, Cal.—Until November 29, bids will be received by the Coast Guard Headquarters, Washington, D. C., for the construction of a coast guard air station, North Island, San Diego. Estimated cost, $280,000.

Contracts Awarded.
REDDING, Shasta Co., Cal.—Following awarded contracts by Contracting Office, Redding District CCC, for furnishing construction materials for CCC warehouse and offices:
(1) **Lumber**—Diamond Match Co., Chico, $2772.14.
(2) **Mill Work**—Diamond Match Co., Chico, $342.78.
(3) **Hardware**—Diamond Match Co., Chico, $862.71
(4) **Roofing** — Zellerbach Paper Co., 1213 Front St., Sacramento, $601.60
(5) **FireBoard and Veneer Board** — Sterling Lumber Co., Redding, $316.80.
(6) **Plumbing**—Not Awarded.
(7) **Electric**—General Electric Supply Corp., 1201 Bryant St., San Francisco $490.75.
(8) **Cement** — Stering Lumber Co., Redding, $2147.68.
(9) **Sand and Gravel**—Chas. Diestlehorst, Redding, $1149.50.

Contracts Awarded.
FRESNO, Cal.—Following awarded contracts by Purchasing and Contracting Officer, Fresno District CCC, for furnishing construction materials for rehabilitation of several CCC Camps:
(1) **Lumber**—Standard Lumber & Mill Co., 1710 Blackstone St., Fresno, $893.67.
(2) **Mill Work**—Maisler Bros. Lumber Co., 2244 Railroad St., Fresno, $81.87.
(3) **Hardware** — Valley Lumber Co., Mono and H Sts., Fresno, $99.33.
(4) **Roofing and Floor Covering**—Standard Lumber & Mill Co.; 1710 Blackstone St., Fresno, $264.70.
(5) **Plumbing**—Pioneer Pipe Co., 634 Townsend St., San Francisco.
(6) **Sheet Metal**—Emil Brown Co., 300 E-9th St., Los Angeles, $190.35.
(7) **Cement** — Maisler Bros. Lumber Co., 2244 Railroad, Fresno, $75.90.
(8) **Fibreboard**—Maisler Bros. Lumber Co., 2244 Railroad, Fresno, $51.10.

BIDS OPENED
BOULDER DAM, Nevada — J. B. Martina Co., 3412 West Hayward Pl., Denver, Colorado, at $51,717, submitted low bid to Bureau of Reclamation, Boulder City, for the construction of terrazzo work for the Boulder Dam and Power Plant, Boulder Canyon Project, Arizona-California - Nevada, under specification No. 642.
Complete bids follow:
J. B. Martina Co., Denver, Colorado, $51,717.
Special Service Floor, Inc., San Diego, $57,743.
Consolidated Terrazzo Co., Inc., Los Angeles, $70,623.
Bids held under advisement.

BIDS WANTED
SAN FRANCISCO—Until November 20, 1 P. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for vault entrance in the U. S. Mint, San Francisco.
Plans and specifications may be obtained from above office. No deposit required.

BIDS WANTED
NOGALES, Ariz. — Until November 15, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for insect screens in the U. S. Immigration Station at Nogales, Arizona.
Plans and specifications may be obtained from above office. No deposit required.

CONTRACT AWARDED
SAN FRANCISCO, Calif.—Standard Fence Company, 440 Bayshore Blvd., at $880 awarded contract by Post Office Department for wire screens and window grilles for the U. S. Post Office, 7th and Mission Sts., San Francisco.

BIDS WANTED
SAN DEGO, Calif.—Until November 29, 1 p. m., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for construction of the U. S. Coast Guard Air Station at San Diego. Est. cost $280,000. Plans and specifications may be obtained from above office. No deposit required for one set. A charge of $5 will be made for additional sets.

BIDS WANTED
ALL-AMERICAN CANAL,Arizona - California—Until November 22, 2 p. m. bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 739-D, for air cooling, heating and distributing equipment for office building and dormitory at the Government Camp at the Imperial Dam and Desilting Works, All-American Canal System, Boulder Dam Project.
The camp is located about 14 miles northeast of Yuma, Ariz.
Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Ariz, or Denver, Colo., without charge to prospective bidders; to others $1, not returnable.

BIDS REJECTED
SEATTLE, Wash. — Treasury Department rejected all bids for repointing the exterior wall surfaces of the U. S. Federal Office Building at Seattle. New bids will be asked shortly.
On bid opening lowest bid was submitted by the Mason Supply Co., 2637 SE 12th St., Seattle, Wash., at $39,-862.

Complete Bids.
POST OFFICE Cost, $57,200
VAN NUYS, Los Angeles Co., Calif. Sylvan St., bet. Van Nuys Blvd and Vesper Street.
One- and two-story reinforced concrete post office building (tile roof steam heat, etc.; 72x64 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—V. O. Brunzell and Alex Jacobsen, 14715 La Salle Avenue, Gardena.
Complete bids follow:
V. O. Brunzell and A. Jacobson, Gardena, $46,448.
L. F. Dow Co., Los Angeles, $48,000.
Theo. A. Beyer Corp., Los Angeles, $48,291.
Charles J. Dorfman, Los Angeles, $50,700.
N. A. Anderson, Los Angeles, $51,-660.
Robert E. McKee, Los Angeles, $51 -700.
Wesco Construction Co., Los Angeles, $52,300.
Schuler & McDonald, Oakland, $57,-800.
Byerts & Dunn, Los Angeles, $57,800.
Bids held under advisement.

Complete Bids.
POST OFFICE Cost, $50,000
MADERA, Madera Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder—Frank J. Reilly, 3650 Fulton St., San Francisco.
Complete bids follow:
Frank J. Reilly, San Francisco..$66,431
Taylor-Wheeler, Inc., Fresno.... 66,840
K. E. Parker Co., S. F..... 69,000
A. Nelson, Inc., S. F..... 71,717
W. J. Ochs, Fresno..... 73,496
Bids held under advisement.

BIDS OPENED
SACRAMENTO, Cal. — Newman Bros., Inc., Cincinnati, Ohio, at $978 submitted low bid to Treasury Department, Washington, D. C., for bulletin board and directional signs for the U. S. Post Office, Sacramento.
Complete bids follow:
Newman Bros., Inc., Cincinnati, O., $978.
A. J. Beyer Co., Los Angeles, $996.
McNeil-Steinberg Mfg. Co., S. F., $1291.
Bids held under advisement.

BIDS WANTED
NOGALES, Arizona — Until November 15, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for pipe rail, gate and window grilles at the U. S. Immigration Station, Nogales, Arizona.
Plans and specifications may be obtained from above office. No deposit required.

BIDS OPENED
NAPA, Calif.—B. H. Case, Norwood, Ohio, at $849 submitted low bid to Custodian, Napa Post Office for repairs to driveway, waterproofing, etc., at the Napa Post Office. Complete bids follow:
B. H. Case, Norwood, O..... $849
G. H. Gildersleeve, Napa 890
C. H. Brisbane, Napa 980
Bids were referred to Washington for award.

CONTRACT AWARDED
BALBOA, Canal Zone.—Tucker McClure, P. O. Box 5035, awarded contract at $757,350 by Bureau of Yards and Docks, Navy Dept., Washington, D. C., for construction of administrative building, shops, storage building, barracks building, quarters, nine assembly and storage buildings, surface and subsurface magazines, beacon tower, highway bridge, water tank and tower, distributing systems, roads and walks at the Naval Ammunition Depot, Balboa, Canal Zone; Spec. No. 7819.
The work includes concrete construction, hollow tile work, steel, iron, bronze and aluminum work roofing, waterproofing, sheet metal work, steel windows, steel and metal covered doors, lathing and plastering, carpentry and joinery, plumbing, electrical work, sprinkler and fire alarm systems, and macadam roads.

Low Bidder.
POST OFFICE Cost, $89,000
HAYWARD, Alameda Co., Calif. C. and Watkins Streets.
U. S. Post Office Bldg. (one-story and basement (81x62.5 feet; reinforced concrete with copper, bronze and wood trimmings, marble base, tile floors in work rooms; granite entrance stairway, flat asphalt roof, steam heating system, etc.
Owner—United States Government.
Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.
Low Bidder — Leo Epp, 4745 Geary St., San Francisco.
Three low bids follow. All bidders of San Francisco.
Leo Epp $51,870
William Spivock 57,100
Frank J. Reilly..... 57,411
Complete bids will be published shortly.

8— CLUB BUILDINGS

PLANNED
FRESNO, Cal. — Fresno Lodge of Perfection, Scottish Rite Masons: D. H. Fisher, Secretary, contemplates erecting a new lodge building on the southwest corner of Stanislaus and L Streets, Fresno, at a cost of $250,-000. Construction is scheduled to start the first of next year.

Sub Contracts Awarded
ALTERATIONS Cost, $6896
SACRAMENTO, Sacramento Co., Cal. 15th and K Sts.
Alterations to lodge building.
Owner—Eagles Hall Association.
Architect—Not given.
Contractor—Wm. E. Truesdale, 2116 H St., Sacramento.
Roofing—Bush Roofing Co., 912 K Street.
Plumbing—Harold Dixon, 616 26th Street.
Electric Wiring—Frank R. Merwin, 2623 Donner Way.
Sheet Metal—J. H. Mendenhall, 100 N. 16th St.
Glass—T. E. Cain, 2416 J St.
Iron Grille Work—Palm Iron Wrks., 15th & S Sts.
Trusses—Summerbell Truss Co., 354 Hobart St., Oakland.
Lumber—Capital Lumber Co., 37th and R Sts.
Painting—W. H. Raymond, 2710 Donner Way.
Plastering—S. A. Tuchfarber, 2116 36th St.
Foundation—J. E. Myhren, 859 53rd Street.
All of Sacramento unless otherwise specified.

9— HOSPITALS

CONTRACTS AWARDED
LOS ANGELES, Cal. — L. C. Haystad, 3700 Vantage Ave., North Hollywood, awarded general contract for a Class A hospital building to be built at 304 N. Boyle Ave. for the College of Medical Evangelists. Final working drawings are being completed by Architects Myron Hunt and H. C. Chamberlin, Pasadena, and work is expected to start immediately to be completed in [illegible] months. Other contracts have been awarded as follows: steel framing to Consolidated Steel Corp., electric elevators to Westinghouse Electric & Mfg. Co., [illegible] W. C. Lea, plumbing work to W. H. Cordes, Montrose, [illegible] taken on heating and ventilating, electrical work, tile and marble work, metal stud partitions and metal lathing in all at two weeks. The building will be a four-story and basement, cross-shaped structure, 86x159 feet in area, with a seven-story tower section, steel frame construction, concrete exterior walls, concrete, rubber tile and linoleum floors, sound deadening, etc. The building will provide space for executive offices, two ward floors of 31 beds each, surgery and X-ray floors, etc. Cost, $325,000

CONTRACT AWARDED
MERCED, Cal.—Mark B. Folsom, Merced, at $2423 awarded contract by County Supervisors for construction of additions to male and female help quarters, addition to kitchen of the tubercular ward and remodeling in the detention ward at the Merced General Hospital and for re-roofing of Merced Veterans Memorial Building, Merced. W. E. Bedesen, County Surveyor, Merced.

Commissioned to Prepare Plans
ADDITION Cost, $35,000
MARTINEZ, Contra Costa Co., Calif County Hospital.
One-story reinforced concrete isolation ward addition to county hospital (15 beds).
Owner—County of Contra Costa.
Architect—William Rich, Bank of America Bldg., Oakland.

Plans Awaiting PWA Approval
IMPROVE HOSPITAL $72,000
SALINAS, Monterey Co., Cal. County Hospital.
One-story frame and stucco tuberculosis ward addition (22 bed unit) barracks building to accommodate 50; 20,000 gallon steel tower, new well, etc.; buildings will have composition roof, wood floors, steam heating system to connect to main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 57 Maple St., Salinas.

Plans Awaiting Approval.
ADDITION Cost, $32,000
AUBURN, Placer Co., Cal.
One-story reinforced concrete ward addition to county hospital (8-bed ward); composition roofing, steel sash, steam heating system.
Owner—County of Placer.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans awaiting the approval of the County Board of Supervisors

Plans Being Figured — Bids Close November 21, 1:30 P. M.
HOSPITAL Cost, $245,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc., 200-bed capacity
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer), Courthouse, Santa Rosa.
Plans and specifications may be obtained from the architect upon deposit of $25.

Bids Wanted —To Close Nov. 13
INFIRMARY Cost, $120,000
EUGENE, Oregon.
Three-story reinforced concrete infirmary (46x120 ft) brick exter-

ior, cast stone trim, composition roofing, concrete slab floors, chute conveyors, steam heating system, 1 freight and 1 passenger elevator, fire doors, metal furniture, orn. iron, electric range, refrigeration, skylights, etc.
Owner—University of Oregon.
Architect—Lawrence, Holford & Allyn, Failing Bldg., Portland, Ore.
Bids will be opened by Secretary, State Board of Education, Oregon Bldg., Portland.

12— POWER PLANTS

COST ESTIMATED

PALO ALTO, Santa Clara Co., Cal. —Construction of Diesel electric generating plant of 6000-kw. capacity estimated at $550,000 in report filed with Board of Public Works by L. S. Ready and C. A. Heinze, consulting engineers.

Estimated cost of steam generating plant of 7500-kw. capacity is $838,0000

City has report under consideration in connection with project for which PWA allotted $218,100 grant.

Construction to Start Shortly.

POWER PLANT Cost, $1,800,000
RICHMOND, Contra Costa Co., Calif. (Richmond Refinery).
New steam power plant (to contain 3 steam boilers with maximum working pressure of 900 lbs. per sq. in. and capable of generating 125,000 lbs. of steam per hour, three 4000 Kilowatt steam turbine generators, etc.)
Owner—Standard Oil Company, 225 Bush St., S. F.
Plans by Engineering Dept. of Stone & Webster.
Contractor—Stone & Webster, 1656 Russ Bldg., S. F.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

APPROVED

SAN DIEGO, Calif. — President Roosevelt this week approved a PWA appropriation of $989,528 for the city-county office building to be built in the new civic center at the foot of Ash St. in San Diego. Richard S. Requa, William Templeton Johnson and Louis Gill, architects, all of San Diego.

CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $555.00 awarded contract by Department of Public Works, for acoustical correction for the band practice room No. 10, San Francisco War Memorial Building, Van Ness Ave. and McAllister Street.

Contract Awarded.

ROOFING Cont. Price, $598
PACIFIC GROVE, Monterey Co., Cal.
Tile roofing on library.
Owner—City of Pacific Grove.
Architect—C. Jerry Ryland, National Bank Bldg., Salinas.
Contractor—C. L. Frost Roofing Co., Monterey.
Complete bids follow:
C. L. Frost Rfng. Co., Monterey..$598
Tynan Lumber Co., Monterey..... 598
*J. R. Ockey, Monterey..... 745

Plans Being Figured—Bids Close Nov. 4, 8 p. m.

RESIDENCE Cost, $—
HAYWARD, Alameda Co., Calif.
Two 1-story frame residences (4 rms. each), rustic exterior, hardwood floors, wood sash, etc.
Owner—Mr. Struble.
Architect—George P. Simonds, 192 Main St., Hayward.
Following will submit bids:
H. S. Shain, 54 Arleta Ave., Hayward.
H. W. Suttle, 1701 D St., Hayward.
George Lund, 21696 Montgomery Ave., Hayward.
J. J. Thorup, 227 Main St., Hayward.
C. F. Lodge, 749 Collier Drive., San Leandro.

Commissioned To Prepare Plans.

CITY HALL Cost, $15,000
DAVIS, Yolo Co., Calif.
One-story City Hall.
Owner—City of Davis.
Architect—Starks & Flanders, Forum Bldg., Sacramento.

Preliminary Sketches Completed

CITY HALL Cost, $60,000
SAN LEANDRO, Alameda Co., Calif.
Two-story reinforced concrete city hall (firehouse and police departments).
Owner—City of San Leandro.
Architect—E. P. Whitman, Los Gatos, Calif.
WPA will furnish the labor.

Preparing Preliminary Plans

CIVIC BLDOS. Cost, $30,000
SONORA, Tuolumne Co., Calif.
City Hall, firehouse, library, etc. (reinforced concrete construction.)
Owner—City of Sonora.
Architect—G. N. Hillburn, 1213 I St., Modesto.

BID OPENING POSTPONED

SPOKANE, Wash.—Until November 21, 9:30 a. m., date postponed from Oct. 31, previously reported, bids will be received by the City of Spokane for furnishing f.o.b. Spokane, and supervising installation of three automatically adjustable blade propeller type, hydraulic governors, and all necessary auxiliaries and appurtenances, for the City Water Department.

Specifications obtainable from City Water Supt. Alex Lindsay upon deposit of $5.

F. G. Sutherlin, Commissioner of Public Utilities.

BID OPENING POSTPONED

SPOKANE, Wash.—Until November 21, 9:30 a. m., date postponed from November 7, previously reported, bids will be received by the City of Spokane for furnishing generators, circuit breakers, switchboard panels, and transformers for the Upriver Station of the City Water Department. Work includes three 1625 kv-a generators with exciters and thrust bearings; 7 100,000 kv-a. 15,000 volt, metal clad oil circuit breakers; 7 standard steel switchboard panels; three 25 kv-a transformers, 2400 to 220-110 volts; miscellaneous control and indicating devices, wire cables, and conduit.

Specifications obtainable from the Water Supt. Alex Lindsay upon deposit of $5.

F. G. Sutherlin, Commissioner of Public Utilities.

BID OPENING DATE POSTPONED

MARE ISLAND, Calif.—Until November 6, 11 a. m. (date postponed from Oct. 30) bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C. for 75 Kx, Motor-Generator set and electrical equipment for floating dock at the Navy Yard, Mare Island, Spec. No. 8071.

Plans and specifications may be obtained from above office and from Commandant, Navy Yards, Mare Island, upon deposit of $10.

14— RESIDENCES

To Be Done by Day's Work

RESIDENCE Cost, $5000
SAN FRANCISCO, Calif. NE Stanyan and Clarendon Sts.
Two-story frame and stucco residence.
Owner—R. D. McCrea, 952 Folsom Street.
Architect—G. E. McCrea, 3702 Redwood Road, Oakland.

Contract Awarded

RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Calif. 870 Grizzly Peak Blvd.
One-story and basement frame and stucco residence (6 rooms).
Owner—R. W. Walker, 1831 Aren St., Berkeley.
Plans by Mark Daniels, care owner.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract Awarded

RESIDENCE Cost, $8000
BERKELEY, Calif., 1003 Keith Ave.
One-story frame and stucco residence (6 rooms).
Owner—L. G. Meads, New York City.
Architect—Not given.
Contractor—J. P. Atterwalt, 6233 Crown, St., Oakland.

BIDS WANTED

GRAND COULEE DAM, Wash. — Until November 10, 10 a. m., bids will be received by the Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 738-D, for furnishing and installing weather stripping for sixty residences at the Government Camp at the Grand Coulee Dam, Columbia Basin Project. The camp is located about 22 miles nortwest of Almira, Wash.

Specifications obtainable from the Bureau of Reclamation at Coulee Dam, or at Denver, Colo., without charge to prospective bidders; to others $1.50, not returnable.

Contract Awarded

RESIDENCES Cost, $10,000 each
SAN FRANCISCO, 25th Ave. N Camino Del Mar.
Two-story and basement frame and stucco residences.
Owner—Sea Cliff Home Builders, 544 Golden Gate Ave.
Architect—Not given.
Contractor — William Spivock, 544 Golden Gate Ave.

To Be Done by Day's Work

RESIDENCE Cost, $4000
SAN FRANCISCO, NE Shawnee and Delano.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave.
Architect—Chas. Strothoff, 2274 15th Street.

Plans Completed

ADDITION Cost, $27,000
WOODLAND, Yolo Co., Calif.
Completion of City Hall (frame and stucco construction).
Owner—City of Woodland.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Bids will be asked shortly.

To Be Done by Day's Work

RESIDENCE Cost, $4000
SAN FRANCISCO. S Seminole, 85 E Delano.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave.
Architect—Chas. F. Strothoff, 2274 15th Street.

:ontract Awarded
:ESIDENCE Cost, $10,000
AN MATEO, Calif. Easton Ave.
'wo-story and basement frame and stucco residence.
wner—Florence G. Best, 37 Turnsworth St., Redwood City.
rchitect—Not given.
'ontractor—J. R. Pitsker, 2003 Broadway, Redwood City.

ontract Awarded
RESIDENCE Cost, $—
ERKELEY, Ala. Co., Cal. Claremont District.
wo-story frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, gas or oil heating system, colored tile baths, etc.
wner—Dr. Jacobus, 344 Vincento Rd., Berkeley.
rchitect—Noble and Archie T. Newsom, Russ Bldg., S. F.
ontractor—Jensen & Pedersen, 3443 Adeline St., Oakland.

o Be Done by Day's Work
ESIDENCES Cost, $4000 ea.
AN FRANCISCO. N Romain, E Corbett Ave.
wo 1-story and basement frame and stucco residences.
wner and Builder—F. Nelson & Sons 2901 19th St.
rchitect—Not given.

ontract Awarded
ESIDENCE Cost, $4000
AN FRANCISCO. N Ulloa St. E 34th Ave.
ne-story and basement frame and stucco residence.
wner—E. T. Adams, 2218 21st Ave.
rchitect—Not given.
ontractor—Adams Bros., 2218 21st Ave.

ow Bidder
ESIDENCE Cost, $5000
AKLAND, Alameda Co., Cal., Piedmont Pines.
ne-story and basement frame and stucco residence (five rooms).
wner—Withheld.
rchitect — J. K. Ballantine, 137 Harlan Place, S. F.
ow Bidder—T. D. Courtright, 349 51st St., Oakland.

ontract Awarded.
ESIDENCE Cost, $6000
AN FRANCISCO. N Francisco St. 101 W Larkin St.
ne-story and basement frame and stucco residence.
wner — Gandolfo Prisinzano, 700 Mason St., San Francisco.
rchitect—Not Given.
ontractor—Tony D'Amico, 2345 Polk St., San Francisco.

ub-Contracts Awarded.
ESIDENCE Cost, $6000
ENLO HEIGHTS, San Mateo Co., Calif. Menlo Avenue.
ne-story and basement frame and stucco residence.
wner—Professor M. Savelle.
rchitect—Not Given.
ontractor—A. B. Allen, 1015 Stanford Ave., Palo Alto.
umbing—J. M. Hughes, Palo Alto.
eating—C. E. Ashworth, Palo Alto.
'ater Heater—C. E. Ashworth, Palo Alto.
rick and Stone Work—C. E. Mills, Palo Alto.
umber — McElroy-Chelm Co., Palo Alto.
lastering—Nellson Bros. Los Altos.
inish Materials—Palo Alto Planing Mill, Palo Alto.

o Be Done By Day's Work.
ESIDENCE Cost, $4000
AN FRANCISCO. E Fifteenth Ave. 36 S Judah Street.
One-story and basement frame and stucco residence.
Owner and Builder — Arvid Peterson, 1620 8th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
ALTERATIONS Cost, $3000
SAN JOSE, Santa Clara Co., Calif. No. 244 N. Ninth Street.
Alterations to duplex residence.
Owner—F. W. Cramer, Premises.
Architect—Not Given.
Contractor—F. Bigland, 970 Chapman St., San Jose.

Contract Awarded.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Cal. No. 1570 Calaveras Avenue.
Two-story frame and stucco residence (6 rooms).
Owner—Dr. Milton A. Premo, American Trust Bldg., San Jose.
Architect—Not Given.
Contractor—George Kocher. Graphic Arts Bldg., San Jose.

Plans Being Figured.
RESIDENCE Cost, $12,500
OAKLAND, Alameda Co., Cal. Claremont Pines.
Two-story and basement frame and stucco residence (eight rooms and 3 baths), Spanish style, tile roof, steel sash, oak plank floors, hot air heating system, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Plans Being Refigured.
RESIDENCE Cost, $——
SAN FRANCISCO. Sherwood Forest
Two-story and basement frame and stucco residence.
Owner—Dr. and Mrs. J. D. Delprat, 2005 No. Commerce St.
Architect—Miller & Pflueger, 580 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4500
STOCKTON, San Joaquin Co., Calif. No. 104 Euclid Avenue.
Two-story frame residence.
Owner—T. P. Jenkins, 1018 N-Stockton St., Stockton.
Architect—Not Given.
Contractor—F. P. Dobson, 1150 W. Harding Way, Stockton.

Contract Awarded.
RESIDENCE Cost, $3000
UNIVERSITY PARK, San Mateo Co.
One-story frame residence.
Owner—James L. Delkin, 168 Inner Circle, Redwood City.
Architect—Not Given.
Contractor — J. M. Porter, Box 116, Lake Arrowhead.

Sub-Contracts Awarded.
RESIDENCES Cost, $25,000
GLENBROOK, Nevada.
Two-story wood and stone residence.
Owner — Dr. Hans Lisser, Fitzhugh Bldg., San Francisco.
Architect—John Dinwiddie, 360 Pine St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.
Concrete and Excavation—J. W. Kelloway, Rawhide, Nevada.
Lumber—G. Selio & Son, Meyers.
Painting — H. Tattersfield, 132 Commonwealth St., San Francisco.

Owner Taking Bids
DUPLEX Cost, $—
STOCKTON, San Joaquin Co., Cal.
One-story frame duplex (2 4-room residences) rustic exterior.
Owner—Mr. Wright (Wright Lumber Co) Waterloo and Cherokee Lane, Stockton.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.

Plans Being Figured.
RESIDENCE Cost, $12,000
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Fred Reimers, 244 Post St., San Francisco
Irwin H. Reimers, 831 Sonoma Way Vallejo, is the only contractor figuring the plans.

Plans Being Prepared.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal. Alvarado Road.
Two-story frame residence (6 rooms)
Owner—S. P. Tate.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Ask Bids Within Few Days.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Piedmont Pines.
Two-story frame and stucco residence
Owner—J. W. Morgart.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Owner to Take Bids Shortly
RESIDENCE Cost, $—
BURLINGAME, San Mateo Co., Cal. Burlingables.
One-story and basement frame and stucco residence (5 rooms) shake roof, oak floors, wood sash, tile bath, etc.
Owner—R. Heckford, 604 So. Humboldt St., San Mateo.
Architect—Mario Corbett, Benjamin Franklin Hotel, San Mateo.

To Ask Bids Within Few Days
RESIDENCE Cost, $—
LODI, San Joaquin Co., Calif.
One-story and basement frame residence (6 rooms, 1 bath) shake or shingle roof, verticle boarding, hardwood floors, tile bath, wood sash, 2 car garage, etc. California Ranch type.
Owner—Name withheld.
Architect—Victor Galbraith, 211 E. Acacia St., Stockton.

Plans Being Prepared
RESIDENCE Cost, $11,000
SAN MATEO, Calif. San Mateo Park.
Two-story and basement frame and stucco residence (9 rooms, 3 baths) shake roof, gas heating system oak floors, wood sash, tile baths, etc.
Owner—Name withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked in about one week.

Plans Being Prepared.
RESIDENCE Cost, $——
SONORA, Tuolumne Co. Calif.
One-story frame and stucco residence (6 rooms).
Owner—F. R. Miller.
Architect—G. N. Hilburn, 1213 I St. Modesto.

October 29, 1935

Plans Being Prepared.
RESIDENCE Cost, $2500
OAKLAND, Alameda Co., Cal. Gwinn Road.
One-story frame residence (5 rooms) rustic exterior, shake roof, etc.
Owner—David Bruce.
Architect — Earl MacDonald, 3812 Broadway, Oakland.
Bids will be asked in about one week.

Sub-Contract Awarded.
RESIDENCE Cost, $20,000
LAKE TAHOE, Placer Co., Cal.
Two-story wood and stone mountain

house (7 rooms, 3 baths) shake roof, steel sash, etc.
Owner—Withheld.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.
Mgr. of Constr.—N. R. Mayfield, Tahoe City.
Plumbing—Joe Duffee, Tahoe City.
Electric Wiring—Otto N. Darlin, Tahoe City.
Lumber—Truckee Tahoe Lumber Co.

Plans Being Figured—Bids Close November 7, 4 p. m.
RESIDENCE Cost, $7000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence (7 rooms and 2 baths); tile and composition roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.

Contract Awarded.
RESIDENCE Cont. Price, $4900
HAYWARD, Alameda Co., Calif.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Mr. Gregg.
Architect—Geo. P. Simonds, 192 Main Street, Hayward

Contract Awarded.
RESIDENCE Cost, $5000
HAYWARD, Alameda Co., Cal. Sunset Boulevard.
One-story and basement frame and stucco residence (5 rooms) shake roof, gas hot air heating system, hardwood floors, wood sash, etc.
Owner—Mr. O'Rourk.
Architect—Geo. P. Simonds, 192 Main Street, Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.

CONTRACT AWARDED
ALTERATIONS Cost, $3000
SAN FRANCISCO, No. 30 North Gate Drive.
Alterations to residence.
Owner—W. Day, Premises.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—L. Messenger, 1507 Lincoln St., Berkeley.

Contract Awarded
RESIDENCE Cost, $4100
SAN LEANDRO, Alameda Co., Calif.
One - story wood frame residence (4 rooms) Colonial style, rustic exterior, shingle roof, gas floor furnace, hardwood floors, tile bath, wood sash, etc.
Owner—George Nleman.
Architect—Ray Keefer, 770 Wesley, Oakland.
Contractor—B. F. Woolley, 3933 Fruitvale Ave., Oakland.

Plans Being Completed.
RESIDENCE Cost, $10,000
SAN RAFAEL, Marin Co., Calif., El Camino Terrace.
Two-story frame and stucco residence (10 rooms, 3 baths) tile roof, wood sash, hardwood floors, tile baths, two-car garage, etc.
Owner—Dr. F. M. Cannon, 510 B St., San Rafael.
Architect—H. H. Winner, Wordsworth Ave., Ross.
Bids will be asked in about two weeks.

Bids in—Held Under Advisement.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Claremont District.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, steel sash, gas or oil heating system, colored tile baths, etc.
Owner—Dr. Jacobus, 344 Vicente Rd., Berkeley.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
OAKLAND, Alameda, County, Calif., Claremont Pines.
Two-story and basement frame and stucco residence (10 rooms, three baths) Spanish type; tile roof, hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Stapleton.
Architect—Williams & Wastell, 374 17th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $3850
BURLINGAME, San Mateo Co., Cal. Maple Avenue.
Residence.
Owner—F. S. Saunders.
Architect—Not Given.
Contractor—H. E. Winfrey, Lomita Park.

Low Bidder.
RESIDENCE Cost, $4700
SAN FRANCISCO, SE Silver Ave. and Oxford Street.
One-story and basement frame and stucco residence (5 rooms); tile and composition roof, wood sash R gas heating system, hardwood floors, tile bath, etc.
Owner—Sam Fillipo.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Low Bidder — T. R. Sharman, 3700 Broderick St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Cal Lot 13 Blk 4, Avila Street.
Residence.
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame. 14

October 25, 1935

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN MATEO, San Mateo Co., Calif. Lot 6 Blk 6, Avila Street.
Residence.
Owner and Builder—Geo. H. Arthur, 16 W., Santa Inez St., San Mateo.

Contract Awarded.
RESIDENCE Cont. Price, $5700
ATHERTON, San Mateo Co., Calif.
One-story and basement frame and stucco residence (6 rooms and 2 baths) English type, heavy shingle roof, gas heating system, wood sash, hardwood floors, tile baths, separate garage, etc.
Owner—J. B. Leonard.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor — R. S. Silverberg, 405 Montgomery St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
REDWOOD CITY, San Mateo Co., Cal.
One-story Colonial residence (5 rooms)
Owner—Minor.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—J. E. McCarthy, 50 Hudson St., Redwood City.

To Be Done By Day's Work
RESIDENCE Cost, $5500
SAN JOSE, Santa Clara Co., Calif. 1556 Hester Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—T. Savaker, 1586 Hester Ave., San Jose.
Architect—Not given.

To Be Done by Day's Work
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. 747 N. Third St.
One-story and basement frame and stucco residence (5 rooms).
Owner—Frank Reghetto, 753 E. James St., San Jose.
Architect—Not given.
Contractor—A. R. Valvelli, 1625 Em St., San Jose.

Contract Awarded
RESIDENCE Cost, $5
SAN JOSE, Santa Clara Co., Ca Vine St. near Goodyear St.
One-story and basement frame stucco residence (5 rooms).
Owner—T. Ricca, 252 Willow St., Jose.
Architect—Not given.
Contractor—V. R. Caminetti, 975 V St., San Jose.

To Be Done by Day's Work
RESIDENCE Cost, $7
BERKELEY, Ala. Co., 444 Vassar.
Two-story frame and stucco reside (6 rooms).
Owner and Builder — Milton Bon 583 Spruce St., Berkeley.
Architect—Not given.

Contract Awarded
RESIDENCE Cost, $4
SAN FRANCISCO, Calif. W. Ard wood, 305 ft. N. Sloat Blvd.
One-story and basement frame stucco residence.
Owner—Mrs. Mina Auradou.
Architect—Not given.
Contractor—Standard Building 1500 Judah St.

To Be Done by Day's Work
RESIDENCE Cost, $4
SAN FRANCISCO, Calif., W 43rd A 75 ft. N. Anza St.
One-story and basement frame stucco residence.
Owner and Builder—Standard Bui ing Co., 1500 Judah St.
Architect—Not given.

To Be Done by Day's Work
RESIDENCES Cost, $4000
SAN FRANCISCO, Calif. E. 32, Lawton St.
Three 1-story and basement fra and stucco residences.
Owner and Builder—Standard Bui ing Co., 1500 Judah St.
Architect—Not given.

To Be Done by Day's Work
RESIDENCE Cost, $5
SAN FRANCISCO, Calif. W. Mi mar, 175 ft. S. De Montfort.
Owner and Builder—A. R. Peters 60 Cotter St.
Architect—Not given.

To Be Done By Day's Work.
RESIDENCE Cost, $4
SACRAMENTO, Sacramento Co., No. 501 Forty-fifth Street.
Residence.
Owner and Builder—J. M. Burrou

Preliminary Plans Being Prepared.
RESIDENCE Cost, $—
PIEDMONT, Alameda Co., Cal. U per Piedmont Estates.
Two-story frame and stucco reside (8 rooms and 3 baths) tile ro wood sash, gas heating syste etc.
Owner—Marion Buckley.
Architect—Ed. M. Sharpe, 525 Mar St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $4
OAKLAND, Alameda Co., Cal. 3056 Wisconsin Street.
One-story residence (6 rooms).
Owner and Builder—O. W. Johns 4237 Atlas Ave., Oakland.
Architect—Not Given.

ntract Awarded.
ESIDENCE Cost, $5986
DEMONT, Santa Clara Co., Calif.
Alum Rock Hills District.
e-story brick Colonial residence (6 rooms and 2 baths) shingle roof, pine floors, gas heat, tile baths.
ner—C. F. Holmes, 87 S. 17th St., San Jose.
chitect—Charles McKenzie, Twohy Bldg., San Jose.
ntractor—J. V. N. Gohranson, 10th St. Rt. 2, Box 231, San Jose.
omplete bids published Oct. 11.

ntract Awarded.
ESIDENCE Cost, $5700
HERTON, San Mateo Co., Cal.
e-story and basement frame and stucco residence (6 rooms and 2 baths) heavy shingle roof, gas heating system, wood sash, hardwood floors, tile baths, separate garage, etc.
ner—J. V. Leonard.
chitect—D. E. Jaekle, 126 Post St., San Francisco.
ntractor—R. S. Silverberg, 405 Montgomery St., San Francisco.

Ask Bids Shortly.
ESIDENCE Cost, $——
N FRANCISCO. Sherwood Forest
vo-story and basement frame and stucco residence.
ner—Dr. and Mrs. J. D. Delprat, 2 005 No. Commerce St.
chitect—Miller & Pflueger, 580 Market St., San Francisco.

ntract Awarded.
ESIDENCE Cost, $6900
EDMONT, Alameda Co., Cal. No. 6 Dormidera Street.
vo-story residence and garage (8 rooms).
ner—Dr. Walter Rapaport, Napa.
chitect—Not Given.
ntractor—Edw. Larmer, 90 Fairview Ave., Piedmont.

ntract Awarded.
ESIDENCE Cost, $5100
EDMONT, Alameda Co., Cal. No. 108 Latham Street.
vo-story residence and garage (6 rooms).
vner—P. Graves and G. Arnold, 232 Monte Vista Ave., Piedmont.
chitect—F. Confer, 1328 Arch St., Berkeley.
ntractor—A. T. Beckett, 221 Scenic Ave., Piedmont.

ntract Awarded.
ESIDENCE Cost, $6000
EDMONT, Alameda Co., Cal. No. 3 Parkside Drive.
ne-story and basement frame and stucco residence (6 rooms).
vner—Paul H. Hammarberg, 2530 Hilgard Ave., Berkeley.
chitect—Not Given.
ntractor—Albert Hammarberg, 2340 Le Conte St., Berkeley.

Be Done By Day's Work.
ESIDENCE Cost, $4000
N MATEO, San Mateo Co., Calif.
Lot 9 Blk 8, Seville Way.
esidence.
vner and Builder—Maurice Fosch, 147 14th St., San Mateo.
chitect—Not Given.

ntract Awarded.
ESIDENCE Cost, $——
ERKELEY, Alameda Co., Cal. Cedar St. near Hamilton St.
ne-story and basement frame and stucco residence (6 rooms); shingle roof, gas heating system, hardwood floors, etc.
vner—Gordon Lang.
chitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
ntractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
STOCKTON, San Joaquin Co., Calif.
One-story and basement frame and brick veneer residence.
Owner—G. B. Leonardini, Upper Sacramento Road, Sacramento.
Architect—Not Given.
Contractor—H. W. Johnson, 1229 W. Magnolia St., Stockton.
Roofing—Noble H. Brown Roofing Co. 130 W. Fremont St., Stockton.
Plumbing—B. F. Schirle, 305 E. Edison St., Stockton.
Electric Wiring—Square Electric Co., 1536 S. Grant St., Stockton.
Heating—Fraser Furnace Co., 145 So. San Joaquin St., Stockton.
Sheet Metal—American Sheet Metal Co., 1528 E. Main St., Stockton.
Tile Work—Fisher Tile & Marble Co., 744 E. Weber St., Stockton.
Glass — W. P. Fuller & Co., 218 S. Aurora St., Stockton.
Hardwood Floors—Floid Carmichael, 2432 E. Church St., Stockton.
Iron Grille Work—R. F. Marschall, 834 E. First St., Stockton.
Brick and Stone Work—C. H. Miller, Linden Road, Stockton.
Lumber—Stockton Lumber Co., Stockton.
Painting — Albert Boehme, 1670 W. Flora St., Stockton.
Plastering — Crispin & Grahlman, Stockton.
Finish Materials.— Electric Planing Mill, 545 S. Monroe St., Stockton.
Grading — Biasotti & Willard, 40 W. Clay St., Stockton.

Contract Awarded.
RESIDENCES Cost, $4000
SAN FRANCISCO— W Alemany St. S Theresa Street.
Two one-story and basement frame and stucco residences.
Owner—L. Depaoli, 3280 Mission St., San Francisco.
Architect—Not Given.
Contractor—C. T. Lindsay, 140 Duboce Ave., San Francisco.

Contract to Be Awarded
RESIDENCE Cost, $5067
OAKLAND, Alameda Co., Cal. Chabot Drive.
Two-story and basement fame and stucco residence & garage; hardwood floors, gas heating system.
Owner—Mrs. C. Ringen.
Architect — Earl R. MacDonald 3812 Broadway, Oakland.
Contractor—A. Frederick Anderson, 1518 38th St., Sacramento.

Plans Being Figured—Bids Close Nov. 4th.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Shelton Drive, Piedmont Pines.
California-Colonial residence (6 rooms two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Morgart.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.

15— SCHOOLS

Plans Being Completed
ADDITIONS Cost, $20,000
CORNING, Tehama Co., Cal.
Boiler room, band room and student farmers building (reinforced concrete construction (new central steam heating plant.
Owner—Corning Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans will be sent to the State Division of Architecture for approval within a few days.

Plans Being Completed
HIGH SCHOOL Cost, $71,0[illegible]
SACRAMENTO, Calif.
New High School building (30 class rooms, laboratories, shops, gymnasium, cafeteria and auditorium)
Owner—Sacramento School District
Architect—Starks & Flanders, Forum Bldg., Sacramento
Plans will be sent to the State Division of Architecture for approval in about one week.

Plans Being Completed
SCHOOL ANNEX Cost, $500,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Annex to Junior College (new engineering building, addition to economics, business, geology, enlarge gymnasium, etc.: 25 classrooms)
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Plans will be fordwarded to State Division of Architecture, Sacramento, for approval in about one week.

BOND VOTED
CLARKSBURG, Yolo Co., Calif.—Clarksburg Union High School District voted bonds in the amount of $18,000 October 28. Proceeds to finance construction of an addition at the High School, Clarksburg.
Plans being prepared by Architect Harry Devine, Cronan Bldg., Sacramento.

BOND ELECTION
MORRO, San Luis Obispo Co., Cal.—Morro Union School District will vote on November 12 on a proposal to issue bonds in the amount of $34,000, proceeds to finance construction of new school for the district.

BOND ELECTON
HANFORD, Kings Co., Cal.—Hanford Elementary School District will vote on November 12 on a proposal to issue bonds in the amount of $24,000, proceeds to finance construction of a one-story reinforced concrete elementary school in Hanford. Total cost estimated at $43,047.
Preliminary plans prepared by Architect W. D. Coates, Rowell Bldg., Fresno.

Preparing Preliminary Plans
SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
Elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31th St., Richmond.

Plans Being Completed
SCHOOL Cost, $28,000
DEL PASO, Sacramento Co., Calif
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans will be sent to the State Division of Architecture, Sacramento, for approval within a few days.

Plans Awaiting Approval
SCHOOL Cost, $16,000
AUBURN, Placer Co., Cal.
One-story frame grammar school addition (six classrooms), rustic exterior.
Owner — Auburn Union Grammar School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans are awaiting the approval of the Board of Trustees of the school district.

Bids Wanted — To Close Nov. 27, 2:30 P. M.
SCHOOL Cost, $——
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Structural Engineer — Walter Huber, Crocker First Nat'l. Bank Bldg., San Francisco.
Electrical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Bids are being taken as follows:
General Work—Estimated cost, $130,000; $50 deposit for plans.
Mechanical Equipment and Plumbing Est. cost,$33,000; $25 deposit for plans.
Electrical Work—Est. cost, $16,000; $25 deposit for plans.
General Work includ. Mechanical, Plumbing and Electrical — Est. cost, $179,000; $100 deposit for plans.
Plans and specifications may be obtained from Charles Sawyer, City Architetct, City Hall.

Plans Being Completed.
ADDITION Cost, $94,500
HOQUIAM, Washington.
Addition to school building (3-story extension) reinforced concrete exterior walls, stuccoed, stone trim, stage, 35x60 ft.), locker and shower rooms, skylights over gymnasium, library, etc.
Owner — School Board District 28, Grays Harbor County.
Architect — Earl Morrison, Textile Tower, Seattle, Wash.

BONDS SOLD
LAKE COUNTY, Calif.—Lake County Board of Supervisors, will purchase bonds in the amount of $16,500. Proceeds to finance construction of a one-story frame and stucco grammar school.
Plans prepared by Architects Herbert & Caulkins, Rosenberg Building, Santa Rosa.

Plans Being Completed.
ADDITION Cost, $99,304
SAN FRANCISCO. Thirtieth Ave. near Lawton St.
Eight classroom additions at the Aptos High School.
Owner—City and County of San Francisco.
Architect—Dodge Reidy, 821 Market St., San Francisco.

LOW BIDDER
LOS ANGELES, Cal. — Charles J. Dorfman, 124 N. LaBrea Ave., submitted low bid to Los Angeles Board of Education, at $56,630, for reconstruction, rehabilitation, and strengthening of an addition to the boys' and girls' physical education building at Thomas A. Edison Junior High School, 6500 Hooper Ave. A. R. Walker and A. A. Elsen, 708 Pacific Commerce Bldg., Architects, and Murray Erick, 811 W. Seventh St., Structural Engineer.

Plans Being Figured—Bids Close Nov. 16, 10 a. m.
ADDITIONS Cost, $180,000
SALEM, Oregon.
Additions to Leslie Junior High School (new auditorium & gymnasium.)
Owner—Salem School District.
Architect—Lyle Bartholomew, Salem.
Consulting Architects — Knighton & Howell, U. S. Bank Bldg., Portland.
Plans and specifications may be obtained from the architect upon deposit of $10.

BOND ELECTION
SAN LUIS OBISPO, Cal.—Cayucos School District will vote on November 12 on a proposal to issue bonds in the amount of $18,000, proceeds to finance construction of a new school for the Cayucos School District.

CONTRACT AWARDED
SAN FRANCISCO—D. J. & T. Sullivan, 1942 Folsom St., at $163 awarded contract by Department of Public Works, for moving buildings from the Andrew Jackson School, Hayes St. bet. Clayton and Cole Sts. to the Lowell High School site, Hayes and Ashbury Streets.

CONTRACT AWARDED
SAN FRANCISCO—Star Ornamental Iron Works, 1271 Folsom St., at $541 awarded contract by Department of Public Works for erecting fire escape at the John Swett Junior High School, McAllister Street, between Franklin and Gough Streets.
Complete bids published Oct. 25.

Plans Being Completed
GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Cal.
One-story steel concrete gymnasium.
Owner—Auburn School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans will be sent to the State Division of Architecture, Sacramento, for approval within a few days.

BOND ELECTION
REDDING, Shasta Co., Cal.—Redding Grammar School District will vote on November 22 on a proposal to issue bonds in the amount of $50,000, proceeds to finance construction of a one-story brick and steel grammar school to contain 12 classrooms and auditorium. Preliminary plans prepared by Architect Jens C. Petersen, 812 26th St., Sacramento.

Plans Awaiting PWA Approval.
GYMNASIUM Cost, $40,000
RED BLUFF, Thama Co., Calif.
One-story frame and stucco gymnasium.
Owner—Red Bluff Union High School District.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Plans Being Figured—Bids Close Nov. 26, 8 P. M.
ALTERATION Cost, $120,000
BERKELEY, Alameda Co., Cal. No. 1775 Rose treet.
Alterations to Garfield chool.
Owner—Berekely School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—Thos. F. Chace, Berkeley Board of Education, Berkeley.
Plans and specifications may be obtained from the Secretary, Berkeley Board of Education, Rm. 203, Durant and Milvia Streets, Berkeley, upon deposit of $25.

Plans Awaiting Approval
HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Cal.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium shop); flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans have been sent to the State Division of Architecture, Sacramento, for approval.

BIDS OPENED
SACRAMENTO, Calif.—B. F. Shearer Co., 243 Golden Gate Ave., San Francisco, at $1502.15 submitted low bid for stage equipment for the Lincoln School and General Seating Co. 160 Second St., San Francisco, at $72 submitted low bid for stage equipment for the Land School to Sacramento City Elementary School District. Complete bids follow:
(1) Lincoln School.
(2) Land School.
(3) Total for both schools.
B. F. Shearer, S. F.: (1) $1502.15 (2) $975.80; (3) $2478.30.
General Seating Co., S. F.: (1) $1655.00; (2) $720.00; (3) $2375.
Fred E. Turner, S. F.: (1) $1735.91 (2) $933.41; (3) $2699.32.
Nobby Stage Equipment Co., S. F.: (1) $2290; (2) $1175; (3) $3375.90.
Bids held under advisement.

Plans Completed
SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Sts.
One-story frame and stucco grammar school (10 classrooms and auditorium to seat 500.)
Owner—San Rafael School District
Architect — N. W. Sexton, deYoung Bldg., S. F.

CONTRACT AWARDED
COALINGA, Fresno Co., Calif. — Patton Sheet Metal Works, 312 No. H St., Fresno, submitted only bid and awarded contract by Coalinga Union High School District for furnishing and installing a gas burning furnace in the library building, on the campus of the High School.

BIDS REJECTED
AMBROSE, Contra Costa Co., Cal. —Ambrose School District, rejected bids for the construction of an addition to the Ambrose School.
Application has been filed with the PWA to furnish labor. Plans prepared by Architects Marshall A. Dean, Walnut Creek, and William Rich Bank of America Bldg., Oakland.

BIDS OPENED
SAN FRANCISCO, Calif.—D. J. & T. Sullivan, 1942 Folsom St., at $163 submitted low bid to Department of Public Works for moving buildings from Andrew Jackson School, Hayes St. between Clayton and Cole, to the Lowell High School site, Hayes St. and Ashbury.
Only other bid was submitted by Hanson Bros. at $164.
Bids held under advisement.

BIDS OPENED
SAN FRANCISCO, Calif.—Star Ornamental Iron Works, 1271 Folsom St., at $541 submitted low bid to Department of Public Works, for erecting fire escape at the John Swett Junior High School, McAllister St., between Franklin and Gough. Complete bids follow:
Star Orn. Iron Works.....$541
F. Kern & Sons..... 560
Monarch Iron Works..... 694
Bids held under advisement.

Bonds Voted — Preparing Working Drawings.
SCHOOL ANNEX Cost, $500,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Annex to Junior College (new engineering building, addition to economics, business, geology, enlarge gymnasium, etc.; 25 classrooms).
Owner—Sacramento School District.
Architect—Harry J. Devine, California State Life Bldg., Sacramento.

Bids Wanted—To Close Nov 20, 2:30 p. m.
SCHOOL
SAN FRANCISCO, Florida, Bryant (Sunshine-Buena Vista School).
One-story reinforced concrete school 18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architect — Martin J. Rist, Phelan Bldg.; Charles F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market St.
Structural Engineer—H. J. Brunnier, Sharon Bldg.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Bids are being taken as follows:
General Work—Est cost, $230,000. Dep. for plans, $50.
Mech. equip. and plumbing — Est. cost $27,000. Dep. for plans, $25.
Electrical work—Est. cost $13,000. Dep. for plans, $25.00
General work including mech. plumbing and electrical—Est. cost $270,000. Dep. for plans, $100.
Plans and specifications may be obtained from Chas Sawyer, City Architect, City Hall.

Plans Being Completed.
AUDITORIUM Cost, $35,000
PLEASANTON, Alameda Co., Calif.
One-story reinforced concrete auditorium at Amador Joint High School (to seat approximately 900).
Ownr — Amador Joint Union High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco .
Plans will be forwarded to the State Division of Architecture, Sacramento for approval within one week.

Plans Approvd.
SHOP Cost, $18,000
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building, (128x 70 feet) will contain woodwork shop, 57x38 ft., rooms for painting finishing, metal work, mechanical drawing, printing, classwork and storage.
Owner—Fort Bragg Union High Sch'l District.
Architect — Norman R. Coulter, 46 Kearny Street, San Francisco.
Bids will be asked in about one week.

Prospective Bidders
ADDITION Cost ,$18,000
SACRAMENTO COUNTY, Cal. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner — Arden Elementary School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Bids close November 5, 8 p.m., as previously reported.
Following have procured plans:
Petersen & Steinbrenner, 1116 O Street, Sacramento;
Lawrence Constr. Co., 5372 9th Ave., Sacramento.

Preparing Preliminary Estimate.
SHOP Cost, $25,000
ROSEVILLE, Placer Co., Cal.
New shop building.
Owner—Roseville Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
The district will apply to the WPA for aid in financing.

BONDS VOTED
SAN LEANDRO, Alameda Co., Calif. —San Leandro School District voted bonds in the amount of $110,000 October 24th. Proceeds to finance construction of strengthening and repairing the Lincoln, Washington, McKinley and Roosevelt schools in San Leandro.
Preliminary plans prepared by Structural Engineer H. J. Brunnier, Sharon Building, San Francisco.

Sub-Contracts Awarded.
SCHOOL Cost, $36,975
ALBANY,, Alameda Co., Calif.
Two-story reinforced concrete school bldg. (9 classrooms, study room, art room and library) composition roof, steam heating system, etc.
Owner—Albany High School District.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor — C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Roofing—Guy Tyler, 1501 Cedar St., Berkeley.
Plumbing—Carl T. Doell, 467 21st St., Oakland.
Electric Wiring—Fred Schmits, 428 Moss Ave., Oakland.
Heating—George C. Bell, 1825 Gleason Way, Oakland.
Sheet Metal—J. C. Owens, 1612 Carlton St., Berkeley.
Tile Work — Superior Tile Co., 3743 Broadway, Oakland.
Glass—Western Door & Sash Co., 5th and Cypress Sts., Oakland.
Lumber — Hill Lumber & Hardware Co., Albany.
Hardware—Associated Hardware Co., 38th and San Pablo Ave., Oakland
Painting—Jos. J. Burdon & Son, 587 Athol St., Oakland.
Plastering—C. H. Burnett, 865 32nd St., Oakland.
Concrete—Schnoor Bros., 6016 Claremont Ave., Oakland.
Reinforcing Steel—McGrath Steel Co., 354 Hobart St., Oakland.
Metal Pan Forms—Concrete Engineering Co., 1280 Indiana St., S. F.
Patent Window Hardware—Universal Window Co., 950 Parker St., Berkeley.
Blackboards and Cork Carpet—General Seating Co., 160 Second St. San Francisco.
Linoleum—Higgins Awning & Linoleum Co., 2335 Broadway, Oakland

Plans Complete
SCHOOL Cot, $15,000
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner — Prunedale Grammar School District.
Architect—Chas. Butner, 51 Maple St. Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be forwarded to the State Division of Architecture, Sacramento, for approval within few days.

Plans Complete
SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms, auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans will be forwarded to the State Division of Arachitecture, Sacramento for approval within few days

BOND ELECTION
ELK GROVE, Sacramento Co., Cal. --Elk Grove High School District will vote on November 12, on a proposal to issue bonds in the amount of $46,000, proceeds to finance construction of a brick and steel addition to the High School. Total estimated cost is $75,-000.
Preliminary plans prepared by Architect Jens C. Petersen, 812 26th St Sacramento

Bids Wanted—To Close Nov. 13, 10 A. M.
INFIRMARY Cost, $90,000
CORVALLIS, Oregon Oregon State College Campus.
Three-story reinforced concrete infirmary (brick exterior) 124x42 feet
Owner—State of Oregon
Architect—John V. Bennes, 712 Lewis Bldg., Portland.
Plans and specifications may be obtained from the architect upon deposit of $20.

BOND ELECTION
ELK GROVE, Sacramento Co., Cal —Elk Union Grove Grammar School District will vote on November 12, on a proposal to issue bonds in the amount of $16,000, proceeds to finance construction of a one story brick and steel grammar school in Elk Grove.
Preliminary plans prepared by Architect Jens C. Petersen, 812 26th Street, Sacramento.

Planned.
GYMNASIUM Cost, $——
MARYSVILLE, Yuba Co., Cal.
New gymnasium at East Nicolaus Union High School.
Owner—Nicolaus Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
The Board of Education has $12,000 available and application will be filed with the WPA to furnish labor.

BOND ELECTION
FAIR OAKS, Sacramento Co., Cal. —Orangevale School District will vote on November 15, on a proposal to issue bonds in the amount of $9000, proceeds to finance construction of a one story frame school in Fair Oaks.
Preliminary plans prepared by Architect Chas. Dean, California State Life Bldg., Sacramento.

CONTRACT AWARDED
SAN FRANCISCO—O. Monson, 475 6th St., at $5500 awarded contract on cost plus basis under emergency provision of the charter for floor reconditioning at the Lowell High School.

BOND ELECTION
KING CITY, Monterey Co., Cal.— King City Grammar School District will vote on November 14, on a proposal to issue bonds in the amount of $33,000, proceeds to finance construction of structural changes and improvements to the grammar school in King City. Total cost estimated at $60,000.
Preliminary plans prepared by Architect Charles Butner, 51 Maple St., Salinas and Structural Engineer, F. W. Kellberg, 320 Market St., San Francisco.

Plans Being Completed
IMPROVE SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
Structural changes to domestic science building of the Salinas Union High School (1st unit).
Owner—Salinas Union High School District.
Architect—Chas. Butner, 51 Maple St Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., S. F.
Plans will be forwarded to the State Division of Architecture for approval within one week.

BOND ELECTION

GREENFIELD, Monterey Co., Cal. — Greenfield Union School District will vote on November 4, on a proposal to issue bonds in the amount of $20,000, proceeds to finance construction of a four-classroom addition to the Greenfield School. Frame and stucco construction.

Preliminary plans prepared by Architect Chas. Butner, 51 Maple Street, Salinas.

BONDS VOTED

SALINAS, Monterey Co., Calif. — Salinas Union High School District voted bonds in the amount of $146,000 and bonds in the amount of $120,000, on October 25, proceeds to finance construction of the Salinas Junior College and improvements to the various schools in Salinas.

Preliminary plans completed by Architect Chas. Butner, 51 Maple St., Salinas.

Grant of $119,250 approved by the PWA.

NEW BIDS WANTED

HUGHSON, Stanislaus Co., Calif.—Until November 9, 8 p. m., bids will be received by the Hughson Elementary School District for the construction of a boiler room addition to present grammar school in Hughson. No bids were received on the previous bid opening.

Plans and specifications may be obtained from Architect George Sellon, California State Life Bldg., Sacramento, upon deposit of $25.

BONDS VOTED

TONOPAH, Nev. — Tonopah School District No. 20, Nye County, Nevada, affirmed a $10,000 bond issue October 19, proceeds to be used to finance the purchase and installation of a new heating plant in the Tonopah High School. Geo. W. Manington, chairman of the Board of Trustees of the district.

BONDS VOTED

SACRAMENTO, Calif.—Sacramento School District voted bonds in the amount of $715,000, October 24, proceeds to finance construction of a new high school in Sacramento. Proposed building will contain thirty classrooms, laboratories, shops, gymnasium, cafeteria and auditorium. Preliminary plans prepared by Architects Starks and Flanders, Forum Building, Sacramento.

BONDS DEFEATED

LINDEN, San Joaquin Co., Calif.—Linden Union High School District defeated bond issue in the amount o $20,000, proceeds to have financed construction of a new gymnasium at the Linden High School.

To Ask Bids Shortly.

SCHOOL Cost, $45,000

WARM SPRINGS, Alameda Co., Calif.

One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.

Owner — Warm Springs Grammar School District.

Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

CONTRACT AWARDED

LOS ANGELES, Cal. — Monolith Constr. Co., 112 W. Ninth St., awarded contract by Los Angeles Board of Education, at $327,322 (subject to approval of PWA), for construction of an administration building, home economics building and industrial arts building at San Pedro High School, 1221 S. Gaffey St., San Pedro. Gordon B. Kaufmann, 610 Union Bank Bldg., Architect.

Plans Being Completed.

AUDITORIUM Cost, $55,000

OILDALE, Kern Co., Cal.

One-story reinforced concrete auditorium (to seat 1500).

Owner—Standard School District.

Architect — Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

Engineer—L. H. Nishkian, 525 Market St., San Francisco.

16— BANKS, STORES AND OFFICES

Bids Wanted—To Close November 8..

BANK & STORES Cos, $——

NAPA, Napa Co., Calif. Second and Brown Streets.

One-story concrete store building and alterations and additions to bank building (two entrances new bank fixtures, marble and bronze; marble floors, new show windows, new steam heating system, etc.)

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Construction Department of Capital Co., 625 Market St., San Francisco.

Present building on site will be raised.

Bids will be taken from a selected list of contractors.

Contract Awarded

STORE Cost, $2000

OAKLAND, Calif., 2108 Hopkins St.

One-story frame and stucco store building.

Owner— M. Steinhauff, 3009 Lynde St., Oakland.

Architect—Not given.

Contractor — Melrose Builders, 1700 47th Ave., Oakland.

Contract Awarded

ALTERATIONS Cost, $2500

OAKLAND, Calif. 1124 Washington Street.

Alterations to store.

Owner—Feltman & Curme.

Architect—Not given.

Contractor—Henry Brown, 1387 East 32nd St., Oakland.

CONTRACT AWARDED

LOS ANGELES, Calif.—C. L. Peck, Inc., 354 S. Spring St., awarded general contract for modernizing the Consolidated Bldg., a nine-story, class A structure located on the southwest corner of Sixth and Hill Sts., for the Consolidated Office Building Co. G. C Hewitt Co., 741 Glendale Blvd., has the contract for painting Claude Beelman, 1019 Union Bank Bldg., architect. Cost, $30,000

Plans Being Completed.

BANK Cost, $20,000

DALY CITY, San Mateo Co., Calif.

One-story and basement reinforced concrete bank building.

Owner—Capital Co., 625 Market St., San Francisco.

Plans by Architectural Dept. of Owner

Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Bids will be asked in about one week.

Contract Awarded.

COMMUNITY CENTER Contract Price, $7400

FRESNO, Fresno Co., Calif.

One-story, frame and stucco community center building ,tile roof, gas heating system, etc.)

Owner—Chinese Association.

Architect—Chas. Butner, 51 Maple St. Salinas.

Contractor—R. Pedersen, 446 Clark St., Fresno.

Excavation and Foundation Contract Awarded

OFFICE BLDG. Cost, $240,000

SAN FRANCISCO, Otis and McCoppin Sts.

Two-story and basement steel frame office building, face brick exterior, terra cotta trim (132x103 ft.) foundation and frame designed for additional four stories (concrete floors).

Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.

Plans by Engineering Dept. of Owner.

Excavation and Foundations—Monson Bros., 475 6th St., S. F.

General bids will be asked at a later date.

As previously reported, structural steel awarded to Golden Gate Iron Works, 1541 Howerd St. (approximately 560 tons of steel involved).

Sub Contracts Awarded

MARKET Cont. price, $17,550

OAKLAND, Alameda Co., Calif. NE Telegraph Ave. and Sycamore.

One-story reinforced concrete market (60x125 ft.) truss roof, steel rolling doors, plumbing, wiring, painting, etc.

Owner—H. J. Walton.

Architect—S. Heiman, 605 Market St., San Francisco.

Contractor—Daley Bros., 1104 Vancouver Ave., Burlingame.

Concrete—Triberti & Masaro. 888 43rd St., Oakland.

Lumber—Sunset Lumber Co., 400 High St., Oakland.

Grading—Ariss Knapp Co., 961 41st St., Oakland.

Hobart St., Oakland.

Rein. Steel—W. S. Wetenhall, 17th and Wisconsin Sts., S. F.

Trusses—Summerbell Truss Co., 354

Contract Awarded

SHED & OFFICES Cost, $25,000

SAN FRANCISCO, S Brannan., 137 E Sixth St.

One-story frame shed and offices.

Owner—L. P. Rossier, 206 Sansome Street.

Architect—W. D. Peugh, 333 Montgomery St.

Contractor—Cahill Bros., 206 Sansome Street.

October 31, 1935

Sub Contracts Awarded

ADDITION Cost, $5000

SAN JOSE, Santa Clara Co., Calif. 81 E. Santa Clara St.

Addition to store building.

Owner—Dr. Herman Knoche, 688 Miller St., San Jose.

Architect—Not given.

Contractor — H. L. Wold, 1130 North Second St., San Jose.

Roofing—Fred Hoyen.

Electric Wiring—Garden City Electric Co.

Glass—Cobbledick & Kibbe Glass Co.

Lumber—McElroy Cheim Lumber Co.

Hardware—San Jose Hardware Co.

Contract Awarded.

ALTERATIONS Cost, $15,000

STOCKTON, San Joaquin Co., Calif. Main and California Streets.

Alterations to store bldg. new show windows, remodeling, new soda fountain, etc.)

Owner—Owl Drug Co., 657 Mission St., San Francisco.

Plans by Engineering Dept. of Owner.

Contractor—Louis C. Dunn, Monadnock Bldg., San Francisco.

Construction will start within a few days.

Contract Awarded
ALTERATIONS Cost, $5000
SAN FRANCISCO. 1001 Market St.
Alterations to store building.
Owner—National Shirt Shop, 7 Stockton St.
Architect—Not given.
Contractor—Ostlund & Johnson, 1901 Bryant St.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN JOSE, Santa Clara Co., Cal. No. 27 Fountain Street.
Alterations to restaurant.
Owner—Sam Korvonis, Premises.
Architect—Not Given.
Contractor—W. M. Caldwell, 121 Hedding St., San Jose.

TO START WORK SOON
WEST HOLLYWOOD, Los Angeles Co., Cal.—E. A. Ralston, 935 N. Kings Road, will start work soon on the construction of a building at the corner of Sunset Blvd. and Frietas Terrace, West Hollywood, for W. R. Wilkerson. Paul Williams, 3839 Wilshire Blvd., architect. Cost, $60,000.

Plans Being Completed
STORE Cost, $7500
PLACERVILLE, Eldorado Co., Calif.
One-story brick store building (28x100 feet) 2 stores, composition roofing, steel sash, concrete floors with linoleum covering, etc.
Owner—Mason J. Meredith.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be asked in a week or ten days.

Sub Contracts Awarded
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal., No. 1429 Broadway.
Alterations to building.
Owner—American Trust Co., 14th and Broadway, Oakland.
Architect — E. T. Foulkes, 357 12th St., Oakland.
Contractor — George Swanstrom, 1615 78th Ave., Oakland.
Roofing—Bradhoff Roofing Co., 1278 E. 34th St., Oakland.
Plumbing—Wm. Lindwalk, 643 40th St., Oakland.
Electric Wiring—T. L. Rosenberg, 411 Webster St., Oakland.
Sheet Metal—T. Christiansen, 444 Piedmont Ave., Oakland.
Interior Tile Work—Brockhurst Co., 2819 Shattuck Ave., Berkeley.
Exterior Tile Work—Rigney Tile Co. 3012 Harrison St., Oakland.
Iron Grille Work—Moore Dry Dock Co., Ft. Adeline St., Oakland.
Brick and Stone Work — W. H. Wisheropp, 3749 Quigley St., Oakland.
Lumber—California Mill & Lumber Co., Alameda.
Painting — Wm. McPherson, 5615 Miles Ave., Oakland.
Lathing and Plastering—C. H. Burnett, 865 32nd St., Oakland.
Finish Materials—California Mill & Lumber Co., Alameda.

BIDS OPENED
SAN FRANCISCO.—Otis Elevator Company, 1 Beach St., at $2311.80 submitted low bid to Department of Public Works for replacing all bearings with sleeve bearing of gearless elevators in the City Hall. Only other bid was submitted by the Westinghouse Electric Elevator Co., at $2427. Bids held under advisement.

Contract Awarded
ALTERATIONS Cost, $3000
SAN FRANCISCO. 333 Geary St.
Alterations to restaurant.
Owner—Gene Compton, Inc., 141 Ellis Street.
Architect—Not given.
Contractor—Daniel O'Neill, 273 Minna Street.

BIDS OPENED
SAN FRANCISCO — J. Harold Johnson, 639 Brannan St., at $8897, submitted low bid to Department of Public Works for alterations to Assessor's Office, City Hall. Complete bids follow:

J. Harold Johnson	$8897
M. E. Vukicevich	8937
Frank J. Reilly	9321
R. Brandleim & Co.	10,448

Bids held under advisement

17— THEATRES

Construction Started
THEATER Cost, $583,000
PALO ALTO, Santa Clara Co., Cal. Campus of Stanford University, Lasuen, Galvez, Pine and Serra Sts.
Class A memorial theater (theater to seat 650, theater school to accommodate 300) outdoor court, projection room equipment, acoustical treatment, etc.
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown, Jr., 251 Kearny St., San Francisco.
Structural Engineer — C. H. Snyder, 251 Kearny St., S. F.
Mechanical Engineers — Hunter and Hudson, 41 Sutter St., S. F.
Mgr. of Construction—George Wagner, 181 South Park St., S. F.

Sub Contracts Awarded
ALTERATIONS Cost, $2000
OAKLAND, Alameda Co., Cal. No. 516 Eighteenth St.
Architect—Not given.
Contractor— Alfred J. Hopper, 1769 Pleasant Valley Rd., Piedmont.
Lumber & Mill Work—E. K. Wood, Frederick and King Sts., Oakland.
Doors & Sash—Western Door & Sash Co., 2122 Shattuck Ave., Oakland
Electric—Spott Electric Co., 569 19th St., Oakland.
Plastering—J. A. Ramos, 2038 E. 19th St., Oakland.

18—WHARVES & DOCKS

Plans Awaiting PWA Approval.
WHARF, ETC. Cost, $92,000
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Bids will be asked as soon as plans are approved by the PWA

Plans Awaiting PWA Approval.
WHARF Cost, $150,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600x60 feet) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Bids will be taken as soon as plans are approved by the PWA. On previous bid opening lowest bid was submitted by Merritt, Chapman & Scott, at $86,000.

19—MISC. CONSTRUCTION

Contracts Awarded
MORTUARY Cost, $—
MODESTO, Stanislaus Co., Cal., Sixteenth and I Sts.
Two-story and basement wood frame, concrete and tile mortuary (sixteen rooms.)
Owner—Carl Shannon, Modesto.
Architect—Russell Guerne De Lappe, 5905 Keith St., Berkeley.
Work involves Concrete and cement, steel work, glass and glazing, tile work, Oxynite, plastering, painting, roofing structural steel (steel frame and steel trusses) sheet metal and floor covering (cork)
Contractor — C. D. Meissner, 17[illegible] Francis Ave., Modesto, $30,655.
Electric—Hansen's, 609 14th St., Modesto, $2498
Plumbing—D. R. Hoffman, 611 I St., Modesto, $1170.
Heating and Vent.—Turner Hardware Co., 901 N St., Modesto, $5408
Complete bids follow:

GENERAL WORK

C. D. Meissner, Modesto	$30,655
H. Tennyson, Modesto	30,470
Ernest Green, Modesto	33,595

ELECTRIC

Hansen's, Modesto	$2498
Patrick The Plumber, Monterey	2933
H. A. Trueblood, Modesto	3390

PLUMBING

D. R. Hoffman, Modesto	$1170
Hansen's, Modesto	1400
R. C. Rhein, Modesto	1500
H. A. Trueblood, Modesto	1575

HEATING & VENT (Vapor System

R. C. Rhien, Modesto	$3115
Hansen's, Modesto	3585
D. R. Hoffman, Modesto	3868

HEATING & VENT.
(Refrigeration System)

Turner Hardware Co., Modesto	$5408
J. Ward (Westinghouse Rep)	5828

CONTRACT AWARDED
SAN FRANCISCO—J. H. Pomeroy and Raymond Concrete Pile Company, 333 Montgomery St., awarded contract by Golden Gate Bridge Company, for magazine replacements at the Presidio.
Contract awarded on a cost plus basis with a guarantee that the cost will not exceed $117,098.

ELECTION
SAN JOAQUIN COUNTY, Cal — Board of Supervisors has set December 17 as the date for a special election to vote on the formation of a utility district in the southern part of San Joaquin County, to be known as the San Joaquin County Municipal Utility District No. 1, comprising Lathrop, French Camp, Marteca, Niles Garden, Rustic, Calla & Cowell areas.

CONTRACT AWARDED
SUMMIT, Canal Zone.—E. C. Nickel, 912 Micheltorena St., Los Angeles, at $12,400 awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 8041, for antenna supports and ground system at Summit, C. Z.
Preliminary Plans Awaiting Approval.
TOLL PLAZA Cost, $300,000
SAN FRANCISCO. Golden Gate Bridge.
Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., 111 Sutter St. (J. B. Strauss, Chief Engineer).
Engineer—Jos. B. Strauss, Chief Engineer Golden Gate Bridge Company, 111 Sutter St.
Preliminary plans are awaiting the approval of the Building Committee of the Golden Gate Bridge Co.

BIDS OPENED
MARE ISLAND, Cal — Elliott & Co., Rialto Bldg., San Francisco at $765 submitted the only bid received by the Public Works Officer, Mare Island Navy Yard, under Spec. No. 8103, for replacing the field retaining

rings on a 2000 K. W. Elliott turbo generator, in the Central Power Plant Mare Island Navy Yard.

CONTRACT AWARDED

SAN FRANCISCO — Standard Asbestos Co., 744 Folsom St., at $32.96 awarded contract by Department of Public Works for magnesia pipe coverings on steam lines to Board of Education Headquarters, Civic Center, San Francisco.

Complete bids published Oct. 25.

Bids Opened

NATATORIUM Cost, $75,000

HAYWARD, Alameda Co., Cal., Hayward Memorial Park.

Reinforced concrete natatorium (60 ft. wide, 33½ meters long; children's pool, 60x60 ft.) tile scum butter.

Owner—City of Hayward.

Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. P. Simonds, 192 Main St., Hayward.

Structural Engineer — Walter Huber, Crocker First National Bank Bldg., San Francisco.

Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.

Low bids follow:

Segregated General—De Luca & Son, 1745 Filbert St., San Francisco, $60,144;

Mechanical Work—Frederick W. Snook Co., 596 Clay St., San Francisco, $19,086;

Electrical Work—Abbett Electric Co., 126 Sears St., S. F., $2561;

Equipment—Trask & Squier Co., 39 Natoma St., S. F., $1353.68.

Complete bids follow:

Segregated General

DeLuca & Son, S. F.	$60,144
Frank J. Reilly, S. F.	61,431
Carl Swenson, San Jose	63,872
Monson Bros., S. F.	65,500
Lindgren & Swinerton, S. F	65,870

Mechanical

Frederick W. Snook, S. F.	$19,086
M. J. Reeves, S. F	18,990
(add sales tax)	390
Scott Co., Oakland	19,477
Herman Lawson, S. F.	21,590
Geo. C. Bell, Oakland	22,315
Carl T. Doell, Oakland	23,597

Electrical

Abbett Electric Co., S. F.	$2561.00
Scott-Buttner Electric Co., Okland	2587.00
Spencer Electric Co., Oakland	2588.00
Central Electric Co., S. F	2595.00
American Electric Construction Co., San Francisco	2998.00

Equipment

Trask & Squier, S. F.	$1353.68
C. J. Waterhouse Co., S. F	1383.68
Munthe Equipment Co., S. F.	1476.00

(3345) 1st rep. Dec. 27, 1934;
18th rep. Oct. 14, 1935.

BIDS OPENED

SAN FRANCISCO — Standard Asbestos Co., 744 Folsom St., at $32.96 submitted low bid to Department of Public Works for magnesia pipe coverings on steam lines to Board of Education Headquarters, Civic Center San Francisco. Complete bids follow:

Standard Asbestos Co.	$32.96
Asbestos Co. of California	35.00
Western Asbestos Co.	38.00

Bids held under advisement.

Plans Awaiting PWA Approval

LIVESTOCK BLDG., $699,000 1st unit

SAN MATEO COUNTY, Calif. Vistacion Valley, South McLaren Park (54-acre tract).

One-story reinforced concrete livestock building (steel trusses) first unit consists of main horse show stalls to accommodate animals, etc.

Owner—San Francisco-San Mateo Agricultural District.

Architect — W. D. Peugh, 333 Montgomery St., S. F.

The total cost of the proposed building is $1,500,000. The second unit will consist of grandstand to seat 15,000, etc.

Sub-contracts Awarded

MAUSOLEUM Cost, $110,000

SAN PABLO, Contra Costa Co., Cal.

Reinforced concrete mausoleum (638 crypts) marble and bronze interior.

Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.

Architect—H. A. Minton, 525 Market St., San Francisco.

Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contractor—D. Paganini, 519 California St., San Francisco.

Rock—California Rock & Gravel Co 74 New Montgomery St.

Cement—Henry Cowell Lime & Cement Co., 2 Market St.

Art Glass—Hugo Schultz, Berkeley.

As previously reported, plastering awarded to Herman Bosch, 2075 Folsom St., San Francisco; marble to Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.; reinforcing steel to W. C. Hauck & Co., 280 San Bruno Ave., S. F.; lumber to San Pablo Lumber Co., San Pablo.

Contract Awarded.

CORRAL Cost, $7000

SAN FRANCISCO. NW Newhall and Evans Streets.

One-story frame cattle corral.

Owner—James Allan & Sons, Evans and Third Sts., San Francisco.

Engineer—James M. Smith, 251 Kearny St., San Francisco.

Contractor—H. E. Rahlmann Co., 251 Kearny St., San Francisco.

PLANS APPROVED

PALO ALTO, Santa Clara County. —Plans and specifications for a gas distributing center at a new location have been approved by the Board of Public Works and will soon be presented to the State PWA office for approval

Plans call for removal of the gas distributing center and butane plant from their present site on Middlefield Road to the redwood grove adjacent to the power plant at Rinconada Park, and include feeder main construction and minor changes in present mains. Estimated cost, $28,000.

20—MISC. SUPPLIES AND MATERIALS

October 31, 1935

BIDS OPENED

BOULDER CITY, Nevada. — Following bids received by the Bureau of Reclamation, Denver, Colo., October 25, under Spec. No. 728-D, for furnishing:

(1) Insulator hardware.
(2) Special hardware.
(3) Conductor hardware.

for the 287.5 k.v. switchboard at the Boulder Power Plant:

General Electric Supply Corp., L. A.: f.o.b. Boulder City: (1) $4922.11; (2) $3294.85; (3) $985.30; alternate: (1) $4737.11; (2) $3014.17.

Jeffery DeWitt Insulator Co., Kenova, W. Va., f.o.b. Kenova: (1) no bid: (2) $184.90; (3) no bid.

Pacific Electric Mfg. Co., S. F., f.o.b. Boulder City: (1) no bid; (2) no bid; (3) $985.30.

Burndy Engineering Co., New York; f.o.b. Boubler City: (1) no bid; (2) no bid; (3) $1298.14.

General Electric Co., Denver, f.o.b. Boulder City: (1) no bid; (2) no bid: (3) $1096.80.

General Electric Supply Co., Denver, f.o.b. Boulder City: (1) no bid; (2) no bid; (3) $1096.80.

All bids net; delivery in 60 days.

Bids held under advisement.

CONTRACT AWARDED

BOULDER CITY, Nevada.—Thomas Spacing Machine Co., Pittsburgh, Pa., at $214,100 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 628, for furnishing and delivering 72-in. diameter internal differential needle valves for installation in the tunnel plug outlet works at Boulder Dam, Boulder Canyon Project.

BIDS OPENED

BOULDER CITY, Nevada.—Following bids received by the Bureau of Reclamation, Denver, Oct. 21, under Spec. No. 729-D, for furnishing pipe, fittings and valves; utility cars and miscellaneous metal work for tunnel plug outlet works of the Boulder Dam Project:

(1) Pipe and valves;
(2) Cars and miscellaneous metal work.

Mine & Smelter Supply Co., f. o. b. Boulder City: (1) $21,984; (2) no bid.

Associated Piping & Engineering Co., Ltd., f.o.b. Boulder City: (1) $17,800; (2) $3950.

Crane O'Fallon Co., f.o.b. Boulder City: (1) $17,955.21; (2) no bid.

B. Natchen Iron Works, f.o.b. Irvington, N. J.: (1) No bid; (2) $3340.

Los Angeles Valve & Fittings Co, f.o.b. Boulder City: (1) $19,715; (2) no bid.

Commercial Iron Wks., f.o.b. Boulder City: (1) $19,350; (2) $2993.

Atlas Car & Mfg. Co., f.o.b. Cleveland: (1) no bid; (2) $2755.

Schrader Iron Works, Inc., f.o.b Boulder City: (1) no bid; (2) $3940.

Power Piping Co., f.o.b. Boulder City: (1) $20,565; (2) no bid.

Pittsburgh Piping & Equipment Co., f.o.b. Boulder City; (1) $19,000; (2) no bid.

Grinnel Co. of the Pacific, f.o.b Boulder City: (1) $18,464; (2) no bid.

Midwest Piping & Supply Co., Inc., f.o.b. Boulder City: (1) $18,690; (2) no bid.

C. J. Rainear & Co., Inc., f.o.b. Boulder City: (1) $19,004; (2) no bid

John W. Beam, f.o.b. Etna and Peotone, Ill.: (1) $23,375; (2) $2500.

Standard Sanitary Mfg. Co., f.o.b. Boulder City: (1) $21,115; (2) no bid.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO.—L. G. Wolfe Co., 134 Fremont St., at $38 each awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1445, for furnishing 24 steel filing cabinets, desk high.

CONTRACT AWARDED

OAKLAND.—C. Markus Hardware Co., 7th and Washington Sts., Oakland, at $15.50 per 100 ft., awarded contract by the Oakland City Council for furnishing 9700 ft. of wrought steel pipe.

CONTRACT AWARDED

SAN FRANCISCO—Max Rosenberg, 58 Merlin St., San Francisco, at $0.45 per cu. yd. delivered, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1454 for furnishing approximately 6000 cu. yds. of loam for Golden Gate Park.

MACHINERY & MTAERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

U. S. FOREST SERVICE

SAN FRANCISCO.—Until November 6, 2 p. m., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, Room 916 Phelan Bldg., San Francisco, under Contract No. 720, for the sale or exchange of the following equipment:

(1) Lump sum in cash for purchase of one Cletrac "40" with Wooldridge trailbuilder attachment.

(1a) (Alt.) Lump sum bid in value of new Cletrac tractor parts to be supplied in exchane for Forest Service Unit No. T-110, to be figured at list prices available to government, less ...%.

(2) Lump sum bid in cash or purchase of one lot of used tractor parts, 20 tons more or less, being mostly parts from Cletrac "30s" and "40s."

(2a) (Alt.) Lump sum bid in value of new Cletrac tractor parts to be supplied in exchange for one lot of used tractor parts, 20 tons more or less, being mostly parts from Cletrac "30s" and "40s", to be figured at list prices available to government less .....%.

Specifications obtainable at the above office.

GOVERNMENT ISLAND. — Until November 4, 2 p. m., bids will be received by H. R. March, Assistant Supply Officer, Forest Service Depot, Government Island, Oakland, under Bid No. 2968, or furnishing one jointer complete with motor, and one band saw, complete with motor.

Delivery f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable rom the above office.

SAN FRANCISCO.—Until November 7, 2 p. m., bids will be received by P. C. Brown, Procurement Engineer, Forest Service, Room 916 Phelan Bldg., San Francisco, under Contract No. 719, for furnishing:

(1) 7 each, 12-volt starting and lighting equipment for Allis Chalmers 75 tractors.

(2) Lump sum in cash offered for 6-volt equipment to be removed from 7 Allis Chalmers tractors.

(3) Lump sum allowance to be deducted from price bid on item 1 above, offered for 6 volt lighting equipment to be removed from 7 Allis Chalmers tractors in exchange for new 12-volt starting and lighting equipment.

Delivery f.o.b. bidder's shipping point and/or Pasadena and/or Santa Barbara.

Specifications obtainable from the above office.

AMADOR COUNTY

JACKSON, Amador Count — Until November 4, 10 a. m., bids will be received by the Amador County Board of Supervisors, Leotta M. Huberty, clerk, Jackson, for furnishing one angledozer with power unit cable operated to fit "40" Caterpillar Diesel with blade capable of being angled approximately 30 degrees either right or left with an approximate weight of 4200 lbs.

TULARE COUNTY

VISALIA, Tulare Co., Cal.—Until November 12, 7:30 P. M., bids will be received by the Board of Trustees of the Visalia Union High School Dist., E. E. Baker, Clerk, for furnishing one school bus with chassis and body complete, of the type designated at transit or urban double-end coach, with motor in rear.

Specifications obtainable from the above office.

VISALIA, Tulare Co, Cal.—Until November 12, 7:30 P. M., bids will be received by the Board of Trustes of the Visalia Union High School Dist., in the High School Building, for furnishing one school bus with chassis and body complete, in accordance with specifications obtainable at the above office.

E. E. Baker, Clerk of the Board

WAR DEPARTMENT

FORT MASON.—Until November 9, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-104, or furnishing:

(1) 1500 ft. Magnesia pipe covering;
(2) 4000 lbs. pure anhydrous ammonia
(3) 40,000 calcium chloride, granulated, domestic.

Supplies are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I

SACRAMENTO.—Until November 4, 3 p. m., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 36-72, for furnishing miscellaneous lots of machine bolts and nuts, carriage bolts, brass wood screws, stove bolts, flat files, nails, wire cloth, etc.

Delivery f.o.b. Rio Vista.

Specifications obtainable from the above office.

FORT MASON.—Until November 8, 10 a. m., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-99, for furnishing miscellaneous supplies, including electric storage batteries, radiator hose, tube repair kits, vulcanizing cement, and tube repair cement.

Supplies are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from the above office.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

Assemblies, 6 radio shielding; San Diego; Sch. 900-8895; Nov. 1.

Indicators, 114 lamp type; Mare Island. Sch. 6305; Nov. 5.

Press, motor driven drill; Mare Island. Sch. 6297; Nov. 5.

Ingots, 200,000 lbs. manganese bronze, Mare Island. Sch. 6 16; Nov 8.

Cord, 120,000 ft. rubber insulated; San Diego. Sch. 6299, Nov. 8

Valves, 80 flanged bronze gate, Mare Island. Sch. 6295, Nov. 8

Sheets, corrosion resisting steel; Mare Island. Sch. 6265; Nov. 8

Lumber, 500 lbs. dry, Mare Island Sch. 6315; Nov. 8.

System, salinit indicator, and spare parts; Mare Island. Sch. 6305, Nov. 8

Rod, 2179 lbs. copper-nickel aluminum alloy; Puget Sound. Sch. 6328; Nov. 8.

Guns, pressure lubricating, and fittings; East and West Yards. Sch. 6322; Nov. 8.

Valves, flush, and lavatory self-closing faucets; Mare Island and Puget Sound. Sch. 6329; Nov. 8.

Locomotive, standard gauge gasoline driven; San Diego. Sch. 6329; Nov. 8.

Wire, 6200 lbs. copper; 50 copper sleeves; 1500 insulators; 1500 insulator clamps; Mare Island. Sch. 6337; Nov. 12.

Doors, water tight and fume tight; East and West Yards. Sch. 6257; November 12.

Tubes, 10,000 generator air cooler, and 18,000 motor do; Puget Sound. Sch. 6320; Nov. 12.

Meters, fuel oil; East and West Yards. Sch. 6335; Nov. 12.

Pumps, portable, submersible, and spares; East and West Yards. Sch. 6327; Nov. 12.

Lathes, 2 engines; Mare Island. Sch. 6358. Nov. 12.

Ventilating sets, 4 centrifugal, and 4 spare parts; Puget Sound. Sch. 6362; Nov. 15.

Information obtainable from the above office and at headquarters, 12th Naval District, 100 Harrison St., San Francisco.

SAN FRANCISCO CITY

SAN FRANCISCO—Until November 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1471, for furnishing and installing in the San Francisco Hospital six refrigerating machines, built to specifications.

Specifications obtainable from the above office.

SAN FRANCISCO—Until November 8, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1470, for furnishing nine electric food conveyors for the San Francisco Hospital.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until November 4, 2 p. m., Assistant procurement Engineer, Forest Service, Room 916 Phelan Bldg., San Francisco, under Contract No. 717, for furnishing one heavy duty ripper, complete with power take off and double drum hoist controls, ready for attachment to and operation with an Allis Chalmers "75" tractor.

Delivery f.o.b. bidder's shipping point and/or Mt. Shasta.

Specifications obtainable from the above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

COCHISE COUNTY, Arizona—Daley Corp., 4430 Boundary St., San Diego, at $39,901 awarded contract October 28 by the Arizona State Highway Commission, Phoenix, for constructing an overpass on the Ft. Huachuca-Bisbee Highway, W.P.G.S. 108-C; A.F.E. 612.

The work, which is located at the highway crossing with the S. P. R. R., about 12 miles west of Bisbee, consists of the construction of a concrete overpass structure and approaches including plant mixed oil surface, and is to be completed on or before April 30, 1936.

The items are:

1,900 cu. yds. roadway excavation;
600 cu. yds. structural excavation;
37,600 cu. yds. imported borrow (C IP);
5,000 cu. yds. select materials (CIP);
295 cu. yds. Class A concrete;
18,400 lbs. reinf. steel;
73,900 lbs. structural steel;
2,940 lin. ft. road guard;
200 hours rolling;
250 M. gals. sprinkling;
863 tons plant mix;
35 tons road oil (SC-2);
8 tons cutback asphalt;
12 C. M. catchbasins;
270 lin. ft. 8-in. C.M. pipe.

Tiffany Construction Co., Flagstaff, Ariz., submitted the second bid at $32,232.

BIDS WANTED

SANTA CLARA COUNTY, Cal.—Until November 20, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad at San Jose, consisting of two concrete abutments and steel superstructure, and approximately 0.11 mile of roadway grading and paving with Portland cement concrete.

The work involves:

(1) 10,000 cu. yds. roadway excav.;
(2) 1000 cu. yds. struc. excav.;
(3) 2225 sq. yds. subgrade for pavement;
(4) 7 stations finishing roadway;
(5) 41 tons asphalt concrete;
(6) 355 cu. yds. Class A Portland cement concrete (Pavement);
(7) 1190 cu. yds. Class A Portland cement concrete (structures);
(8) 6 cu. yds. Class F Portland cement concrete (railing);
(9) 175 cu. yds. Class A Portland cement concrete (curbs & gutters)
(10) 68 cu. yds. Class A Portland cement concrete (sidewalks);
(11) 260 each pavement dowels;
(12) 93,000 lbs. reinf. steel;
(13) 214,000 lbs. struc. steel;
(14) 4100 lbs. cast iron;
(15) 10,100 lin. ft. furnishing treated Douglas fir piles, including test piles;
(16) 288 each driving treated Douglas fir piles, including test piles;
(17) 450 lin. ft. 6-in. cast iron pipe;
(18) 1220 lin. ft. 8-in. cast iron pipe;
(19) 3 each 8-in. by 8-in. by 6-in. by 6-in. cast iron double tee branches;
(20) 275 lin. ft. 2-in. cast iron soil pipe;
(21) 1 lot electrical equipment;
(22) 1 lot pumping equipment;
(23) 1 lot miscellaneous items of work

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, and Los Angeles.

CONTRACT AWARDED

LYON COUNTY, Nevada — Dodge Construction, Inc., Fallon, at $30,790 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert 9. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel underpass and approaches on the State Highway System in Lyon County, Route 1, Section A1, near Fernley, a length of approximately .151 mile.

Isbell Constr. Co., Reno, at $31,715 submitted second low bid.

CONTRACT AWARDED

EUREKA COUNTY, Nev. — Dodge Construction, Inc., Fallon, at $86,755.19 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a concrete and steel overpass and approaches on the State Highway system in Eureka Co., Route 1, Sections A2 and A3, near Dunhy, a length of approximaetly 0.62 mile.

Isbell Constr. Co., Reno, at $87,357.06 submitted second low bid.

BIDS OPENED

VENTURA COUNTY, Cal.—Parish Bros., 1222 N. Gower St., Hollywood, at $8304.60 submitted low bid to the Division of Highways, S. V. Cortelyoup, District Engineer, State Bldg., Los Angeles, for construction of a corrugated metal pipe drain in Ventura County, about 12.5 miles north of City of Ventura.

The work involves:

(1) 1800 cu. yds. structure excav.;
(2) 120 lbs. bar reinf. steel in place;
(3) 36 cu. yds. class A portland cement concrete in place;
(4) 2.1 M.F.B.M. Douglas fir timber, dense select structural grade, in place;
(5) 0.5 M.F.B.M. redwood timber, dense select all-heart structural grade, in place;
(6) 300 lbs. structural metal in place;
(7) 82 lin. ft. 8-in. corr. metal pipe in place (pipe to be furnished by state);
(8) 24 lin. ft. 18-in. corr. metal pipe in place (pipe to be furnished by state);
(9) 1154 lin. ft. 24-in. paved invert corr. metal pipe in place (pipe to be furnished by state);
(10) 118 lin. ft. 36-in. paved invert corr. metal pipe in place (pipe to be furnished by state);
(11) 6000 sq. ft. wire fencing in place;
(12) 3400 lin. ft. 2-in. iron pipe posts in place;
(13) 330 2-in. iron pipe spreaders in place;
(14) 160 2-in. iron pipe braces in place;
(15) 950 clevises in place;
(16) 240 cu. yds. brush and rock backfill in place;
(17) 6 cu. yds. removing concrete.

Total bids follow:

(A) Parish Bros., Hollywood, $8304.60
(B) B. Frank Barr, Ventura, $16,124.50.
(C) Basich Bros., Torrance, $16,167.50.
(D) Mike Radich, Los Angeles, $19,251.70.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1).....	$ 1.25	$ 1.85	$ 2.50	$ 3.50
(2).....	.06	.18	.05	.10
(3).....	24.00	29.50	40.00	35.00
(4).....	161.00	221.00	70.00	105.00
(5).....	200.00	200.00	70.00	125.00
(6).....	.30	.60	.25	.20
(7).....	.55	1.00	1.50	.50
(8).....	1.00	1.00	2.00	1.00
(9).....	.80	1.10	2.50	1.50
(10).....	.90	1.20	3.00	2.50
(11).....	.07	.10	.07	.25
(12).....	.40	.71	.82	.55
(13).....	1.80	3.75	2.75	3.25
(14).....	2.00	3.75	5.00	4.10
(15).....	.20	.40	.50	.40
(16).....	2.70	16.00	4.50	15.00
(17).....	10.00	30.00	5.00	10.00

BIDS WANTED

RIVERSIDE COUNTY, Cal.—Until November 21, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad, in Riverside County, near Beaumont, consisting of one 70 ft. steel plate girder span and four 47 ft. steel beam spans on concrete piers with timber pile foundation.

The work involves:

(1) 700 cu. yds. struc. excav.;
(2) 1050 cu. yds. Class A Portland cement concrete;
(3) 130,000 lbs. bar reinf. steel;
(4) 275,000 lbs. struc. steel;
(5) 3200 lbs. cast steel;
(6) 1 MFBM redwood timber, dense, select,. all heart, structural grade;
(7) 4430 lin. ft. furnishing treated Douglas Fir piles, including test piles;
(8) 220 each driving treated Douglas Fir piles, including test piles;
(9) 1 lot miscellaneous items of work.

Plans and specifications obtainable frmo the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACTS AWARDED

MERCED COUNTY, Cal. — Contracts for construction of bridges have been awarded by the Merced County Board of Supervisors, P. J. Thornton, Clerk, as follows:

Bridge No. 245—new bridge in part, timber with pile foundation over Bear Creek on Avenue in the Fancher Subdivision, awarded **Cameron & Son, P. O. Box 244, Merced, $2587.**

Bridge 247 and 248, timber bridges on pile foundations over Mariposa Creek and Owens Creek, awarded **Cameron & Son, $5672.**

Bridge 249, 250 and 251, concrete pipe culverts in canal on Eucalyptus Ave., in canal on avenue running east and west through Center of Section 11, and in canal on Eucalyptus Avenue, awarded **United Concrete Pipe Co., 16th and H Sts., Merced, at $2026.35.**

Bridge No. 252 and 253, timber bridges on pile foundations over Los Banos Creek on Newton and Jamison Road, and over San Joaquin and Kings River Canal and Irrigation Company's canal on Volta South Rd., awarded **E. K. Angle, Dos Palos, at $4295.**

All bids received on Bridge No. 244, new wood floor system on bridge over Dry Creek on Snelling and Coulterville Road, were rejected and work will be odne by day labor.

BIDS WANTED

VALLEJO, Salona Co.—Until November 7, 11 a.m., bids will be received by the Vallejo City Council, Alf. E. Edgcumbe, City Clerk, for the construction of a 126-ft. timber pile trestle bridge across Gordon Valley Creek near Lake Curry, Napa Co., const. of 6 bents at 21 ft. centers, 4 pile bents, piling to be creosoted, penetration not less than 12 ft., concrete abutments with pile foundations. Estimated cost $4500.

Plans and specifications obtainable from City Engineer T. D. Kilkenny upon deposit of $5.

22—DREDGING, HARBOR WORKS, EXCAVATION

BOND ELECTION

LOS ANGELES, Cal.—Los Angeles City Council has set November 26 as the date for a special election for the purpose of voting on a $7,700,000 bond issue, proceeds to be used to finance 55 per cent of the cost of the proposed improvements at Los Angeles harbor. The remainder of the cost, approximately 6,000,000, would be provided by the PWA.

BIDS WANTED

ALL-AMERICAN CANAL, Arizona-California.—Until November 23, 10 a. m., bids will be received by the Bureau of Reclamation, Federal Building, Yuma, Ariz., under Spec. No. 647, for construction of earthwork, All-American Canal, Station 50 to Station 245, Boulder Canyon Project.

The work is located on the Colorado River from 10 to 14 miles northeast of Yuma, Ariz., and the principal items of work involved are:

(1) 1,072,000 c. y. common excavation for canal.
(2) 542,000 c. y. rock excav. for canal;
(3) 97,000 c. y. stripping for embankments;
(4) 25,200 c. y. excav. for cut-off and toe trenches;
(5) 691,000 c. y. compacted embankment;
(6) 8,000,000 sta. c. y. hauling and placing rock fill on outside slope of canal embankment;
(7) 17,400 c. y. gravel blankets on inside slopes of canal embankments;
(8) Fabricating and driving 1140 MFBM of timber sheet piling.

Work shall be commenced within 30 calendar days and Schedule 1 shall be completed within 780 calendar days and Schedule 2 within 600 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation, at Yuma, Ariz.; Denver, Colo.; or Washington, D. C., without charge to prospective bidders; to other $1 per copy not returnable

BIDS WANTED

RICHMOND, Contra Costa County. Until November 12, 8 p. m., bids will be received by the Richmond City Council, A. C. Faris, city clerk, for gunitng piles at Wharf No. 1. Estimated cost, $9500.

Bids will be taken as follows:

(1) Removal of old and cracked concrete, cleaning steel, and replacing of same with cement gunite.
(2) Removal of old reinforcing steel and replacing with new reinforcing steel and No. 3 black annealed wire.
(3) Galvanized welded wire fabric, in place.

Plans and specifications obtainable from City Engineer E. A. Hoffman, upon deposit of $5.

23—IRRIGATION PROJ.

BIDE WANTED

ALL-AMERICAN CANAL, Arizona-California.—Until November 22, 10 a. m., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 645, for the construction of Wash Siphon Structures at 120 Wash, 424 Wash, Unnamed Wash, and Picacho Wash, All-American Canal System, Boulder Canyon Project.

The work is located between 5 and 12 miles northeast of Yuma, Ariz., and the principal items of work involved are:

(1) 370,000 c. y. all classes of excav.;
(2) 4700 c. y. compacted embankment;
(3) 6850 c. y. back fill;
(4) 32,380 c. y. concrete;
(5) 2200 sq. yds. dry-rock paving;
(6) 14,000 c. y. riprap;
(7) Placing 6,482,000 lbs. reinforcement bars;
(8) Installing 116,400 lbs. metal and rubber in side-wall expansion joints;
(9) Manufacturing and driving 270 23 ft. reinforced concrete piles;
(10) Driving 341,000 lbs. steel sheet piling;
(11) Constructing 820 l. f. timber railing;
(12) Installing 53,400 lbs. metal handrails;
(13) Installing 16,800 lbs. miscellaneous metalwork.

Work shall be commenced within 30 calendar days and completed within 600 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Yuma, Ariz.; Denver, Colo., or Washington, D. C., without charge to prospective bidders; to others $2.50 per copy, not returnable.

LOW BIDDERS

OWYHEE PROJECT, Oregon-Idaho. —J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $17,221 submitted low bid to the Bureau of Reclamation, Ontario, Ore., under Spec. No. 733-D, for the construction of earthwork and structures. North Canal Laterals, Dead Ox Flat Division, Owyhee Project, near Ontario and Vale, Ore.

George B. Henly, Nyssa, Ore., at $17,935, submitted second, and Joseph F. Brumbach, Parma, Idaho, at $23,194, submitted third low bid

BIDS WANTED

STANISLAUS COUNTY, Cal. Until November 13, 3 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary, 823 11th St., Modesto, for construction of 2-inch concrete lining, and reinforced concrete outlet headwalls in the Canals and Laterals of the District.

Plans and specifications obtainable from the above office.

PWA has allotted a grant of $32,700 to aid in financing the project, total cost of which is estimated at $72,700

N. M. Cecil, Modesto, engineer

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

LOS ANGELES, Cal. — Harnischfeger Sales Corp., 2029 Santa Fe Ave., Los Angeles, was awarded the contract October 18 by the U. S. Engineer Office, Los Angeles, for furnishing two Diesel engine driven crawler type 2-yard capacity shovels under Circ. Prop. No. ER-509-36-55.

CONTRACT AWARDED

LOS ANGELES, Cal.—Brown-Bevis Equipment Co., 4900 Santa Fe Ave., Vernon, was awarded the contract October 18, at $24,940 by the U. S. Engineer Office, Los Angeles, for furnishing two complete Diesel engine driven crawler type power cranes under Circ. Prop. No. ER-509-36-57.

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—Following bids received by the Modesto City Council, H. E. Gragg, City Clerk, October 23, for furnishing four one-way traffic singals and appprtenances:

General Electric Co., Russ Bldg., San San Francisco, $566.75; alternate, $540.94.

Taper Tube Pole Co., Monadnock Bldg., San Francisco, $566.75; $540.94.

Eagle Signal Corp., 1151 Broadway, Los Angeles, $488.48; $385.

Acme Traffic Signal Co., 1716 Naud St., Los Angeles, $501.75.

Collins-Powell Co., 819 Santee St., Los Angeles, $374.41; f.o.b. Elizabethtown, N. J.; plus tax.

Palmer Electric Co., 940 11th Street, Modesto, $391 (does not include lamps).

All bids f.o.b. Modesto, including tax, unless otherwise noted.

Bids held under advisement until November 13.

BIDS OPENED

SAN FRANCISCO.—Following bids received by F. C. Brown, Procurement Engineer, Forest Service, 916 Phelan Bldg., San Francisco, under Contract No. 713, for furnishing one water pumping unit, complete with pump, gasoline engine and transmission, f.o.b. bidder's shipping point and/or Porterville:

Woodin & Little, S. F., $162 f.o.b. S. F.; 2% 10 days.

Westco Pump Sales Co., S. F., $165 f.o.b. S. F.; $198 f.o.b. Porterville.

Fairbanks-Morse Co., S. F.;$187.15 f.o.b. S. F.; $193.08 f.o.b. Porterville.

Novo Engineering Co., Lansing, Mich.; $176.50 f.o.b. Lansing. $187.96 f.o.b. Porterville; 2% 10 days.

Pacific Pump & Supply Co., S. F. $198.50 f.o.b. S. F.; $205 f.o.b. Porterville; 2% 30 days.

Simonds Machine Co., S. F.; $239.70 f.o.b. Porterville; 2% 10 days.

Crane Co., Sacramento: $301.70 f. o.b. Sacramento; 2% 30 days.

Bids held under advisement

BIDS OPENED

MARE ISLAND, Cal. — Following bids received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7983, for furnishing two 3-ton revolving gantry type cranes operated by diesel engines at the Mare Island Navy Yard:

American Hoist & Derrick Co., 63 S. Robert St., St. Paul, Minn., $31,-240.

R. W. Kaltenbach, Henry St. and Penna. R. R., Bedford, Ohio, $28,-830 (Alt.)

Industrial Brownhoist Corp., 125 Washington Ave., Bay City, Mich. $31,700.

27—FIRE ALARM SYSTEM

BIDS WANTED

PALO ALTO, Santa Clara County. —Until November 12, 2:30 p. m., bids will be received by William H. Radcliffe, Supervising Superintendent of Construction, Veterans Administration, Palo Alto, under Bid No 25-5-2, for the complete renewal of one loop of present fire alarm cable system at Veterans Administration Falicity, Palo Alto.

Specifications obtainable from the above office.

28 — FIRE EQUIPMENT

NEW BIDS ASKED

RICHMOND, Contra Costa Co. — Until November 18, 8 p. m., new bids will be received by the Richmond City Council for furnishing one new pumping engine, complete with a 150-gal. tank, and a 500-, 600- or 750-gal. pump.

All bids received on October 7 have been rejected.

Specifications obtainable from the above office.

October 31, 1935

NOTICE OF HEARING

SAN JOAQUIN COUNTY. — County Board of Supervisors has set November 18, 10 a. m., as the time for holding a hearing on a proposal to form the Manteca Rural County Fire Protection District. Hearing will be held in the Supevisors' offices in the County Courthouse, Stockton

29—STREETS AND HIGHWAYS

BIDS WANTED

OAKLAND, Alameda County. — Until November 14, 8 p. m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for the improvement of Middle Harbor Road between First St. and Ferro St., and of Ferro St. between Middle Harbor Road and the Oakland Municipal Garbage Works.

The work involves:

(1) 3052 c. y. fill and shoulders;

(2) 107,400 sq. ft. concrete pavement.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad.

BIDS WANTED

SACRAMENTO COUNTY, Calif. — Until November 20, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for constructing about 0.4 mile of riprap slope protection in Sacramento County between Courtland and Freeport.

The work involves:

(1) 1 lot clearing and grubbing;

(2) 9,700 c.y. local borrow;

(3) 9,700 tons riprap based on weight of 150 lbs. per solid dry cu.ft.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Marysville.

CONTRACT AWARDED

YOLO & SACRAMENTO COUNTIES.—L. C. Seidel, 4722 Market St., Oakland, at $16,753.40 awarded contract by the State Highway Commission, Sacramento, for constructing a water supply system, an irrigation system, concrete curbs and gutters, and grading a portion of the roadway between the M St. subway and the M St. bridge, and between Ben Ali subway and Ben Ali Station, a length of 1.2 miles, in Yolo and Sacramento counties.

CONTRACT AWARDED

LOS ANGELES COUNTY.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $24,504.10 awarded contract by the State Highway Commission, Sacramento, for paving with asphalt concrete about 0.8 mi. of the San Fernando Road, through Newhall, between Railroad Ave. and Placerita Road, in Los Angeles Co.

CONTRACT AWARDED

WASHOE COUNTY, Nevada.—Isbell Constr. Co., 1300 E. 4th St., Reno, at $116,700.80 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway system in Washoe County, Route 17, Section A3, between a point approximately 5 miles southeast of Browns and a point approximately 0.6 mile southeast of Browns (Geiger Grade), a length of approximately 4.45 miles.

Utah Constr. Co., Ogden, at $117,-285.39, submitted second low bid.

Complete bids will be published shortly.

CONTRACT AWARDED

CHURCHILL COUNTY, Nevada. — Dodge Construction, Inc., Fallon, at $123,532.56 submitted low bids and awarded contract by the Nevada State Highway Directors, Robert A. Allen State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Churchill County, Route 2, Section C2 and C1, between Salt Wells and Sand Springs, a length of approximately 11.69 miles.

Isbell Constr. Co., Renn, at $126,-450.74 submitted second low bid.

Complete bids will be published shortly.

BIDS OPENED

LOS ANGELES Co., Calif. — Geo. R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $116,452.15, submitted low bid to C. H. Purcell, tate Highway Engineer, Los Angeles, October 17, for about 1.5 miles of grading and paving with asphalt concrete between Verdugo Road and geles Co.

Complete total bids follow:

(A) Geo. R. Curtis Paving Co., Los Angeles $116,452.16

(B) C. O. Sparks, L. A. .. 120,198.00

(C) Griffith Co., L. A. 124,021.60

(D) Oswald Bros., L. A. 128,499.60

(E) J. L. McClain, L. A. .. 128,597.10

(F) Gibbons & Reed Co. Burbank 139,571.00

(G) P. J. Akmadzich, L. A. 140,098.60

BIDS WANTED

NAVAJO COUNTY, Arizona—Until Nov. 1, 2 p.m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on F. A. 20 Reop. & F. A. 22 Reop., A.F.E. 543, streets in Winslow.

The work, which lies within the city limits of Winslow, consists of grading, draining and the furnishing and placing of select material, gravel sidewalk, curb and gutter and cutback plant mix, and is to be completed on or before Feb. 15, 1936. The principal items are:

5000 cu. yds. roadway excav.;
900 cu. yds. structural excav.;
2000 sta. yds. earthwork overhaul;
7900 cu. yds. mi. earthwork haul;
2000 cu. yds. select material (C.I.P.);
189 sq. yds. concr. pavement;
600 lin. ft. concrete pipe (2 sizes);
4900 lin. ft. combined curb and gutter;
5900 sq. yds. grading under pavement;
1924 tons plant mix;
93 tons cutback asphalt;
2 tons emulsified asphalt;
4100 lin. ft. gravel sidewalk.

Certified or cashier's check, 5%.

Plans may be obtained from the office of the state highway engineer, T. S. O'Connell. Funds in the sum of $39,232.49 have been programmed for this project.

CONTRACT AWARDED

NAVAJO COUNTY, Arizona—E. L. Yeager, Box 470, San Bernardino, at $39,543.90 submitted low bid to Arizona State Highway Commission, Phoenix, and awarded contract for highway construction on streets in Hilbrook, NRM 40 (1934), A.F.E. 6639.

The work, which lies within the city limits of Holbrook and extends from the pavement on Porter St. westerly on Oakland Ave., a distance of approximately 0.3 of a mile, consists of removing and salvaging old pavement, placing select material, paving with cement concrete pavement, and is to be completed on or before January 31, 1936.

The principal items and approximate quantities are:

9700 sq. yds. salvaging pavement and replacing as select material:
9850 sp. yds. grading under pavement
3300 cu. yds. select material:
6300 sq. yds. 6-in. concrete pavement:
700 sp. yds. concrete gutter;
3000 lin. ft. combined curb and gutter
3150 lin. ft. 4-in. vitrified clay pipe;
225 cu. yds. rock backfill over vitrified clay pipe;
and other incidental items

Total bids follow:

E. L. Yeager, 2506 N. 7th St., Phoenix, Ariz., $39,543.94.

Clinton Campbell Contrs. Inc., 1714 S. 7th St., Phoenix, $39,933.73.

Southern California Roads Co., 2145 E. 25th St., Los Angeles, $41,-452.73.

CONTRACT AWARDED

COCHISE COUNTY, Ariz. — Phoenix-Tempe Stone Co., Box 1645, Phoenix, Arizona, at $13,797.50 awarded contract October 15 by the Arizona State Highway Commission, Phoenix, for highway construction on the Benson-Douglas Highway (Bisbee Sts.) The work, which lies within the city limits of Bisbee and extends over a distance of 500 feet, consists of replacing existing pavement with new concrete pavement, constructing a cement rubble masonry retaining wall and is to be completed on or before December 31, 1935.

J. A. Casson, at $14,037 submitted the only other bid.

BIDS WANTED

COCHISE COUNTY, Arizona—Until November 5, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Fort Huachuca-Bisbee Highway, W.P.S.O. 108-B; A.F.E. 615. The work, which be-

gins about 12½ miles south of the U. S. Military reserve and is to extend easterly toward Bisbee for approximately 10½ miles, consists of grading and draining the roadway, placing select material and SC-2 Plant Mix, and is to be completed on or before October 31, 1936. The principal items are:

48,300 cu. yds. roadway excavation;
7,600 cu. yds. drainage excavation;
1,700 cu. yds. structural excavation;
10,500 cu. yds. borrow;
10,100 cu. yds. imported borrow;
47,600 cu. yds. select material;
735 cu. yds. concrete;
66,900 lbs. reinforcing steel;
1,562 lin. ft. C. M. pipe of various sizes;
1,265 lin. ft. road guard;
76,000 lin. ft. standard line fence;
14,600 tons plant mix;
237 tons emulsified asphalt;
579 tons CS-2 road oil;
825 tons screenings;
10½ miles of placing plant mix;
4,000 cu. yds. shoulder material.

Plans may be obtained from the office of the State Highway Engineer, T. S. O'Connell. Certified or cashier's check, 5%. Funds in the sum of $220,000 have been programmed for this construction.

CONTRACT AWARDED

APACHE COUNTY, Arizona — Lee Motor Contracting Co., Bassett Tower Bldg., El Paso, Texas, at $198,519, awarded contract by the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-Lupton Highway, F. A. 83-D; A.F.E. 6650. The work, which begins at the Navajo-Apache County line, about 21 miles northeast of Holbrook aad extends northeasterly approximately 18.2 miles consists of placing aggregate base course, shoulder material, and either a cut-back mix or Type B seal coat.

BIDS OPENED

IMPERIAL COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $39,898, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, October 24, for placing plant mixed surfacing on about 3.2 miles in Imperial County, between 4 miles west of Westmoreland and Trifolium Canal.

The work involves:

(1) 500 cu. yds. imported borrow;
(2) 170 stations finishing roadway;
(3) 5100 tons mineral aggregate (plant-mixed surfacing, leveling course);
(4) 2400 tons mineral aggregate (plant-mixed surfacing, surface course);
(5) 340 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(6) 51,900 sq. yds. asphaltic paint binder;
(7) 80 tons liquid asphalt SC-2 (penetration oil treatment);
(8) 14,700 sq. yds. preparing, mixing and shaping shoulders;
(9) 95 tons liquid asphalt SC-2 road mix surface treatment.

The total bids were:

(A) Oswald Bros., Los Angeles, $39,898.
(B) R. E. Hazard Sons, San Diego, $41,785.

The unit bids were:

	(A)	(B)
(1)	$ 1.25	$ .75
(2)	10.00	8.00
(3)	3.25	3.90
(4)	3.35	3.90
(5)	20.00	17.60
(6)	.025	.94
(7)	31.00	12.00
(8)	.065	.05
(9)	15.00	11.00

SAN DIEGO COUNTY—Widening Overhead Crossing—State

SAN DIEGO COUNTY, Cal.—E. S. and N. S. Johnson, 424 N. Lake Ave., Pasadena, at $25,992.50, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, October 24, for widening an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, ¼ mile north of Del Mar, and widening and paving approaches with asphalt concrete, in San Diego County.

The work involves:

(1) 120 cu. yds. roadway excav.;
(2) 730 cu. yds. struct. excavation;
(3) 4700 cu. yds. imorted borrow;
(4) 1060 tons asphalt concrete;
(5) 571 cu. yds. Class A Portland cement concrete;
(6) 20 cu. yds. Class F Portland cement concrete (railing);
(7) 116,300 lbs. bar reinf. steel;
(8) 644 lbs. bronze expansion plates;
(9) 60 cu. yds. con[illegible] removed and disposed of.
(10) 400 lin. ft. temporary railing.
(11) 280 lin. ft. temporary wheel guard
(12) 1 lot misc. items of work.

The total bids were:

(A) E. S. and N. S. Johnson, Pasadena, $25,992.50.
(B) Parish Bros., Los Angeles, $26,554.50.
(C) R. R. Bishop, Long Beach, $31,336.
(D) M. H. Golden, San Diego, $31,880.80.
(E) B. O. Larsen, San Diego, $32,864.
(F) Byerts & Dunn, Los Angeles, $33,674.
(G) Contracting Engineers, Inc., Los Angeles, $37,156.25.
(H) Lynch-Cannon Engineering Co., Los Angeles, $37,944.70.
(I) R. L. Oakley, Los Angeles, $42,999.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .70	$ 1.00	$ .40	$ .90	$ 1.00	$ .75	$ 2.00	$ .65	$ .75
(2)	1.25	1.00	2.00	3.50	2.00	2.00	2.40	2.25	4.50
(3)	.60	.70	.40	.92	1.00	.60	1.00	.70	.70
(4)	4.75	4.50	4.00	6.30	6.50	5.50	3.50	5.25	5.00
(5)	18.00	17.70	22.50	20.00	20.00	20.00	28.00	31.00	34.00
(6)	40.00	50.00	50.00	24.00	50.00	50.00	60.00	85.00	80.00
(7)	.04	.042	.045	.042	.04	.04	.02	.05	.06
(8)	.25	.30	.50	.30	.50	.50	.50	.30	.50
(9)	5.00	10.00	12.00	6.30	6.00	15.00	15.00	10.00	12.00
(10)	1.50	1.00	2.00	1.10	.50	1.00	1.50	1.50	2.00
(11)	.75	.75	1.50	.50	.50	1.00	1.50	.75	2.00
(12)	140.00	250.00	2365.00	280.00	1600.00	4500.00	1500.00	550.00	640.00

ALAMEDA COUNTY — 4 Miles Grade and Pave — (State)

ALAMEDA COUNTY. — Hanrahan-Wilcox Corp., 814 Hobart Bldg., San Francisco, at $247,253.40 submitted low bid to the State Highway Commission, Sacramento, for about 4 miles grading and paving with asphalt concrete in Alameda County, between San Francisco Bay Bridge and Folger Ave.

The work involves:

(1) 75,000 cu. yds. rdwy. excav., unclass.;
(2) 616,000 sta. yds. overhaul;
(3) 3860 cu. yds. struc. excav.;
(4) 210 stations finishing rdwy.;
(5) 45,500 tons imported base material;
(6) 41,500 tons crusher run base;
(7) 80 tons liquid asphalt SC-2 (shoulders);
(8) 370 tons screenings (shoulders);
(9) 31,515 tons asphalt concrete;
(10) 119 cu. yds. Class A Portland cement concrete (pavement);
(11) 97,400 lbs. bar reinf. steel;
(12) 262 cu. yds. Class A Portland cement concrete (structures);
(13) 860 lin. ft. 12-in. CMP;
(14) 1370 lin. ft. 18-in. CMP;
(15) 400 lin. ft. 6-in. vitrified clay pipe;
(16) 610 lin. ft. 8-in. vitrified clay pipe (underdrains);
(17) 210 tons broken stone (sub drainage);
(18) 916 cu. yds. Class A Port. cem. concrete (curbs);
(19) 500 lin. ft. laminated guard railing,
(20) 400 each guide posts.

Total bids follow:

(A) Hanrahan-Wilcox Corp. San Francisco $247,253.40
(B) Union Paving Co., San Francisco 263,456.50
(C) Fredrickson & Watson Constr. Co., Fredrickson Bros., and Jones & King, Oakland 266,412.40
(D) Peninsula Paving Co., San Francisco 268,938.70
(E) Heafey-Moore Co. Oakland 277,934.75
(F) A. Teichert & Son, Inc., Sacramento 278,343.25
(G) Southern California Roads Co., Los Angeles 321,622.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$0.26	$0.15	$0.20	$0.20	$0.22	$0.20	$0.32
(2)	.01	.003	.0005	.01	.01	.005	.01
(3)	1.40	1.20	1.00	.70	1.00	.70	1.00
(4)	10.00	15.00	8.50	10.00	5.50	6.00	5.00
(5)	.80	.95	.75	.80	.80	.90	.90
(6)	1.40	1.70	1.57	1.35	1.50	1.50	2.00
(7)	12.00	12.00	11.00	12.00	11.00	12.00	13.50
(8)	2.00	3.00	3.40	2.50	2.00	4.00	2.50
(9)	2.76	3.00	3.46	3.78	3.85	3.75	4.10
(10)	10.00	10.00	14.50	10.00	9.50	11.00	10.00
(11)	.05	.05	.05	.05	.05	.05	.05
(12)	16.00	17.00	15.50	18.00	21.00	22.00	22.00
(13)	1.50	2.50	1.30	1.35	1.25	1.40	1.20
(14)	2.00	4.50	1.90	2.00	1.70	1.90	1.60
(15)	.45	1.20	73	.60	1.25	.60	.50
(16)	.50	1.25	.85	.70	1.50	1.00	.75
(17)	2.50	3.50	1.85	3.00	2.25	4.00	4.00
(18)	16.00	12.50	17.00	13.50	11.75	15.00	15.00
(19)	.80	1.40	.90	1.00	1.00	1.00	1.00
(20)	1.40	1.50	2.50	1.75	1.50	2.00	1.50

BIDS OPENED

LOS ANGELES COUNTY, Cal.—George R. Curtis Paving Co., 2440 E 26th St., Los Angeles, at $24,504.10, as previously reported, submitted low bid to the State Highway Engineer, Los Angeles, October 24, for paving with asphalt concrete about 0.8 mile of the San Fernando Road, through Newhall, between Railroad Ave. and Placerita Road, in Los Angeles County.

The work involves:

(1) 42 stations clearing and grubbing; right of way;
(2) 210 M. gallons water;
(3) 3,500 c.y. rdwy. excav., unclass.;
(4) 300 c.y. imported borrow;
(5) 34,000 sta. yds. overhaul;
(6) 50 c.y. removing existing conc.;
(7) 8,000 sq. yds. preparing subgrade
(8) 42 stations finishing rdwy.;
(9) 1,150 tons mineral agg. (plant-mixed surfacing);
(10) 62 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(11) 8 tons liquid asph. MC-2 (prime coat);
(12) 12 tons liquid asph. SC-2 (shoulders);
(13) 1,500 sq. yds. prepaing, mixing, and shaping shoulders;
(14) 2 tons liquid asphalt SC-2 (prime coat);
(15) 2,420 tons asphalt concrete (base and leveling course);
(16) 960 tons asphalt concrete (Type A surface course);
(17) 600 sq. yds. asph. paint binder;
(18) 590 c.y. Class A Port. cem. conc. (curbs, gutters, sidewalks);
(19) 740 l.f. curb armor.

Total bids follow:

(A) George R. Curtis Paving Co., Los Angeles, $24,504.10.
(B) Oswald Brothers, Los Angeles, $28,740.50.
(C) Griffith Co., Los Angeles, $35,582.50.

The unit bids were:

	(A)	(B)	(C)
(1)	$ 5.00	$ 5.00	$10.00
(2)	1.45	2.00	2.00
(3)	.48	.45	.75
(4)	.90	.75	1.00
(5)	.005	.01	.02
(6)	1.20	3.00	3.00
(7)	.10	.11	.10
(8)	5.00	5.00	5.00
(9)	2.40	3.15	3.85
(10)	14.50	16.00	18.00
(11)	24.60	25.00	25.00
(12)	16.50	17.00	17.00
(13)	.085	.06	.05
(14)	24.60	32.00	25.00
(15)	2.78	3.50	4.20
(16)	3.00	3.85	4.60
(17)	.02	.025	.05
(18)	10.65	11.50	14.50
(19)	.90	.80	1.00

BIDS OPENED

SACRAMENTO, Cal.—Identical bids at $1.50 per ton, total $360, less a discount of 10c per ton if paid by 10th of following month, were received by the U. S. Engineer Offic, Lieut. L. B. Chambers, District Engineer, Sacramento, under Bid No. 36-68, for furnishing and delivering 240 tons of road rock.

The bidders were:

Daniels Contracting Co., San Francisco.
Basalt Rock Co., Napa.
Blake Bros. Co., San Francisco.
Hutchinson So., San Francisco.

Delivery f.o.b. U. S. Engineers in a stock pile along the road between Rio Vista and Tolands Landing near the Dozier Drow Spoil Area 6 miles from Rio Vista.

CONTRACT AWARDED

ESMERALDA & MINERAL COUNTIES, Nevada.—U. B. Lee, 1059 Carpentier St., San Leandro, at $8981.60 submitted low bid, as previously reported, and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing an asphaltic dustless surface on a portion of the State Highway System in Esmeralda and Mineral counties, Route 3, Section F and A1, between Coaldale and Rhodes, a length of approximately 20.86 miles.

The work involves:

(1) 545 tons asphaltic road materials, Type SC-2.

Complete bids follow:

U. B. Lee, San Leandro: (1) $16.48; total, $8981.60.

Silver State Constr. Co., Fallon: (1) $17.50; total, $9537.50.

J. C. Compton, McMinnville, (1) $18; total, $9810.

Dodge Construction, Inc., Fallon: (1) $19; total, $10,355.

George French, Jr., Stockton: (1) $23.85; total, $12,998.25.

Engineer's estimate, (1) $21; total, $11,445.

CONTRACT AWARDED

LOS ANGELES COUNTY.—George R. Curtis Paving Co., 2440 E. 26th St., Los Angeles, at $116,452.15 awarded contract by the State Highway Commission, Sacramento, for 1.5 miles grading and paving with asphalt concrete between Verdugo Road and Flintridge Country Club, Los Angeles County.

CONTRACT AWARDED

SANTA CLARA COUNTY.—Earl W. Heple, 494 Delmas Ave., San Jose, at $8001.50 awarded contract by the State Highway Commission, Sacramento, for 0.23 mile grading and surfacing with creek run gravel base in Santa Clara County, between Sunnyvale and Saratoga.

CLARK COUNTY, NEV. — 5.72 Mi. Highway — (State)

CLARK COUNTY, Nevada.—Gibbons & Reed, 165 E. Fourth South, Salt Lake City, at $65,425.05 submitted low bid, as previously reported, and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a portion of the State Highway System in Clark County, Route 12, Section B2, between Logandale and Overton, a length of approximately 5.72 miles.

The work involves:

(1) 37,354 lin. ft. remove fence;
(2) 348 lin. ft. remove culvert pipe;
(3) 12 each remove culvert headwalls;
(4) 21 each remove diversion boxes;
(5) 19 each remove culverts (wooden);
(6) 45 each remove trees
(7) 8,270 cu. yd. roadway excavation;
(8) 89,200 cu. yd. select borrow;
(9) 1,240 cu. yd. structure excavation;
(10) 5.72 miles subgrade;
(11) 5.72 miles finish roadway;
(12) 17,630 tons cr. gravel or stone surface;
(13) 2,910 gal. water;
(14) 134 cu. yd. class "A" concrete;
(15) 38 cu. yd. class "B" concrete;
(16) 16,460 lbs. reinforced steel;
(17) 7.5 m. ft. b. m. redwood;
(18) 100 lin. ft. 8 in. corr. metal pipe (dipped);
(19) 996 lin ft. 18 in. corr. metal pipe (dipped);
(20) 860 lin. ft. 24 in. corr. metal pipe (dipped);
(21) 72 lin. ft. 30 in. corr. metal pipe (dipped);
(22) 150 lin. ft. 36 in. corr. metal pipe (dipped);
(23) 69 each monuments;
(24) 9.502 lin. ft. construct fence;
(25) 36,735 lin. ft. reconstruct fence;
(26) 2 each move timber structures;
(27) 50 lin. ft. 4 in. pipe;
(28) 31 each 16 ft. steel gates;
(29) 1 each 4 ft. steel gate;
(30) 36 lin. ft. 2 ft. x 1.5 ft. laminated culvert;
(31) 146 lin. ft. 3 ft. x 3 ft. laminated culvert.

Total bids follow:

(A) Gibbons & Reed Co., Salt Lake City ... $65,425.05
(B) George French Jr., Stockton ... 69,231.39
(C) W. W. Clyde & Co., Springville ... 70,372.49
(D) Isbell Constr. Co., Reno ... 71,927.78
(E) Pacific Construction Co., San Francisco ... 75,786.42
(F) Dodge Construction, Inc., Fallon ... 77,590.82
(G) Olof Nelson, Logan, U. ... 88,482.75

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$0.015	$0.02	$0.02	$0.02	$0.02	$0.02	$0.03	$0.02
(2)	.50	.50	.40	1.00	.50	1.00	1.00	.50
(3)	4.00	5.00	6.00	5.00	7.50	5.00	4.00	7.50
(4)	3.00	3.00	5.00	3.00	4.00	5.00	5.00	4.00
(5)	4.00	5.00	10.00	6.00	10.00	10.00	10.00	10.00
(6)	7.50	20.00	4.00	10.00	10.00	10.00	10.00	10.00
(7)	.35	.35	.25	.60	.40	.35	.50	.40
(8)	.26	.34	.40	.35	.37	.40	.50	.35
(9)	1.00	1.00	.80	1.50	1.00	1.25	1.00	1.00
(10)	75.00	100.00	100.00	00.00	150.00	100.00	1000.00	100.00
(11)	150.00	100.00	90.00	100.00	150.00	100.00	100.00	100.00
(12)	.65	.50	.50	.55	.60	.60	.80	.60
(13)	1.75	1.00	1.50	1.00	1.25	1.00	1.50	1.50
(14)	28.00	30.00	25.00	27.50	30.00	30.00	26.00	30.00
(15)	28.00	30.00	25.00	27.50	30.00	30.00	25.00	30.00
(16)	.07	.07	.08	.06	.06	.07	.07	.07
(17)	85.00	125.00	90.00	105.00	150.00	120.00	120.00	120.00
(18)	.90	1.50	1.00	1.15	1.25	1.00	1.00	1.50
(19)	1.65	2.00	1.75	1.75	2.25	2.00	1.70	2.00
(20)	2.55	2.50	2.50	2.60	3.25	3.00	2.80	2.50
(21)	3.15	3.25	3.25	3.20	4.25	4.00	4.00	3.50
(22)	5.05	4.50	5.00	5.00	6.25	5.50	5.00	4.50
(23)	3.00	3.00	3.00	3.50	3.00	3.00	5.00	4.00
(24)	.12	.13	.08	.10	.12	.12	.15	.12
(25)	.10	.11	.05	.10	.10	.08	.04	.08
(26)	50.00	30.00	50.00	25.00	25.00	25.00	50.00	25.00
(27)	1.00	1.50	2.50	1.25	2.00	2.00	2.00	2.00
(28)	24.00	20.00	18.00	20.00	15.00	50.00	20.00	15.00
(29)	8.00	6.00	7.00	10.00	7.00	25.00	10.00	7.00
(30)	4.85	4.00	3.50	4.00	4.25	5.00	3.00	4.25
(31)	9.50	7.00	6.50	7.00	7.50	10.00	5.00	7.50

BIDS OPENED

KERN COUNTY, Cal. Opperman & Kempe, 1327 Orange Drive, Bakersfield, at unit prices shown below, awarded contract by the Kern County Board of Supervisors, F. E. Smith, County Clerk, for constructing a timber bridge over Pioneer Canal on County Road No. 696.

Bids were taken as follows:

(1) Construction and removal of detour;
(2) Removal of existing bridge;
(3) Excavation;
(4) Embankment;
(5) 13,116 MFBM Douglas fir timber in place;
(6) 22,936 MFBM Redwood timber, in place;
(7) 2 fire barrels, in place.

The bidders were:

(A) Opperman & Kempe, Bakersfield.
(B) Williams & Greenough, Bakersfield.
(C) Rexroth & Rexroth, Bakersfield.
(D) Earl Bowen, Stratmore.
(E) R. McGray, Taft.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$50.00	$75.00	$50.00	$170.00	$95.00
(2)	40.00	85.00	100.00	72.00	100.00
(3)	300.00	165.00	100.00	100.00	150.00
(4)	165.00	225.00	150.00	165.00	225.00
(5)	67.00	77.00	72.00	80.20	69.23
(6)	71.00	79.00	76.00	84.84	73.26
(7)	12.00	20.00	20.00	5.00	10.00

BIDS OPENED

MARIN COUNTY, Cal. — E. A. Forde, 640 Redhill Ave., San Anselmo, at $689[illegible] 40 submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg. San Francisco, for constructing crusher run base on portions, applying armor coat to the roadbed, and applying seal coat to the shoulders, on about 1.3 miles in Marin County, between Belvedere Crossing and Tiburon.

The work involves:

(1) 25 M gals. water, in place;
(2) 300 c.y selected material, in place;
(3) 1.3 mi. preparing, mixing and shaping roadbed;
(4) 1,500 tons crusher run base, in place;
(5) 660 tons screenings, in place (armor coat);
(6) 21 tons liquid asphalt, SC-1A, in place (armor coat);
(7) 33 tons liquid asphalt, 90-95, in place (armor coat),
(8) 70 tons screenings, in place (seal coat);
(9) 19 tons liquid asphalt, SC-1A in place (seal coat);
(10) 10 tons liquid asphalt, SC-2, in place (seal coat).

Total bids follow:

(A) E. A. Forde, San Ansalmo, $6,891.40.
(B) Palo Alto Road Materials Co., Palo Alto, $7425.25.
(C) Lee J. Immel, Berkeley, $7516.70.
(D) A. J. Raisch, San Francisco, $8149.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 2.50	$ 1.50	$ 2.60
(2)	.75	1.15	.84	1.50
(3)	350.00	325.00	240.00	650.00
(4)	2.23	2.50	2.40	2.45
(5)	2.43	2.25	2.65	2.85
(6)	11.00	11.00	12.00	12.50
(7)	15.00	18.25	18.40	18.00
(8)	2.43	2.40	2.90	3.00
(9)	11.00	11.00	16.00	12.50
(10)	12.00	15.00	20.00	13.90

CONTRACT AWARDED

MOHAVE COUNTY, Ariz.—Skousen Bros., Albuquerque, N. M., at $136,666 awarded contract October 28 by Arizona State Highway Commission, Phoenix, for highway construction on the Ashfork-Kingman Highway, F.A. 86-1; A.F.E. 6623.

The work, which begins at the Hualpai Indian Reservation eastern boundary about 60 miles northeast of Kingman and extends southeasterly 10.8 miles, consists of grading, draining and placing aggregate base course, and is to be completed on or before August 31, 1936.

The principal items and approximate quantities are:

54,600 cu. yds. roadway excavation.
7,600 cu. yds. drainage excavation.
1,300 cu. yds. slides and overbreakage;
1,400 cu. yds. structural excavation.
23,600 sta. yds. earthwork O. H.
4,[illegible] cu. yds. earthwork [illegible]
22,000 cu. yds. imported borrow
111,000 cu. yds. mi. imported borrow haul
25,900 cu. yds. aggregate base course
48,200 cu. yds. mi. A.B.C. haul.
1,029 cu. yds. class "A" concrete.
83,400 lbs. reinf. steel
1,666 lin. ft. C.M.P. (various sizes)
115,000 lin. ft. line fence.
220 hours rolling.
400 M gals. sprinkling
32,000 cu. yds. stripping pits and other incidental items

Geo. W. Corr, El Paso, submitted the second bid at $144,462.

CLARK COUNTY, NEV.—15.13 Mi. Highway — (State)

CLARK COUNTY, Nevada.—Fredrickson & Watson Constr. Co., Fredrickson Bros., and Jones & King, 873 81st Ave., Oakland, at $219,669.70 submitted low bid, as previously reported, and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Clark County, Route 6, Sections B and C1, between Jean and Bard, a length of approximately 15.13 miles.

The work involves:

(1) 266 lin.ft. remove culvert pipe;
(2) 22 each remove culvert head walls;
(3) 68,600 cu.yd. roadway excavation;
(4) 47,505 yd.sta. overhaul
(5) 35,259 cu.yd. imported borrow;
(6) 1,540 cu.yd. structure excavation;
(7) 15.13 miles subgrade;
(8) 15.13 miles shoulders;
(9) 15.13 miles finish roadway;
(10) 63,200 tons crushed gravel or stone sub-base;
(11) 45,600 tons plantmix crushed gravel or stone base
(12) 25,900 tons plantmix asphaltic surface;
(13) 2,344 m. gal. water;
(14) 90 tons asphaltic road material, type MC-2;
(15) 1,295 tons Asphaltic road material, type SC-4;
(16) 445 tons asphaltic road material, type SC-2;
(17) 422 tons asphaltic road material, type SC-1A;
(18) 592 cu.yd. Class "A" concrete;
(19) 33 cu.yd. Class "B" concrete;
(20) 63,962 lb. reinforcing steel;
(21) 592 lin.ft. 18 in. corr. metal pipe (Dipped);
(22) 988 lin.ft. 24 in. corr. metal pipe (Dipped);
(23) 138 lin. ft. 30 in. corr. metal pipe (Dipped);
(24) 264 lin. ft. 36 in. corr. metal pipe (Dipped);
(25) 30 lin. ft. relay culvert pipe;
(26) 56 each move pipe culvert headwalls;
(27) 103 each monuments;
(28) 128 each culvert markers;
(29) 15.13 miles Salvage and Relay surface;
(30) 400 hours motor grader with pneumatic tires 8 ft. blade;
(31) 400 hours 50 h.p. crawler type tractor;
(32) 400 hours 10 ft. blade grader;
(33) 200 hours 50 h.p. tractor with power scraper (6 cu.yd. cap.);
(34) 200 hrs. 1½ ton dump truck;

Total bids follow:

(A) Fredrickson & Watson Constr. Co., Fredrickson Bros. and Jones & King, Oakland $219,669.70
(B) Pacific Constr. Co., S.F. 234,627.10
(C) Peninsula Pav. Co., S.F. 235,945.60
(D) W. W. Clyde & Co., Springville 243,569.36
(E) Isbell Constr. Co., Reno 244,589.48
(F) Dodge Constr. Co., Inc., Fallon 246,476.57
(G) Oswald Bros., L. A. 246,369.87
(H) Olof Nelson, Logan, U. 264,240.65
(I) Reynolds-Ely Constr. Co., Springfield 283,920.14
(J) V. R. Dennis Constr Co., San Diego 318,833.42
(K) Engineer's Estimate 262,677.72

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$0.62	$0.50	$0.50	$0.50	$1.00	$1.00	$0.65	$1.00	$1.00	$1.00	$0.50
(2)	5.00	5.00	5.00	8.00	4.00	5.00	5.00	3.00	10.00	5.00	5.00
(3)	0.24	0.30	0.26	0.35	0.40	.40	.39	.45	.50	.30	.35
(4)	.02	.02	.02	.02	.02	.05	.02	.03	.02	.02	.02
(5)	.37	.35	.35	.35	.42	.38	.33	.50	.30	.40	.35
(6)	1.00	1.00	1.00	1.00	1.00	1.50	1.25	1.00	1.00	1.00	1.00
(7)	125.00	175.00	225.00	100.00	150.00	200.00	175.00	100.00	100.00	500.00	175.00
(8)	125.00	175.00	300.00	80.00	150.00	100.00	80.00	100.00	100.00	300.00	150.00
(9)	200.00	125.00	150.00	100.00	100.00	200.00	130.00	100.00	100.00	300.00	100.00
(10)	.50	.52	.50	.50	.47	.47	.60	.70	.50	1.00	.70
(11)	.88	.90	1.00	1.15	1.00	.85	.93	1.00	1.00	1.30	1.10
(12)	1.03	1.20	1.20	1.25	1.30	1.40	1.18	1.40	1.75	1.60	1.45
(13)	2.00	2.00	3.00	3.00	4.00	3.00	3.00	3.00	3.50	2.50	2.50
(14)	25.00	25.00	25.00	21.50	22.00	21.00	27.00	21.00	23.00	30.00	20.00
(15)	19.50	20.00	20.00	17.50	17.00	18.00	18.00	18.00	18.00	20.00	17.00
(16)	15.25	15.00	16.00	13.00	14.00	15.00	14.75	13.50	14.00	18.00	15.00
(17)	15.00	15.00	15.00	13.40	14.00	13.00	14.75	13.00	14.00	17.00	15.00
(18)	23.00	25.00	25.00	24.00	25.30	28.00	25.00	24.00	25.00	28.00	30.00
(19)	28.00	30.00	24.00	25.00	25.30	28.00	25.00	24.00	25.00	25.00	30.00
(20)	.05	.05	.05	.055	.05	.05	.05	.05	.07	.06	.06
(21)	1.95	2.50	2.00	1.85	1.90	2.25	2.00	1.70	2.00	3.00	2.00
(22)	2.80	3.75	2.75	2.60	2.60	3.00	3.00	2.50	3.00	4.00	2.50
(23)	3.70	4.25	4.00	3.50	3.50	4.00	4.00	3.00	5.00	4.50	3.50
(24)	5.60	6.50	5.00	5.00	5.10	5.50	6.00	5.00	6.00	6.50	5.00
(25)	.62	1.00	.50	.50	.75	1.00	1.00	1.00	2.00	3.00	1.00
(26)	9.00	10.00	10.00	10.00	10.00	10.00	15.00	15.00	10.00	10.00	10.00
(27)	3.00	3.00	2.50	3.00	3.50	3.00	3.00	5.00	5.00	3.00	3.00
(28)	3.00	2.50	2.50	2.00	2.50	4.00	2.50	1.00	2.00	3.00	2.50
(29)	470.00	500.00	350.00	700.00	500.00	660.00	700.00	600.00	500.00	1000.00	500.00
(30)	4.00	5.00	4.00	3.50	4.50	4.00	3.56	3.00	3.00	4.00	5.00
(31)	4.00	5.00	3.50	3.50	5.00	4.50	5.00	3.00	3.00	4.00	5.00
(32)	1.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00
(33)	4.50	4.50	3.00	4.50	5.00	6.00	6.00	4.90	5.00	6.00	4.50
(34)	2.00	2.00	2.50	2.25	2.00	2.50	2.50	1.50	2.00	2.50	2.00

BIDS WANTED

VENTURA COUNTY—Until November 21, 2 p. m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 4.8 miles grading and paving with asphalt concrete, Portland cement concrete, and plant mixed surfacing, in Ventura County between Newbury Park and Conejo Creek.

The work involves:

(1) 256 stations clearing and grubbing right of way;
(2) 13,000 M gals. water;
(3) 770,000 cu. yds. rdwy. excav; unclass;
(4) 1700 cu. yds. imported selected material;
(5) 3850 cu. yds. struc. excav;
(6) 3200 cu. yds. ditch and channel excav;
(7) 5,300,000 station yds. overhaul;
(8) 70 tons liquid asphalt 90-95 (subgrade seal coat);
(9) 20 tons special asphaltic emulsion (subgrade stabilization);
(10) 160 sq. yds. preparing, mixing, and shaping roadbed (subgrade);
(11) Stabilization, sta. 56 plus 50 to sta. 66 plus 50;
(12) 37,000 sq. yds. subgrade for pavement;
(13) 250 stations finishing rdwy;
(14) 7500 tons mineral aggregate (plant mixed surfacing);
(15) 400 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing;
(16) 50 tons liquid asphalt MC-2 (prime coat)
(17) 35 tons liquid asphalt MC-3 (seal coat);
(18) 28,000 sq. yds. preparing, mixing and shaping shoulders;
(19) 40 tons liquid asphalt SC-2 (prime coat);
(20) 460 tons liquid asphalt SC-2 (shoulders);
(21) 40 tons liquid asphalt 90-95 (seal coat;
(22) 1050 sq. yds. screenings (seal coat);
(23) 4800 sq. yds. asphaltic paint binder;
(24) 1720 tons asphalt conc. base and leveling course;
(25) 900 tons asphalt concrete (Type A surface);
(26) 6660 cu. yds. Class A Portland cement concrete (pavement);
(27) 13,500 each pavement dowels;
(28) 63,800 lbs. bar reinf. steel (pavement and strucs.);
(29) 420 cu. yds. Class A Portland cement concrete (strucs.);
(30) 1900 lin. ft. 8-in. CMP;
(31) 3080 lin. ft. 24-in. CMP;
(32) 180 lin. ft. 24-in. CMP, 12-gauge
(33) 360 lin ft. 30-in. CMP;
(34) 60 lin. ft. 36-in. CMP;
(35) 240 lin. ft. 36-in. CMP, 10 gauge;
(36) 11 each spillway assemblies;
(37) 28 each C M tapers;
(38) 50 lin. ft. CMP culverts to be cleaned and relaid;
(39) 50 lin. ft. CMP culverts to be cleaned and salvaged;
(40) 110 lin. ft. laminated guard rail;
(41) 90 lin. ft. solid timber wheel guard;
(42) 45 each culvert markers;
(43) 810 each guide posts;
(44) 5.5 miles new property fence;
(45) 2.0 miles property fence to be moved and reset;
(46) 20 each drive gates;
(47) 3100 lbs. misc. iron and steel;
(48) 400 cu. yds. exist. conc. to be removed and disposed of;
(49) 1 only exist bridge to be removed and disposed of.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTICE TO CONTRACTORS

COCONINO COUNTY, Arizona—The Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, has announced that a project for the construction of a bituminous treated surfacing or a base course with bituminous surface treatment on a portion of Route 4, the Bright Angel Springs-North Entrance Road, Grand Canyon National Park and Sections C, D, E, and F of the Jacobs Lake-North Rim Approach Road to Grand Canyon National Park, Coconino Co., Arizona, will be advertised this winter after the ground has been covered with snow, and bids will be received in the spring before snow conditions would permit viewing the project. It will be necessary, therefore, for prospective bidders to immediately inspect the location of the project and the material sources.

Design has been completed, and preliminary quantities and plans are available at the office of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco.

The length of the project is approximately 32 miles, and the work involves:

(1) 18,200 c.y. unclassified excavation;
(2) 113 c.y. structure excavation;
(3) 14,650 c.y.unclassified excavation for borrow;
(4) 31,500 c.y.mi. overhaul;
(5) 608 l.f. C.M.P.;
(6) 82,500 tons crushed gravel base course;
(7) 500 tons supplemental crushed gravel base course;
(8) 3,500 M. galts. watering;

Additional quantities for the bituminous surface treatment follow:

(9) 7,580 tons screenings;
(10) 1,025 tons supplemental screenings;
(11) 1,506 tons applying asphaltic material prime coat and bituminous binder.

Additional quantities for the bituminous treated surface course follow:

(12) 51,700 tons bituminous treated crushed gravel;
(13) 5,000 tons crushed gravel for shoulders;
(14) 200 tons supplemental crushed gravel for surface course;
(15) 3,400 tons screenings;
(16) 780 tons applying material prime coat and for seal coat.

ELKO COUNTY, NEV.—DEETH OVERPASS — (STATE)

ELKO COUNTY, Nevada—Gibbons & Reed, 165 E. Fourth South St., Salt Lake City, Utah, at $53,138.67 submitted low bid, as previously reported, and awarded contract October 24, by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for constructing a concrete and steel overpass and approaches on the State Highway System in Elko County, Route 1, Section D1 and D2, near Deeth, a length of approximately 0.35 mile.

The work involves:

(1) 94 lin. ft. remove culvert pipe;
(2) 4 each remove pipe culvert headwalls;
(3) 2436 lin. ft. remove fence;
(4) 330 cu. yd. roadway excavation:
(5) 95,104 cu. yd. imported borrow;
(6) 340 cu. yd. structure excavation;
(7) 0.33 mile subgrade;
(8) 0.35 mile finish roadway;
(9) 920 tons crushed gravel or stone base;
(10) 0.35 mile salvage and relay surface;
(11) 50.0 tons asphaltic road material. type SC2
(12) 170 cu. yd. class "A" concrete;
(13) 230 cu. yd. class "D" concrete;
(14) 72,500 lbs. reinforced steel;
(15) 25,000 lbs. structural steel
(16) 2,800 lin. ft. treated piles;
(17) 112 each drive treated piles;
(18) 44 lin. ft. 15" corr. metal pipe;
(19) 24 lin. ft. 18" corr. metal pipe;
(20) 66 lin. ft. 24" corr. metal pipe;
(21) 82 lin. ft. 36" corr. metal pipe;
(22) 88 lin. ft. relay culvert pipe:
(23) 12 each move pipe culvert headwalls;
(24) 3,320 lin. ft. standard metal guard rail;
(25) 14 each monuments;
(26) 100 lin. ft. construct fence;
(27) 2,436 lin. ft. reconstruct fence
(28) Lump sum, construct detour.

Total bids follow:

(A) Gibbons & Reed Co., Salt Lake City, $53,138.67.
(B) Utah Construction Co., Ogden, $58,681.10.
(C) Isbell Construction Co., Reno, $68,438.18.
(D) Dodge Construction, Inc., Fallon, $69,976.80.
(E) Peninsula Paving Co., San Francisco, $72,180.72.
(F) Hoops Constr. Co., Twin Falls, Idaho, $86,505.24.
(G) Engineer's Estimate, $67,067.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .60	$ .50	$ 1.50	$ 1.00	$ .50	$ 1.00	$ .75
(2)	5.00	5.00	5.00	10.00	6.00	15.00	5.00
(3)	.02	.02	.03	.05	.02	.06	.05
(4)	.90	.30	.75	1.00	.60	.50	.50
(5)	.28	.32	.35	.35	.35	.55	.40
(6)	1.00	2.50	1.00	2.00	2.50	1.50	1.50
(7)	75.00	150.00	500.00	500.00	200.00	150.00	200.00
(8)	150.00	200.00	500.00	1000.00	300.00	200.00	100.00
(9)	.70	.70	1.00	2.00	1.00	1.00	1.60
(10)	600.00	1200.00	1700.00	2000.00	1200.00	4500.00	1000.00
(11)	20.00	23.00	25.00	20.00	30.00	20.00	18.00
(12)	22.00	20.00	31.60	30.00	30.00	30.00	24.00
(13)	24.00	26.00	33.40	30.00	35.00	28.00	26.00
(14)	.06	.065	.08	.06	.07	.065	.055
(15)	.08	.105	.10	.10	.10	.10	.07
(16)	.65	.60	1.00	1.00	.75	.70	.75
(17)	6.00	15.00	20.00	30.00	25.00	25.00	15.00
(18)	1.50	1.50	1.70	2.00	2.00	1.50	2.00
(19)	1.80	2.05	2.25	3.00	2.50	2.00	2.50
(20)	2.70	3.30	3.20	4.00	3.50	3.00	3.50
(21)	4.95	5.55	5.20	6.00	6.00	5.00	5.00
(22)	.75	.40	1.00	1.00	.75	1.00	1.00
(23)	12.00	15.00	5.00	15.00	10.00	5.00	10.00
(24)	1.10	.90	1.30	1.25	1.50	1.25	1.25
(25)	3.00	3.00	3.50	3.00	2.50	4.00	4.00
(26)	.20	.15	.20	.20	.15	.25	.15
(27)	.08	.05	.05	.10	.10	.08	.10
(28)	1000.00	700.00	1000.00	1000.00	2900.00	1500.00	500.00

BIDS WANTED

MONTEREY COUNTY.—Until November 20, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with bituminous treated screened river gravel, road mix method, in Monterey County, between 3 miles north of Big Sur and Moleras Ranch.

The work involves:

(1) 93 stations clearing and grubbing right of way;
(2) 69 each removing and grubbing trees, size 1;
(3) 44 each removing and grubbing trees, size 2;
(4) 13 each each removing and grubbing trees, size 3;
(5) 7 each removing and grubbing trees, size 4;
(6) 23 each removing trees, size 1;
(7) 14 each removing trees, size 2;
(8) 11 each removing trees, size 3;
(9) 2 each removing trees, size 4;
(10) 123,000 cu. yds. rdwy. excav. unclass.;
(11) 100,000 station yds. overhaul;
(12) 2550 cu. yds. struc. excav.;
(13) 650 cu. yds. ditch and channel excav;
(14) 93 stations finishing rdwy.;
(15) 600 cu. yds. gravel base.;
(16) 2300 cu. yds. gravel surfacing;
(17) 215 tons liquid asphalt SC-2;
(18) 21 tons liquid asphalt SC-2 (prime coat);
(19) 14 tons liquid asphalt SC-2 (seal coat;
(20) 95 cu. yds. sand (seal coat);
(21) 4 MFBM Redwood timber, dense. select, all heart, structural;
(22) 35 MFBM Redwood timber, select, all heart, structural grade;
(23) 52 cu. yds. rubble masonry;
(24) 428 lin. ft. 8 in. C M P;
(25) 434 lin. ft. 18 in. C M P;
(26) 386 lin. ft. 24 in. C M P;
(27) 462 lin. ft. 36 in. C M P;
(28) 84 lin. ft. 48 in. C M P;
(29) 82 lin. ft. 66 in. C M P;
(30) 132 lin. ft. 66 in. C M P, 8 guage;
(31) 400 lin. ft. 8-in. Perf. metal pipe (underdrains);
(32) 90 cu. yds. rock filling material;
(33) 34 lin. ft. exist. C M P culverts to be removed, cleaned and relaid;
(34) 18 each spillway assemblies;
(35) 214 each rough hewn timber guide posts;
(36) 1200 lin. ft. rough hewn timber (guard rail);
(37) 47 each rough hewn culvert markers;
(38) 21 each move and reset guide posts;
(39) 3.5 miles property fences;
(40) 10 each fence gates;
(41) 20 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BDS WANTED

SAN FRANCISCO, Calif.—Until November 13, 2:30 p. m., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Specification No. 18,830 for the improvement of Blanche Street between Elizabeth and 23rd Streets. Estimated cost $1500. The work involves:

(1) 150 c. y. grading, excavation;
(2) 3900 sq. ft. 6-inch class E concrete pavement;
(3) 1 each taper tube lighting standard, Cat. No. 5722-1019 or equal, in place;
(4) 166 l. f. 1½-inch black conduit, NEC standard;
(5) 370 l. f. No. 8 solid single conductor 6000 V. R. & L. C. wire, NEC standard;
(6) One each special concrete base for lighting standard, complete.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS WANTED

EL CERRITO, Contra Costa Co., Cal.—Until November 4, 5 p. m., bids will be received by the El Cerrito City Council, Fred J. Prosser, City Clerk, City Hall, San Pablo and Manila Avenue, for the improvement of Cutting Boulevard in the City of El Cerrito to the westerly line of San Pablo Ave.

The work involves:

(1) 262.11 c. y. excav, unclassified;
(2) 96.39 c. y. fill, in place;
(3) 351.13 tons crusher run base, in place;
(4) 837.3 gals. paint coat in place;
(5a) 264 tons natural rock asphalt, in place;
(5b) 369 tons asphalt concrete, in place;
(6) 784 l. f. concrete curb, in place;
(7) 2,485 sq. ft. concrete gutter and driveways, in place;
(8) 86 l. f. excav: remove 18 in. pipe, install 21 in. C M P and backill;
(9) 102 l. f. excav: remove 16 in. pipe, install 24 in. C M P and backfill;
(10) 40 l. f. excav: remove 16 in. pipe and back fill;
(11) 40 l. f. excav: install 24 in. C M P and backfill;
(12) 84 l. f. excavate: lay 16 in. C I P and back fill;
(13) 32 l. f. Redwood headers;
(14) 5 assemblies: excavate: install catch basins complete, and back fill, including deepening; lump sum.

NOTE: Items (5a) and (5b) are alternative.

Plans and specifications obtainable from the City Clerk upon deposit of $5.

Harry D. Chapman, City Engineer.

CONTRACT AWARDED

COCHISE COUNTY, Arizona—J. A. Casson, 319 Warren St., Hayward, Calif., at $91,894 awarded contract October 28 by Arizona State Highway Commission, Phoenix, for highway construction on the Douglas - Safford Highway, W.P.S.S. 114-C; A.F.E. 8109. The work, which is to begin at the town of Elfrida (about 25 miles north of Douglas) and to extend northerly for about 10.2 miles, consists of grading, draining and placing aggregate base course, and is to be completed on or before May 31, 1936. The principal items and approximate quantities are:

17,200 cu. yds. roadway excavation
2.2 miles grading roadway to section;
1,400 lin. ft. grading and constructing fords to section (C.I.P.);
21,200 cu. yds. imported borrow;
10,400 cu. yd. mi. imported borrow haul;
32,100 cu. yds. aggregate base course (C I P.);
40 cu. yds. class "A" concrete;
2,200 lbs. reinf. steel;
1,166 lin. ft. C.M.P. (various sizes);
35,000 lin. ft. line fence;
50,500 lin. ft. grader ditcher;
300 hours rolling;
300 M. gals. sprinkling;
and other incidental items.

Ken Hodgman, Pasadena, submitted the second bid at $92,023.

BIDS WANTED

SAN FRANCISCO, Calif. — Until November 13, 2:30 p.m., bids will be received by the Department of Public Works, Room 251 City Hall, under Spec. No. 18,867, for the improvement of Alemany Blvd., Section "D," from San Jose Ave. to Crizaba Ave. Estimated cost, $63,345.

The work involves:

(1) 10,000 cu.yds. embankment;
(2) 140,000 sq.ft. asphalt - concrete pavement (1½-1½-8-in.) Class "E" concrete;
(3) 3,750 sq.ft. asphalt-concrete pavecrete pavement (2-6-in.) Class

BIDS WANTED — Moccasin Diversion Works — (City)

TUOLUMNE COUNTY—Until November 13, 3 p. m., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under H. H. W. S. Contract No. 156, for construction of the Moccasin Diversion Works.

A concrete overflow type dam and a concrete conduit are to be constructed to divert the waters of Moccasin Creek past Moccasin Re-regulating Reservoir of the Hetch Hetchy Water Supply System, in Tuolumne County.

Bids will be taken on two propositions as follows:

PROPOSAL A covers all work required under the contract, using a monolithic type conduit;

PROPOSAL B covers all work required under the contract, using a precast pipe type conduit as alternate to the monolithic type conduit.

The work involves:

	Prop. A	Prop. B	
(1)	1,500	1,500	cu. yds. common excavation for dam;
(2)	2,500	2,500	cu. yds. rock excavation for dam;
(3)	5,000	4,900	cu. yds. common excavation for conduit;
(4)	3,000	2,600	cu. yds. rock excavation for conduit;
(5)	1,500	1,500	drilling grout holes;
(6)	500	500	lin. ft. Furnishing and installing grout pipes;
(7)	70	70	each making connections to grout pipes;
(8)	1,000	1,00	cu. ft. pressure grouting;
(9)	3,700	3,700	cu. yds. concrete, class A;
(10)	75	75	cu. yds. concrete, class B;
(11)	500	340	cu. yds. concrete, class C;
(12)	4,500	4,350	barrels Portland cement;
(13)	45,000	45,000	pounds reinforcing steel;
(14)	1,720	None	lin. ft. Diversion conduit, monolithic type;
(15)	None	1,720	lin. ft. Diversion conduit, precast pipe type;
(16)	3,900	3,900	pounds Galvanized pipe hand railing;
(17	2,000	2,000	pounds copper water stops;
(18)	38,000	38,000	pounds structural steel;
(19)	1,000	1,000	pounds steel hardware;
(20)	600	600	pounds galvanized steel wire rope.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $10.

L. T. McAfee, Chief Engineer.

The PWA has allocated a grant of $153,450 to aid in financing the project, total cost of which is estimated at $341,000.

"F" concrete;
(4) 5,000 sq.ft. asphaltic concrete pavement (1½-1½-4-in.) asphalt base;
(6) 1,800 sq.ft. asphalt-macadam sidewalk (2-5-in.);
(7) 2,050 sq.ft. asphalt-macadam sidewalk (1-4-in.);
(8) 210 lin.ft. Redwood curb (painted) (2-12-in.);
(9) 3,100 lin.ft. concrete curb (armored);
(10) 30,000 sq.ft. concrete sidewalk (one course);
(11) 5 brick manholes;
(12) 5 brick catchbasins;
(13) 630 lin.ft. 12-in. V.C.P. sewer;
(14) 360 lin.ft. 8-in. V.C.P. sewer;
(15) 240 lin.ft. 10-in. V.C.P. culvert;
(16) 400 lin.ft. sewer;
(17) 19 12-in. x 6-in. "Y" or "T" branches;
(18) 11 8-in. x 6-in. "Y" or "T" branches;
(19) Lump sum traffic control system installed, complete;
(20) Lump sum lihtin system installed, complete.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351 City Hall, upon cash deposit of $10.

BIDS WANTED

LASSEN COUNTY—Until November 20, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 9.2 miles grading and applying bituminous seal coat in Lassen County between Long Valley Creek and 2.8 miles north of Route 21.

The work involves:
(1) 65 acres clearing and grubbing right of way;
(2) 1000 M. gals. water;
(3) 222,000 cu. yds. rdwy. excav. unclass.;
(4) 3,320,000 station yds. averhaul;
(5) 950 cu. yds. ditch and channel excavation;
(6) 2400 cu. yds. struc. excav.;
(7) 489 sta. finishing rdwy.
(8) 130,200 sq. yds. preparing roadbed for oil treatment;
(9) 270 tons liquid asphalt SC-2 (penetration oil treatment);
(10) 188 tons liquid asphalt 90-95 (seal coat);
(11) 2779 tons screenings (seal coat and stockpiles);
(12) 510 cu. yds. class A Port. cem. conc. (strucs.);
(13) 52,500 lbs. har rein. steel (struc.)
(14) 5100 lbs. steel I-beams (cattle guard);
(15) 750 lbs. misc. iron and steel (cattle guard);
(16) 430 cu. yds. rock slope protection;
(17) 198 lin. ft. 8 in. C M P;
(18) 15 each spillway assemblies;
(19) 15 each 8 in. C M P elbows;
(20) 96 lin. ft. 12 in. C M P;
(21) 1858 lin. ft. 18 in. C M P;
(22) 450 lin. ft. 24 in. C M P;
(23) 50 lin. ft. 30 in. C M P;
(24) 142 lin. ft. 36 in. C M P;
(25) 104 each culvert markers;
(26) 1 only exist. bridge to be removed;
(27) 131 each monuments complete in place.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

30—RESERVOIRS & DAMS

BIDS WANTED

BONNEVILLE DAM, Oregon.—Until November 8, 3 p. m., bids will be received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-123, for drilling in the area along the north bank of Columbia River at North Bonneville, Wash.

Bids will be taken as follows:
(1) 600 l. f. churn drilling;
(2) 1100 l. f. stand pipe drilling;
(3) 200 l. f. core drilling;
(4) 470 l. f. churn drill casing left in ground;
(5) 1170 l. f. stand pipe left in ground.

Specifications obtainable from the above office.

BIDS WANTED

CASPER, Wyoming.—Until November 26, 10 a. m., new bids will be received by the Bureau of Reclamation, Casper, Wyoming, under Spec. No. 630, for the construction of the Seminoe Dam Power Plant, Casper-Alcova Project, Wyoming.

Bids on this contract were previously opened on July 22, and contract awarded to Winston Bros. Co., Minneapolis; Utah Constr. Co., Ogden; Bechtel Co., San Francisco; Morrison-Knudsen Co., Boise; and Henry J. Kaiser Co., Oakland, bidding jointly, at $2,194,007.

The work is located on the North Platte River about 37 miles northeast of Parco, Wyoming, and the principal items of work involved are:
(1) 606,000 c. y. all classes of open-cut excavation;
(2) 22,000 c. y. tunnel excavation;
(3) 700 c. y. gravel road surfacing;
(4) 3000 c. y. back fill;
(5) 1000 c. y. riprap;
(6) 400 c. y. rubble masonry;
(7) 189,680 c. y. concrete;
(8) 90 c. y. porous concrete;
(9) 34,600 c. f. pressure grouting;
(10) Drilling 30,400 l. f. grout, drainage, weep, and anchor bar holes;
(11) Placing 2,550,000 lbs. reinforcement bars and fabric;
(12) Constructing 260 l. f. 4 in. to
(13) Constructing 800 l. f. 4 in. diameter split sewer pipe drains;
(14) Manufacturing and placing 7000 l. f. porous concrete drain tile;
(15) Installing 397,000 lbs. metal pipe, tubing and fittings;
(16) Installing 365,000 lbs. of power penstocks and outlet pipes;
(17) Installing 1,535,000 lbs. needle valves and miscellaneous metal work;
(18) Installing 1,002,000 lbs. gates and appurtenances;
(19) 180,000 lbs. structural bridge steel;
(20) Installing 13 MFBM bridge timbers;
(21) Installing 11,600 l. f. metal sealing strips;
(22) Installing 8400 sq. ft. asphalt-saturated felt roofing;
(23) Installing 25,700 l. f. electrical conduit;
(24) Installing 10,000 l. f. electrical cable for testing apparatus;
(25) Furnishing, installing and operating a concrete cooling plant;
(26) Transporting 30,000 cwt of freight for government.

Work shall be commenced within 30 calendar days and completed within 1150 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the office of Bureau of Reclamation, Casper, Wyo.; Denver, Colo.; or Washington, D. C., at a charge of $5 per copy, not returnable.

Complete list of bid items on the previous bid opening is on file at the office of the Daily Pacific Builder.

31 — PIPE LINES & WELLS

COMPLETE BID LISTING

LOS ANGELES, Cal.—Bids for constructing 25.09 miles of cast-in-place concrete, precast concrete or steel pipe lines and appurtenant works of the Colorado River Aqueduct distribution system between Stations 926 plus 60 and 2257 plus 50 of the upper feeder, Secification No. 115, were received October 24 by the Metropolitan Water District of Southern California. The work is divided into five schedules and the low bidders were apparently as follows:

Schedule 4P—American Concrete & Steel Pipe Co., 4635 Firestone Blvd., South Gate, at $1,040,055.70.

Schedule 4C—S. J. Groves & Son, Inc., 509 Wesley Temple Bldg., Minneapolis, Minn., at $671,050.

Schedule 5P—American Concrete & Steel Pipe Co., 4635 Firestone Blvd., South Gate, at $1,013,985.50.

Schedule 5C—Gunther & Shirley, 206 S. Spring St., Los Angeles, submitted the low bid at $668,520, but stated in their stipulations they would not accept this schedule alone. The next three lowest bidders also submitted stipulations that apparently preclude the award of contract to them and the lowest bidder without stipulations appears to be C. F. Lytle, 504 Nebraska St., Sioux City, Iowa, at $740,560.

Schedule 6P—C. W. Wood, Box 49, and M. J. Bevanda, 319 Elks Bldg., Stockton, at $1,405,462.

Schedule 6C—Gunther & Shirley, 206 S. Spring St., Los Angeles, at $697,475.

Schedule 7P—C. W. Wood and M. J. Bevanda, Stockton, at $1,483,562.

Schedule 7C—Gunther & Shirley, 206 S. Spring St., Los Angeles, at $779,790

Schedule 8P—United Concrete Pipe Corp., 1347 W. 208th St., Los Angeles, at $1,127,785.95.

Schedule 8S—Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, at $1,346,775.80.

The work is located within the counties of San Bernardino and Los Angeles, and comprises approximately 25.09 miles of pipe line construction between a point about 10 miles westerly from the City of San Bernardino and a point one-half mile north of the City of Glendora. The work is divided into schedules as follows:

Schedules	Length in mi.	Precast ft.	Precast in.	Cast-in-place ft.	Cast-in-place in.	Steel ft.	Steel in.
4P or 4C	4.90	12	8	13	0	....	....
5P or 5C	4.71	12	8	13	0	....	....
6P or 6C	5.18	11	8	12	0	....	....
7P or 7C	5.66	11	8	12	0	....	....
8P or 8S	4.64	10	3	....	....	10	10

Schedules 4P, 5P, 6P, 7P and 8P are alternative respectively to Schedules 4C, 5C, 6C, 7C, and 8S, and only one schedule under each number will be awarded.

Complete total bids received on each schedule follow:

SCHEDULE 4P

American Concrete & Steel Pipe Co. $1,040,055.70.

Chicago Bridge & Iron Works, $1,370,025.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 926 plus 00 and 1185 plus 40. Pipe diameter 12 ft. 8 in.; length 25,867 ft.

Schedule 4P is alternative to Schedule 4C and both will not be awarded.
(1) does not apply here;
(2) 465,000 cu. yds. excav. for pipe—side slope trench;
(3) 1300 cu. yds. excav. for structures;

(4) 290,000 cu. yds. backfill;
(5) does not apply here;
(6) 450 cu. yds. concrete in structures—reinforced;
(7) 60 cu. yds. concrete in structures—plain;
(8) does not apply here;
(9) 10,000 cu. yds. concrete in cradle;
(10) 25,867 lin. ft. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 46,000 lbs. placing reinf. steel in structures;
(14) 8,700,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 14,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 56,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 100 ton-miles hauling steel;
(26) 13,000 ton-miles hauling cement

SCHEDULE 4C

S. J. Groves & Sons Co., $671,050
Gunther & Shirley, $679,115.
United Concrete Pipe Corp., $687,330.
West Constr. Co., $723,765.
J. F. Shea Co., $739,550.
C. F. Lytle, $740,070.
Walsh Construction Co., $755,520.
Daley Corp., $755,730.
Barrett & Hilp and Macco Corp., $780,850.
David H. Ryan and F. M. Bodenhamer, $808,615.
C. W. Wood and M. J. Bevanda, $819,240.
Jahn & Bressi Constr. Co., Inc. and Mittry Bros. Constr. Co., $820,700
Winston Bros. Co., $828,414.
Atkinson, Kettlewell & Lewis, $847,190.
Utah Constr. Co., $896,930.
Morrison & Knudsen Co., $922,300.

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 926 plus 00 and 1185 plus 40. Pipe diameter 13 ft.; length 25,867 ft.

Schedule 4C is alternative to Schedule 4P and both will not be awarded.
(1) does not apply here;
(2) 515,000 c.y. excav. for pipe—side slope trench;
(3) 900 c.y. excav. for structures;
(4) 326,000 c.y. backfill;
(5) 61,000 c.y. concrete in cast-in-place pipe;
(6) 200 c.y. concrete in structures, reinf.;
(7) 50 c.y. do, plain;
(8) (9) (10) and (11) do not apply here;
(12) 11,300,000 lbs. placing reinf. steel in cast-in-place pipe;
(13) 20,000 lbs. placing reinf. steel in structures;
(14) does not apply here;
(15) 458,000 lbs. installing joint plates in cast-in-place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 68,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 4000 ton-miles hauling steel;
(26) 13,000 ton-miles hauling cement.

SCHEDULE 5P

American Concrete & Steel Pipe Co. $1,013,985.50.
Chicago Bridge & Iron Works, $1,329,062.50.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1185 plus 40 and 1436 plus 00. Pipe diameter 12 ft. 8 in.; length, 24,895 ft.

Schedule 5P is alternative to Schedule 5C and both will not be awarded.
(1) 31,900 c.y. excav. for pipe—vertical trench;
(2) 417,000 c.y. do—side slope trench
(3) 1600 c.y. excav. for structures;
(4) 280,000 c.y. backfill;
(5) does not apply here;
(6) 450 c.y. concrete in struc.—reinf
(7) 50 c.y. do—plain;
(8) does not apply here;
(9) 10,000 c.y. concrete in cradle.
(10) 24,895 l.f. precast concrete pipe cage reinforcement;
(11) and (12) do not apply here.
(13) 47,000 lbs. placing reinf. steel in structures;
(14) 8,400,000 lbs. furnishing and plac reinf. steel in precast pipe;
(15) does not apply here;
(16) 12,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 58,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(36) 100 ton-miles hauling steel;
(26) 25,000 ton-miles hauling cement.

SCHEDULE 5C

Gunther & Shirley, $663,520.
United Concrete Pipe Corp., $665,130
West Constr. Co., $688,170.
S. J. Groves & Sons Co., $704,390.
Walsh Constr. Co., $733,620.
C. F. Lytle, $740,560.
J. F. Shea Co., $772,200.
David H. Ryan and F. M. Bodenhamer, $801,660.
Daley Corp., $802,130.
C. W. Wood and M. J. Bevanda, $816,200.
Jahn & Bressi Constr. Co., and Mittry Bros. Constr. Co., $820,790.
Barrett & Hilp and Macco Corp., $842,010.
Atkinson, Kettlewell & Lewis $846,700
Winston Bros. Co., $875,122.
Morrison-Knudsen Co., $916,590.
Utah Constr. Co., $926,680.

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1185 plus 40 and 1436 plus 00. Pipe diameter 13 ft.; length, 24,895 ft.

Schedule 5C is alternative to Schedule 5P and both will not be awarded.
(1) 34,000 c.y. excav. for pipe—vertical trench;
(2) 456,000 c.y. do—side slope trench;
(3) 1200 c.y. excav. for structures;
(4) 308,000 c.y. backfill;
(5) 59,000 c.y. concrete in cast-in-place pipe;
(6) 200 c.y. concrete in struc.—reinf.
(7) 50 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 11,000,000 lbs. placing reinf. steel in cast in place pipe;
(13) 24,000 lbs. placing reinf. steel in structures;
(14) does not apply here;
(15) 434,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 66,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 8000 ton-miles hauling steel;
(26) 24,000 ton-miles hauling cement.

SCHEDULE 6P

C. W. Wood and M. J. Bevanda, $1,405,462.
Chicago Bridge & Iron Works, $1,482,506.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1436 plus 00 and 1708 plus 30. Pipe diameters 11 ft. 8 in.; length, 27,348 ft.

Schedule 6P is alternative to Schedule 6C and both will not be awarded.
(1) 330,000 c.y. excav. for pipe—vertical trench;
(2) 36,000 c.y. do—side slope trench;
(3) 1000 c.y. excav. for structures;
(4) 206,000 c.y. backfill;
(5) does not apply here;
(6) 2000 c.y. concrete in struc.—reinf
(7) 250 c.y. do—plain.
(8) 600 c.y. concrete in anchors.
(9) 12,500 c.y. concrete in cradle.
(10) 27,348 l.f. precast concrete pipe cage reinforcement;
(11) and (12) do not apply here.
(13) 390,000 lbs. placing reinf. steel in structures;
(14) 8,100,000 lbs. furnishing and placing reinf. steel in precast pipe.
(15) does not apply here.
(16) 16,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections.
(17) (18) and (19) do not apply here.
(20) 40,000 lbs. installing misc. metal
(21) 330 l.f. relocating and reconnecting 12-in. concrete pipe water main;
(22) (23) and (24) do not apply here;
(25) 400 ton-miles hauling steel;
(26) 30,000 ton-miles hauling cement

SCHEDULE 6C

Gunther & Shirley, $697,475.
Bent Bros., Inc., $810,545.
Atkinson, Kettlewell and Lewis, $893,390.
C. F. Lytle, $916,860.
J. F. Shea Co., $923,020
Winston Bros. Co., $985,115.
Barrett & Hilp and Macco Corp., $1,060,613.
C. W. Wood and M. J. Bevanda, $1,068,230.
Morrison-Knudsen Co., $1,075,750.
Jahn & Bressi Constr. Co., and Mittry Bros. Constr. Co., $1,083,710
Utah Constr. Co., $1,100,085.

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1436 plus 00 and 1709 plus 30. Pipe diameter 12 ft. 0 in.; length 27,348 ft.

Schedule 6C is alternative to Schedule 6P and both will not be awarded.
(1) 368,000 c.y. excav. for pipe—vertical;
(2) 39,000 c.y. do—side slope trench
(3) 300 c.y. excav. for structures;
(4) 237,000 c.y. backfill;
(5) 56,000 c.y. conc. in cast-in-place pipe;
(6) 100 c.y. concrete in struc.—reinf.
(7) 250 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 9,000,000 lbs. placing reinf. steel in cast in place pipe;
(13) 13,000 lbs. placing reinf. steel in structures;
(14) does not apply here;
(15) 445,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and (19) do not apply here;
(20) 55,000 lbs. installing misc. metal;
(21) 330 l.f. relocating and reconnecting 12-in. concrete pipe water main;
(22) (23) and (24) do not apply here;
(25) 9,000 ton-miles hauling steel;
(26) 30,000 ton-miles hauling cement.

SCHEDULE 7P

C. W. Wood and M. J. Bevanda, $1,483,562.
Chicago Bridge & Iron Works, $1,588,418.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 1709 plus 30 and 2009 plus 18. Pipe diameter 11 ft., 8 in.; pipe length, 29,878 ft.; spillway 166 ft

Schedule 7P is alternative to Schedule 7C and both will not be awarded
(1) 321,000 c.y. excav. for pipe—vertical trench;
(2) 58,000 c.y. do—side slope trench
(3) 4200 c.y. excav. for structures;
(4) 206,000 c.y. backfill;
(5) does not apply here;
(6) 2650 c.y. concrete in struc.—reinforced;
(7) 150 c.y. do—plain;
(8) 1100 c.y. concrete in anchors;
(9) 11,500 c.y. concrete in cradle.

(10) 29,878 l.f. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 500,000 lbs. placing reinf. steel in structures;
(14) 8,500,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 13,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 80,000 lbs. installing misc. metal;
(21) does not apply here;
(22) 1160 l.f. relocating and reconnecting 10-in. concrete pipe water main;
(23) 1900 l.f. do 8-in. do;
(24) 1630 l.f. do 2-in. iron do;
(25) 300 ton-miles hauling steel;
(26) 17,000 ton-miles hauling cement.

SCHEDULE 7C

Gunther & Shirley, $779,790.
Bent Bros., Inc., $875,390.
Atkinson, Kettlewell and Lewis, $995,715.
C. F. Lytle, $1,009,550.
J. F. Shea Co., $1,011,870.
Winston Bros. Co., $1,036,305.
Jahn & Bressi Constr. Co. & Mittry Bros. Constr. Co., $1,174,300.
Utah Constr. Co., $1,189,525.
C. W. Wood and M. J. Bevanda, $1,189,525.
Barrett & Hilp and Macco Corp., $1,205,569.
Morrison-Knudsen Co., $1,216,412.50

Construction of cast-in-place concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between 1709 plus 30 and 2009 plus 13. Pipe diameter 12 ft.; pipe length, 29,878 ft.; spillway 166 ft.

Schedule 7C is alternative to Schedule 7P and both will not be awarded.
(1) 363,000 c.y. excav. for pipe—vertical trench;
(2) 64,000 c.y. do—side slope trench;
(3) 3300 c.y. excav. for structures;
(4) 240,000 c.y. backfill;
(5) 62,000 c.y. concrete in cast-in-place pipe;
(6) 650 c.y. concrete in struc.—reinforced;
(7) 150 c.y. do—plain;
(8) (9) (10) and (11) do not apply here;
(12) 10,200,000 lbs. placing reinf. steel in cast in place pipe;
(13) 80,000 lbs. do in structures;
(14) does not apply here;
(15) 475,000 lbs. installing joint plates in cast in place pipe;
(16) (17) (18) and 19) do not apply here;
(20) 95,000 lbs. installing misc. metal;
(21) does not apply here;
(22) 1150 l.f. relocating and reconnecting 10-in. concrete pipe water main;
(23) 1900 l.f. do 8-in. do;
(24) 1630 l.f. do 2-in. iron do;
(25) 6000 ton-miles hauling steel;
(26) 17,000 ton-miles hauling cement.

SCHEDULE 8P

United Concrete Pipe Corp., $1,127,785.95.
American Concrete & Steel Pipe Co. $1,141,892.
Chicago Bridge & Iron Works, $1,379,133.
C. W. Wood and M. J. Bevanda, $1,586,610.50.

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct distribution system between Stations 2009 plus 18 and 2257 plus 60. Pipe diameter 10 ft. 3 in.; length, 24,525 ft.

Schedule 8P is alternative to Schedule 8S and both will not be awarded.
(1) 202,000 c.y. excav. for pipe—vertical trench;
(2) 69,000 c.y. do—side slope trench;
(3) 2300 c.y. excav. for structures;
(4) 161,000 c.y. backfill;
(5) does not apply here;
(6) 800 c.y. concrete in struc.—reinforced;
(7) 100 c.y. do—plain;
(8) 650 c.y. concrete in anchors;
(9) 9100 c.y. concrete in cradle;
(10) 2147 l.f. precast concrete pipe—cage reinforcement;
(11) 22,402 l.f. precast concrete pipe—cylinder reinf.;
(12) does not apply here;
(13) 105,000 lbs. placing reinf. steel in structures;
(14) 11,000,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 13,000 lbs. furnishing and installing thimbles for manhole, air valve and blow-off connections;
(17) (18) and (19) do not apply here;
(20) 80,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 200 ton-miles hauling steel;
(26) 23,000 ton-miles hauling cement.

SCHEDULE 8-S

Western Pipe & Steel Co., $1,346,775.80.
Consolidated Steel Corp., $1,373,744.

Construction of steel pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System bet. Stations 2009 plus 18 and 2257 plus 50. Pipe diameter 10 ft. 10 in.; length 24,525 ft.

Schedule 8S is alternative to Schedule 8P and both will not be awarded.
(1) 192,000 c.y. excav. for pipe—vertical trench;
(2) 62,000 c.y. do—side slope trench;
(3) 2600 c.y. excav. for structures;
(4) 165,000 c.y. backfill;
(5) does not apply here;
(6) 800 c.y. concrete in struc.—reinforced;
(7) 100 c.y. do—plain;
(8) 500 c.y. concrete in anchors;
(9) (10) (11) and (12 do not apply here;
(13) 90,000 lbs. placing reinf. steel in structures;
(14) (15) and (16) do not apply here;
(17) 6000 lbs. furnishing and installing manhole saddles and covers;
(18) 3000 lbs. furnishing and installing blow-off and air valve connections;
(19) 24,549 l.f. furnishing and installing ⅝-in. plate steel pipe;
(20) 174 000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 300 ton-miles hauling steel;
(26) 1000 ton-miles hauling cement.

LOS ANGELE.—Following are the stipulations submitted by bidders for constructing 25.09 miles of pipe lines and appurtenant works of the Colorado River Aqueduct distribution system between Stations 926 plus 60 and 2257 plus 50. of the upper feeder, under Spec. No. 115, for which bids were opened by the Metropolitan Water District on October 24:

Gunther & Shirley, will accept combination of Schedules 4-C and 5-C or combination of 6-C and 7-C. Will not accept award of any single schedule or any other combination of schedules.

S. J. Groves & Son, if low on both Schedules 4-C and 5-C will accept one schedule only.

West Construction Co. bid based on award for both Schedules 4-C and 5-C.

United Concrete Pipe Corp. will not accept all three schedules. Will accept 8-P alone or will accept 4-C and 5-C together but not separately.

J. F. Shea, if awarded Schedules 4-C and 5-C deduct 83 cents from unit price of item 5. Schedules 4-C and 5-C. If awarded 6-C and 7-C deduct 20 cents from item 5 in Schedules 6-C and 7-C. Above deductions also apply if awarded 4-C, 5-C, 6-C and 7-C. If awarded only 4-C and 6-C, deduct 20 cents from unit price of item 5 on 4-C and 6-C. If awarded only 5-C and 6-C deduct 20 cents from item 5 of Schedules 5-C and 6-C. If awarded only 5-C and 7-C deduct 20 cents from item 5 of Schedules 7-C and 5-C.

C. W. Wood and M. J. Bevanda, will accept award of any one schedule or combination not to exceed $1,800,000. If awarded 4-C and 5-C jointly deduct 5 per cent from all items.

Utah Construction Co. will eccept any single schedule at bid prices. Will accept 4-C and 5-C together at 2½ per cent off bid prices. Will accept 6-C and 7-C together at 2½ per cent off bid prices. Will accept any other combination of schedules at bid prices.

Chicago Bridge & Iron Works, will accept any one of schedules but only one schedule.

American Concrete & Steel Pipe Co. will accept any single or any two schedules at prices bid. Will not eccept award on more than two schedules. If awarded 4-P and 5-P together deduct 10 cents from items 1, 2, 3 and 4 of Schedule 5-P and 50 cents from item 10 of Schedule 5-P, total deduction on two Schedules of $85,407.50.

C. F. Lytle, if awarded both 4-C and 5-C deduct 2 cents cu. yd. excavation for pipe and 10 cents cu. yd. concrete in place of pipe. This bid limited to two Schedules except that bidder will not accept both 6-C and 7-C. If this bid low on 4-C and 5-C combined will not accept 6-C or 7-C.

Atkinson, Kettlewell & Lewis, will not accept award of more than one Schedule.

Jahn & Bressi Construction Co. and Mittry Bros. Construction Co. will accept two Schedules only in following order: If awarded 6-C and 7-C deduct 3 per cent from all items in both schedules; if awarded 5-C and 6-C deduct 2 per cent all items, both schedules; if awarded 5-C and 7-C deduct 1 per cent all items both schedules; if awarded 4-C and 7-C deduct 1 per cent all items both schedules; if awarded 4-C and 6-C deduct 1 per cent all items both schedules; if awarded 4-C and 5-C deduct 2½ per cent all items both schedules; will accept any one schedule alone at the bid prices.

Winston Bros. Co. for award of 4-C and 5-C together deduct 7 per cent from prices bid; for award of 4-C, 5-C and 6-C together deduct 6 per cent from prices bid; for award of 6-C and 7-C together deduct 1 per cent from prices bid.

Barrett & Hilp and Macco Corp., will accept any one schedule at unit prices bid; if awarded 4-C and 5-C deduct .055 per cent; if awarded 6-C and 7-C deduct .04 per cent; if awarded 6-C and 7-C deduct .04 per cent; if awarded 4-C, 5-C and 7-C deduct .075 per cent.

Bent Bros., Inc., if awarded 6-C and 7-C item No. 1 in Schedule 6-C will be reduced to 46 cents per cu. yd. from 58 cents and bid for item 1 7-C reduced to 52 cents per cu. yd. from 64 cents.

Daley Corp., will accept only one schedule; if low on both reserve right to accept either one.

Walsh Construction Co., bid figures are for award of both 4-C and 5-C; will accept either 4-C or 5-C if unit price of item 5 is increased 90 cents per cu. yd.

Morrison-Knudsen Co. will accept award of one schedule only.

(Complete total bids on each Schedule published Oct. 28.)

Complete tabulation of unit bids on file at the office of the DAILY PACIFIC BUILDER. * 31

LOW BIDDERS

BEVERLY HILLS, Los Angeles Co.—Contractors who submitted low bids to the Beverly Hills City Council, October 22, for pipe lines, concrete slab

for tennis courts, clarifier basin, reservoir roof, and well drilling, for the city water works department, to be built under PWA allocations, were as follows:

Larson & McCarthy, 805 Garfield Ave., South Pasadena: Contract I, pipe lines, Contract A, at $36,075; pipe lines, Contract B, at $23,910.

Paddock Engineering Co., Ltd., 1027 N. Sycamore Ave., Los Angeles: Contract No. C, concrete slab and tennis courts, $29,066.

Campbell Construction Co., 315 S. Western Ave., Los Angeles: Contract D, clarifier basin and drain line, $15,328.

Roscoe Moss Co., 4360 Worth St., Los Angeles: Contract E, drilling of water well, $5,340.

Bids referred to consulting engineers Taylor & Taylor, 725 S. Spring St., Los Angeles, for tabulation and recommendation to the PWA.

CONTRACT AWARDED

WRANGELL, Alaska. — Custard, Meadows & Oja, Wrangell, at $9723, awarded contract by the Wrangell City Council for construction of a steel pipe line between the Wrangell Power House and the lower reservoir of the town, about 3555 ft. in length.

32—SEWERS & SEWAGE DISPOSAL PLANTS

October 25, 1935

PREPARING PLANS

PITTSBURG, Contra Costa Co., Cal.—City council has directed E. L. O'Hara, consulting engineer, Antioch, to prepare plans for a storm drainage system in the vicinity of West and Montezuma Stts. Estimated cost is $7780, including a pump to cost $1800.

A call for bids probably will be issued at the next council meeting, November 4. 32

BIDS WANTED

SAN DIEGO—Until November 5, 11 a. m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8111, for the removal of water and sewer lines at the Naval Operating Base (Air Station), San Diego.

The existing water and sewer lines to be removed are located in the ground on the North Beach, below water, and consist in general of 210 lineal feet of 24 inch cast iron water pipe and 370 lineal feet of 14 inch wrought iron sewer pipe.

Specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

SEAL BEACH, Orange Co., Cal.—H. A. Teget, 133 Princeton St., Ontario, at $44,594.55 submitted low bid and awarded contract by the Seal Beach City Council (subject to PWA approval) October 24, for constructing the new sewage disposal plant in accordance with revised plans prepared by the Currie Engineering Co., 219 Anderson Block, San Bernardino. The proposed plant will be the trickling filter, sludge digestion type.

Total bids follow:

H. A. Teget, Ontario	$44,594.55
W. W. Hoagland, Long Beach	46,379.50
J. C. Hickey, Alhambra	49,999.70
Stark & Schmid, Santa Ana	53,673.00

BIDS WANTED

SAN FRANCISCO—Until November 8, 10:45 A. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, under Spec. No. 18,909, for making two test holes in connection with the Richmond - Sunset Sewage Disposal Plant; one at 30th Avenue and Geary St., and one at 32nd Ave., between Anza and Balboa Sts. Estimated cost $800.

(1) 240 lin. ft. making test holes, unclass. material, for tunnel.

(2) 120 lin. ft. do for treatment plant

Specifications obtainable from City Engineer John J. Casey, Room 351, City Hall.

33— WATER WORKS

BIDS OPENED

HAMILTON FIELD, Marin Co., Cal.—Fairbanks Morse & Co., Spear and Harrison Sts., San Francisco, at $1525 rail shipment f.o.b. Hamilton Field, submitted the apparent low bid to the Constructing Quartermaster, Fort Mason, undr Bid No. W-6616-36-15, for furnishing two drainage pump units with direct connected motors, 5000 g.p.m.

Complete bids follow:

Fairbanks Morse & Co., $1525, rail shipment f.o.b. Hamilton Field.

Jenison Machinery Co., $1624.50, rail shipment f.o.b. Hamilton Field.

Layne & Bowler, $1923.47, rail shipment f.o.b. Hamilton Field.

Worthington Co., $1967, rail, f.o.b. Hamilton Field, $1880, water, f.o.b. Hamilton Field, $1676, f.o.b. point of origin.

Simonds Machinery Co., $2067, rail, f.o.b. Hamilton Field.

Byron Jackson Pump Works, $2181.36 rail, Hamilton Field; $2181.36, water, Hamilton Field; $2163 f.o.b. point of origin.

Bids held under advisement.

PLANNED

CONTRA COSTA CO., Cal.—Eastbay Municipal Utility District, 512 16th St., Oakland, Chief Engineer John S. Longwell, contemplates issuing call for bids shortly to construct 1,000,000-gallon steel storage tank in vicinity of Crockett.

BONDS VOTED

DOS PALOS, Merced Co., Cal.—Bond issue of $38,000 for construction of municipal water system approved at election October 23. Bond proceeds will be used with PWA grant of $28,000, previously allocated, to construct system replacing existing privately owned plant.

W. E. Bedesen, Merced is engineer for the project.

BOND ELECTION

WATSONVILLE, Santa Cruz Co., Calif.—City council has set November 19 as date for election on a proposal to issue $50,000 in bonds to construct improvements and replacements for the municipal water system. PWA has allotted $41,000 grant to project.

Work contemplated includes replacement of transmission lines between diversion dam on Corralitos creek and the filter plant; replacement of transmissioen line between Corralitos and Five Mile house; installation of high pressure line between Freedom reservoir and Lincoln Street; installation of high pressure main on Main street; replacement of distribution lines; installation of transmission line on East Corralitos road.

City Engineer Bert Kitchen has prepared plans for the work.

BIDS WANTED

SAN DIEGO—Until November 5, 11 a. m., bids will be received by the Public Works Officer, Headquarters, 11th Naval District, Foot of Broadway, San Diego, under Spec. No. 8087, for the replacement of two salt water pumps at the Naval Operating Base (Air Station), San Diego.

The work consists of the removal of two existing centrifugal pump units, certain piping and electrical equipment and the furnishing and installing of two motor-driven centrifugal pump units, each 1000 G. P. M. at 60 pounds pressure, together with priming and electrical equipment and piping connections to existing circulating system.

Specifications obtainable from the above office upon deposit of $10.

34 — PARKS AND PLAYGROUNDS

CONTRACT AWARDED

SAN RAFAEL, Marin Co., Cal.—Saandard Fence Co., 440 Bayshore Blvd., San Francisco, at $1200 awarded contract by San Rafael Board of Education for construction of a fence around the football field on the grounds of the San Rafael High School.

Complete bids follow:

(1) For portion of work.

Standard Fence Co., S. F.		$1200.00
	(1)	684.56
Pittsburgh Steel Co., S. F.		1290.00
	(1)	705.20
Anchor Post Fence Co., S. F.		1350.00
	(1)	705.00
Wickwire Spencer Steel Co., San Francisco		1359.28
	(1)	720.84
American Chain Co., Inc., S. F.		1515.00
	(1)	705.00
Western Steel & Wire Works San Francisco		1648.00
	(1)	930.00

35— TUNNELS

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until November 13, 3:00 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under S. F. W. D. Spec. No. 90, for the construction of the Crystal Springs Outlet Tunnel No. 2.

The work is located at Crystal Springs Dam, abount 4 miles southwesterly from the City of San Mateo, and adjacent to the Skyline Blvd., and involves construction of a 9 ft. by 10 ft. horseshoe-shaped concrete lined tunnel approximately 630 ft. long extending easterly from the base of an existing outlet shaft in the Crystal Springs Reservoir to an open portal.

The work involves:

(1) 550 cu. yds. excavation, other than tunnel bore;

(2) 135 cu. yds. concrete, other than tuunel lining;

(3) 12,500 lbs. reinforcing steel;

(4) 2900 cu. yds. excavating tunnel bore;

(5) 1400 cu. yds. conc. tunnel lining;

(6) 175 each furnishing and installing grout pipes in tunnel;

(7) 500 sacks cement grouting in tunnel.

Plans and specifications obtainable at Room 605, San Francisco Water Department Building, 425 Mason St., upon deposit of $10.

BIDS WANTED

CONTRA COSTA CO., Cal.—Until Nov. 13, 8 P. M., bids will be received by Eastbay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, for constructing the Crockett tunnel section on the Richmond-Crockett supply line; Spec. No. LS-159.

The work involves boring 1380 lin. ft. of tunnel and installing 42-inch steel pipe; lining space bet. tunnel face and pipe with concrete. Pipeline is being laid between Twenty-third and Nevin Streets, Richmond, and the C-H sugaar company refinery at Crockett, other sections being done by force account.

Plans and specifications available on application to Chief Engineer John S. Longwell. No deposit required.

Section 4[illegible], P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

October Permits Total
$11,400,000

$846,000 Sacramento Bond Proposals Win

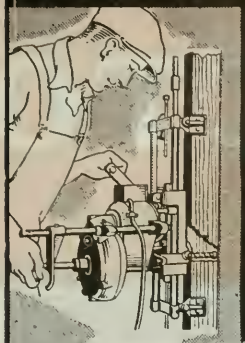
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ember 9, 1935

Vol. XVIII—No. 45

WAPPAT Electric TOOLS



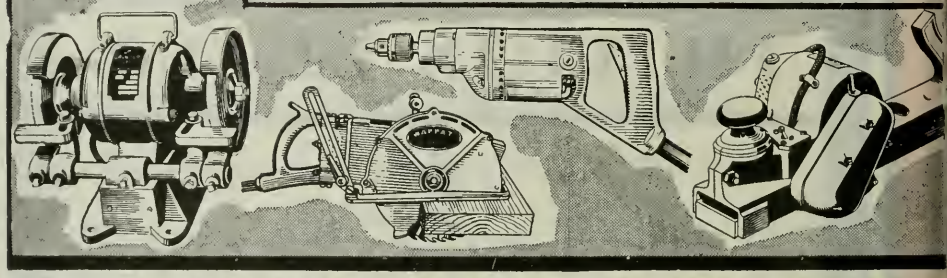
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

128 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California · TR. 1271 · Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF, NOVEMBER 9, 1935 No. 45

PRIVATE WORK SWELLS TOTAL COAST AWARDS

Month's Reports Reveal Gain Over September And Year Ago

Continued gain in private building carried the total of awards for the month of October approximately a million and a half dollars above September. Reports by the principal building inspection departments of seven western states show a total of $11,407,092 as the estimated value of work for which permits were issued. This compares with $9,906,761, the total for September, and $8,607,019, the total for October, 1934.

In number of permits recorded, the October figure reached a peak for any month in recent years at 11,451, exceeding the September total more than 1300. October last year showed the highest number of permits for any month of 1934 with a total of 9,173.

Stimulated by the initial drive of the Federal Housing Administration, building permits reached a monthly peak for 1934 in October and dropped back nearly to the level of earlier months in November and December.

This year the volume of business reached approximately its current level in March, and there is every indication that no decline will be experienced during November and December. Any seasonal drop in private work will be more tha balanced by public construction included in the PWA program. Successful loan applicants, who shared the PWA's reduced appropriation, are making every effort to contract their projects by December 15 and avoid the possibility of losing their allotment. The rush to place these jobs on the market promises to tax facilities of the industry in absorbing the work that will be offered immediately.

Last month public building awards accounted for a very small part of the permit total. There were no large building awards reported. Small residences continue the largest percentage of the total in any one classification. Los Angeles reported 53 per cent of its permits in October were for residential building, including both single-family and multi-family dwellings. San Francisco reported the largest total in more than four years for single-family dwellings, the value equaling nearly fifty per cent of the month's permits.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5623	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858

1935	Permits	Value
January	6413	$7,429,496
February	6460	8,833,638
March	8253	10,546,030
April	9227	13,128,042
May	8976	11,602,953
June	7998	10,393,190
July	8295	11,384,920
August	8909	11,655,037
September	10,149	9,906,761
October	11,451	11,407,092

BIG DRAFTING JOB COMPLETED BY PWA

With specifications for initial work on the PWA housing program completed and in the hands of prospective builders, A. R. Clas, director of the PWA Housing Division, reports a statistically imposing list of achievements of his department in planning the projects.

Ten million square feet of blueprints, 100,000 square foor of linen tracing were turned out by drafting rooms. Specifications for the projects covered 5,000 000 printed pages; and some 220,000 sets of blueprints, specifications and other documents were prepared, assembled and distributed. About 2500 documents were required for each project, according to Mr. Clas.

PAYROLLS SHOW INCREASE OF PRIVATE WORK

Building Construction Employment Gaint Continue Thriugh September

Employment in the private building construction industry continued to expand in September, marking the seventh consecutive month in which gains have been reported, the U. S. Bureau of Labor Statistics finds in its latest survey.

Based on information supplied by 8670 contractors employing 65,064 workers in September, there was a gain of 4.5 per cent in employment from August to September and an increase of 8.2 per cent in payrolls. The reports covered employes engaged in erecting altering and repairing buildings, and do not include projects financed by the PWA or RFC funds regular appropriations of Federal, state or local governments, or by loans insured by the Federal Housing Administration.

Compared with September of 1934 the employment gain is 10.2 per cent and the payroll increase 24.1 per cent.

REAFFIRM STANDARD FOR STEEL JOISTS

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R94-30 Open-Web Steel Joists, has again been reaffirmed, without change, by the standing committee of the industry.

This recommendation establishes a simplified schedule of sizes for joists ranging from 8 to 16 inches in depth and not longer than 24 times their depth, and specifies properties and allowable loads in pounds per linear foot. Designations, stresses, resisting moments in inch-pounds, and maximum end reaction in pounds are included.

The program was originally effective Oct. 1, 1930, and was reaffirmed without change in 1933.

Copies of the recommendation may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each.

SACTO. VOTERS APPROVE BONDS FOR PWA JOBS

$846,000 Projects Carried; Fresno School Issues Defeated

Sacramento voters approved bond proposals at a special election Tuesday which will confirm two PWA grants for construction to cost $846-000.

A bond issue of $465,000 was authorized to supplement a grant of $381,630 for municipal water system additions. The water department project includes two overhead storage tanks in the residential section to cost $368,000; water mains, $125,000; reservoir for filtered water, $113,000; new pumping equipment, $28,000; filtration plant fencing, $10,000; reconstruction of pre-treatment works, $26,000.

New storm sewers are to be constructed in L street between Ninth and Eighteenth streets; on W and X streets between Eighteenth and Twenty-seventh streets; on G st. between Ninth and Eighteenth Sts. The bond issue approved is for $90-000 and a PWA grant of $73,630 has been allocated.

The voters also favored a $130,000 issue for a new fire and police alarm system and $95,000 to be contributed toward a combination state and Federal project costing $309,000 for constructing a viaduct and approaches across the Southern Pacific tracks at Jibboom St. and the I street bridge. These bond issues will be sold only if the city is successful in obtaining PWA grants.

The first major defeat in the Northern California PWA program was sustained in Fresno when voters there failed to approve bonds to finance a $784,000 school building program toward which Federal funds had been allotted. Three bond proposals were lost by margins of only 22 to 40 votes less than the two-thirds majority required.

Bond issues were carried at special elections in Mill Valley for $30,000 toward a PWA municipal building project and in Napa for $14,000 toward a planned $25,000 school addition.

HIGHWAY RESEARCH BOARD MEETING SET

The fifteenth annual meeting of the Highway Research Board will be held in Washington D. C., December 5 and 6, Director Roy W. Crum announces. Meetings will be held at the building of the National Academy of Sciences and National Research Council.

The preliminary list of topics to be discussed includes a number of subjects under the general headings of highway design, materials and construction, maintenance soils investigations, highway transportation economics, and traffic and safety.

Stanislaus Votes December 13 On $500,000 Building

Stanislaus county voters will ballot December 13 on bond issues to finance a $500,000 building program.

Anticipating PWA aid if the bonds are voted, the supervisors will submit proposals for issues totaling $212,000. Application will be filed for a grant of the balance.

One proposal will be for an issue of $85,000 of which $75,000 is to be used toward construction of a hall of records and $10,000 for alterations and repair of the court house.

The second proposal will be for $102,000, distributed as follows: $54,000 for pay ward additions and alterations at the county hospital; $27,000 for the Del Puerto Canyon tubercular hospital; 20,500 for hospital equipment and furnishings.

The third proposal will be for $25,000 for county welfare and health buildings, detention home and rural libraries.

Architects' Board Sets Dates for December Exams

Dates for the December semi-annual examinations to be conducted by the State Board of Architectural Examiners were announced yesterday. Examinations will be conducted simultaneously in Berkeley and Los Angeles, December 16, 17, 18 and 19.

Candidates must register not later than December 1.

A class of more than thirty applicants for certificates is expected to take the four-day series of tests in Berkeley. The examinations will be conducted at the University of California campus for the Northern district and at the University of Southern California for the Southern district.

The first two days will be devoted to problems in design, the third day to engineering, and the fourth to ethics and office practice.

GLASS COMPANY ENGAGES TEAGUE

In the belief that the next few years will see glass more strongly emphasized in building and decoration than ever before, the Pittsburgh Plate Glass Co. has retained the services of Walter Dorwin Teague noted designer and decorator, and his staff, according to an announcement of the company. Mr. Teague's work will consist chiefly of research and design in developing new uses for glass and new designs in glass.

$37,274,000 WPH PROJECTS OKHED BY U. S. BUREAU

Status of Relief Highway Work Reported October 30

Detailed plans for 893 highway projects to cost $37 274,000 and to be financed from the $200,000,000 allocated for highways under the Emergency Relief Appropriation Act have been approved. it was announced October 30 by the U. S. Bureau of Public Roads.

Contracts for 278 of these projects at a cost of $12,905,000 have been awarded and 172 are under construction.

Under the $200,000,000 provided for elimination of danger at grade crossings plans for 187 projects at a cost of $14,013,000 have been approved. Contracts for 74 of these projects at a cost of $4,279,-000 have been awarded. Forty-one projects are under construction.

For California the bureau has approved highway project plans for work to cost $247,000 and grade separation project plans for work to cost $642,000.

The bureau report on the Nevada program shows highway project plans approved $388,000 and contracts awarded $231 419; grade crossing project plans approved $342,000 and contracts awarded $49,834.

Progress in other western states is reported as follows:

Arizona: Highway projects approved $632,000, contracts awarded $227,000; grade separations approved $50,000.

Oregon: Highway projects approved $1,031,000, contracts awarded $730,560; grade separations approved $307,000, contracts awarded $33,000.

Washington: Highway projects approved $1,175 000, contracts c approved $1,175,000, contracts awarded $447,048; grade separations approved $702,000, contracts awarded $41,000.

ROSEVILLE MAN NAMED SAN LEANDRO MANAGER

A. R. Chilton of Roseville has been appointed city manager of San Leandro. He will assume his duties tomorrow. Mr. Chilton has been city clerk of Roseville for the past eleven years. Before that he was employed as a railroad engineer.

SUPPLY FIRM OPENS

Organization of the Valley Asbestos & Supply Co. is announced by W. R. Mensinger Jr., and Albert E. Cressey. The new concern has opened a supply house at 1016 G street, Modesto, where they will maintain a stock of roofing, paints, insulation, air conditioning equipment and building specialties.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
178	Galli	Owner	4000
179	Pacific	Fisher	2800
180	Harper	Callaghan	2000
181	Stag	Mullen	1000
182	Tait	McCarthy	3000
183	Hutchinson	Owner	1000
184	Arnott	Arnott	4000
185	Ward	Cahill	5000
186	O'Brien	Owner	6000
187	Nard	Owner	7000
188	Arnott	Owner	5000
189	Marckley	Low	2000
190	Mourgos	Owner	2000
191	Bendel	Rosemont	2000
192	Bauer	Owner	4000
193	Land	Owner	6000
194	Wagreich	Akard	10000
195	Kegal	Wold	7000
196	Tarantino	Bernhardt	1000
197	Albertoli	Owner	3750
198	Johnson	Owner	2000
199	Anza	Rousseau	3000

DWELLING
(1178) SE TWENTY-THIRD AND Ocean Aves. One-story and basement frame dwelling.
Owner—R. F. Galli, 1574 28th Ave., San Francisco.
Architect—Not Given. $4000

ALTERATIONS
(1179) NO. 2630 MISSION ST. Alter commercial building.
Owner—Pacific States Savings & Loan Co., 745 Market St., S. F.
Architect—Ed. Musson Sharpe, 525 Market St., an Francisco.
Engineer—Alfred P. Fisher.
Contractor—Alfred P. Fisher, 111 Sutter St., San Francisco. $2800

ALTERATIONS
(1180) NO. 2226 DIVISADERO ST. Alter apartments.
Owner—Mr. Harper, Premises.
Architect—Not Given.
Contractor—Jack Callaghan, 906 Clayton St., S. F. $2000

ALTERATIONS
(1181) NE GEARY, KEARNY AND MARKET STS. Alter bar room and cigar store.
Owner—Stag Corp., Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $1000

DWELLING
(1182) S MONCADA ST. 433 E Junipero Serra Blvd. One-story and basement frame dwelling.
Owner—Geo. H. Tait, 157 Collingwood St., San Francisco.
Architect—B. K. Dobkowitz, % Contractor.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco. $3000

DWELLING
(1183) N CONCORD ST. 50 E Brunswick St. One-story frame dwlg.
Owner — Thos. Hutchinson Jr., 219 Concord St., San Francisco.
Architect—Not Given. $1000

DWELLING
(1184) W TWENTY - EIGHTH AVE. 130 N Ocean Ave. One-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Jas. Arnott & Son, 633 Taraval St., S. F. $4000

SHOP BLDG.
(1185) W FREMONT ST. 155 N Folsom St. One-story Class C shop building.
Owner—Edward B. Ward & Co., 10th and Howard Sts., San Francisco.
Architect — W. P. Day, 415 Montgomery St., San Francisco.
Contractor—Cahill Bros., 206 Sansome St., San Francisco. $5000

STORE
(1186) E FILLMORE ST. 100 S California St. Class C store.
Owner—Mrs. A. I. O'Brien, % Architect.
Architect—R. K. Irvine, 3431 Market St., San Francisco. $6000

ALTERATIONS
(1187) NO. 247 POWELL STREET. Alter restaurant.
Owner—Nard & Curtis, Premises.
Architect—Williams & Grimes, 251 Post St., San Francisco. $7000

DWELLING
(1188) W TWENTY - SIXTH AVE. 174 N Ocean Ave. One-story and basement frame dwelling.
Owner—Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given.
Contractor—Jas. Arnott & Son, 633 Taraval St., San Francisco. $5000

DWELLING
(1189) N NINETEENTH ST. 60 E Capp St. One-story and basement frame dwelling.
Owner—Mrs. R. Marckley, 3334 19th St., San Francisco.
Architect—Not Given.
Contractor—James Low, 544 Ramsell St., San Francisco. $2000

ALTER
(1190) NW GAVEN & BOYLSTON.
Owner—C. A. Mourgos, 338 Gaven.
Architect—Not given.

DWELLING
(1191) W LEXINGTON ST. 210 S Nineteenth St. One-story frame dwelling.
Owner—Marie Bendel, 138 Erie St San Francisco.
Architect—Not Given.
Contractor—Ed. Rosemont, 176 Duboce Ave., San Francisco. $2000

DWELLING
(1192) N PACHECO ST. 114 W Tenth Ave. Two-story and basement frame dwelling.
Owner—Edwin Bauer, 1795 9th Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1193) E TWENTY-FIFTH AVE. 30 N Sea Cliff. Two-story and basement frame dwelling.
Owner—Land Investment Co., 361 Bush St., San Francisco.
Architect—Not Given. $6000

BUILDING
(1194) NW TOWNSEND AND RITCH St. One-story Class C commercial building.
Owner—Henry Wagreich % Contractor.
Architect—Not Given.
Contractor—W. C. Akard, 225 Cervantes St., San Francisco. $10,000

STOREROOM
(1195) W TREAT AVE. 150 N 20th St. One-story steel storeroom.
Owner — Regal Amber Brewing Co., 675 Treat Ave., San Francisco.
Plans by Michel & Pfeffer Iron Wks., Inc., 1415 Harrison St., S. F.
Contractor—C. L. Wold Constr Co., 1112 Fulton St., S. F. $7000

ALTERATIONS
(1196) NO. 1545 BEACH ST. Alter dwelling.
Owner—Dr. Tarantino, Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Bernhardt & Cowen, 921 Taraval St., $1000

MFG. BLDG.
(1197) N FRANCISCO 100 E Taylor; 1-story and basement frame light manufacturing building.
Owner—John Albertoli, 1101 Francisco.
Architect—Not Given. $3,750

DWELLING
(1198) E MADDISON 25 N Ploche; 1-story frame dwelling.
Owner—J. A. Johnson, 401 Excelsior.
Architect—Not Given. $2,000

DWELLING
(1199) N NORIEGA 83 W 24th Ave.; one - story and basement frame dwelling.
Owner—Anza Home Bldg. Co., care contractor.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor — Oliver M. Rousseau, 321 Kearny St. $3,000

ALAMEDA COUNTY

897	California	Leiter	15000
898	Mills	Connor	1000
899	Dole	Owner	5500
900	Albertson	Bradbury	1304
901	Hirschberg	Daley	1000
902	Zerlang	Owner	4500
903	Lawrence	Pressler	5100
904	Hammarberg	Hammarberg	5025
905	Netherby	Owner	4000
906	Thuman	Voorhies	1000
907	Shapero	Shapero	4000
908	Smart	Foster	1360
909	Spowart	Hawkins	2000
910	Estes	White	6000
911	General	Oakland	1000
912	Hazel	Larsen	21000
913	Cuenin	Vaughn	7000
914	Ringens	Anderson	4500
915	Holmes	Leekins	4500

ALTERATIONS
(893) FOOT OF NINETEENTH AV., OAKLAND. Alterations.
Owner—Atlas Imperial Diesel Engine Co., Premises.
Architect—Not Given.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $1400

ALTERATIONS
(894) NO. 400 DERBY STREET. OAKLAND. Alterations.
Owner—Atlas Imperial Diesel Engine Co., Foot of 19th Ave., Oakland.
Architect—Not Given.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $3100

REPAIRS
(895) NO. 3741 ARDLEY AVENUE, OAKLAND. Fire repairs.
Owner—J. Lasasso, 3741 Ardley Ave., Oakland.
Architect—Not Given.
Contractor—F. T. Kennedy, 171 12th St., Oakland. $1000

REPAIRS
(896) NO. 1129 FOURTH AVENUE, OAKLAND. Fire repairs.
Owner—F. Cobbledick.

Architect—Not Given.
Contractor — Fred J. Early Jr., 366 40th St., Oakland. $1000

WAREHOUSE
(897) NO. 1341 FOURTH STREET, **BERKELEY.** Two-story 2-room warehouse.
Owner—California Ink Co., 1339 4th St., Berkeley.
Architect — Henry D. Oliphant, 1734 Campbell St., Oakland.
Contractor—E. T. Leiter & Sons, 911 37th St., Oakland. $15,000

ALTERATIONS
(898) NO. 2808 OAK KNOLL TERrace, **BERKELEY.** Alterations.
Owner—Mrs. Mills, Premises.
Architect—Not Given.
Contractor — Connor & Connor, 1733 Francisco St., Berkeley. $1000

DWELLING
(899) NO. 1877 MELVIN RD., **OAKLAND.** Two-story 7-room frame dwelling.
Owner—L. E. Dole, 3737 Suter Street, Oakland.
Architect—Not Given. $5500

ADDITION
(900) NO. 5819 SHAFTER AVENUE, **OAKLAND. Addition.**
Owner—Capt. Fred Albertson, Prem.
Architect—Not Given.
Contractor — W. Bradbury, Concord, Calif. $1304

STORE
(901) NO. 1918 PARK BLVD., **OAKLAND.** One-story store.
Owner—A. Hirschberg, San Francisco
Architect—Not Given.
Contractor — Daley Bros., 4221 Horton St., Emeryville. $10,000

DWELLING
(902) NO. 1433 HOPKINS STREET, **BERKELEY.** Two-story 5-room frame dwelling.
Owner—Chas. A. Zerlang, 1632 Julia St., Berkeley.
Architect—Not Given. $4500

RESIDENCE
(903) NO. 134 YORK DRIVE, **PIEDMONT.** Residence and garage.
Owner — J. C. Lawrence, 53 Ronada Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsion Ave., Oakland. $5100

RESIDENCE
(904) NO. 8 PARKSIDE DRIVE., **PIEDMONT.** Residence and garage.
Owner—P. H. Hammerberg.
Architect—Not Given.
Contractor—A. Hammerberg, 2340 Le Conte Ave., Berkeley. $5025

DWELLING
(905) NO. 580 VASSAR STREET, **BERKELEY.** Two-story 6-room frame dwelling.
Owner—W. A. Netherby, 3853 Lyman Road, Berkeley.
Architect—Not Given. $4000

ADDITION
(906) NO. 250 UPLANDS, **BERKELEY.** Addition.
Owner—J. F. Thuman, Premises.
Architect—Not Given.
Contractor—W. R. Voorhies, Redwood City. $1000

DWELLING
(907) NO. 20 ALAMO ST., **BERKELEY.** One-story five-room frame dwelling.
Owner—F. G. Shapero, 1849 Arch St., Berkeley.
Architect—J. B. Anthony, 1849 Arch St., Berkeley
Contractor—S. M. Shapero, 1849 Arch St., Berkeley. $4000

GARAGE
(908) NO. 67 EL CAMINO REAL, **BERKELEY.** Two-story 1-room garage and recreation room.
Owner—T. S. Smart, Premises.
Architect—Not Given.
Contractor — W. G. Foster, 4 Avon Road, Berkeley. $1360

ADDITIONS
(909) NO. 641 SPRUCE STREET., **BERKELEY.** Additions.
Owner—J. B. Spowart, Premises.
Architect—Not Given.
Contractor—H. Hawkins, 2986 College Ave., Berkeley. $2000

DWELLING
(910) NO. 424 VERMONT STREET, **BERKELEY.** Two-story 7-room frame dwelling.
Owner — Frank Estes, 1880 San Antonio Ave., Berkeley.
Architect—Not Given.
Contractor—Millar White, 1880 San Antonio Ave., Berkeley. $6000

ALTERATIONS
(911) NO. 347 E-EIGHTEENTH ST. **OAKLAND.** Alter service station (2 jobs).
Owner—General Petroleum Corp., Higgins Bldg., Los Angeles.
Architect—Not Given. $500 each

OFFICE BLDG.
(912) NO. 8717 G STREET, **OAKLAND.** Two-story concrete office building.
Owner—Hazel Atlas Glass Co., Prem.
Architect—Not Given.
Contractor — Larsen & Larsen, 633 Bryant St., San Francisco. $21,000

DWELLING
(913) 3000 MOUNTAIN BLVD., **OAKLAND;** two - story 6-room dwelling.
Owner—Mrs. Catherine Cuenin.
Architect—A. R. Denke, American Bldg., Oakland.
Contractor—W. T. Vaughn, 103 Bayo Vista Ave., Oakland. $7,000

DWELLING
(914) 5689 CABOT DR., **OAKLAND;** two-story 6-room dwelling.
Owner—C. C. Ringens.
Architect — E. R. MacDonald, 3812 Broadway, Oakland. $4500

DWELLING
(915) 5915 MORAGA AVE., **OAKLAND;** 2-story 5-room dwelling.
Owner—M. Holmes, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. H. Leekins, 4481 Moraga Ave., Oakland. $4500

BUILDING CONTRACTS

ALAMEDA COUNTY

81	Wollter	Knight	6500
82	Kings	Stolte	—
83	O'Rourke	Suttle	3255

DWELLING
(81) LOT 126 FERNSIDE TRACT, Alameda. All work for seven-room dwelling.
Owner—Harry Wollter.
Architect—W. A. Doctor, 362 Hudson St., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.
Filed Nov. 1, '35. Dated Oct. 24, '35.
1st floor joists in place.....$1500
Roof shingled 1500
1st coat plaster completed..... 1500
Completed and accepted..... 1500
Usual 35 days 500
TOTAL COST, $6500
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

GARAGE
(82) POR LOT 11 Broadway and Amethyst Sts., Oakland. All work for 2-story and garage basement brick bldg.
Owner—The Kings Daughters of Calif. Home.
Architect—Julia Morgan.
Contractor—F. C. Stolte Co.
Filed Nov. 2, '35. Dated Nov. 1, 1935. 8th of ea. mo. 75% labor and material. Usual 35 days, 25%.

RESIDENCE
(83) SUNSET BLVD., Hayward. All work for residence.
Owner—Mr. and Mrs. J. J. O'Rourke, Sunset Blvd., Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. W. Suttle, 1701 D St., Hayward.
Filed Nov. 4, '35. Dated Oct. 28, '35.
5th day after roof completed.....$810
5th day after plastering completed 810
5 days after completion..... 810
Usual 35 days..... 825
TOTAL COST, $3255
Bond, $1627. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days Forfeit, none. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

SIGN, electric, $150; 1642 Bush Street; owner, J. Kaplan, premises; contractor, Wonderlite, 170 Otis St.
BARBER pole, $50; 225 Powell Street; owner, F. E. Foster, premises; contractor, Electric Supply & Repair Co., 520 Market St.
SIGN, electric, $350; 2554 Mission St.; owner, A. Cohn & Co., premises; contractor, Pioneer Elec. Co., 370 Van Ness South.
ALTER dwelling, $180; 1833 Mason St. owner, Jos. Di Caro, premises.
SIGN, electric, $100; 2748 Taylor St.; owner, Sam's Fish Market, premises; contractor, Elec. Prod. Corp. 255 Golden Gate Ave.
SIGN, electric, $200; 429 Bush Street; owner, Mark Lane Hotel, premises contractor, QRS Neon Corp., Ltd., 690 Potrero.
ALTER restaurant, $650; 66 Turk St.; owner, Z. Rozenthal, premises; contractor, General Woodworking Co., 643 McAllister St.
ALTER garage, $900; 415 Taylor St.; owner, Judson Wheeler Est., 415 Taylor St.; contractor, Barrett & Hilp, 918 Harrison St.
ALTER garage, $400; 64 - 82 Golden Gate Ave.; owner, Walter Moffatt, et al, Brentwood; contractor, Geo. Wagner, 181 South Park.
BILLBOARD, $7; SW Bay and Kearny; owner, Foster & Kleiser Co., 1675 Eddy St.
SIGN, electric, $200; 4773 Mission St.; owner, Royal Baking Co., premises; contractor, Wonderlite, 170 Otis St.
SIGN, electric, $60; 1801 Ocean Ave.; owner, William Smith, premises; contractor, Pioneer Elec. Co., 370 Van Ness South.
SIGN, electric, $125; 478 Sutter St.; owner, E. Colman, premises; contractor, Pioneer Elec. Co., 370 Van Ness South.
ALTER beauty shop, $95; 458 Post St.; owner, Felix Beauty Parlor, premises.
SIGN, electric, $150; 849 Valencia St.; owner, Master French Laundry, premises; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
FLUES, $90; 210 Tocaloma; owner, W. Grahn, care contractor; contractor, M. Buriani, 2555 San Bruno.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Offices
12.—Ice and Cold Storage Plants
13.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed.
APARTMENTS Cost, $350,000
SAN FRANCISCO. NE Broadway & Buchanan Street.
Ten-story Class A steel frame apartment building (50 3, 4 and 5 room apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garages, etc.
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — Meyer Constr. Co., 735 Portola Drive, San Francisco
Construction will be started in about thirty days.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 2226 Divisadero Street.
Alterations to apartments.
Owner—Mr. Harper, Premises.
Architect—Not Given.
Contractor—Jack Callaghan, 906 Clayton St., San Francisco.

3— CHURCHES

PREPARING PLANS
SANTA BARBARA, Cal.—Architect Carleton M. Winslow, 1001 Architects' Bldg., Los Angeles, preparing working drawings for a new church and Sunday school at corner of State and Padre Sts., Santa Barbara, for First Congregational Church; Dr. R. Arthur Basham, pastor, will contain one story and a tower portion; slate shingle and copper roofing, wood windows, hardwood floors and trim, tile lavatories, hot air heating, storage water heater, organ, kitchen and dining hall equipment, etc. Cost, $45,000.

Contract Awarded.
ALTERATIONS Cost, $——
SANGER, Fresno Co., Cal. N and 12th Streets.
Alterations to church (work includes painting, decorating, new doors, windows and steps, etc.)
Owner—St. Paul's German Lutheran Church.
Architect—Not Given.
Contractor — Henry Rosenthal, Sanger

Planned.
CHURCH Cost, $3000
SAN MATEO, San Mateo Co., Calif. Cypress Street.
New church.
Owner—Pilgram Baptist Church, Rev. W. C. Sample, Pastor), San Mateo.
Architect—Not Selected.

PLANNED
ALHAMBRA, Los Angeles Co., Cal. St. Therese Parish, Alhambra, contemplates erecting a memorial shrine and church at Alhambra Road and Vega Street, Alhambra, to cost approximately $100,000. A campaign is now under way to raise funds with which to finance the building. It has not yet reached the plan stage

4— FACTORIES & WAREHOUSES

PLANNED
SOUTH GATE, Los Angeles Co., Calif. — General Motors Corporation has taken an option on a site in South Gate where they will erect a large automobile assembly plant. The first unit, which will represent an investment of $2,500,000, will be used for the assembly of Buick, Oldsmobile and Pontiac motor cars. It is understood that plans for the building are being prepared in the East. Construction is scheduled to start on or about December 1. Other units will be built later.

Contract Awarded
SHOP Cost, $6,000
SAN FRANCISCO, Calif., W. Fremont, 155 ft. N. Folson Street.
One-story Class C shop building.
Owner—Edward B. Ward & Co., 10th and Howard Sts.
Architect—W. P. Day, 415 Montgomery Street.
Contractor—Cahill Bros., 206 Sansome Street.

Low Bidder.
FACTORY Cost, $50,000
NAPA, Napa Co., Cal.—Soscol Ave.
One-story Class C factory (100x400 ft.) concrete walls, wood interior skylights, etc.
Owner—Rough Rider Mfg. Co. (Nathan Rothman, Prop.), 175 12th St., San Francisco.
Engineer—W. D. Hanscom, 848 Clayton St., San Francisco.
Low Bidder—Monson Bros., 475 6th St., San Francisco.

PLANS APPROVED
SAN FRANCISCO, Calif. — PWA approved plans for the construction of a materials storehouse for the Municipal Railway in San Francisco.

Low Bidder
DAIRY Cost, $——
SAN RAFAEL, Marin Co., Cal. Mary St. near Fourth St.
One-story reinforced concrete dairy and bottling plant (50x100 feet.)
Owner—Roberts Dairy, San Rafael.
Architect — N. W. Sexton, deYoung, Bldg., San Francisco.
Low Bidder—Leibert & Trbock, Albert Bldg., San Rafael, at $12,420.
Bids held under advisement.

November 1, 1935

Contract Awarded.
ALTERATIONS Cost, $5000
SAN FRANCISCO. No. 640 Tenth Street.
Alterations to warehouse.
Owner—American Rolling Mill Co., Premises.
Architect—Not Given.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

Electrical Contract Awarded.
WAREHOUSE Cost, $15,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
Two-story brick warehouse and shipping shed.
Owner—W. P. Fuller & Co., 301 Mission St., San Francisco.
Plans by Engineering Dept. of Owner
Contractor — Lindgren & Swinerton, 225 Bush St., San Francisco.
Electric — Central Electric Co., 179 Minna St., San Francisco
Other wards reported Oct. 16.

Contract Awarded.
ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. Foot of Nineteenth Avenue.
Alterations to factory.
Owner—Atlas Imperial Diesel Engine Co., Premises.
Architect—Not Given.
Contractor, S. G. Johnson, 1652 Dolores Ave., Oakland.

Contracat Awarded.
WAREHOUSE Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 1341 Fourth Street.
Two-story warehouse.
Owner—California Ink Co., 1339 4th St., Berkeley.
Architect—Henry D. Oliphant, 1734 Campbell St., Oakland.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.

Plans Being Prepared.
REFINERY Total cost, $2,000,000
SPRECKELS, Yolo Co., Calif.
New beet sugar refinery (prahably steel and brick construction).
Owner—Spreckels Sugar Co., 2 Pine St., San Francisco.
Engineer—K. A. Meserole, % Spreckels Sugar Co., Foot of 23rd St., San Francisco.
Construction will not start for about six months.

Bids Opened
COTTON COMPRESS UNIT Cost, $60,000
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wool siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission (B. C. Allin, Secretary)
Plans by Engineering Dept. of Owner.
Low Bidder—O. H. Chain, 41 S. Sutter St., Stockton.
Complete bids follow:

O. H. Chain	$45,790
C. H. Dodd	45,797
J. C. Meyers	45,883

Recommendation made that contract be awarded to O. H. Chain, subject to the approval of the PWA.

Contract Awarded.
BUILDING Cost, $10,000
SAN FRANCISCO. NW Townsend & Kitch Streets.
One-story Class C commerical building.
Owner—Henry Wagreich.
Architect—Not Given.
Contractor — W. C. Akard, 225 Cervantes Blvd., San Francisco.

PREPARING PLANS
SOUTH GATE, Los Angeles Co., Cal.—Architect Albert Kahn, Detroit, is preparing plans for a large automobile assembly plant to be built in South Gate for the General Motors Corporation. The first unit, which will represent an investment of $2,500,000, will be used for the assembly of Buick, Oldsmobile and Pontiac motor cars. Construction is scheduled to start in December Other units will be built later

Contract Awarded
STOREROOM Cost, $8,000
SAN FRANCISCO, Cal., W. Treat, 150 ft. N. 20th St.
One-story steel storeroom.
Owner—Regal Amber Brewing Co., 675 Treat Ave.
Architect—Plans by Michel & Pfeffer Iron Works, Inc., 1415 Harrison Street.
Contractor—C. L. Wold Construction Co., 4412 Fulton Street.

Contract Awarded
ADDITION Cost, $2900
STOCKTON, San Joaquin Co., Calif., Hazelton and South Center Sts.
Addition to sausage factory (40x50 feet) (reinf. concrete foundations, brick walls, steel sash, composition roofing, concrete floors, etc.)
Owner—D. E. Burgess, McKinley Ave. Stockton.
Contractor — Carl Nelson, 1421 E. Channel, Stockton.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $8500
VISALIA, Tulare Co., Cal.
One-story steel service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans By Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna St., Oakland.

Contract Awarded
SERVICE STATION Cost, $5000
SAN FRANCISCO, NW California and Divisadero St.
Service Station.
Owner — General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Eng. Dept of owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Contract Awarded
SERVICE STATION Cost, $2000
OAKLAND, Alameda Co., Cal., 4th Ave. and E 18th St.
Remodel service station building.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Eng. Dept. of owner.
Contractor—Willis F. Lynn, 1037 Ashmount Ave., Oakland.

BIDS WANTED
MILLBRAE, San Mateo Co., Calif. —Until Nov. 13, 3 P. M., bids will be received by Public Utilities Commission, Room 287, City Hall, San Francisco, for the construction of the Millbrae garage addition under Spec. W. D. 97. Addition will be a wood frame building approximately 24x95 ft. with concrete foundations, footings and floor slabs and galvanized corrugated iron sheathing on three sides and roof.
Work involves:
(1) 35 c.y. excavation and backfill;
(2) 40 c.y. concrete;
(3) constructing garage above foundations, lump sum.
Plans and specifications may be obtained from Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $10.00.
Liquidated damages for the failure to complete work within the specified time are $10.00 per day.

Plans Being Completed.
SERVICE STATION Cost, $5000
SAN FRANCISCO, SW Columbus Avenue and Bay Street.
One-story steel service station.
Owner—General Petroleum Corp. of Calif., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner. Bids will be asked in about 2 weeks.

Contract Awarded
SERVICE STATION Cost, $4,000
STOCKTON, San Joaquin Co., Calif. 901 North Eldorado Street.
Service station.
Owner—Samuel Vogel.
Architect—Not Given.
Contractor—E. Merlo, Moerings Lane, Stockton.

7— FEDERAL BUILDINGS

BIDS OPENED
SAN FRANCISCO, Cal.—Chamberlin Metal Weather Strip Co., Inc., 895 Post Street, at $2,225 submitted low bid to Custodian, Marine Hospital, for furnishing and installing monel metal fly screens for the Marine Hospital, 14th Ave. and Lake Street, San Francisco. Complete bids follow:
Chamberlin Metal Weather Strip Co., Inc., $2,225;
Forderer Cornice Works, $2,529;
R. S. Silverberg, $2,727;
Bids referred to Washington for award.

Contract Awarded
POST OFFICE Cont. Price, $44,448
VAN NUYS, Los Angeles Co., Calif. Sylvan St. bet. Van Nuys Blvd. and Vesper Street.
One- and two-story reinforced concrete post office building (tile roof steam heat, etc.; 72x64 feet).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—V. O. Brunzell and Alex Jacobsen, 14715 La Salle Avenue, Chicago, Ill.

Complete Bids
POST OFFICE Cost, $64,900
SAN RAFAEL, Marin Co., Calif.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Low Bidder—Leo Epp, 4745 Geary St., San Francisco.
Complete bids follow:

Leo Epp, San Francisco	$58,350
A. Nelson, Inc., S. F.	59,928
K. E. Parker Co., S. F.	59,975
Frank J. Reilly, S. F.	62,821
C. L. Wold Const. Co., S. F.	63,342
Robt. McCarthy, S. F.	63,930
Wm. Spivock, S. F.	65,000

BIDS WANTED
KETCHIKAN, Alaska. — Until Nov. November 21, 1 P. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing complete elevator plant in the U. S. Post Office, Courthouse and Jail, at Ketchikan.
Plans and specifications may be obtained from the above office. No deposit required for one set.

CONTRACT AWARDED
LUALUALEI, T. H. — Hawaiian Electric Company, Honolulu, T. H., at $4584 awarded contract by Public Works Officer, Pearl Harbor, for fire alarm system and telephone system for Lualualei, T. H.

CONTRACT AWARDED
HOLLYWOOD, Los Angeles Co., Cal.—King Machine & Mfg. Co., 1171 E. 32nd St., Los Angeles, at $3143 awarded contract by Treasury Department for furnishing and installing one freight elevator in the U. S. Post Office at Hollywood.

BIDS WANTED
FAIRBANKS, Alaska—Until December 18, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for wire cage, new doors, etc., in the U. S. Post Office, Courthouse, Jail, etc., at Fairbanks, Alaska. Plans and specifications may be obtained from above office.

8— CLUB BUILDINGS

Plans Being Prepared.
ALTERATIONS Cost, $45,000
OAKLAND, Alameda Co., Cal. Fourteenth and Franklin Streets.
Alterations to club.
Owner—Athenian Nile Club, Premises
Architect—Fred Reimers, 233 Post St. San Francisco.

Plans Completed
LODGE BLDG., ETC. Cost, $45,000
DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store building; cast-stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; 2 lodge halls, banquet hall and offices on second floor with stores on the ground floor.
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Plans awaiting approval of the Crocker Lodge Building Committee, and bids will be asked shortly.

9— HOSPITALS

Planned.
HOME Cost, $40,000
BAKERSFIELD, Kern Co., Calif.
Old Folks' Home.
Owner—County of Kern.
Architect—Not Given.

Bid Opening Date Postponed Until Nov. 26, 10 A. M.
HOSPITAL Cost, $150,000
SALEM, Oregon. State Hospital Grounds.
Two-story reinforced concrete hospital building (220x70 ft.) asbestos tile roof, tile floors, 2 chute conveyors, dumb waiters, fire escapes tile and linoleum flooring, ornamental iron, ornamental bronze, steel sash, structural steel, etc.
Owner—State of Washington.
Architect—Jones & Marsh, Woodlark Bldg., Portland, and Creighton & Howell, U. S. Bank Bldg., Portland, Oregon.

Awaiting WPA Approval
ADDITION Cost, $20,000
OROVILLE, Butte Co., Cal.
Additions and alterations to county hospital (capacity 60 beds). (1st unit.)
Owner—County of Butte.
Architect — Geo. Sellon, California State Life Bldg., Sacramento.

Plans Being Figured—Bids Close Nov. 21st, 2 P. M.
IMPROVE HOSPITAL Cost $50,000
SALINAS, Monterey Co., Cal. County Hospital.
One - story frame and stucco tuberculosis ward addition (22 bed unit) barracks bldg. to accommodate 50; 20,000 gallon steel tower; new well, etc.; buildings will have composition roof, wood floors, steam heating system to connect to main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Plans and specifications may be obtained from County Clerk Carrol Joy, Courthouse, Salinas, upon deposit of $25.00.

PREPARING PLANS

PHOENIX, Ariz.—Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, are preparing plans for additions to the Phoenix Indian Sanatorium, 16th St. and McDowell Rd., Phoenix. A girls' dormitory and a dining and kitchen building are the major units to be added. PWA has allotted $165,000 for the improvements. Dr. J. K. McGibony, superintendent.

Plans Being Figured—Bids Close Nov. 25, 3 P. M.

ADDITION Cost, $180,600
FORT STEILACOOM, Washington.
Three-story concrete and brick male ward addition to hospital (to house 200 patients).
Owner—State of Washington.
Architect—Heath, Grove & Bell, Puget Sound Bank Bldg., Tacoma, and Mock & Morrison, Perkins Bldg., Tacoma.
Plans and specifications may be obtained from the architects upon deposit of $20.00.

CONTRACT AWARDED

PEARL HARBOR, T. H.—Lewers & Cooke, Ltd., Honolulu, T. H., at $695 awarded contract by Public Works Officer, Pearl Harbor, for asphalt tile floors for the Naval Hospital, Pearl Harbor.

Contract Awarded

SANITARIUM Cost, $——
SANGER, Fresno Co., Calif. Fifth and Tait Streets.
One-story sanitarium.
Owner—Sanger Sanitarium Corp.
Architect—Not Given.
Contractor—Hill & Hill, Sanger.

10— HOTELS

Contract Awarded.

DORMITORY Cost, $15,000
OAKLAND, Alameda Co., Cal. 39th Street and Broadway.
Two-story and basement brick dormitory.
Owner—Kings Daughters Home.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor — F. C. Stolte, 3449 Laguna Ave., Oakland.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED

SAN DIEGO, Cal.—Until November 12, 11 a.m., bids will be received by Eleventh Naval District, Public Works Department, San Diego, for furnishing a self-service refrigerator for commissary at the Naval Operating Base (Supply Depot), San Diego; Specification 8114. The installation will include a self-service refrigerator approximately 14 feet 8 inches long, 2 feet 7 inches wide and 7 feet 4 inches high; an independent motor-driven compressor; the necessary piping and wiring; also all accessories required for full automatic control. Bidding data may be obtained from the District upon deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks. 11

12— POWER PLANTS

November 4, 1935

Plans Being Figured — Bids Close December 5.

COURTHOUSE Cost, $40,000
YERINGTON, Lyon Co., Nevada.
New County Court House.
Owner—County of Lyon.
Architect—Not Given.

Plans Being Completed.

SUB-STATION Cost, $195,000
ALAMEDA, Alameda Co., Calif.
Two-story reinforced concrete substation for electric light plant.
Owner—City of Alameda.
Plans by Engineering Dept. of Owner. (Wm. R. Paulson in charge).
Bids will be asked in about thirty days.

BOND ELECTION

MODESTO, Stanislaus Co., Calif.—County of Stanislaus will vote Dec. 13 on a proposal to issue bonds in the amount of $500,000, proceeds to finance construction of public buildings in Modesto. Construction plans involve new hall of records, alterations and repairs to present courthouse, improvements to county hospital, etc.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED

WATTS, L. A. Co., Calif.—Until November 20, 10 a. m., bids will be received by Los Angeles Board of Public Works, 153 City Hall, for the branch city hall (150x125) to be built at 1515 E. 103rd St., Watts. Plans may be obtained at the office of the Los Angeles city construction department, M-76, City Hall. Cost, $55,000.

BIDS WANTED

TORRANCE, L. A. Co., Calif.—Until November 12, 8 p. m., bids will be received by Torrance City Council for a city hall and jail building, a library building, a municipal auditorium and a garage building to be built in Torrance. All work will be included in the general contract. Plans may be obtained from the architects, A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, or from the city clerk of Torrance, upon deposit of $25.

Bids Wanted—To Close November 19, 10:30 A. M.

ADDITIONAL WORK Cost, $44,000
OAKLAND, Alameda Co., Cal. Fallon, Oak and 13th Streets.
Construct additional granite at base of courthouse and additional steel sash in Court Room.
Owner—County of Alameda.
Architect—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland.
Grant of $18,000 approved.
Plans and specifications may be obtained from G. E. Wade, County Clerk upon deposit of $50.

Plans Approved

ADDITION Cost, $44,000
OAKLAND, Ala Co., Calif. Fallon Twelfth, Oak and 13th Sts.
Additional work at Alameda County Courthouse (granite facing).
Owner—County of Alameda.
Architect—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland.
Grant of $18,000 approved.

LOW BIDDER

MARE ISLAND, Cal.—Westinghouse Electric Company, Washington, D. C., at $8679 submitted low bid to Bureau of Yards and Docks, Navy Department, Washington, D. C., for 75 kw. Motor-Generator set and electrical equipment for floating dock at the Navy Yard, Mare Island. Spec. 8071. Three low bids follow:
Westinghouse Electric Co., Washington, D. C., $8679.
General Electric Co., Schnectady, N. Y., $9125.
Ideal Electric Co., Mansfield, Ohio, $10,970.
Complete bids will be published shortly

CONTRACT AWARDED

WILLOWS, Glenn Co., Cal.—J. A. McDonald Electric Company, Willows, at $399 awarded contract by County Supervisors for heating equipment for the courthouse in Willows.
Contract also awarded to Wesix Electric Heater Co. at $1168.26 for furnishing 25 heaters, two thermostats and fans.

Plans Being Completed.

LIBRARY Cost, $29,776
ALAMEDA, Alameda Co., Cal. SW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.

SUB-BIDS WANTED

MILL VALLEY, Marin Co., Calif.—Einar C. Petersen, 1290 Hayes Street, San Francisco, desires sub-bids on all portions of the work for the construction of the Mill Valley City Hall and Fire Station, for which bids will be opened Nov. 12, 8 P. M.
Plans prepared by Architects D. E. Jaekle and Walter Falch, 126 Post St., San Francisco.

Bids Wanted—To Close November 12, 8 P. M.

HALL & FIRE DEPT. Cost, $50,000
MILL VALLEY, Marin Co., Calif.
Two-story Class C concrete brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architects—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco
Bonds in the amount of $30,000 were voted Nov. 5. Plans and specifications may be obtained from the clerk of the board upon deposit of $25.00.

Low Bidder

RESIDENCE Cost, $5200
HAYWARD, Alameda Co., Calif.
Two 1-story frame residences (4 rms. each), rustic exterior, hardwood floors, wood sash, etc.
Owner—Mr. Struble.
Architect — George P. Simonds, 192 Main St., Hayward.
Low Bidder: H. S. Shaln, 54 Arleta Ave., Hayward. $5,200.
Bids held under advisement.

14— RESIDENCES

Contract Awarded.

RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Cal. No. 134 York Drive.
One-story and basement frame and stucco residence.
Owner — J. C. Lawrence, 53 Ronada Ave., Oakland.
Architect—Not Given.
Contractor—Walter Pressler, 1419 Excelsior Ave., Oakland.

Contract Awarded.

RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 124 Vermont Avenue.
Two-story frame and stucco residence (7 rooms).
Owner—Frank Estes, 1800 San Antonio Ave., Berkeley
Architect—Not Given.
Contractor — Millar White, 1880 San Antonio Ave., Berkeley.

Contract Awarded.

RESIDENCE Cost, $4000
STOCKTON, San Joaquin Co., Calif. No. 65 E. Noble Street.

One-story and basement frame and stucco residence (5 rooms).
Owner—George Ruffo.
Architect—Not Given.
Contractor—T. E. Williamson, 1859 W. Rose St., Stockton.

Contract Awarded.
RESIDENCE Cost, $4610
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Parkway Terrace lot 12 Blk 2.
One-story and basement frame and stucco residence.
Owner—William Kasper.
Architect—Not Given.
Contractor — Henry Erickson, 972 Chenery St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1500
STOCKTON, San Joaquin Co., Calif. 230 E. Main Street.
Alterations to store building.
Owner—E. R. Peyton, 1132 E. Washington St., Stockton.
Architect—Not Given.
Contractor—Vickroy Constr. Co., 123 W. Park St., Stockton.

Contract Awarded
RESIDENCE Cont. Price, $17,800
ROSS, Marin Co., Calif. Del Mesa District.
Two - story and basement frame and stucco residence (9 rooms and 4 baths) shake roof, oil burning heating system, wood sash, hardwood floors, tile baths, etc.
Owner—M. J. Sloss.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Jas. H. Chestnut, 125 Eldridge Ave., Mill Valley.
Complete bids follow:
Jas. H. Chestnut, Mill Valley....$17,800
Wm. Martin, San Francisco..... 18,148
Moore & Roberts, S. F..... 18,279
Leibert & Trobock, San Rafael 18,301
S. J. Bertelsen, Piedmont..... 18,598
Melvin Klyce, Mill Valley..... 18,895
J. Messenger, Berkeley..... 19,310
George Maurer, Piedmont..... 19,428
Siemer & Kendall, San Anselmo 19,477
Bids exclusive of painting.

Contract Awarded.
RESIDENCE Cost, $6626
SARATOGA, Santa Clara Co., Calif. Lot 16, Cunningham Acres.
Two-story frame and stucco residence.
Owner — Congregational Church of Saratoga.
Architect—Not Given.
Contractor — Kocher Constr. Co., Notre Dame and Carlisle Sts., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
STOCKTON, San Joaquin Co., Calif. No. 101-105 E. Wyandotte St.
One-story brick veneer duplex residence.
Owner—Pete Calori.
Architect—Not Given.
Contractor — W. T. McCarty, 529 E. Clay St., Stockton.
Roofing — Gill Roofing Co., 727 N. Monroe Street.
Plumbing — A. D. Ray, 735 E. Lafayette Street.
Electric Wiring — Home Wiring Co., 522 E. Washington Street.
Furnace—Fraser Furnace Co., 445 S. San Joaquin Street.
Glass Alpine Mill, 3411 N. Sutter St.
Hardwood Floors—Kerr & Carmichael 2432 E. Church Street.
Brick and Stone Work—Chas. Miller, Linden Road.
Lumber — Diamond Match Co., Fremont and Stockton Sts.
Painting — Herman Walters, 1232 N. Ophir Street.
Plastering—Hedgardt & Simpson Florida Avenue.

Grading — R. E. McCarty, 603 E. Worth Street.
All of Stockton.

Contract Awarded.
RESIDENCE Cost, $14,198
BURLINGAME, San Mateo Co., Cal. Burlingame Hills.
Two-story and basement frame and stucco residence.
Owner—J. K. Spellacy, 321 Hillcrest Blvd., Burlingame.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor — W. O. Nicolaides, 218 Peninsula Ave., San Mateo.

Owner Taking Segregated Bids
RESIDENCE Cost, $2500
OAKALND, Alameda Co., Cal. Gwinn Road.
One-story frame residence (6 rooms) rustic exterior, shake roof, etc.
Owner—David Bruce, 1547 Oak St. Oakland.
Architect — Earl MacDonald, 3812 Broadway, Oakland.

Contract Awarded.
RESIDENCE Cost, $6500
ALAMEDA, Alameda Co., Cal. Fernside Tract.
Two-story frame and stucco residence (7 rooms).
Owner—Harry Wolter.
Architect—W. A. Doctor, 362 Hudson St., Oakland.
Contractor — Harry C. Knight, 1435 Harrison St., Oakland.

Contract Awarded.
RESIDENCE Cost, $4000
MONTEREY, Monterey Co., Calif. Abrego St., bet. Webster and Pearl Sts.
One-story frame and stucco residence.
Owner—R. D. Morrison.
Architect—Not Given.
Contractor — S. Kathven, Railroad Ave., Seaside.

Contract Awarded.
RESIDENCE Cost, $1600
REDWOOD CITY, San Mateo Co., Cal. No. 904 Vera Ave. (rear).
One-story frame residence (3 rooms and bath).
Owner—Mulie Giannini.
Architect—Not Given.
Contractor—Joseph Mecone, 615 Myrtle St., Redwood City.

Sub-Contracts Awarded.
RESIDENCE Cost: $6900
PIEDMONT, Alameda Co., Calif. No. 6 Dormidera Street.
Two-story residence and garage (8 rooms).
Owner—Dr. Walter Rapaport, Napa.
Architect—Not Given.
Contractor — Edw. Larmer, 90 Fair-View Ave., Piedmont.
Plumbing — Madden Plumbing, 3119 San Pablo Ave., Oakland.
Electric Wiring — F. W. Parkhurst, 6432 Pinehaven Road, Oakland.
Lathing and Plastering—A. Cardoni, 5244 Lawton St., Oakland.
Lumber — Sunset Lumber Co., 400 High St., Oakland.
Steel Sash — Gleason Steel Products Co., 1310 63rd St., Oakland.
Concrete — F. Salamid, 5350 Manila Ave., Oakland.
Flooring — Rex Floor Co., 2468 65th Ave., Oakland.
Reinforcing Steel — Beattie Steel & Supply Co., 1650 32nd St., Oakland

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
SAN FRANCISCO. E 25th Avenue 30 N Sea Cliff.
Two - story and basement frame and stucco residence.
Owner and Builder—Land Investment Co., 364 Bush Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,00
SAN FRANCISCO. N Pacheco 114 V Tenth Avenue.
One - story and basement frame an stucco residence.
Owner & Builder—Edwin Bauer, 179 Ninth Avenue.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,00
BERKELEY, Alameda Co., Cal. 48 Vassar.
Two-story frame and stucco residenc (six rooms).
Owner and Builder—W. A. Netherby 3853 Lyman Road, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,00
STOCKTON, San Joaquin Co., Calif 2135 Lakeside Avenue.
Two-story frame and stucco residenc (six rooms).
Owner—C. H. Maschek, 1320 N. Sa Joaquin, Stockton.
Architect—Not Given.
Contractor—W. J. Scott, 1661 W Pop lar St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $500
SAN JOSE, Santa Clara Co., Calif No. 1320 Sierra Avenue.
One-story and basement frame an stucco residence (5 rooms).
Owner and Builder—Rollie Williams 1497 Shasta Ave., San Jose.
Architect—Not Given.

November 6, 1935

To Be Done By Day's Work.
RESIDENCES Cost, $5000 eac
SAN FRANCISCO. W Twenty-sixt Ave. N Ocean Ave.
Two one-story and basement fram and stucco residences.
Owner and Builder—Jas. A. Arnott 633 Taraval St., San Francisco.
Architect—Not Given.

Sub Bids Being Taken
RESIDENCES Cost $4000 eac
SAN FRANCISCO, Cal. Twenty-nint Ave. and Cabrillo St.
Three one-story and basement fram and stucco residences (5 room each) tile and tar and gravel roof gas heating systems, wood sash hardwood floors, tile baths, et
Owner and Builder — Herman Chris tensen, 1422 27th Ave, S. F.
Architect — C. O. Clausen, 746 46t Ave., S. F.
(8272) First report Oct. 23, 1935.

Contract Awarded
RESIDENCE Cost, $50
OAKLAND, Alameda Co., Ca. Chab Drive.
Two-story and basement frame an stucco residence & garage; hard wood floors, gas heating systen
Owner—Mrs. C. Ringen.
Architect—Earl R. MacDonald, 38 Broadway, Oakland.
Contractor — A. Frerderick Anderso 1518 38th St., Sacramento.

To Be Done By Day's Work.
RESIDENCE Cost, $70
OAKLAND, Alameda Co., Cal. N 6191 Ocean View Drive.
Two-story frame and stucco residenc (6 rooms).
Owner & Builder—H. C. Pfrang, 56 Ocean View Drive, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $5000 e
SAN MATEO, Calif., Avila St.
Two 1-story and basement frame a stucco residences.
Owner—Thos. F. Wiseman, 121 Sycamore, San Mateo.

Architect—Not given.
Contractor—Leadley & Wiseman, 217 Second Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $5000
SAN MATEO, Calif. Lot 16, block 4, Avila.
One-story and basement frame and stucco residence.
Owner—M. J. Reilly.
Architect—Not given.
Contractor—J. .H Clifford, 1102 Humboldt St., San Mateo.

Contract Awarded
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Cal. Lot 5, block 19, Oak Grove.
One-story and basement frame and stucco residence.
Owner—Clarence Finlof.
Architect—Not given.
Contractor—Milton Finlof, 1520 Newland St., Burlingame.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 ea.
SAN FRANCISCO. Goettingen and Silliman Streets.
Two one-story and basement frame and stucco residences.
Owner and Builder—Joe Blum, 212 Silliman St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. SE Twenty-third and Ocean Avenues.
One-story and basement frame and stucco residence.
Owner and Builder—R. F. Galli, 1571 28th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Moncada Street 433 E Junipero Serra Blvd.
One-story and basement frame and stucco residence.
Owner—George H. Tait, 157 Collingwood St., San Francisco.
Plans by B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.
Contractor — Robert McCarthy, 1363 14th Ave., San Francisco.

Contract Awarded
ALTERATIONS Cost, $4,500
RICHMOND, Contra Costa Co., Calif. Macdonald Ave., between 10th and 11th.
Alterations to store building (new front, rear addition of 28 ft.) brick walls, tar and gravel roofing, etc.
Owner—Breuner's.
Architect—James Narbett, 466 31st St. Richmond.
Contractor—Fred. Hosking, 541 Civic Center, Richmond.

Contract Awarded
RESIDENCE Cost, $6,164
PALO ALTO, Santa Clara Co., Calif., Nevada St. and Cowper.
One-story and basement frame and stucco residence.
Owner—Mrs. Bessie H. Greisser.
Architects—Dale Ford Thomson and E. J. L. Reichel, 532 Emerson St., Palo Alto.
Contractor—George B. Moore, 53 Stanford Ave., Palo Alto.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1877 Melvin Road.
Two-story frame and stucco residence 7 rooms).
Owner and Builder—L. E. Dole, 3737 Suter St., Oakland.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $7500
PALO ALTO, Santa Clara Co., Calif. No. 460 Amherst Street.
One-story frame and stucco residence
Owner—David Snedden, Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor — George B. Moore, 531 Sanford Ave., Palo Alto.
Roofing—C. L. Frost Roofing Co.
Plumbing—L. Goldstein.
Electric Wiring — Callahan Electric Works.
Heating and Sheet Metal — Mead Sheet Metal Works.
Tile Work—Art Tile & Mantel Co., San Carlos.
Brick Work—Paul Bolt.
Lathing and Plastering—J. C. Chiri, Mountain View.
Lumber—McElroy Chein Lumber Co.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Painting—A. Anderson & Son.
All of Palo Alto unless otherwise noted.

Contract Awarded.
RESIDENCE Cost, $——
LOS ALTOS, Santa Clara Co., Calif. Los Altos Country Club Area.
Two-story and basement frame and stucco residence (12 room and 5 baths); shake roof, oil heating system, wood sash, hardwood floors, linoleum in baths, etc.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St., San Francisco.
Contractor—D. B. Gladstone, 557 Market St., San Francisco.

Plans Being Figured—Bids Close November 12, 4 p. m.
RESIDENCE Cost, $—
TIBURON, Marin Co., Cal.
One-story brick residence (4 rooms) rigid abestos shingle roof, electric heat, pine floors, etc.
Owner—A. E. Zimmerman.
Architect—Earl Bertz, 681 Market St., San Francisco.
Bids are being received from a selected list of contractors.

Contract Awarded
RESIDENCE Cost, $——
PITTSBURG, Contra Costa Co., Cal.
One - story and basement frame and stucco residence (5 rooms) John-Manville roofing, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks, 1046 Peralta St., Berkeley.

BIDS WANTED
GRAND COULEE, Wash.—Until November 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering fob cars at shipping point or fob cars at Odair, Wash., material for eleven pre - fabricated court - type houses consisting of three residences each for the Government camp at Grand Coulee Dam, Columbia Basin Project, Wash. The foundations, roofing, plumbing, electrical work, hardware, insulation, shades and linoleum will be furnished by the Government and houses will be erected by the Government.
Plans and specifications may be obtained from the above office. No deposit required.

To Be Done By Day's Work.
ALTERATIONS Cost, $2500
SAN FRANCISCO. NW Gaven and Boylston.
Alterations to frame residence.
Owner—C. A. Mourgos, 338 Gaven St.
Architect—Not Given.

BIDS WANTED
GRAND COULEE, Wash.—Until November 26, 10 A. M., bids will be received by the Bureau of Reclamation Denver, Colo., for furnishing and installing plumbing systems for 33 residences at the Government camp at Grand Coulee Dam, Columbia Basin Project, Wash.
Plans and specifications may be obtained from above office.

Contract Awarded
RESIDENCE Cost, $6,000
CORTE MADERA, Marin Co., Calif.
One-story frame residence (6 rooms) Monterey - Colonial type, shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—Withheld.
Architect—D. E. Jackle, 126 Post St San Francisco.
Contractor—Gordon Morris, 95 Pinehurst Way, San Francisco.

Sub-Bids Being Taken.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two - story and basement frame and stucco residence (8 rooms and 2 baths) shingle roof, wood sash gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.
Contractor—Lengfeld & Olund, 220 3rd Ave., San Mateo.

Plans Being Completed.
RESIDENCE Cost, $11,000
SAN MATEO, San Mateo Co., Calif. San Mateo Park.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) shake roof, gas heating system, oak floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Leo Sharps, 1477 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $3000
SAN FRANCISCO. N Lexington St. 210 S. 19th Street.
One-story frame and stucco residence
Owner—Marie Bendel, 138 Erie St., San Francisco.
Architect—Not Given.
Contractor—Ed. Rosemont, 176 Duboce Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 20 Alamo Street.
One-story frame and stucco residence (5 rooms).
Owner—P. G. Shapero, 1849 Arch St., Berkeley.
Architect—J. B. Anthony, 1849 Arch St., Berkeley.
Contractor—S. M. Shapero, 1849 Arch St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5500
PIEDMONT, Alameda Co., Cal. No 8 Parkside Drive.
One-story and basement frame and stucco residence.
Owner—R. H. Hammerberg.
Architect—Not Given.
Contractor — A. Gannerberg, 2340 Le Conte Ave. Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
MILLBRAE, San Mateo Co., Cal Violet and Hillcrest Blvd.
One-story frame and stucco residence
Owner—Niels Schultz, Millbrae.
Architect—Not Given.
Contractor — Schultz Constr. Co., 1 Hillcrest Blvd., Millbrae.

Contract Awarded.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Calif. Vine St. near Virginia St.
Two-story frame and stucco residence (6 rooms).
Owner—Joe Grasso, 252 Willow St., San Jose.
Architect—Not Given.
Contractor—V. R. Caminetti, 975 Vine St., San Jose.

Contract Awarded.
RESIDENCE Cost, $5000
SAN JOSE, Santa Clara Co., Calif. No. 735 Garden Drive.
One-story and basement frame and stucco residence (5 rooms).
Owner—Wilsey M. Smith, 105 Viola Ave., San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 1625 Emory St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1433 Hopkins Street.
Two-story frame and stucco residence (5 rooms).
Owner—Chas. A. Zerlang, 1632 Julia St., Berkeley.
Architect—Not Given.

15— SCHOOLS

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal. — Architect Frank D. Hudson, 701 Laughlin Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building to be erected at Ramona School, 1100 N. Normandie Ave. Cost, $80,000.

BOND ELECTION
SAN DIEGO, Cal.—San Diego Board of Education has called an election for December 10 at which time it is proposed to vote bonds in the sum of $2,500,000, representing the district's share of the cost of a school improvement program estimated to cost $4,184,000. Application has been made for government aid in financing the improvements. The program involves alterations to and the reconstruction of 47 grammar and high school buildings.

BONDS VOTED
LOS GATOS, Santa Clara Co., Cal. —Los Gatos Union High School District voted bonds in the amount of $60,000 Nov. 1st. Proceeds to finance construction of and addition to the High School in Los Gatos.
Plans are being completed by Architect W. H. Weeks, 525 Market Street, San Francisco

Plans Being Figured — Bids Close November 20.
NORMAL SCHOOL GYM., ETC. Cost, $201,600
BELLINGHAM, Washington.
Two-story reinforced concrete normal school addition (gymnasium to contain locker rooms, dressing rooms, shower baths, offices, etc., swimming pool wing; tar & gravel plank roof on steel trusses, brick exterior, cast stone trim, etc.
Owner—State of Washington.
Architect—Behb & Gould, Hoge Bldg., Seattle, Wash.
Plans and specifications may be obtained from the architects.

COMMISSIONED TO PREPARE PLANS
GLENDALE, Los Angeles Co., Cal. —Architect George M. Lindsey, 6305 Yucca St., Los Angeles, commissioned by Glendale Board of Education to prepare plans for the proposed new Junior College plant to be built in Glendale. The district recently voted a $195,000 bond issue as the city's share of the cost of the project and application has been made to the PWA for a grant of $159,000. Program provides for a two-story administration building and a two-story science building, both to be reinforced concrete structures, and two locker buildings. Cost of the buildings is estimated at $292,160, equipment $15,000 and grading of the site $17,500. The site selected to cost $30,000, comprises 25 acres at Verdugo Road and Canada Blvd.

PLANS COMPLETE
VISALIA, Tulare Co., Calif.—Architect C. A. Balch, 1914 S. Vermont Ave. Los Angeles, has completed plans for two additions to the high school plant in Visalia for the Visalia Union High School District. One of the projects will be a two-story, four-room addition to the present academic building and the other will be a one-story chemistry laboratory and classroom addition to the present science hall. Plans for both additions have been filed with the state architect for checking.

SUB-BIDS WANTED
SAN FRANCISCO.—Einar C. Petersen, 1290 Hayes St., desires sub-bids on all portions of the work for the construction of the Agassiz School for the City and County of San Francisco for which bids will be opened by the Department of Public Works Nov. 27, 2:30 P. M. Plans prepared by Architects Masten and Hurd, 233 Post St.

Preparing Working Drawings.
GYMNASIUM Cost, $——
MARYSVILLE, Yuba Co., Cal.
One-story frame and stucco gymnasium.
Owner—Nicolaus Union High School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Application filed with the WPA to furnish labor.

BONDS VOTED
GREENFIELD, Monterey Co., Cal. —Greenfield Union School Dist. voted bonds in the amount of $20,000 Nov. 4th to finance construction of a four-classroom addition to the Greenfield School.
Preliminary plans completed by Architect Chas. Butner, 51 Maple St., Salinas.

BIDS OPENED
ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Only bid was submitted by Petersen & Steinbrenner, 1116 O St., Sacramento, at $22,231.
Bid held under advisement.

BONDS DEFEATED
FRESNO, Cal.—Fresno City School District defeated bond issues in the amount of $324,000 for high school improvements and $146,000 for elementary school improvements in Fresno November 4.
school improvements in Fresno Nov. 4th.

CONTRACT AWARDED
LONG BEACH, Cal.—J. E. Burrell, 750 W. Anaheim St., Long Beach, was awarded general contract by the Long Beach board of education at $70,099, for construction of units A, B and C at the Lincoln Elementary School. Kirtland Cutter, Farmes & Merchants Bank Bld., Long Beach, architects.

Bids Wanted—To Close Nov. 27, 2:30 P. M.
AUDITORIUM Cost, $33,275
SAN FRANCISCO. N 20th St. bet. Missouri and Texas.
One-story auditorium at Daniel Webster School (steel frame) 57x92-ft.; to seat 400.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Plans and specifications may be obtained from Chas. Sawyer, City Hall, upon deposit of $15.00.

LOW BIDDER
VENICE, Los Angeles Co., Calif.—Theo. A. Beyer Corp., 438 Chambeer of Commerce Bldg., submitted low bid to Los Angeles Board of Education, at $85,271, for construction of new shop buildings No. 2 and No. 3 at the Venice High School, 13,000 Venice Blvd. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., architects.

Plans Being Completed
RECON. SCHOOLS Cost, $110,000
SAN LEANDRO, Ala. Co., Calif.
Repairs and reconstruction of Lincoln, Washington, McKinley and Roosevelt Schools.
Owner—San Leandro School District.
Engineer — H. J. Brunnier, Sharon Building, San Francisco.
Plans will be complete shortly and bids will probably be asked about November 21st.

Plans Approved
GYMNASIUM Cost, $46,679
MADERA, Calif.
One-story reinforced concrete gymnasium (composition roof, some tile, steel columns, maple floors, etc.)
Owner — Madera Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.
Bids will be asked shortly.

BIDS WANTED
SEBASTOPOL, Sonoma Co., Cal.—Until November 18, 8 P. M., bids will be received by B. Best, Clerk, Analy Union High School District, for furnishing and installing laboratory furniture and equipment in the high school bldg. now under construction in Sebastopol.
Plans and specifications may be obtained from the above office upon deposit of $5.00.

LOW BIDDER
LONG BEACH, Cal.—J. E. Burrell, 750 W Anaheim St., Long Beach, submitted low bid at $70,099, for construction of Units A, B and C at the Lincoln Elementary School. Kirtland Cutter, Farmers & Merchants' Bank Bldg., Long Beach, architect.

CONTRACT AWARDED
LONG BEACH, Cal.—C. Haverlandt 1625 E 5th St., Long Beach, awarded contract by Long Beach board of education at $62,980, for construction of the Longfellow elementary school. H. E. Burket, 468 E Main St., Ventura, architect.

LOW BIDDER
LOS ANGELES, Cal.—Theo A. Beyer Corp., 438 Chamber of Commerce Bldg., submitted low bid to Los Angeles board of education at $85,271 for construction of new shop buildings No. 2 and 3 at the Venice high school.

13,000 Venice Blvd. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., architects.

BIDS WANTED

LONG BEACH, Cal.—Until Nov. 15, 4 P. M., bids will be received by the Long Beach board of education for construction of the main elementary building and East and West Annexes at Lowell school. Edward Mayberry, 3910 E 3rd St., Long Beach, architect.

Bids Opened

ADDITION Cost, $——
BERKELEY, Alameda County, Calif. Campus of University of California.
One - story annex to Architectural Library building (reinf. conc. construction).
Owner—University of California.
Architect—Walter Steilberg, Stafford Jory, Waren C. Perry, and W. G. Corlett.
Low Bidder — Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Complete bids follow:
Dinwiddie Const. Co., S. F.....$13,087 120 days.
Lindgren & Swinerton, Oakland 13,680 120 days.
Willis F. Lynn, Oakland..... 14,726 120 days.
Bids held under advisement.

BONDS VOTED

LOS BANOS, Merced Co., Calif.—Los Banos Elementary School District voted bonds in the amount of $25,000 October 31. Proceeds to finance construction of a reinforced concrete elementary school in Los Banos. Preliminary plans prepared by Architect E. J. Kump, Rowell Bldg., Fresno.

Plans Awaiting PWA Approval

MUSIC BLDG. Cost, $18,360
PETALUMA, Sonoma Co., Cal. Petaluma High School.
One - story frame and stucco music building at the high school (54x34 ft.) six practice rooms, storerooms for instruments, heating room, rest room, etc.
Owner—Petaluma High School Dist.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Grant of $8262 has been approved by the PWA.

Plans Being Figured—Bids Close Nov. 25, 5 P. M.

ADDITIONS Cost, $——
ALBANY, Oregon.
Alterations and additions to high school.
Owner—School Dist. No. 5, Linn Co., Ore. (D. E. Nebergall, Chairman).
Architect—Tourtellotte and Hummell, Postal Bldg., Portland.

Plans Being Figured—Bids Close Nov. 25, 5 P. M.

SCHOOLS Cost, $220,000
ALBANY, Oregon.
Two elementary school buildings and remodeling high school.
Owner—School Dist. No. 5, Linn Co., Ore. (D. E. Nebergall, Chairman).
Architect—Tourtellotte and Hummell, Postal Bldg., Portland.
Plans and specifications may be obtained from the architects upon deposit of $20 for each school.

LOW BIDDER

TUCSON, Ariz.—M. L. Tophoy, 904 N. 4th Ave., Tucson, submitted low bid to the University of Arizona at $56,000 for constructing new buildings at University Farms, located about 4 miles northeast of Tucson, for the University of Arizona. The project includes the construction of a machinery building, meats laboratory, smoke house, office building, stock barn, dairy barn, water tower, water mains and improvements to dairy barn and milk house. Henry O. Jaastad, 103 Miltenberg St., Tucson, architect.

PLANS BEING FIGURED—BIDS TO CLOSE NOV. 15—12 NOON.

LOS ANGELES, Calif.—The Westwood Mortgage & Investment Co., 1063 Westwood Blvd., West Los Angeles, is taking bids for a two-story reinforced concrete and brick store and office building (100x102-ft.) to be built t 1109 Westwood Blvd., West Los Angeles for themselves. A portion of the building will be occupied by Sears, Roebuck & Co. P. P. Lewis, 1063 Westwood Blvd., architect. Cost, $80-000.

Plans Approved by PWA.

AUDITORIUM Cost, $33,275
SAN FRANCISCO.
Auditorium at Daniel Webster School.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.

Preparing Working Drawings.

SCHOOL Cost, $58,182
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar school (7 classrooms and assembly to seat 320).
Owner—Walnut Grove School Dist.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

Bonds Voted—Plans Completed.

SCHOOL Cost, $24,454
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school (2 classrooms and auditorium to seat 200).
Owner—Mt. George Union Elementary School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Bonds in the amount of $14,000 were voted Nov. 4. Plans awainting PWA approval.

Plans Being Figured—Bids Close Nov. 19th, 8 P. M.

STRENGTHEN SCHOOL Cost, $26,000
CENTERVILLE, Alameda Co., Calif.
Strengthen Washington Union High School (steel and wood strengthening, etc.)
Owner—Washington Un. High School District.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Plans and specifications may be obtained from the clerk of the board, Washington Union High School Bldg., upon deposit of $25.00.
Centerville, and from the architect

Planned.

JUNIOR COLLEGE Cost, $——
SAN MATEO, San Mateo Co., Cal.
Junior College (group will comprise liberal arts bldg. science bldg., administration bldg., auditorium and stadium to accommodate 15.-000).
Owner — San Mateo Junior College District.
Architect—Not Given.
Further details will be announced at a later date.

BIDS WANTED

SAN FERNANDO, Los Angeles Co., Cal.—Until Nov. 19, 2 p. m., bids will be received by the Los Angeles Board of Education purchasing bureau, 1425 S. San Pedro St., for a one-story frame school building, corner Mission Blvd. and Mott St., San Fernando. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St., Los Angeles.

BIDS WANTED

MAYWOOD, L. A. Co., Calif.—Until Nov. 18, 2 p. m., bids will be received by the Los Angeles Board of Education purchasing department, 1425 S. San Pedro St., for a new frame school building to be erected at Loma Vista Avenue school, 4620 E. 58th St., Maywood. A. S. Nibecker, Jr., 1425 S. San Pedro St., architect. Cost, $47,000.

BIDS WANTED

LOS ANGELES CO., Cal. — Until November 18, 2 p. m., bids will be received by the Los Angeles Board of Education purchasing bureau, 1425 S. San Pedro St., for the reconstruction, rehabilitation and strengthening of the main brick building at the Logan Street school, 1411 Logan St. Henry F. Whitney, 405 S. Western Ave., Architect; and L. A. Parker, 804 Architects Bldg., Structural Engineer. Cost, $55,000.

BIDS WANTED

LOS ANGELES, Calif.—Until November 19, 2 p. m., bids will be received by Los Angeles Board of Education purchasing bureau, 1425 S. San Pedro St., for reconstruction, rehabilitation and strengthening of the main brick building at the Fifty-second Street school, 801 West 52nd St. A. M. Edelman, 701 H. W. Hellman Bldg., architect; and Aaron B. Smith, 730 Central Bldg., structural engineer. Cost, $45,000.

Plans Completed.

SCHOOL Cost, $16,500
LAKE COUNTY, Calif.
One-story frame and stucco grammar school.
Owner—Burns Valley School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—J. J. Gould, 525 Market St., San Francisco.

Plans Completed.

SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (6 classrooms and gymnasium (flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St. San Francisco.
Plans have been forwarded to State Division of Architecture, Sacramento for approval.

COMPLETING PLANS

LOMPOC, Santa Barbara Co., Cal.—Lompoc Union Elementary School District reports that plans will be comleted about November 6 for an auditorium and classroom addition to the Lompoc School, estimated to cost $32,727, and that the project will be advertised for bids the latter part of November.

BOND ELECTION

LAFAYETTE, Contra Costa Co., Cal.—Lafayette School District will vote on November 23, on a proposal to issue bonds in the amount of $27,000, proceeds to finance construction of a new school in Lafayette.

BOND ELECTION

TAFT, Kern Co., Cal.—Taft Union High School District will vote on Nov. 19, on a proposal to issue bonds in the amount of $150,000, proceeds to finance construction of a two-story reinforced concrete administration building and alterations and additions to other structures at the Taft Union High School.

CONTRACT AWARDED

LOS ANGELES, Cal. — Charles J. Dorfman, 124 North La Brea Ave., awarded contract by Los Angeles board of education at $56,690, for reconstruction rehabilitation and strengthening of an addition to the boys' and girls' physical education building at Thomas A. Edison junior high school, 6500 Hooper Ave. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Architects, and Murray Erick, 811 W 7th St., Structural Engineer.

November 4, 1935

BOND ELECTION

KNIGHTSEN, Contra Costa Co., Cal.—Knightsen School District will vote on November 26, on a proposal to issue bonds in the amount of $13,000, proceeds to finance construction of an elementary school to contain four classrooms in Knightsen.

Preliminary plans prepared by Architect James Narbett, 466 31st St., Richmond.

Bonds Voted.

HIGH SCHOOL Cost, $85,000
GUSTINE, Merced Co., Calif.
New high school (four classroom, auditorium to seat 500, cafeteria).
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Russ, Bank of America Building, Oakland.

Plans are being completed and will be forwarded to State Division of Architecture, Sacramento, for approval in about one week.

BOND ELECTION

SHASTA, Cal.—Shasta School Dist. will vote on Novemher 22, on a proposal to issue bonds in the amount of $5500, proceeds to finance construction of a new school in Shasta.

Bonds Sold—Plans Being Completed.

SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (10 classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.

Plans will be forwarded to State Division of Architecture, Sacramento, for approval within one week.

Commissioned to Prepare Plans

SHOP Cost, $——
OROVILLE, Butte Co., Cal. Oroville High School Campus.
New shop building.
Owner—Oroville High School District.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.

November 4, 1935

BONDS VOTED

PHOENIX, Ariz.—Maricopa County School District No. 1, October 29 affirmed a $94,000 bond issue representing the district's share of the cost of additions to five elementary schools in Phoenix. The program calls for a 10-room addition to the Lowell School, 3-room addition to the Emerson school, 6-room addition to the Franklin school, 2-room addition to the Jackson school and a 6-classroom and auditorium addition to the Stevenson school. The PWA recently approved a loan and a grant totaling $170,909 for the improvements.

BIDS WANTED

TEMPE, Arizona—Until November 15, 8:30 A. M., bids will be received by the Arizona State Teachers' College of Tempe for the construction of a central steam heating plant, distribution system for steam heating, hot and cold water and gas lines, and auxiliary hot water heating service at the college in Tempe, a PWA project. Plans and specifications may be had by addressing the college at 422 Homebuilders Bldg., Phoenix, and upon payment of $5 for each set of plans and $5 for each set of specifications; no refund will be made. Certified check for 5% must accompany each bid. 15

Sub-Contracts Awarded

RECONSTRUCT SCHOOL
Contract Price, $127,906
BERKELEY, Alameda Co., Cal. California and Derby Streets.
Reconstruction of Longfellow School.
Owner—Berkeley School District.
Architect—W. C. Ambrose, care Berkeley Board of Education.
Engineer—Thomas F. Chace, Berkeley Board of Education.
Contractor—Dinwiddie Const. Co., Inc. 1101 Crocker Bldg., San Francisco.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Reinforcing Steel—Soule Steel Co. 1750 Army St., San Francisco.
Masonry—H. B. Petersen, 1605 Lafayette St., Alameda.
Plastering — Fatt & Ronaldo, 5558 Claremont Ave., Oakland.
Sheet Metal — Walter Mork, 1041 Hearst Ave., Berkeley.
Tile—Superior Tile Co., 3743 Broadway, Oakland.
Linoleum and Awnings—Higgins Awning & Linoleum Co., 2335 Broadway, Oakland.
Roofing — General Roofing Co., 3985 Beach St., Oakland.
Mill Work — Anderson Bros. Planing Mill, Quint and Custer Sts., San Francisco.
Painting—J. J. Burdon & Son, 1426 Macdonald Ave., Richmond.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Ornamental Iron—Star Orn. Iron W'ks 1271 Folsom St., San Francisco.
Mastic Floors—L. S. Case Co., 7th and Daggett Sts., San Francisco.
Plumbing and Heating—Spencer Elec. Co., Monadnock Bldg., San Francisco.
Electrical Work—Spencer Elec. Co.
Sprinkler System — Rockwood Sprinkler Co., 7 Front St., San Francisco.
Blackboards—J. W. Fricke, 420 Market St., San Francisco.
Fence—Anchor Post Fence Co., 460 Fifth St., San Francisco.
Rock, Sand, Gravel—Chas. S. Hughes, 1001 Ashby Ave., Berkeley.
Lumber—Tilden Lumber Co., foot of University Ave., Berkeley, and E. K. Wood Lumber Co., Frederick and King Sts., Oakland.

Plans Completed.

IMPROVE SCHOOL Cost, $——
CROCKETT, Contra Costa Co., Calif.
Structural changes to west wing of grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
State Division of Architecture has approved the plans. Bids will be asked shortly.

CONTRACT AWARDED

PASADENA, Los Angeles Co., Cal. —W. T. Loesch & Son, 119 E. Union St., Pasadena, awarded contract by Pasadena Board of Education at $112,-247 for the construction of the Thos. Jefferson Elementary School. Marston & Maybury, 25 S. Euclid Avenue, Pasadena, Architects.

Plans Being Completed

RECONST. SCHOOLS Cost, $110,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruct and repair Lincoln, McKinley, Washington and Roosevelt schools.
Owner—San Leandro School District.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans will be completed about Nov. 18.

CONTRACT AWARDED

LONG BEACH, Calif.—Reed & Maiser, 6348 Colgate Ave., Los Angeles, awarded contract by Long Beach board of education at $111,350, for general construction of administration and kindergarten buildings, and the plumbing, heating and electrical work for the Kindergarten at the Francis E. Willard school.

Frances H. Gentry, Jergins Trust Bldg., Long Beach, Engineer.

LOW BIDDERS

PASADENA, Los Angeles Co., Cal. —W. T. Loesch & Son, 119 E. Union St., Pasadena, submitted low bid to Pasadena board of education at $112,-294, for construction of the Thomas Jefferson elementary school. (Rein. concrete construction.) If certain alternates are used Atlas Construction Co., 39 Congress St., Pasadena, will be the low bidder. Marston & Maybury, 25 S. Euclid Ave., Pasadena, Architects.

BIDS WANTED

TEMPE, Ariz.—Until November 15, 8.30 a.m., bids will be received by Arizona State Teachers' College at Tempe for the construction of a 2-story Class "A" women's dormitory (200 ft. by 50 ft.), on the college campus in Tempe, a PWA project. Plans and specifications may be obtained from Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of $20. Cost, $125,000.

Plans Completed

JUNIOR HIGH Cost, $120,000
SALINAS, Monterey Co., Calif.
One-story reinforced concrete junior college.
Owner—Salinas School District.
Architect—Chas. Butner, 51 Maple St. Salinas.
Bids will be asked shortly.

16—BANKS, STORES AND OFFICES

Planned.

ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Cal. No. 1320 Fulton Street.
Alterations for restaurant and soda fountain, candy store, etc.
Owner—Ernest Wilson, Palo Alto.
Architect—Not Given.

To Be Done by Day's Work

ALTERATIONS Cost, $8,000
SAN FRANCISCO, Cal., 247 Powell Street.
Alterations to restaurant.
Owner—Nard & Curtiss, premises.
Architect—Albert R. Williams, 251 Post Street.

To Be Done by Day's Work

STORE Cost, $7,000
SAN FRANCISCO, Calif., E. Fillmore 100 ft. S. California.
One-story Class C store building.
Owner—Mrs. A. I. O'Brien, care of architect.
Architect—R. R. Irvine, 3431 Market Street.

PLANS BEING FIGURED

WEST LOS ANGELES, Cal.—Westwood Mortgage & Investment Co., 1063 Westwood Blvd., West Los An-

eles, is taking bids for a two-story einforced concrete and brick store and office building (100x102 ft.) to be uilt at 1109 Westwood Blvd., West os Angeles, for themselves. A portion of the building will be occupied y Sears, Roebuck & Co. P. P. Lewis, 1063 Westwood Blvd., Architect. Cost $80,000.

Plans Being Figured—Bids Close Nov. 14th
BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One-story and basement reinforced concrete bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of owner.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

BIDS REJECTED
SAN FRANCISCO. — Department of Public Works rejected bids for the alterations to the Assessor's Office, City Hall. Lowest bid was submitted by J. Harold Johnson, 639 Brannan St., at $8897. Complete bids published Oct. 31.

Plans Completed.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 2630 Mission Street.
Alterations to commercial building.
Owner—Pacific Savings & Loan Co., 745 Market St., San Francisco.
Architect — Ed. Musson Sharpe, 525 Market St., San Francisco.
Engineer—Alfred P. Fisher, 110 Sutter St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. NE Geary, Kearny and Market Streets.
Alterations to bar room and cigar store.
Owner—Stag Corp., Premises.
Architect—Not Given.
Contractor — Mullen Manufacturing Co., 60 Rausch St., San Francisco.

Planned.
AUTO BLDG. Cost, $20,000
CHICO, Butte Co., Cal. SE Seventh and Main Streets.
One-story automobile building (show room, etc.) 94x125 feet.
Owner—C. C. Richardson, Chico.
Architect—Not Given.
Lessee—Pahl Motors, Inc. (Harry Pahl, President), Chico.

Contract Awarded.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co.
Two-story frame residence.
Owner—Mr. Danford.
Architect—Clarence Tantau, 210 Post St., San Francisco.
Contractor—Emil Steinegger, 371 Alameda de las Pulgas, Redwood City.

Contract Awarded.
ALTERATIONS Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. No. 302 W. Santa Clara Street
Alterations to store building.
Owner — Mrs. Eva K. Stromertz, 40 Locust St., San Jose
Architect—Not Given
Contractor—Milton B. Giani, 53 Clifton Ave., San Jose.

Contract Awarded.
STORE Cost, $8000
CARMEL, Monterey Co., Cal. Ocean Avenue.
One-story store building.
Owner—W. P. Fee.
Architect—Not Given.
Contractor—M. J. Murphy, Carmel.

Contract Awarded.
STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. No 1918 Park Blvd.
One-story store building.
Owner—A. Hirschberg.
Architect—Not Given.
Contractor—Daley Bros., 4221 Horton St., Emeryville.

Contract Awarded.
ALTERATIONS Cost, $8100
FRESNO, Fresno Co., Cal. No. 1425 Blackstone Avenue.
Alterations and addition to Colonial Inn (recently partially destroyed by fire); one-story Colonial type structure, 25x60 feet.
Owner — M. P. McQuone and James Hansen, Fresno.
Architect—Not Given.
Contractor—W. H. Richmond & Son, 1379 Adeline St., Fresno.

Preparing Working Drawings.
OFFICE BLDGS. Cost, $1,200,000
SACRAMENTO, Sacramento Co., Cal. South N Street, bet. 11th and 12th Sts., and S N St., bet. 12th and 13th Sts.
Two four-story reinforced concrete office buildings (steam heating systems, air conditioning system, etc.)
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Public Works Bldg., Sacramento.
Building on N Street, bet. 11th and 12th Sts., will house the Public Works Offices, and offices of the motor vehicle department will be housed in the building on N St., bet. 12th and 13th streets.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. SE First and Williams Streets.
Alterations to store building.
Owner—Robinson & Sons Co., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
About two weeks will be allowed for figuring the plans.

STORE & OFFICES Cost, $15,045
PLACERVILLE, Eldorado Co., Calif.
Two-story brick store and office bldg. (54x50 feet) composition roofing, Oregon pine floors, steel sash.
Owner—Dillinger's Furniture Co.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor — Frank Schmerschal, Placerville.
Structural Steel — Palm Iron Works, Sacramento.
Roofing—Sacramento Roofing Co., Sacramento.
Plumbing—H. A. Boyd, Placerville.
Electric Wiring — Orelli Electric Co., Placerville.
Glass—George Cole, Placerville.
Iron Grille Work—Palm Iron Works, Sacramento.
Brick Work—Redmond Bros., Sacramento.
Lathing and Plastering—J. T. Thorn, Placerville.
Lumber—Sterling Lumber Co., Placerville.
Steel Sash—Palm Iron Works, Sacramento.
Painting—Wm. Wiglesworth, Placerville.
Reinforcing Steel—Palm Iron Works, Sacramento.

17— THEATRES

Sub-Contracts Awarded
REMODEL THEATRE
Contract Price, $24,600.
SAN FRANCISCO. 1329 Fillmore St.
Remodel and refurnish theatre building (work involves remodeling foyers, vestibule, mezzanine floor, complete re-decorating, plumbing ventilating fans, electric fixtures, new seats, etc.)
Owner—Mission-Fillmore Theatre Co., (New Fillmore Theatre)
Architect—A. A. Cantin, 5-7 Market
Contractor—Alfred J. Hopper, 1769 Pleasant Valley Road, Piedmont
Plumbing—Scott Co., 243 Minna St
Electric Wiring—Dowd - Seid Electric Co., 2118 Mission St
Lumber—Acme Lumber Co., Sixth and Channel Streets.
Heating—Scott Co., 243 Minna St
Lathing and Plastering—Vance Petersen, 161 Del Monte St.
Structural Steel—Herrick Iron Works, 18th and Campbell Sts., Oakland
Reinforcing Steel Bars—Herrick Iron Works.

Plans Being Figured
ALTERATIONS Cost, $10,000
PETALUMA, Sonoma Co., Calif.
Alterations and additions to theatre
Owner—T. & D. Theatre Enterprises, 25 Taylor St., San Francisco.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Plans Being Completed
REBUILD THEATRE. Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuilding theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto).
Architect — Russell Guerne DeLappe, 5905 Keith St., Oakland.
Bids will be asked shortly.

18— WHARVES & DOCKS

Plans Approved.
WHARF, ETC. Cost, $92,000
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners...
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Specifications are now being written and upon completion, bids will be asked.

Plans Approved.
WHARF Cost, $150,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600 x 60 feet) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer — Frank G. White, Ferry Bldg., San Francisco.
Specifications are now being written and upon completion bids will be asked.

Plans Approved
WHARF, ETC. Cost, $92,000
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
PWA has approved the plans and bids will be asked immediately.

Plans Approved
WHARF Cost, $150,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600 ' by 60 ft.) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
PWA has approved the plans and bids will be asked immediately.

Plans Being Figured—Bids Close Nov. 21st, 2 P. M.

WHARF Cost, $150,000
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600x60 - feet) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Plans and specifications may be obtained from above office upon deposit of $20.00.

Plans Being Figured—Bids Close Nov. 21st, 2 P. M.

WHARF, ETC. Cost, $92,000
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Plans and specifications may be obtained from above office upon deposit of $20.00.

19—MISC. CONSTRUCTION

CONTRACT AWARDED

LOS ANGELES, Cal.—Austin Company of California, 777 E. Washintgon Blvd., awarded contract for erection of a class A rein. concrete film laboratory building (76 ft. x 133 ft.) at 933 N. Seward St. for Consolidated Film Industries. Sprinkler System, freight elevator, etc. Cost, $100,000.

PLANNED

LOS ANGELES, Cal.—The Chapman estate, 615 S. Alexandria Ave., Los Angeles, contemplates erecting a Spanish village on Wilshire Blvd., between Alexandria Ave. and Mariposa St., to cost approximately $300,000. Proposed improvements include a number of adobe cottages to provide hotel accommodations, a swimming pool and a recreational center. The project has not yet reached the plan stage and will not mature for at least six months. 19

Preliminary Plans Completed

PUMPING HOUSE Cost, $5,000
HAYWARD, Ala. Co., Calif.
One-story light steel and cement city pump house (30x60 feet).
Owner—City of Hayward.
Architect — George P. Simonds, 192 Main St., Hayward.

CONTRACT AWARDED

MARE ISLAND, Cal.—Elliott & Co., Rialto Bldg., San Francisco, at $765 awarded contract by the Navy Department, Washington, D. C., under Spec. No. 8103, for replacing the field retaining rings on a 2000 k.w. Elliott turbo generator, in the Central Power Plant, Mare Island Navy Yard.

Contract Awarded.

MAUSOLEUM Cost, $——
LAWNDALE, San Mateo County, Cal. Home of Peace Cemetery.
Reinforced concrete mausoleum (marble and bronze interior) 500 crypts 1000 niches.
Owner—Congregation Temple Emanu-El, Arguello Blvd., and Lake St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—H. H. Larsen Co., 64 So. Park, San Francisco.
Crematory Retorts—Firebrick Constr. Co., 1148 Harrison St., San Francisco, at $5205.
As previously reported, marble awarded to Jos. Musto Sons-Keenan Co., 535 North Point St., S. F.

Plans Approved

LIVESTOCK BLDG., $699,000 1st unit
SAN MATEO COUNTY, Calif. Vistacion Valley, South McLaren Park 54-acre tract).
One-story reinforced concrete livestock building (steel trusses) first unit consists of main horse show stalls to accommodate animals, etc.
Owner—San Francisco-San Mateo Agricultural District.
Architect — W. D. Peugh, 333 Montgomery St., S. F.
Total cost of the proposed building is $1,500,000. The second unit will consist of grandstand to seat 15,000, etc.
PWA has approved the plans. Bids will be asked shortly.

CONTRACT AWARDED

CULVER CITY, Los Angeles County, Calif.—Austin Company of California, 777 E. Washington Blvd., Los Angeles, awarded contract for a number of improvements to be made at the Metro-Goldwyn-Mayer Studios, 10202 Washington Blvd., Culver City. The work includes the reconditioning of an existing stage into a sound stage and the construction of an assembly building. The assembly building will be a steel frame structure, 90x200 feet in area, with corrugated iron and glass exterior and wood roof construction.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 15, 10 A. M., bids will be received by the Signal Officer, Ninth Corps Area, Presidio of San Francisco, under Bid No. 1084 SC 36-1, for the installation of a telephone conduit and manholes at the Presidio.
Specifications obtainable from above office.

Plans Being Figured—Bids Close Nov. 12th, 2 P. M.

NURSERY Cost, $——
SAN FRANCISCO. 32d Avenue near California Street.
One - story frame and stucco nursery (32x65 ft.) two rooms, kitchen, laboratory) gas floor furnace, etc.
Owner—Miss Burke's School Playfield, 229 32nd Avenue.
Architect—Francis J. Lloyd, 360 Pine.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 14, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, for constructing a storage yard for railway materials on block bounded by Mariposa, Bryant, 17th and York Sts. Approximate quantities follow:
(1) 8,500 c.y. grading (yard only);
(2) 4,000 sq. ft. removing asph. pave.
(3) 800 l.f. constructing fence;
(4) 250 c.y. furnishing anl delivering crushed rock ballast;
(5) 50 c.y. breaking and distributing concrete sub-ballast;
(6) 2 installing girder rail turnouts;
(7) 1 installing tee rail turnout;
(8) 1 installing single track over double track crossing;
(9) 220 ft. single track, constructing girder rail plain track;
(10) 520 ft. single track, constructing tee rail plain track;
(11) 9 installing iron trolley poles;
(12) 1000 ft. single track, installing overhead trolley wire (including special work);
(13) 40 furnishing and installing type ET 4/0 copper joint bonds;
(14) 20 furnishing and installing type EC 300,000 circular mil joint bonds;
(15) 6 furnishing and installing 6 ft. 4/0 copper cross bonds;
(16) 4500 sq. ft. asphaltic pavement on concrete base;
(17) 10,000 sq. ft. do on macadam base
(18) 3910 sq. ft. concrete platform for rail bending plant;
(19) moving bending plant equipment from Municipal pipe yard and setting it up on the new foundations ready for operation;
(20) constructing bending plant bldg.;
(21) constructing storage shed;
(22) installing catchbasin and sewer pipe.
Plans and specifications may be obtained from Room 605, San Francisco Water Department Bldg., 425 Mason St., San Francisco, upon deposit of $10.00.
Liquidated damages for the failure to complete work within the specified time are fixed at $20 per day.

Plans Being Figured—Bids Close Dec. 3rd, 2 P. M.

LIVESTOCK BLDG. Cost, $640,000
SAN MATEO COUNTY, Cal. Vistacion Valley, South McLaren Park (54-acre tract).
One - story reinforced concrete and steel livestock bldg. (steel trusses; horse show arena, 300x400 feet; clear truss span over entire area, stadium to seat 10,000, flanked on each side by horse stall units (300 stalls) stadium portion height will be 100 ft. with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)
Owner—Agricultural District 1-A.
Architect—Not Given.
This is the first unit; total cost of the building is $1,500,000. Bids are being received by the State Department of Public Works, Division of Architecture, Sacramento, as follows:
(1) Work complete;
(2) Segregated general bid;
(3) Structural steel;
(4) Electrical work;
(5) Mechanical work;
(6) Stadium seating.
Plans and specifications may be obtained from above office upon deposit of $50 for each set.
Contractors must be prequalified with the Department of Public Works before plans and specifications will be made available to them.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing redwood under Bid No. 0199, were opened by the U. S. Indian Irrigation Services, Los Angeles, Oct. 30. The bids were:
San Pedro Lumber Co., $2155.54, f. o. b. San Pedro; delivery 30 days; weight, 243,000 lbs.
Union Lumber Co., $1718.80, f.o.b. Fort Bragg, $2555.17, f.o.b. Parker; delivery, 15 days; weight 194,520 lbs.
Hammond Lumber Co and Little River Redwood Co., $2555.17 f.o.b. Parker; delivery, 30 days; weight, 194,520 lbs.
Holmes-Eureka Lumber Co., $1,718.80, f.o.b. Eureka; $2555.17, f.o.b. Parker; delivery, 2 weeks; weight, 4000 lbs. (unit weight).
Sun Lumber Co., $2881.95, f.o.b. Los Angeles; delivery, 30 days; weight, 198,000 lbs.
Dolbeer - Carson Lumber Co., $1,718.80, f.o.b. Eureka; $2555.17, f.o.b. Parker; delivery time not stated; weight, 194,000 lbs.
Patten-Blinn Lumber Co., $2555.17, f.o.b.Parker; delivery, 15 days; weight 194,520 lbs.
All bidders offered a cash discount of 2%, 30 days on mill value except Sun Lumber Co., which offered 5%. 30 days.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION SERVICE

CASPER, Wyoming—Until November 12, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., under Spec. No. 740-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, twelve 100-kv-a., single-phase, 60-cycle, 66,000/33,000 to 2400/4160 Y volt transformers; four 69-kv., lightning arresters; twelve 4-kv. lightning arrestors; four 69-kv., three-pole, single-throw gang-operated air-brake switches; one three-pole, single throw, gang-operated, air break switch; twelve 60-kv. expulsion fuses; and four outdoor switching and metering equipment units for dragline substations, Casper-Alcova Project, Wyoming.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

BOULDER CITY, Nevada — Until November 29, 2 P. M., bids will be received by the Bureau of Rclamation, Custom House, Denver, Colo., under Spec. No. 743-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, pipe, fittings and valves for installation in the Boulder Power Plant, Boulder Canyon Project.

The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $2, not returnable.

BOULDER CITY, Nevada — Until November 19, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., under Spec. 742-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, twelve safety doors and appurtenances for passageways in penstock anchors, adits, and tunnel plugs of the lower tunnels at the Boulder Dam, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 75c, not returnable.

CASPER, Wyoming—Until November 18, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., under Spec. No. 741-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Casper, one 24-in. lathe; one 24-in. upright drill; one 24-in. shaper; one 10-in. pedestal grinder; one 300-ampere portable arc-welding motor-generator set; one oxy-acetylene welding and cutting set; one power hammer; one motor-operated metal-sawing machine; one floor crane and hoist; one one-ton differetial chain block; and one three-ton geared chain block, Casper-Alcova Project, Wyo.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 50c, not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO—Until November 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1467, for furnishing:

(2) 14,400 lin. ft. 12-in. cement-lined cast iron water pipe;
(2) 9000 lin. ft 16-in. cement-lined cast iron water pipe.

Specifications obtainable from the above office.

SAN FRANCISCO—Until November 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1468, for furnishing two 30-in. gate valves.

Specifications obtainable from the above office.

RECLAMATION BUREAU

ALL-AMERICAN CANAL — Until November 22, 2 P. M., bids will be received by the Bureau of Reclamation, customhouse, Denver, under Spec. No. 648, for furnishing and delivering f.o.b. cars at the shipping point approximately 300,000 bbls. of modified Portland cement and 40,000 bbls. of sulphate-resistant Portland cement, in cloth sacks, all for the All-American Canal System, Boulder Canyon Project.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, 25c, not returnable.

WAR DEPARTMENT

FORT MASON, Cal.—Until Nov. 14, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco, General Depot, Fort Mason, under Bid No. 928-36-112, for furnishing 10,000 lbs. flat nailless, cold rolled steel strapping; 100 set up, slack pine barrels, and 200 extra liners for barrels.

Specifications obtainable from the above office.

SAN FRANCISCO CITY

SAN FRANCISCO—Until November 15, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1473, for furnishing Fir, Redwood and Spruce lumber for the various City Departments and Institutions for the term December 1, 1935, to March 31, 1936.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until November 13, 10:30 A. M., bids will be received by A. L. Flint, General urchasing Agent, The Panama Canal, Washington, D. C., under Schedule No. 3103 for furnishing miscellaneous supplies and equipment, including: Pipe fittings, railing fittings, elbows, terminal bonds, bolts, pipe hangers, pipe clamps, conduit screws, hinges, escutcheon pins, expansion anchors, metal valves, cocks, basin traps, floor drains, insulated cable, magnet wire, stove wire, tee connectors, cartridge-type resistors, dry cells, bell-ringing transformers, light reflectors, safety hand lamps, glass bottles, carpenter's hammers, ratchet braces, pipe wrenches, vises, hay forks, bridle rings, carbon brushes and insulating tape.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

PANAMA CANAL ZONE — Until November 18, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3102, for furnishing miscellaneous supplies and equipment, including: Structural steel, steel plates, sheets and bars, floor plates, steel rails, pipe boiler tubes, bench grinders, railway-car springs, anvils, screw jacks, chain floor and wall tile, twist drills, assorted files, telephone distribution cable, phase-angle-indicating instruments, electric motors, panel switchboard, ground-wire clamps, storage batteries, rectifier, slate, pig iron, ingot copper, ferrosilicon, silica sand, fireclay, bricks, calcium chloride, tires and tubes, rubber matting, air-brake hose, boiler lagging, corkboard, tagboard, lumber (Cypress and Hickory), metal beds and metal household furniture.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., as follows:

SEPARATOR units and spare parts, 2 oil and water; Mare Island. Sch. 6319; Nov. 12.

GRINDERS, 2 motor-driven universal cutter; Mare Island. Sch. 6356; November 12.

PIPE, iron; steel and clay fittings; oakum; bronze gate valves; goosenecks; Mare Island. Sch. 6355; November 12.

CORKBOARD, 13,100 sq. ft. insulating; Mare Island. Sch. 6389; Nov. 15.

MACHINES, 2 motor-driven pipe and nipple threading; Mare Island. Sch. 6365; November 15.

OAKUM, spun; 18,000 lbs., Mare Island; 2400 lbs., Puget Sound; 6000 lbs., East or West Yard. Sch 6393; November 15.

BRUSHES, 725 generator carbon, Mare Island. Sch. 6407; Nov. 19.

CABLE, 26,000 ft. electric; Mare Island. Sch. 6414; Nov. 19.

SHOWER-HEADS, 450; Mare Island. Sch. 6402; November 19.

LAVATORIES, 6 ship, Mare Island; 10 do., San Diego; 36 do, Puget Sound; 123 shore lavatories, Western Yards; 15 ship water-closet, San Diego; 40 do, Mare Island. Sch. 6411; Nov. 19.

TORCHES, gasoline, 67; Mare Island. Sch. 6408; November 19.

AMMETERS, 4; 8 milliammeters; 145 voltmeters; Mare Island. Sch. 6398; Nov. 22.

MACHINE, 1 motor-driven surface grinding; Mare Island. Sch. 6430; November 22.

LATHES, 2 motor-driven wood turning; Mare Island; Sch. 6425; Nov. 22.

VALVES, 1050 bronze steam & water; Mare Island. Sch. 6427; Nov. 22.

LATHES, 3 motor-driven woodworking; and 3 floor stands. Mare Island Sch. 6423; November 22.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

November 5, 1935

COMPLETE BID LISTING

LYON COUNTY, Nev.—Dodge Construction, Inc., Fallon, at $30,790, as previously reported, submitted the low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, October 30, for the construction of a concrete and steel underpass and approaches on the State Highway System in Lyon County, Rte. 1, Section A1, near Fernley, a length of approximately 0.151 mile.

The work involves:

(1) 355 cu. yds. remove concrete;
(2) 850 cu. yds. roadway excav;
(3) 1070 cu. yds. structure excav;
(4) .15 mi. finished roadway;
(5) .15 mi. traffic stripe;
(6) 390 cu. yds. class A concrete;
(7) 365 cu. yds. class B concrete;
(8) 5000 lbs. rein. steel;
(9) 245,500 lbs. structural steel;
(10) 100 lin. ft. remove fence;
(11) 100 lin. ft. reconstruct fence.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $30,790.
(B) Isbell Const. Co., Reno, $31,715.
(C) J. A. Casson, Hayward, $32,857.
(D) Engineer's estimate, $32,632.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 4.00	$ 6.00	$ 5.00	$ 3.00
(2)	.50	1.50	1.00	.75
(3)	1.00	1.50	1.50	1.25
(4)	500.00	500.00	200.00	300.00
(5)	300.00	150.00	200.00	100.00
(6)	20.00	18.50	22.00	24.00
(7)	20.00	18.50	20.00	24.00
(8)	.07	.07	.08	.07
(9)	.05	.05	.05	.045
(10)	.10	.05	.02	.05
(11)	.20	.10	.10	.10

21

COMPLETE BID LISTING

EUREKA COUNTY, Nevada—Dodge Construction, Inc., Fallon, at $86,755.-19, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, Oct. 30, for the construction of a concrete and steel overpass and approaches on the State Highway system in Eureka County, Route 1, Sections A2 and A3, near Dunphy, a length of approximately 0.62 mile.

The work involves:

(1) 4553 lin. ft. remove fence;
(2) 84 lin. ft., remove culvert pipe;
(3) 2 each, remove culvert headwalls,
(4) 1 each, remove concrete culvert
(5) 350 cu. yds. roadway excavation;
(6) 65,160 cu. yds. imported borrow;
(7) 1270 cu. yds. structural excav;
(8) 0.56 mi. subgrade;
(9) 0.59 mi. finish roadway;
(10) 1300 cu. yds. gravel base.
(11) 0.59 mi. salvage and relay asphaltic surface;
(12) 29 tons asphaltic road material, Type SC-2;
(13) 745 cu. yds. class A concrete;
(14) 285 cu. yds. class D concrete;
(15) 9.4 m. ft. b.m. redwood;
(16) 183,000 lbs. reinf. steel;
(17) 106,000 lbs. structural steel;
(18) 5,790 lin. ft. treated piles;
(19) 185 each, drive treated piles;
(20) 32 lin. ft. 24 in. corr. metal pipe;
(21) 20 lin. ft. 36 in. corr. metal pipe;
(22) 2 each, move pipe culvert headwalls;
(23) 4050 lin. ft. metal guard rail;
(24) 12 each, monuments;
(25) 4385 lin. ft. reconstruct fence.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $86,755.19.
(B) Isbell Const. Co., Reno, $87,367.06.
(C) Peninsula Paving Co., San Francisco, $96,243.56.
(D) Gibbons & Reed, Salt Lake City, bid irregular.
(E) Engineer's estimate, $84,923.06.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .03	$ .02	$ .02	$ .02	$ .02
(2)	1.00	.75	.50	.50	1.00
(3)	7.50	5.00	5.00	10.00	5.00
(4)	200.00	250.00	250.00	100.00	200.00
(5)	1.00	.50	.60	.30	50
(6)	.33	.37	.58		.35
(7)	1.50	1.50	1.50	1.25	1.00
(8)	200.00	200.00	250.00	100.00	100.00
(9)	200.00	200.00	250.00	200.00	300.00
(10)	1.50	1.00	1.00	1.00	1.00
(11)	1500.00	1500.00	600.00	1500.00	1000.00
(12)	20.00	25.00	16.00	30.00	22.00
(13)	25.00	26.50	20.00	23.00	23.00
(14)	27.00	29.50	26.00	26.00	25.00
(15)	120.00	100.00	100.00	115.00	120.00
(16)	.055	.055	.055	.06	.055
(17)	.065	.07	.065	.08	.07
(18)	.90	.60	.75	.80	.75
(19)	20.00	14.00	12.00	15.00	25.00
(20)	4.00	3.50	3.00	3.00	3.25
(21)	6.00	5.50	5.50	5.00	5.00
(22)	10.00	10.00	10.00	10.00	10.00
(23)	1.20	1.25	1.50	1.20	1.25
(24)	3.00	3.50	2.50	3.00	4.00
(25)	.10	.06	.10	.10	.08

CONTRACT AWARDED

SAN DIEGO CO., Cal. — E. S. & N. S. Johnson, 424 N. Lake Av., Pasadena, at $25,992.50 awarded contract by the State Highway Commission, Sacramento, for widening an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, ¼ mile north of Del Mar, and widening and paving approaches with asphalt concrete, in San Diego County.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

LOS ANGELES CO., Calif. — Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a steel and concrete overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway at Wilmington, consisting of four 61-ft. 6-in. spans, two 42-ft. spans, and two 39-ft. spans, and grading and paving approaches with asphalt concrete and Portland cement concrete paving strips.

The work involves:

(1) 21 stations clearing and grubbing;
(2) 1,500 M. gals. water;
(3) 61,500 c.y. rdwy. excav., unclass.;
(4) 2,650 c.y. struc. excav.;
(5) 16,000 sq. yds. subgrade for pave.
(6) 21 stations finishing rdwy.;
(7) 455 tons mineral aggregate (plant mixed surfacing);
(8) 23 tons liquid asphalt MC-5 or MC-extra heavy (do);
(9) 2.1 tons liquid asph. MC-2 (prime coat);
(10) 3,400 tons asphalt concrete (base and leveling course);
(11) 2,000 tons asphalt concrete (type A surface course);
(12) 425 c.y. Class A Port. cem. conc. (pavement);
(13) 465,000 lbs. bar reinf. steel (pavement and structure);
(14) 2,870 c.y. Class A Port. cement concrete (structure);
(15) 74 c.y. Class F do (railing);
(16) 1,300,000 lbs. struc. steel;
(17) 1,160 lbs. cast bronze;
(18) 400 lbs. copper strips;
(19) 400 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(20) 340 l.f. curb armor;
(21) 1,000 l.f. lighting conduit;
(22) 8 each concrete lighting standards;
(23) 75 c.y. concrete to be removed and disposed of;
(24) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles.

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Company about 2.2 miles west of Indio, consisting of one 61-ft. clear span and two 45-ft. 6-in. clear spans, and grading and paving with Portland cement concrete 0.54 mile of roadway.

The work involves:

(1) 2,350 M. gals. water;
(2) 5,300 c.y. rdwy. excav., unclass.;
(3) 1,000 sta. yds. overhaul;
(4) 1,000 c.y. struc. excav.;
(5) 56 600 c.y. imported borrow;
(6) 22,500 c.y. selected do;
(7) 6,410 sq. yds. sungrade for pave.;
(8) 28 sta. finishing rdwy.;
(9) 36 tons liquid asph. SC-2 (shoulders);
(10) 23.5 tons do (detour);
(11) 4 tons liquid asph. SC-1A (slopes)
(12) 5,600 sq. yds. preparing, mixing, and shaping shoulders;
(13) 1,305 c.y. Class A Portland cement concrete (pave.);
(14) 189,000 lbs. bar reinf. steel (pavement and structure);

(15) 2,620 each pavement dowels;
(16) 1,300 c.y. Class A Portland cement concrete (struc.);
(17) 28 c.y. Class A do (railing);
(18) 7,030 l.f. furnish. treated Douglas fir piles, including test piles;
(19) 278 each driving do;
(20) 6 each spillway assemblies;
(21) 94 l.f. 8-in. CMP;
(22) 3,059 l.f. laminated timber guard rail;
(23) 6 each monuments;
(24) 1 each temporary pavem't crossing device;
(25) 1 lot misc. items of work.

NOTE: The State reserves the right to omit items 18 and 19 from the contract and reduce the quantity in item 6.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until November 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad one-half mile east of Tracy, consisting of one 81-ft. and two 48-ft. plate girder spans, two 52-ft. steel beam spans, and twenty-nine 40-ft. reinforced concrete girder spans on concrete bents and abutments with wingwalls on timber pile foundation, and grading and paving with Portland cement concrete pavement approximately 0.3 mile.

The work involves:

(1) 630 M. gals. water;
(2) 1750 cu. yds. rdwy. excav. unclass;
(3) 3500 cu. yds. struc. excav.;
(4) 18,000 cu. yds. imported borrow;
(5) 405 cu. yds. salvaged surfacing;
(6) 216 cu. yds. conc. pavement and strucs. to be removed and disposed of;
(7) 3300 sq. yds. subgrade for pavement;
(8) 31 sta. finishing roadway;
(9) 2500 tons untreat. crushed gravel or stone surfacing (base and approaches);
(10) 1420 tons mineral aggregate (plant-mixed surface MC type);
(11) 71 tons liquid asph. MC-4 or 5 (plant-mixed surfacing);
(12) 16 tons liquid asph. MC-2 (prime coat);
(13) 7 tons liquid asph. MC-3 (seal coat);
(14) 64 tons stone screenings (seal coat);
(15) 635 cu. yds. Class A Portland cement concrete (pavement);
(16) 5100 cu. yds. Class A Portland cement concrete (struca.);
(17) 122 cu. yds. Class A Portland cement concrete (railing);
(18) 868 each pavement dowels;
(19) 840,000 lbs. bar reinf. steel;
(20) 448 each pavement tie bolt assemblies;
(21) 350,000 lbs. struc. steel;
(22) 28,000 lbs. cast steel;
(23) 1 only cast steel frame & cover;
(24) 27,500 lin. ft. furnishing treated Douglas fir piles, including test piles;
(25) 684 each driving treated Douglas fir piles, including test piles;
(26) 104 lin. ft. 36-in. reinf. conc. pipe
(27) 64 lin. ft. 48-in. do;
(28) 28 lin. ft. 12-in. do;
(29) 1 only 12-in. reinf. concrete pipe elbow;
(30) 86 each guide posts;
(31) 0.53 mile new property fence;
(32) 4 each drive gates;
(33) 667 sq. yds. asph. paint binder;
(34) 16 each monuments;
(35) 1 only 12-in. alfalfa valve;
(36) 1 lot miscellaneous items of work

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton. *

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Parish Bros., 1222 N. Gower St., Hollywood, at $8304.60 awarded contract by the State Highway Commission, Sacramento, for construction of a corrugated metal pipe drain in Ventura County, about 12.5 miles north of the City of Ventura.

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until November 19, 2 P. M., bids will be received by the Division of Highways, L. H. Gibson, District Engineer, 56 Higuera St., San Luis Obispo, for the salvaging of an existing 120 ft. bridge from Pacheco Creek and erection at San Benito River; and the salvaging of the existing 100-ft. San Benito River Bridge.

Plans and specifications obtainable from the above office. *

22—DREDGING, HARBOR WORKS, EXCAVATION

SUIT FILED

SAN JOSE, Santa Clara County—Suit has been filed in Superior Court by Frederick C. Malkmes to test the validity of the election held last August on the formation of the San Jose Deep Water Port Association. The suit alleges irregularities in the election proceedings. Construction of a port development to cost $2,000,000 is contemplated by the district.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 14, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-78, for furnishing 5,000 tons of rip-rap stone and delivering same either by barge or by truck along the easterly bank of the Sacramento River just above Colusa Weir and approximately 2.5 miles upstream from Colusa. Rock shall be unloaded at points along the bank as designated by the Contracting Officer.

Specifications obtainable from above office. 1

BIDS WANTED

SACRAMENTO, Cal.—Until November 12, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-79, for furnishing and operating one dragline and performing all work as directed by the contracting officer for work on the Dozier spoil area about 7 miles southwesterly from Rio Vista, on the westerly side of the Sacramento River. Equipment shall have a 40-ft. boom, 0.75 cu. yd. capacity bucket, and 55 -hp. engine.

Bids will be taken as follows:

(1) Furnishing and operating dragline for 360 hours.
(2) Lump sum, delivery of dragline to site of work and removal there-from upon completion of contract.

Specifications obtainable from the above office.

23—IRRIGATION PROJ.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal.—J. C. Bolt, Stockton, at $0.14 per cu. yd. awarded contract by the State Division of Water Resources, Edward Hyatt, State Engineer, Sacramento, for constructing three sections of levee on the right bank of the San Joaquin River in Reclamation District No. 2064, approximately 10 miles south of Manteca, San Joaquin County, involving

(1) 21,150 cu. yds. material to be placed in levee at Site "A";
(2) 11,200 cu. yds. material to be placed in levee at Site "B";
(3) 6400 cu. yds. material to be placed in levee at Site "C".

Complete bids published Oct. 17

CONTRACT AWARDED

STANISLAUS COUNTY.—California Gunite Co., 1006 N. Sycamore St., Los Angeles, at $72,554.38 submitted low bid and awarded contract by the Modesto Irigation District, C. S. Abbott, secretary, for the repair of old lining by guniting in the Main Canal of the District.

Complete bids follow:

California Gunite Co., L. A.	$72,554.38
Vinson & Pringle, Phoenix	75,883.64
Peninsula Paving Co., S. F.	77,111.69
Case Constr. Co., Alhambra	82,776.96

LOW BIDDERS

MARICOPA COUNTY, Ariz.—Vinson & Pringle, 919 E Madison St., Phoenix, at $147,400 submitted low bid to the Maricopa County Municipal Water Conservation District No. 1, 927 Title and Trust Bldg., Phoenix, Nov. 4, for the construction and improvement of the irrigation works of the District.

The work is located about 30 miles northwest of Phoenix and includes the finish subgrade for, and the placing of concrete or gunite lining; or concrete or gunite bank lining and cement bound macadam bottom, together with bank spillways covering an area of approximately 2,200,000 sq. ft.

The District will perform the rough grading, and furnish the cement and reinforcing fabric at the nearest railroad siding or at its headquarters at Beardsley, Ariz.

Cement gun Const. Co., Allentown, Pa., submitted the second bid at $149,600.

CONTRACT AWARDED

TURLOCK, Stanislaus Co., Cal.—Ed. Erickson, Route 4, Box 744, Modesto, at $20,934.60 submitted low bid and awarded contract by the Turlock Irrigation District for application of approximately 331,842 sq. ft. of 2-in. concrete levee lining on the Ceres main canal from Drop No. 3 to Alexander Bridge.

Lloyd Terrell, 221 9th Ave., Turlock, at $5634.64 awarded contract for applying approximately 83,600 sq. ft. of 2-in. lining on the main canal in the vicinity of Drop No. 4.

24— STREET LIGHTING SYSTEMS

BIDS WANTED

SAN FRANCISCO.—Until Nov. 14, 3 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Light and Power Department Contract No. 8, for the construction of an addition to the street lighting system in the Civic Center.

The work will be located on Fulton Street between Larkin and Leavenworth Streets; on McAllister Street between Larkin and Leavenworth Sts., and on Leavenworth St. between Fulton and McAllister Streets.

The work involves:

(1) 32 16-ft. ornamental reinf. conc lighting standards;
(2) 32 luminaries without compensators;

(3) 32 Pri. 6.6A., Sec. 15 to 20A Series transformers;
(4) 32,000 lumen 15 ampere Mazda street series lamps;
(5) 32 concrete foundations for standards with bolts and conduit bends;
(6) 8 concrete pull boxes;
(7) 43,000 ft. 1½-in. blak underground conduit;
(8) 4,600 ft. 5,000 volt single conductor No. 8 AWG R&LC wire;
(9) 1,200 ft. 600 volt single conductor No. 8 AWG, RCDB stranded wire.

Lump sum bids will be received for furnishing and installing an addition to the lighting system in the Civic Center complete except conduit; and a unit price bid will be received for furnishing and installing 1½-inch standard black conduit.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.00.

Work will be financed in part by a PWA allotment of $22,783 for street lighting about the new Federal Bldg. and along bridge approaches.

Paul J. Ost, chief electrical engi- •

25—MACHINERY AND EQUIPMENT

BIDS OPENED

SAN FRANCISCO — Identical bids at $1225 f.o.b. Paesteel, Oakland, were received by P. C. Brown, Procurement Engineer, Forest Service, Phelan Bldg., San Francisco, under Contract No. 711, for furnishing 12 air compressor units, complete with air receivers, power take-offs and controls.

The bidders were:

Sullivan Machinery Co., Sam Bates Co., Gardner-Denver Co., Rix Co., Edward S. Bacon Co., Davey Air Compressor Co. and Schramm, Inc.

Sullivan Machinery Co. and the Davey Air Compressor Co. submitted bids of $1300, including installation.

• 25

BIDS OPENED

PANAMA CANAL ZONE.—Following bids received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., Oct. 28, under Schedule No. 3097, for furnishing an electric overhead traveling crane, 30-ton capacity:

Cyclops Iron Works, San Francisco, $11,976.

Euclid-Armington Corp., Euclid, O., $12,969.

Harnischfeger Sales Corp., Milwaukee, Wis., $13,874.

Judson-Pacific Co., San Francisco, $11,380.

Shaw Box Crane & Hoist Co., Muskegon, Mich., $14,287 and $19,763.

Bids held under advisement.

BIDS OPENED

IDAHO AND WYOMING—Following bids received by the Bureau of Reclamation, Denver, October 28, under Spec. No. 732-D, for furnishing two vertical, hydraulic, self-indicating, 200,000 lb. capacity, compression-type testing machines for field laboratory use at Ashton, Idaho and Parco, Wyoming.

Baldwin-Southwark Corp., Philadelphia, $3300, f.o.b. Eddystone, Pa.

Tinius Olsen Testing Machinery Co., Philadelphia, $4350, f.o.b. Philadelphia

American Machine & Metals Mfg. Co., East Moline, Ill., $3876.70, f.o.b. Ashton, Idaho and Parco, Wyoming.

CONTRACTS AWARDED

BOULDER CITY, Nevada. — Pelton Water Wheel Co., San Francisco, at $551,000 for two 115,000 h.p. hydraulic turbines; and the Woodward Governor Co., Rockford, Ill., at $30,800, for governors for turbines, awarded contracts by the Bureau of Reclamation, Denver, under Spec. No. 639, for furnishing two vertical shaft 115,000 h.p. 180 rpm. hydraulic turbines and two governors with pumping equipment for regulating the speed of the turbines for installation in Boulder Power Plant, Boulder Canyon Project.

CONTRACT AWARDED

MARE ISLAND, Calif. — American Hoist & Derrick Co., 63 S. Robert St., St. Paul, Minn., at $31,240 on Schedule 1 awarded contract by the Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. No. 7983, for furnishing two 3-ton revolving gantry type cranes operated by Diesel engines at the Mare Island Navy Yard.

CONTRACT AWARDED

OAKLAND, Cal.—Lincoln Electric Co., 894 Folsom St., San Francisco, at $2276.30 awarded contract by the East Bay Municipal Utility District, Oakland, under Proposal No. 690, for furnishing two electric portable welding machines, gasoline driven engine, 300 ampere, 40-volt, speed not higher than 1800 r.p.m.

26—— RAILROADS

November 5, 1935

BIDS WANTED

SAN FRANCISCO.—Until Nov. 13, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Municipal Railway Contract No. 170, for the reconstruction of the Union St. tracks. Estimated cost, $130,225.

The work involves:

(1) 54,000 sq. ft. removing pavement;
(2) 5,600 ft. removing existing rail, ties and fastenings and hauling the material to the Municipal pipe yard, single track;
(3) 2,100 c.y. excavation below pavement;
(4) 20 c.y. excavation and backfill for drains;
(5) lump sum, installing track drains
(6) 500 c.y. breaking and distributing concrete sub-ballast;
(7) 1,300 c.y. furnishing and distributing crushed rock ballast;
(8) 5,600 ft. constructing girder rail track, complete, including hauling materials, but excluding excavation, paving and bonding, single track;
(9) 190 installing thermit weld joints;
(10) lump sum, installing double track over double track crossing;
(11) lump sum, installing crossover;
(12) 54,000 sq. ft. asphaltic pavement on concrete ase;
(13) 4,400 sq. ft. asphaltic conform pavement inc. removal of existing asphalt;
(14) 500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base;
(15) 5,800 ft. concrete stringer, single track.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.00.

Paul J. Ost, chief electrical engineer. • 26

CONTEMPLATED

YREKA, Siskiyou Co., Cal.—O. G. Steele, receiver of the Yreka Railroad Co., has announced that the company has filed petition asking permission to borrow $25,000 to finance laying of about 3 or 4 miles of 75-lb. steel, to replace 40-lb. rail now in use, and putting in approximately 8000 new track ties, on the Yreka - Montague

28 — FIRE EQUIPMENT

CONTRACT AWARDED

FRESNO, Cal.—Barrett-Hicks Co., 1031 Broadway, Fresno, at $0.79 per foot, total $3555 awarded contract by the Fresno City Commission, H. S. Foster, City Clerk, for furnishing 4500 ft. of 2½-in. double jacketed cotton rubber lined fire hose, coupled in 50-ft. lengths.

Complete bids follow:

Barrett - Hicks Co., Fresno, $0.79 per ft. (American Rubber Co. hose).

Fisher - Glassford Hardware Co., Fresno, $0.79 per ft., total $3555 (Pioneer Rubber Co.)

Goodyear Service, Fresno, $.86 per ft., total $3870 (American-La France-Goodyear).

Valley Foundry & Machine Works, Fresno, $1.20 per ft. (Fabric Fire Hose Co.)

29— STREETS AND HIGHWAYS

November 7, 1935

BIDS WANTED

MONTEREY COUNTY.—Until November 20, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with bituminous treated screened river gravel, road mix method, in Monterey County, between 3 miles north of Bug Sur and Molera's Ranch.

The work involves:

(1) 93 stations clearing and grubbing right of way;
(2) 69 each removing and grubbing trees, size 1;
(3) 44 each removing and grubbing trees, size 2;
(4) 13 each each removing and grubbing trees, size 3;
(5) 7 each removing and grubbing trees, size 4;
(6) 23 each removing trees, size 1;
(7) 14 each removing trees, size 2;
(8) 11 each removing trees, size 3;
(9) 2 each removing trees, size 4;
(10) 123,000 cu. yds. rdwy. excav. unclass.;
(11) 100,000 station yds. overhaul;
(12) 2550 cu. yds. struc. excav.;
(13) 650 cu. yds. ditch and channel excav;
(14) 93 stations finishing rdwy.;
(15) 600 cu. yds. gravel base.;
(16) 2300 cu. yds. gravel surfacing;
(17) 215 tons liquid asphalt SC-2;
(18) 21 tons liquid asphalt SC-2 (prime coat);
(19) 14 tons liquid asphalt SC-2 (seal coat;
(20) 95 cu. yds. sand (seal coat);
(21) 4 MFBM Redwood timber, dense, select ,all heart, structural grade;
(22) 35 MFBM Redwood timber, select, all heart, structural grade;
(23) 52 cu. yds. rubble masonry;
(24) 428 lin. ft. 8 in. C M P;
(25) 434 lin. ft. 18 in. C M P;
(26) 386 lin. ft. 24 in. C M P;
(27) 462 lin. ft. 36 in. C M P;
(28) 84 lin. ft. 48 in. C M P;
(29) 82 lin. ft. 66 in. C M P;
(30) 132 lin. ft. 66 in. C M P, 8 gauge;
(31) 400 lin. ft. 8-in. Perf. metal pipe (underdrains);
(32) 90 cu. yds. rock filling material;
(33) 34 lin. ft. exist. C M P culverts to be removed, cleaned and relaid;
(34) 18 each spillway assemblies;
(35) 214 each rough hewn timber guide posts;
(36) 1200 lin. ft. rough hewn timber guard rail;
(37) 47 each rough hewn culvert markers;
(38) 21 each move and reset guide posts;
(39) 3.5 miles property fences;

(40) 10 each fence gates;
(41) 20 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

29

November 6, 1935

BIDS WANTED

LASSEN COUNTY—Until November 20, 2 p. m., bids will be received by the State Highway Commission, Sacramento, for about 9.2 miles grading and applying bituminous seal coat in Lassen County between Long Valley Creek and 2.8 miles north of Route 21.

The work involves:
(1) 65 acres clearing and grubbing right of way;
(2) 1000 M. gals. water;
(3) 222,000 cu. yds. rdwy. excav. unclass.;
(4) 3,320,000 station yds. overhaul;
(5) 950 cu. yds. ditch and channel excavation;
(6) 2400 cu. yds. struc. excav.;
(7) 489 sta. finishing rdwy.
(8) 130,200 sq. yds. preparing roadbed for oil treatment;
(9) 270 tons liquid asphalt SC-2 (penetration oil treatment);
(10) 188 tons liquid asphalt 90-95 (seal coat);
(11) 2770 tons screenings (seal coat and stockpiles);
(12) 510 cu. yds. class A Port. cem. conc. (struces.);
(13) 62,500 lbs. bar rein. steel (struc.)
(14) 5100 lbs. steel I-beams (cattle guard);
(15) 750 lbs. misc. iron and steel (cattle guard);
(16) 430 cu. yds. rock slope protection;
(17) 198 lin. ft. 8 in. C M P;
(18) 15 each spillway assemblies;
(19) 15 each 8 in. C M P elbows;
(20) 96 lin. ft. 12 in. C M P;
(21) 1858 lin. ft. 18 in. C M P;
(22) 450 lin. ft. 24 in. C M P;
(23) 50 lin. ft. 30 in. C M P;
(24) 142 lin. ft. 36 in. C M P;
(25) 104 each culvert markers;
(26) 1 only exist. bridge to be removed;
(27) 131 each monuments complete in place.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

CONTRACT AWARDED

OGDEN, Utah.—Collins Concrete & Steel Pipe Co., Foot of North Albina, Portland, at $21,951.35 on Schedule 4, awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 722-D (readvertisement of Spec. No. 716-D) for furnishing precast reinforced concrete pipe for use in construction of structures on canals in Ogden River Project.

BIDS WANTED

LOS ANGELES CO., Calif. — Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 0.6 mile paving with asphalt concrete in the City of Glendale between San Fernando Road and Central Avenue.

The work involves:
(1) 1,525 c.y. rdwy. excav., unclass.;
(2) 575 c.y. exist. asphalt conc. surface removed and disposed of;
(3) 50 c.y. exist. asphalt conc. base removed and disposed of;
(4) 6,600 sq. yds. subgrade preparation;
(5) 1,600 tons asphalt concrete (base and leveling course);
(6) 1,750 tons asphalt concrete (type II surface course);
(7) 13,000 sq. yds. asph. paint binder;
(8) 6 ea. manholes adjusted to grade.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

TULARE COUNTY, Cal.—Until November 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 6.6 miles grading, surfacing portions with crusher run base, road-mix surfacing, and treating portions with liquid asphalt by the road-mix method, in Tulare County, between Yokohl and one mile north of Lemon Cove.

The work involves:
(1) Clearing and grubbing right-of-way;
(2) 4450 M. gals. water;
(3) 121,000 cu. yds. roadway excavation treatment);
(4) 3 500,000 sta. yds. overhaul;
(5) 1400 cu. yds. ditch excav.;
(6) 3400 cu. yds. struc. excav.;
(7) 150 cu. yds. exist. conc. removed and disposed of;
(8) 347 stations finishing roadway;
(9) 4000 tons crusher run base;
(10) 2700 tons mineral aggregate (road-mix surfacing);
(11) 20 tons liquid asph. SC-2 (prime coat);
(12) 1200 tons liquid asph. SC-4 (road mix surfacing and road-mix surface treatment);
(13) 86,000 sq. yds. preparing, mixing and shaping roadbed, shoulders and road approaches;
(14) 70 tons liquid asphalt SC-2 (penetration treatment;
(15) 260 cu . yds. Class A Portland cement concrete (structures);
(16) 28,000 lbs. bar reinf. steel;
(17) 31 MFBM redwood timber, dense select, all heart, structural grade;
(18) 36 MFBM Redwood timber, select, all heart, structural grade;
(19) 184 lin. ft. 8-in. CMP;
(20) 570 lin. ft. 18-in. CMP;
(21) 1686 lin. ft. 24-in. CMP;
(22) 58 lin. ft. 36-in. CMP;
(23) 50 lin. ft. 26-in. by 6½-in. part circle C M culvert (8 gauge);
(24) 25 each embankment protectors;
(25) 500 lin. ft. laminated guard rail;
(26) 60 each culvert markers;
(27) 475 each guide posts;
(28) 8.2 miles standard property fence
(29) 0.3 mile hog tight property fence
(30) 20 each drive gates;
(31) 0.9 mile property fences removed and disposed of;
(32) 95 each monuments;
(33) 1450 lin. ft. Redwood timber sub-drain;
(34) 110 cu. yds. rock filling material;
(35) 1 only cast steel frame and grate for drop inlet;
(36) 1 only exist. bridge removed and disposed of.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

BIDS WANTED

MENDOCINO CO., Cal.—Until Nov. 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.75 miles grading, surfacing with creek run gravel, and treated with liquid asphalt, in Mendocino County at the Oaks and at Clow Creek.

The work involves
(1) 785 M. gals. water;
(2) 36,050 c.y. rdwy. excav.;
(3) 600 c.y. struc. excav.;
(4) 1,000 c.y. ditch and channel excavation;
(5) 302,500 sta. yds. overhaul;
(6) 92 sta. finishing rdwy.;
(7) 9,050 c.y. creek run gravel;
(8) 51 tons liquid asphalt SC-2;
(9) 690 lbs. bar reinf. steel;
(10) 13 c.y. Class A Portland cement concrete (structures);
(11) 138 l.f. 8-in. CMP;
(12) 686 l.f. 18-in. CMP;
(13) 38 l.f. 24-in. CMP;
(14) 38 l.f. 30-in. CMP;
(15) 142 l.f. 60-in. CMP;
(16) 200 l.f. 8-in. perf. metal pipe;
(17) 50 c.y. rock filling material;
(18) 4 each spillway assemblies;
(19) 28 each culvert markers;
(20) 77 each guide posts;
(21) 0.7 mile new property fence;
(22) 4 each drive gates;
(23) removing timber bridge;
(24) 41 each monuments;

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.5 miles grading and applying road-mix surface treatment in San Bernardino County between one mile northwest of Lake Arrowhead and Lake Arrowhead Dam.

The work involves:
(1) 18 acres clearing and grubbing;
(2) 118,200 c.y. rdwy. excav., unclass.
(3) 100,300 sta. yds. overhaul;
(4) 2,630 c.y. struc. excav.;
(5) 124 l.f. exist. CMP culverts removed, cleaned and salvaged;
(6) 162 l.f. 8-in. CMP;
(7) 70 l.f. 12-in. CMP;
(8) 440 l.f. 18-in. CMP;
(9) 1,268 l.f. 24-in. CMP;
(10) 274 l.f. 30-in. CMP;
(11) 490 l.f. 36-in. CMP;
(12) 104 l.f. 48-in. CMP;
(13) 4 each spillway assemblies;
(14) 22 c.y. rubble masonry;
(15) 130.3 stations finishing rdwy.;
(16) 3,500 M. gals. water;
(17) 7.5 c.y. Class A Port. cem. conc. (structures);
(18) 760 lbs. bar reinf. steel (struc.);
(19) 3,000 c.y. selected material;
(20) 4,500 mi. yd. haul, selected material;
(21) 356 tons liquid asph. SC-2 (road-mix surface treatment);
(22) 34,000 sq. yds. mixing and shaping oiled material (road-mix surface treatment);
(23) 36 tons liquid asphalt 90-95 (seal coat);
(24) 426 tons screenings (seal coat);
(25) 1,334 l.f. laminated timber guard rail;
(26) 88 each monuments.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

CONTRACT AWARDED

YAKIMA COUNTY, Wash. — Lucich & Co., 3001 21st St., Seattle, at $40,780.80 awarded contract by the Bureau of Public Roads, Portland, for 1.89 mi. grading on the Randle-Yakima East Side Highway, National Forest Highway Project, 13-R, located within the Snoqualmie National Forest, Yakima County, Wash.

BIDS WANTED

TEHAMA CO., Calif. — Until Nov. 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for 14.8 miles of roadbed widening and constructing widening strips consisting of plant-mixed surfacing (medium curing type) on untreated crushed gravel or stone base, in Tehama County, between southerly boundary and 3 miles north of Los Molinos.

The work involves:
(1) Clearing and grubbing right of way;
(2) 2,500 M. gals. water;
(3) 59,000 c.y. rdwy. excav., unclass.
(4) 4,200 c.y. imported borrow;
(5) 200 c.y. ditch and channel excav.;
(6) 370,000 sta. yds. overhaul;
(7) 2,200 c.y. struc. excav.;
(8) 767 sta. finishing rdwy.;
(9) 22,300 tons untreated crushed gravel or stone base;
(10) 12,490 tons mineral agg. (plant-mixed surfacing);
(11) 565 tons liquid asphalt MC-5 or MC - extra heavy (plant - mixed surfacing);
(12) 68 tons liquid asph. MC-2 (prime coat);
(13) 18,300 sq. yds. asph. paint binder;
(14) 58 tons liquid asphalt MC-3 (seal coat);
(15) 540 tons coarse sand (seal coat);
(16) 640 c.y. Class A Portland cement concrete (struc.);
(17) 64,500 lbs. bar reinf. steel (struc.)
(18) 26,500 lbs. steel I-beams;
(19) 165 c.y. existing concrete removed and disposed of;
(20) 30 each existing culvert headwalls removed and reset;
(21) 1,378 l.f. 12-in. CMP;
(22) 182 l.f. 18-in. CMP;
(23) 68 l.f. 24-in. CMP;
(24) 68 l.f. 30-in. CMP;
(25) 30 l.f. 36-in. CMP;
(26) 46 l.f. 18-in. CMP (siphon);
(27) 104 l.f. 24-in. CMP (siphon);
(28) 188 l.f. existing CMP removed, cleaned and relaid;
(29) 42 l.f. 12-in. stand. reinf .conc. pipe;
(30) 12 l.f. 18-in. do;
(31) 116 l.f. 30-in. do;
(32) 110 l.f. 36-in. do;
(33) 594 l.f. laminated guard railing;
(34) 162 each culvert markers;
(35) 88 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding. •

BIDS WANTED

FRESNO COUNTY, Cal.—Until November 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.6 miles grading in Fresno County, bet. the junction with Route 41 and 1½ miles west.

The work involves:
(1) 17,500 cu. yds. roadway excav., unclass.;
(2) 16,500 sta. yds. overhaul;
(3) 400 cu. yds. struc. excav.;
(4) 83 stations finishing roadway;
(5) 170 cu. yds. dry rubble;
(6) 32 lin. ft. 8-in. CMP;
(7) 44 lin. ft. 12-in. CMP;
(8) 8 lin. ft. 15-in. CMP;
(9) 110 lin. ft. exist. CMP removed, cleaned and relaid.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno. •

LOS ANGELES CO.—3.5 mi. Grade & Pave—(STATE)

LOS ANGELES COUNTY, Calif.—C. O. Sparks, 2309 E. Ninth, Los Angeles, at $116,866, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, Oct. 31, for 3.5 miles grading and paving with Portland cement concrete in Los Angeles County, on Rosemead Blvd., between San Gabriel Blvd. and Ramona Blvd.

The work involves:
(1) 186 stations clear and grub right-of-way;
(2) 1735 M gals. water;
(3) 180 cu. yds. removing concrete;
(4) 27,000 cu. yds. rdwy. excav. unclass.;
(5) 578,000 sta. yds. overhaul;
(6) 2400 cu. yds. struc. excav.;
(7) 850 cu. yds. ditch excav.;
(8) 50,500 cu. yds. imported borrow;
(9) 39,000 sq. yds. blending subgrade material;
(10) 85 tons liquid asphalt 90-95 (road bed seal coat);
(11) 43,400 sq. yds. preparing subgrade;
(12) 186 stations finishing rdwy.;
(13) 2 tons liquid asphalt MC-2 (prime coat);
(14) 320 tons mineral aggregate (plant mixed surfacing);
(15) 17 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(16) 8670 cu. yds. Class A Portland cement concrete (pavement);
(17) 87,000 lbs. bar reinforcing steel (pavement and strucs.);
(18) 11,800 each pavement dowels;
(19) 600 cu. yds. Class A Portland cement concrete (strucs.);
(20) 19,000 lbs. misc. iron and steel
(21) 8500 lbs. railroad rail assemblies
(22) 100 lin. ft. 8-in. CMP;
(23) 310 lin. ft. 18-in. CMP;
(24) 90 lin. ft. 24-in. CMP;
(25) 360 lin. ft. 30-in. CMP;
(26) 40 lin. ft. 42-in. CMP;
(27) 140 lin. ft. clean and salvage exist. CMP culverts;
(28) 50 cu. yds. Class A Port. cem concrete (curbs and gutters);
(29) 100 lin. ft. curb armor;
(30) 34 each culvert markers complete in place;
(31) 56 each timber guide posts complete in place;
(32) 600 lin. ft. double type bank protection fence;
33) 2 each temporary pavement crossing devices.

Total bids follow:

(A) C. O. Sparks, Los Angeles, $116,866.
(B) Oswald Bros., Los Angeles, $119,455.50.
(C) Matich Bros., Elsinore, $119,952.50.
(D) J. L. McClain, Los Angeles, $127,366.
(E) Gogo & Rados, Los Angeles, $127,866.
(F) Basich Bros., Torrance, $136,627.50.
(G) J. E. Haddock, Ltd., Pasadena $138,267.
(H) Geo Herz. & Co., San Bernardino $144,316.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.00	$12.00	$ 6.25	$ 7.00	$10.00	$ 5.00	$15.00	$11.00
(2)	1.00	.60	1.17	.50	.50	.80	.90	1.20
(3)	2.00	2.00	2.25	1.25	1.50	4.00	2.50	3.00
(4)	.24	.30	.175	.36	.40	.25	.45	.30
(5)	.007	.003	.006	.004	.005	.01	.005	.004
(6)	1.20	.90	.70	1.00	.50	.50	1.50	1.25
(7)	.25	.30	.60	.60	.50	.30	1.00	1.00
(8)	.32	.35	.29	.42	.45	.36	.30	.55
(9)	.04	.035	.03	.12	.10	.08	.12	.05
(10)	17.00	19.00	16.08	20.00	18.00	18.00	18.50	21.00
(11)	.10	.10	.09	.10	.07	.08	.10	.10
(12)	3.00	3.00	5.75	4.00	8.00	10.00	5.00	5.00
(13)	25.00	36.00	25.00	25.00	25.00	24.00	40.00	40.00
(14)	3.00	2.50	3.15	2.50	2.70	2.50	2.45	3.00
(15)	14.00	14.00	15.45	18.00	20.00	15.50	21.00	16.00
(16)	5.75	6.00	6.68	5.85	5.90	7.40	6.80	6.40
(17)	.045	.053	.054	.05	.05	.05	.055	.06
(18)	.12	.10	.10	.10	.10	.12	.12	.11
(19)	17.00	16.00	15.05	16.00	15.00	15.50	18.50	20.00
(20)	.14	.12	.11	.13	.11	.14	.125	.12
(21)	.05	.05	.05	.08	.05	.05	.05	.05
(22)	.90	.90	1.20	1.00	.80	1.00	1.00	1.10
(23)	1.60	1.55	1.75	2.00	1.40	1.55	1.85	1.90
(24)	2.40	2.30	2.45	3.00	2.30	2.55	2.75	2.70
(25)	2.90	2.90	2.95	4.00	3.00	3.10	3.25	3.40
(26)	5.00	5.40	5.00	6.00	5.00	5.70	6.00	6.00
(27)	.60	.60	.60	1.00	1.00	.50	.60	.70
(28)	12.00	10.50	11.15	10.00	10.00	16.00	10.00	14.00
(29)	.90	.75	.65	1.00	.70	1.00	.75	1.00
(30)	3.00	2.00	2.00	2.00	300	2.00	3.00	3.00
(31)	3.00	2.00	2.00	2.00	3.00	2.00	2.50	3.00
(32)	3.50	4.20	4.70	4.00	4.50	4.00	4.00	3.00
(33)	25.00	100.00	60.00	35.00	300.00	50.00	40.00	150.00

Orange County—Bridge and Grade Separation—(State)

ORANGE COUNTY, Calif. — Mundo Engineering Co., 2305 E. 9th St., Los Angeles, at $154,922.38, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, October 31, for the construction of a bridge and grade separation structure and about 0.8 mile grading and paving with asphalt concrete and Portland cement concrete at Newport Beach, Orange County.

The work involves:
(1) 54 stations clearing and grubbing right-of-way;
(2) 2000 M gals. water;
(3) 84,100 cu. yds. rdwy. excavation unclass.;
(4) 130,000 stations yds. overhaul;
(5) 4600 cu. yds. struc. excav.;
(6) 14,100 sq. yds. blending subgrade
(7) 18,000 sq. yds. subgrade preparation;
(8) 51 stations finishing roadway;
(9) 10 tons liquid asphalt SC-2 (prime coat);
(10) 128 tons liquid asphalt SC-2 (shoulders);
(11) 10,000 sq. yds. preparing, mixing and shaping shoulders;
(12) 10 tons liquid asphalt 90-95 (seal coat);

(13) 130 tons screenings (seal coat);
(14) 3300 sq. yds. asph. paint binder;
(15) 2300 tons asph. conc. (base and leveling course);
(16) 1100 tons asphalt conc. (Type A surface course);
(17) 2280 cu. yds. Class A Port. cem. concrete (pavement);
(18) 3100 each pavement dowels;
(19) 388,000 lbs. bar reinforcing steel (pave., structures and bridges);
(20) 500 cu. yds. Class A Port. cem. concrete (strucs.);
(21) 1940 cu. yds. Class A Port. cem. concrete (bridges);
(22) 76,000 lbs. structural steel;
(23) 600 lbs. cast steel;
(24) 1270 lin. ft. furnishing treated Douglas Fir piles, including test piles;
(25) 2734 lin. ft. furnishing untreated Douglas Fir piles, includ. test piles;
(26) 150 each driving Douglas Fir piles, including test piles;
(27) 2388 lin. ft. furnishing reinforced concrete piles, including test piles;
(28) 64 each driving reinf. conc. piles, including test piles;
(29) 350 lin. ft. 18-in. standard centrifugal reinf. conc. pipe;
(30) 1110 lin. ft. 24-in. stand. centrif. reinf. concrete pipe;
(31) 210 lin. ft. 30-in. do;
(32) 26 lin. ft. 8-in. CMP;
(33) 60 lin. ft. 12-in. CMP;
(34) 1 only spillway assembly complete in place;
(35) 300 cu. yds. Class A Port. cem. conc. (curbs, gutters and sidewalks);
(36) 220 lin. ft. curb armor;
(37) 4700 lbs. misc. iron and steel;
(38) 40 lin. ft. laminated guard rail;
(39) 6 each culvert markers;
(40) 36 each guide posts;
(41) 100 lin. ft. pipe handrail;
(42) 60 lin. ft. bank protection fence;
(43) 280 cu. yds. exist. conc. removed and disposed of;
(44) 1 only exist. traffic signal moved and reset;
(45) 1 only exist. highway bridge removed and disposed of;
(46) 1 only exist. railroad trestle removed and disposed of;
(47) 1 only exist railroad bridge removed and disposed of;
(48) 6 each remove and store existing electroliers;
(49) 32 each lighting standards;
(50) 4400 lin. ft. 1-in conduit with copper wire;
(51) 1 lot misc. items of work.

Total bids follow:

(A) Mundo Engineering Co., Los Angeles, $154,922.38.
(B) Sharp and Fellows Contracting Co., Los Angeles, $173,459.74.
(C) Oscar Oberg, Los Angeles, $176,-688.80.
(D) M. B. McGowan, San Francisco, $177,686.00.
(E) J. E. Haddock, Ltd., Pasadena, $181,717.54.
(F) R. R. Bishop, Long Beach, $188,-340.90.
(G) Griffith Co., Los Angeles, $199,-363.80.
(H) Daley Corp., San Diego, $208,-068.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 3.00	$ 5.00	$ 4.00	$ 12.00	$ 10.00	$ 5.50	$ 4.00	$ 10.00
(2)	.60	.75	.53	.60	.75	.70	1.25	.75
(3)	.24	.245	.29	.32	.26	.35	.32	.41
(4)	.007	.005	.003	.01	.01	.005	.01	.01
(5)	.80	.90	1.20	.85	2.25	2.00	1.00	.80
(6)	.05	.065	.06	.06	.10	.04	.06	.125
(7)	.10	.12	.11	.11	.12	.085	.10	.12
(8)	5.00	5.00	3.50	7.50	10.00	2.10	5.00	5.00
(9)	20.00	13.00	12.50	8.00	15.00	14.00	10.00	10.00
(10)	10.00	9.20	12.50	8.00	10.00	10.50	10.00	10.00
(11)	.05	.06	.08	.06	.10	.065	.06	.07
(12)	20.00	18.70	19.00	20.00	20.00	19.00	25.00	19.00
(13)	3.00	2.35	2.50	2.40	3.00	2.10	2.00	2.50
(14)	.03	.05	.03	.02	.02	.03	.03	.03
(15)	3.60	3.70	3.82	3.60	4.00	4.30	3.50	4.00
(16)	3.85	3.85	4.08	3.85	4.30	4.40	3.70	4.00
(17)	6.00	8.90	7.27	7.00	8.00	8.40	7.00	9.75
(18)	.15	.12	.10	.10	.13	.13	.10	.15
(19)	.045	.0395	.04	.045	.044	.04	.05	.0475
(20)	16.00	16.00	12.00	15.00	16.00	18.75	20.00	18.50
(21)	15.70	18.65	17.90	15.00	19.60	18.75	17.38	25.50
(22)	.066	.06	.06	.065	.064	.067	.08	.065
(23)	.20	.24	.17	.16	.18	.23	.40	.25
(24)	.60	.55	.40	.60	.54	.65	.60	.50
(25)	.27	.26	.20	.25	.29	.25	.30	.25
(26)	10.00	12.00	7.00	20.00	14.00	9.00	10.00	15.00
(27)	1.50	1.55	1.60	1.25	1.70	1.50	5.00	2.60
(28)	35.00	57.00	51.00	40.00	25.00	45.00	80.00	45.00
(29)	2.20	2.20	2.15	3.00	2.65	2.75	3.00	2.15
(30)	3.00	3.00	2.85	3.60	3.30	2.90	4.00	2.75
(31)	4.00	4.50	4.15	4.50	4.65	4.50	6.00	4.25
(32)	1.00	1.15	1.50	1.00	1.00	1.00	1.00	.80
(33)	1.30	1.40	1.65	1.25	1.25	1.50	2.00	1.00
(34)	20.00	17.00	15.00	10.00	15.00	20.00	20.00	15.00
(35)	13.00	16.00	16.40	11.25	11.50	10.50	14.00	16.00
(36)	.90	.80	.80	.75	.75	.80	1.00	.90
(37)	.15	.125	.11	.10	.12	.11	.12	.12
(38)	1.00	1.50	1.00	2.00	1.00	1.50	2.00	1.25
(39)	3.00	2.00	2.50	1.00	3.00	1.50	2.50	3.00
(40)	3.00	3.25	2.50	1.00	2.50	3.00	2.00	2.50
(41)	1.50	2.65	2.80	2.00	3.00	2.70	2.50	2.50
(42)	4.00	3.55	4.00	4.00	4.00	5.00	5.00	4.00
(43)	2.00	2.25	1.40	5.00	4.00	3.50	3.00	2.75
(44)	100.00	115.00	20.00	200.00	27.00	100.00	200.00	1.00
(45)	1000.00	4250.00	1500.00	1000.00	1700.00	1475.00	1500.00	800.00
(46)	850.00	1725.00	48.00	1000.00	750.00	1200.00	5000.00	2000.00
(47)	3100.00	1675.00	7100.00	8000.00	3500.00	4500.00	4000.00	1200.00
(48)	8.00	21.00	12.00	50.00	10.00	10.00	10.00	10.00
(49)	140.00	144.00	125.00	125.00	154.00	150.00	120.00	135.00
(50)	.40	.49	.40	.50	.40	.16	.35	.40
(51)	500.00	1000.00	2450.00	$29.80	500.00	3000.00	3000.00	500.00

BIDS WANTED

TUOLUMNE COUNTY, Cal.—Until November 27, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.4 miles grading and surfacing with road mix surfacing on untreated crushed gravel or stone base in Tuolumne Co., between Sullivan Creek and 3½ miles easterly.

The work involves:

(1) 70 stations clearing and grubbing right of way;
(2) 1,150 M. gals. water;
(3) 70,500 c.y. rdwy. excav., unclass.
(4) 74,000 sta. yds. overhaul;
(5) 2,600 c.y. ditch and channel excavation;
(6) 1,450 c.y. struc. excav.;
(7) 179 sta. finishing rdwy.;
(8) 550 c.y. salvaged surfacing;
(9) 10,900 tons untreated crushed gravel or stone base;
(10) 5,700 tons mineral aggreg'te (road mix surfacing);
(11) 52 tons liquid asphalt SC-2 (prime coat and detour);
(12) 240 tons liquid asph. SC-4 (road mix surfacing);
(13) 33 tons liquid asphalt MC-3 (seal coat);
(14) 250 tons sand (seal coat);
(15) 34 c.y. Class A Portland cement concrete (struc.);
(16) 2,500 lbs. bar reinf. steel (struc.);
(17) 145 c.y. existing pavement removed and disposed of;
(18) 120 c.y. rubble masonry;
(19) 168 l.f. 8-in. CMP;
(20) 988 l.f. 18-in. CMP;
(21) 366 l.f. 24-in. CMP;
(22) 344 l.f. 36-in. CMP;
(23) 84 l.f. 48-in. CMP;
(24) 132 l.f. 60-in. CMP;
(25) 370 l.f. 8-in. perf. metal pipe (underdrains);
(26) 90 c.y. rock filling material (do);
(27) 41 l.f. existing CMP removed and salvaged;
(28) 32 l.f. existing CMP removed and relaid;
(29) 1 each spillway assembly;
(30) 82 l.f. 90-in. multi plate CMP;
(31) 6.5 miles new property fences;
(32) 0.2 mile existing fences moved and reset;
(33) 35 each drive gates;
(34) 78 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—C. O. Sparks, 2309 E. Ninth, Los Angeles at $116,866 awarded contract by the State Highway Commission, Sacramento, for 3.5 miles grading and paving with Portland cement concrete in Los Angeles County, on Rosemead Blvd. between San Gabriel Blvd. and Ramona Blvd.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Parish Bros., 1222 N. Gower Street, Hollywood, at $6,884 awarded contract by the State Highway Commission at Sacramento for construction of a reinforced concrete stairway to the existing pedestrian overhead, in the city of Santa Monica on the Palisades Beach Road, about 0.5 mile northwest of Colorado Avenue.

CONTRACT AWARDED

SAN DIEGO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $30,430 awarded contract by the State Highway Commission, Sacramento, for about 0.7 mile grading in San Diego County at Santa Margarita River.

LOS ANGELES and Kern Counties, Calif. — Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $342,-975.25 submitted low bid to the State Highway Commission, Sacramento, for about 5.5 miles grading, paving with Portland cement concrete and constructing a reinforced concrete bridge in Los Angeles and Kern counties between one-fourth mile south of the Kern County line and Fort Tejon.

The work involves:

(1) Clearing and grubbing right of way.
(2) 9300 M gals. water.
(3) 198,000 cu. yds. roadway excav. unclass.
(4) 6250 cu. yds. struc. excav.
(5) 1250 cu. yds. ditch excav.
(6) 160 stations grader ditch.
(7) 53,400 cu. yds. imported borrow.
(8) 4,426,000 station yds. overhaul.
(9) 13,500 cu. yds. removing top soil.
(10) 97,000 sq. yds. preparing subgrade.
(11) 300 stations finishing rdwy.
(12) 4400 tons mineral aggregate roadmix surfacing).
(13) 17 tons liquid asphalt SC-2 (prime coat).
(14) 815 tons liquid asphalt SC-4 roadmix surfacing and shoulder treatment).
(15) 65,000 sq. yds. preparing, mixing and shaping shoulders, ditches and dikes.
(16) 19,025 cu. yds. class B Portland cement conc. (pavement).
(17) 222,500 lbs. bar reinf. steel (pavement and structures).
(18) 39,450 eash pavement dowels.
(19) 1135 cu. yds. class A Portland cement conc. (structures).
(20) 775 lbs. bronze expansion plates.
(21) 60 cu. yds. light riprap.
(22) 95 cu. yds. class B Portland cem. conc. (slope paving).
(23) 970 lin. ft. 8 in. C M P.
(24) 128 lin. ft. 12 in. C M P.
(25) 2542 lin. ft. 24 in. C M P.
(26) 540 lin. ft. 24 in. C M P, 12 gauge.
(27) 494 lin. ft. 30 in. C M P.
(28) 86 lin. ft. 30 in. C M P, 12 gauge.
(29) 82 lin. ft. 36 in. C M P.
(30) 300 lin. ft. 72 in. C M P.
(31) 1582 lin. ft. 8 in. perf. metal pipe underdrains.
(32) 300 cu. yds. rock filling material.
(33) 115 each embankment protectors.
(34) 900 lin. ft. laminated guard railing.
(35) 312 lin. ft. timber railing bridges.
(36) 550 each guide posts.
(37) 60 each culvert markers.
(38) 3.5 miles standard property fences.
(39) 6.5 miles type A property fences.
(40) 30 each drive gates.
(41) 1.8 miles property fences removed and disposed of.
(42) 75 each monuments.
(43) 360 cu. yds. conc. pavement and structures removed and disposed of.
(44) 1 each cast steel frame and grate for drop inlet.
(45) 5 sections type A-20 pavement crossing devices.
(46) 6 sections type B-10 pavement crossing devices.
(47) 25 tons cut back asphalt slope treatment.
(48) 1 lot misc. items of work.

Total bids follow:

(A) Griffith Co., Los Angeles, $342,-975.25.
(B) Granfield - Farrar & Carlin, San Francisco, and N. M. Ball Sons Co., Berkeley, $368,451.20.
(C) Southern California Roads Co., Los Angeles, $380,580.50.
(D) Gibbons and Reed Co., Burbank, $382,264.50.
(E) Basich Bros., Torrance, $396,577.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$8000.00	$3000.00	$5000.00	$4000.00	$10000.00
(2)	.60	1.00	1.00	.90	1.00
(3)	.22	.28	.25	.30	.24
(4)	.75	1.10	.85	1.00	1.25
(5)	.75	1.10	.75	.27	.30
(6)	1.00	6.00	.90	2.00	10.00
(7)	.45	.50	.42	.45	.40
(8)	.003	.003	.005	.004	.004
(9)	.20	.35	.15	.35	.25
(10)	.09	.09	.09	.10	.09
(11)	7.00	7.00	10.00	5.00	10.00
(12)	1.60	2.55	2.00	2.00	3.00
(13)	12.00	12.00	11.00	12.00	20.00
(14)	14.00	14.50	15.00	15.60	22.00
(15)	.06	.08	.06	.05	.06
(16)	6.96	7.30	8.05	7.75	8.50
(17)	.05	.05	.05	.052	.05
(18)	.12	.11	.11	.13	.10
(19)	22.00	17.00	20.00	24.00	17.00
(20)	.25	.30	.21	.33	.12
(21)	3.50	2.50	4.00	4.00	5.00
(22)	14.00	10.00	20.00	12.00	16.00
(23)	1.00	1.15	.90	1.00	1.40
(24)	1.50	1.50	1.30	1.20	1.80
(25)	3.00	2.75	2.50	2.40	2.50
(26)	3.00	3.35	3.00	3.00	2.75
(27)	3.00	4.00	3.20	3.15	3.00
(28)	4.00	4.15	3.70	3.90	3.25
(29)	5.00	5.25	6.00	5.00	3.50
(30)	12.00	14.00	13.00	13.50	10.00
(31)	1.00	.90	1.10	.80	1.50
(32)	3.00	2.00	4.00	2.00	2.00
(33)	12.00	15.00	15.00	12.00	13.00
(34)	1.25	1.00	1.10	.90	1.25
(35)	1.50	1.50	2.00	1.50	1.30
(36)	1.50	2.00	2.10	1.25	2.50
(37)	1.50	2.00	2.00	1.25	2.00
(38)	400.00	450.00	500.00	400.00	400.00
(39)	500.00	600.00	650.00	450.00	600.00
(40)	15.00	20.00	20.00	15.00	15.00
(41)	100.00	100.00	70.00	100.00	300.00
(42)	2.50	3.00	3.50	2.50	3.00
(43)	1.50	1.50	3.00	2.80	4.50
(44)	30.00	50.00	40.00	36.00	50.00
(45)	75.00	75.00	100.00	90.00	60.00
(46)	30.00	100.00	50.00	30.00	50.00
(47)	35.00	24.00	40.00	25.00	25.00
(48)	1600.00	500.00	600.00	100.00	1000.00

BIDS OPENED

EL CERRITO, Contra Costa Co., Cal.—Independent Const. Co., Ltd., ft. of 47th Ave., Oakland, at $4299.68 on Proposal A, and Peres & Gatto, 2500 Rheem Ave., Richmond, at $4340.03 on Proposal B, submitted low bids to the El Cerrito City Council, Fred J. Prosser, City Clerk, for the improvement of Cutting Blvd. in the City of El Cerrito to the westerly line of San Pablo Avenue.

The work involves:

(1) 262.11 c. y. excav, unclassified;
(2) 96.39 c. y. fill, in place;
(3) 351.13 tons crusher run base, in place;
(4) 837.3 gals. paint coat in place;
(5a) 264 tons natural rock asphalt, in place;
(5b) 369 tons asphalt concrete, in place;
(6) 784 l. f. concrete curb, in place;
(7) 2,485 sq. ft. concrete gutter and driveways, in place;
(8) 86 l. f. excav: remove 18 in. pipe, install 21 in. C M P and backill;
(9) 102 l. f. excav: remove 16 in. pipe, install 24 in. C M P and backfill;
(10) 40 l. f. excav: remove 16 in. pipe and back fill;
(11) 40 l. f. excav: install 24 in. C M P and backfill;
(12) 84 l. f. excavate: lay 16 in. C I P and back fill;
(13) 32 l. f. Redwood headers;
(14) 5 assemblies: excavate: install catch basins complete, and back fill, including deepening; lump sum.

NOTE: Items (5a) and (5b) are alternative.

Total bids follow:

(A) Independent Const. Co., Ltd., Oakland: Proposal A, $4,299.68; Proposal B, $4,496.78.
(B) Peres & Gatto, Richmond: Proposal B, $4,340.03.
(C) Albany Cement Contractors, Inc., Berkeley: Proposal A, $4,377.45.
(D) Percy L. Burr, San Francisco: Proposal A, $4,526.95.
(E) W. H. Larson, Berkeley: Proposal A, $4,649.15.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .50	$ .50	$ 1.50	$ 1.00	$ .60
(2)	.10	.10	1.50	.50	.10
(3)	1.50	1.80	1.25	1.60	1.50
(4)	.12	.11	.10	.10	.10
(5a)	5.00	.....	3.60	5.25	.....
(5b)	3.90	3.50	.....	.....	4.20
(6)	.50	.40	.50	.30	.36
(7)	.22	.22	.25	.20	.24
(8)	2.60	3.00	3.00	3.25	3.00
(9)	3.25	3.50	3.50	3.50	3.50
(10)	.50	.50	1.00	.30	.40
(11)	4.50	4.55	5.00	4.50	5.00
(12)	1.25	1.50	1.00	2.25	2.00
(13)	.25	.20	.20	.20	.20
(14)	400.00	300.00	400.00	425.00	350.00

Harry D. Chapman, City Engineer.

All bids referred to the State Highway Commission at Sacramento for award.

BIDS WANTED

OAKLAND, Cal.—Until Nov. 21, between 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall for the repair of Adeline St. between Aileen St. and Stanford Ave.

The work involves:

(1) 81,758 sq. ft. grading, including 4-in. rock subbase;
(2) 73 l.f. concrete curb;
(3) 6,779 sq. ft.: concrete gutter;
(4) 74,930 sq. ft. penetration macadam pavement;
(5) 2 storm water inlets, 34-in. opening;
(6) 4 cast iron inlet tops, 34-in. opening.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad upon deposit of $5.00.

CHURCHILL COUNTY, Nev.—11.69 Mi. Highway—(State)

CHURCHILL COUNTY, Nevada—Dodge Construction, Inc., Fallon, at $123,532.56, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, October 30, for the construction of a portion of the State Highway system in Churchill County, Route 2, Sections C2 and C1, between Salt Wells and Sand Springs, a length of approximately 11.69 miles.

The work involves:

(1) 1 each, remove wooden culvert;
(2) 47 lin. ft. remove timber excav;
(3) 118 cu. yds. remove concrete;
(4) 313,620 cu. yds. roadway excav;
(5) 53,759 yd. sta. overhaul;
(6) 83,966 cu. yds. select borrow;
(7) 365 cu. yds. structure excav;
(8) 2.85 mi. subgrade;
(9) 8.84 mi. widen surface;
(10) 11.69 mi. finish roadway;
(11) 11,720 tons cr. gravel or stone surface;
(12) 20 .M ft. b.m. redwood;
(13) 160 cu. yds. culvert backfill;
(14) 45 lin. ft. 18 in. vitrified pipe;
(15) 164 lin. ft. 3 x 2 ft. laminated culvert;
(16) 230 lin. ft. 3 x 3 ft. laminated culvert;
(17) 118 lin. ft. 4 x 2 ft. laminated culvert;
(18) 102 lin. ft. 4 x 3 ft. laminated culvert;
(19) 56 lin. ft. 6 x 3 ft. laminated culvert;
(20) 54 lin. ft. 6 x 6 ft. laminated culvert;
(21) 40 cu. yds. handla'd riprap.
(22) 75 each monuments;
(23) 3 each cartesian well stand pipes;
(24) 2.85 each salvage and relay surface;
(25) 335 tons asph. road material type SC-2;
(26) 65 tons asph. road material type MC-2.

Total bids follow:

(A) Dodge Construction, Inc., Fallon, $123,532.56.
(B) Isbell Constr. Co., Reno, $126,450.74.
(C) Jack Casson, Hayward, $128,244.13.
(D) Fredrickson & Watson Constr. Co., Fredrickson Bros., and Jones & King, Oakland, $130,163.58.
(E) Pacific Constr. Co., San Francisco, $133,897.34.
(F) Peninsula Paving Co., San Francisco, $140,067.88.
(G) George Pollock Co., Sacramento, $176,759.32.
(H) Engineer's Estimate, $127,344.78.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 10.00	$ 5.00	$ 5.00	$ 30.00	$ 25.00	$ 15.00	$ 25.00	$ 25.00
(2)	1.50	1.00	1.00	1.10	3.00	1.50	2.00	1.00
(3)	6.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
(4)	.18	.19	.19	.19	.22	.20	.33	.20
(5)	.02	.02	.02	.02	.02	.02	.03	.02
(6)	.33	.36	.40	.40	.36	.45	.44	.35
(7)	1.50	1.00	1.50	1.00	1.00	1.50	1.00	1.00
(8)	100.00	100.00	75.00	175.00	200.00	200.00	200.00	200.00
(9)	500.00	650.00	500.00	450.00	500.00	600.00	400.00	500.00
(10)	100.00	100.00	100.00	200.00	200.00	250.00	200.00	100.00
(11)	.70	.60	.70	.60	.50	.80	.67	.55
(12)	120.00	100.00	100.00	100.00	120.00	90.00	100.00	120.00
(13)	3.00	1.00	1.00	.80	1.00	.60	1.50	1.00
(14)	4.00	3.50	3.00	3.80	3.00	4.00	3.00	4.00
(15)	7.00	7.00	5.50	5.50	5.00	6.00	7.00	6.00
(16)	7.75	8.00	6.50	6.50	6.00	7.00	8.00	7.00
(17)	12.00	11.50	9.50	10.00	10.00	12.00	12.00	10.00
(18)	13.00	13.00	11.50	11.50	12.00	15.00	14.00	12.00
(19)	17.00	16.00	15.50	15.00	15.00	20.00	18.00	15.00
(20)	24.00	23.00	22.50	22.00	20.00	25.00	26.00	24.00
(21)	6.00	5.00	5.00	5.00	10.00	5.00	3.00	6.00
(22)	3.00	3.50	3.00	3.00	3.00	2.50	5.00	3.00
(23)	15.00	5.00	5.00	10.00	5.00	15.00	10.00	3.00
(24)	1250.00	650.00	500.00	975.00	600.00	600.00	450.00	1000.00
(25)	18.00	18.00	18.00	20.00	17.00	15.00	16.00	16.50
(26)	24.00	25.00	25.00	28.00	25.00	25.00	22.00	24.00

SAN DIEGO COUNTY—0.7 Mi. Grading—(STATE)

SAN DIEGO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $30,430, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, October 31, for about 0.7 mile grading in San Diego County at Santa Margarita River.

The work involves:

(1) 2700 M gals. water;
(2) 67,500 cu. yds. imported borrow;
(3) 2650 cu. yds. struc. excavation;
(4) 31 stations finishing roadway;
(5) 15 ton liquid asphalt SC-2 (detours);
(6) 3300 tons heavy riprap;
(7) 0.6 mile new property fence;
(8) 2 each drive gates.

Total bids follow:

(A) Basich Bros., Torrance, $30,430.
(B) V. R. Dennis Constr. Co., San Diego, $32,815.
(C) A. S. Vinnell Co., Los Angeles, $33,785.
(D) Geo. J. Bock Co., Los Angeles, $34,505.
(E) Sharp and Fellows Contracting Co., Los Angeles, $35,555.
(F) Daley Corp., San Diego, $39,550.
(G) Dimmitt and Taylor, Los Angeles, $40,937.
(H) R. L. Oakley, Los Angeles, $42,980.
(I) C. G. Willis and Sons, Inc., and Chas. G. Willis, Los Angeles, $49,853.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ .80	$ .75	$ .50	$ .50	$ .50	$ .75	$ .45	$ 1.25	$ 1.00
(2)	.28	.28	.30	.30	.34	.425	.41	.35	.425
(3)	.60	.50	.60	.50	.80	.55	.70	2.00	2.25
(4)	10.00	20.00	10.00	5.00	5.00	5.00	10.00	10.00	8.00
(5)	20.00	30.00	15.00	20.00	22.00	15.00	25.00	15.00	15.00
(6)	2.50	2.75	2.90	3.25	2.50	2.00	2.75	3.00	3.50
(7)	400.00	600.00	800.00	600.00	600.00	600.00	700.00	600.00	700.00
(8)	15.00	36.00	20.00	20.00	20.00	20.00	16.00	30.00	30.00

BIDS WANTED

VENTURA COUNTY—Until November 21, 2 p. m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 4.8 miles grading and paving with asphalt concrete, Portland cement concrete, and plant mixed surfacing, in Ventura County between Newbury Park and Conejo Creek.

The work involves:

(1) 256 stations clearing and grubbing right of way;
(2) 13,000 M gals. water;
(3) 770,000 cu. yds. rdwy. excav; unclass;
(4) 1700 cu. yds. imported selected material;
(5) 3850 cu. yds. struc. excav;
(6) 3200 cu. yds. ditch and channel excav;
(7) 5,300,000 station yds. overhaul;
(8) 70 tons liquid asphalt 90-95 (subgrade seal coat);
(9) 20 tons special asphaltic emulsion (subgrade stabilization);
(10) 1600 sq. yds. preparing, mixing, and shaping roadbed (subgrade; stabilization, station 56 plus 50 to station 66 plus 50);
(11) 37,000 sq. yds. subgrade for pavement;
(12) 256 stations finishing rdwy.;
(13) 7500 tons mineral aggregate (plant mixed surfacing);
(14) 400 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing;
(15) 50 tons liquid asphalt MC-2 (prime coat)
(16) 35 tons liquid asphalt MC-3 (seal coat);
(17) 38,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 40 tons liquid asphalt SC2- (prime coat);
(19) 460 tons liquid asphalt SC-2 (shoulders);
(20) 40 tons liquid asphalt 90-95 (seal coat;
(21) 1050 tons screenings (seal coat);
(22) 4800 sq. yds. asphaltic paint binder;
(23) 1720 tons asphalt concrete (base and leveling course);
(24) 900 tons asphalt concrete (Type A surface);
(25) 6660 cu. yds. Class A Portland cement concrete (pavement);
(26) 13,500 each pavement dowels;
(27) 63,800 lbs. bar reinf. steel (pavement and strucs.);
(28) 420 cu. yds. Class A Portland cement concrete (strucs.);
(29) 1900 lin. ft. 8-in. CMP;
(30) 3080 lin. ft. 24-in. CMP;
(31) 180 lin. ft. 24-in. CMP, 12-gauge;
(32) 360 lin. ft. 30-in. CMP;
(33) 60 lin. ft. 36-in. CMP;
(34) 240 lin. ft. 36-in. CMP, 10-gauge;
(35) 11 each spillway assemblies;
(36) 28 each C M tapers;
(37) 50 lin. ft. CMP culverts to be cleaned and relaid;
(38) 50 lin. ft. CMP culverts to be cleaned and salvaged;
(39) 110 lin. ft. laminated guard rail;
(40) 90 lin. ft. solid timber wheel guard;
(41) 45 each culvert markers;
(42) 810 each guide posts;
(43) 5.5 miles new property fence;
(44) 2.0 miles property fence to be moved and reset;
(45) 20 each drive gates;
(46) 3100 lbs. misc. iron and steel;
(47) 100 cu. yds. exist. conc. to be removed and disposed of;
(48) 1 only exist. bridge to be removed and disposed of.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

VENTURA COUNTY, Cal. — Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.4 miles grading and applying road-mix surface treatment in Ventura County, between West Casitas Pass and East Casitas Pass.

The work involves:

(1) 126 sta. clearing and grubbing right-of-way;
(2) 1900 M. gals. water;
(3) 138,000 cu. yds. roadway excav. unclass.;
(4) 3600 cu. yds. struc. excav.;
(5) 2300 cu. yds. ditch and channel excavation;
(6) 233,000 sta. yds. overhaul;
(7) 126 sta. finishing roadway;
(8) 28,000 sq. yds. preparing, mixing and shaping roadbed;
(9) 30 tons liquid asphalt SC-2 (prime coat);
(10) 340 tons liquid asphalt SC-2 (surface treatment);
(11) 300 tons screenings armor coat;
(12) 10 tons liquid asphalt 90-95 (armor coat);
(13) 27,000 lbs. bar reinf. steel;
(14) 320 cu. yds. Class A Portland cement concrete (structures);
(15) 1.5 MFBM dense, select, all heart structural Redwood timber;
(16) 13.0 MFBM select, all heart, structural Redwood timber;
(17) 620 lin. ft. 8-in. CMP;
(18) 1600 lin. ft. 24-in. CMP;
(19) 60 lin. ft. 36-in. CMP;
(20) 180 lin. ft. 48-in. CMP;
(21) 23 each spillway assemblies;
(22) 147.5 lin. ft. 75-in. multiplate CMP (47-15);
(23) 132.5 lin. ft. 120-in. multiplate CMP (75-13);
(24) 28 each culvert markers;
(25) 370 each guide posts;
(26) 1.0 mile exist. property fence to be moved and reset;
(27) 1 only exist. arch culvert to be removed;
(28) 64 each monuments complete in place;

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

OAKLAND, Cal.—Until Nov. 21, between 8 and 9 P. M., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, City Hall for the repair of Foothill Blvd. between 14th and 23rd Avenues.

The work involves:

(1) 251,754 sq. ft. grading, including construction of rock subbase;
(2) 6 946 l.f. concrete curb;
(3) 693 sq. ft. concrete gutter;
(4) 211,427 sq. ft. Portland cement concrete pavement;
(5) 26,952 sq. ft. penetration macadam pavement;
(6) 32 tons asphaltic resurfacing;
(7) 2,720 sq. ft. cement sidewalks;
(8) 1,377 sq. ft. concrete driveways;
(9) 190 l.f. 8-in. vitrified pipe sewer;
(10) 232 l.f. 10-in. do;
(11) 177 l.f. 10-in. do;
(12) 435 l.f. 12-in. do;
(13) 54 l.f. 12-in. vit. conduit with concrete jacket;
(14) 784 l.f. 15-in. vitrified pipe conduit;
(15) 626 l.f. 18-in. do;
(16) 12 manholes;
(17) 1 water seal manhole;
(18) 2 lamp holes;
(19) 11 wye branches;
(20) 8 storm inlets, Type B;
(21) 5 catchbasins, Type B;
(22) 2 catchbasins with 21-in. opening.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad upon deposit of $5.00.

CONTRACT AWARDED

PEND OREILLE COUNTY, Wash.—F. H. DeAtley, Salsberg Bldg., Lewiston, Ida., at $154,698 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, surfacing with crushed stone, constructing a light bituminous surface treatment and bituminous retreat surface on about 11.7 miles of State Road No. 6, Rogers Pass to Newport, Pend Oreille County.

The other bids were:

Clifton & Applegate, Spokane, $170,304.

Elliott & Co., Inc., Seattle, $171,432.

BIDS OPENED

DOUGLAS COUNTY, Wash.—Diesel Oil Sales Co., 2155 Northlake St., Seattle, at $44,966 submitted low bid to L. V. Murrow, Director of Highways, Olympia, for surfacing with crushed stone and constructing a bitimunious surface treatment, road mix, and non skid seal on about 6.8 miles of State Road No. 10, Brewster Bridge to Bridgeport, Douglas County.

R. O. Dail and Warren Bros., Aberdeen, at $48,311 submitted second low bid; and Orondo Constr. Co., Orondo, at $53,082 submitted third low bid.

SAN FRANCISCO—12-in. & 16-in. Feeder Mains—(CITY)

SAN FRANCISCO, Calif. — M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $46,572.50 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 91, for the laying of 12-in. and 16-in. cast iron feeder mains in San Francisco at various locations.

The work involves:

(1a) 21,775 l. f. excavation and backfill for 12 in. pipe trench, 24in. x 44in;
(1b) 9,000 l. f. do. for 16 in. pipe trench, 30 in. x 48 in.
(2) 1,000 c. y. additional excavation and backfill;
(3) 2,000 sq. ft. additional pavement removal and replacement;
(4a) 21,775 l. f. installing 12 in. bell and spigot C. I. P.;
(4b) 9,000 l. f. installing 16 in bell and spigot C. I. P.;
(5) 62,000 lbs. installing fittings, etc.;
(6) 8,700 l. f. making joints, bell and spigot;
(7) 72,000 sq. ft. repavement.

Total blds follow:

(A) M. J. Lynch, $46,572.50;
(B) W. J. Toblin, Oakland, $48,747.00;
(C) Lowrie Paving Co., $49,922.25;
(D) MacDonald & Kahn Co., Ltd., $52,146.00;
(E) E. J. Treacy, $55,620.47;
(F) Herman Lawson, $56,193.75;
(G) Fay Improvement Co., $60,665.15.

All bidders of San Francisco unless otherwise noted.

Unit bids follows:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1a)	$0.50	$0.60	$0.64	$0.80	$0.90	$0.86	$0.95
(1b)	.60	.90	.70	1.00	.851	1.15	.95
(2)	1.00	1.35	.50	1.00	1.00	1.00	1.50
(3)	.35	.30	.30	.30	.30	.36	.30
(4a)	.20	.12	.15	.24	.209	.23	.245
(4b)	.30	.25	.22	.25	.279	.28	.245
(5)	.01	.03	.03	.015	.02	.02	.018
(6)	.50	.27	.40	.40	.26	.27	.39
(7)	.23	.23	.25	.17	.225	.20	.24

All bids referred to the City Engineer and the PWA.

SAN FRANCISCO—17th St. Feeder Mains—(CITY)

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., San Francisco, at $13,921 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. S.F.W.D. 93, for laying a 36-in. feder main on 17th St. from Bryan St. to Portero Ave.

The work involves:

(1) 900 l. f. fabricating, lining and coating 36-inch diameter steel pipe with single standard wrapping;
(2) 10 roundabout seams, fabrication of bends from 36-inch diameter pipe;
(3) 900 l. f. excavation and backfill for normal trench not over 6 feet below street surface, for 36-inch pipe;
(4) 200 c. y. additional excavation and backfill for trench from street surface to 8 feet below street surface;
(5) 100 c. y. additional and backfill for trench over 8 feet below street surface;
(6) 50 c. y. excavation and backfill for blow offs;
(7) 500 sq. ft. additional pavement removal and replacement;
(8) 900 l. f. installing 36-inch steel pipe;
(9) 1000 pounds installing fittings;
(10) 4000 sq. ft. repavement with asphaltic concrete.

Total bids follow:

(A) Sibley Grading & Teaming Co., Ltd. $13,821.00
(B) M. J. Lynch 14,935.00
(C) Eaton & Smith 15,115.00
(D) Theo. Cohn 15,975.00
(E) E. J. Treacy 16,175.00
(F) Chas. L. Harney 16,490.50
(G) MacDonald & Kahn Co., Ltd. 18,030.00

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$6.75	$6.50	$7.00	$6.50	$6.50	$6.695	$7.00
(2)	25.00	25.00	25.00	35.00	40.00	25.00	25.00
(3)	4.60	4.20	4.10	4.85	5.00	4.75	6.50
( )	3.50	5.00	8.00	6.00	5.00	7.00	7.00
(5)	5.00	10.00	10.00	8.00	8.00	11.00	9.00
(6)	3.50	5.00	1.00	6.00	5.00	2.00	5.00
(7)	.30	.35	.25	.35	.35	.35	.40
(8)	.99	1.50	1.25	1.85	2.50	2.25	2.00
(9)	.80	.48	.05	.15	.05	.15	.20
(10)	.24	.30	.25	.28	.225	.25	.22

All bids referred to the to the City Engineer and the PWA.

COMPLETE BID LISTING

WASHOE COUNTY, Nevada—Isbell Construction Co., 1300 E Fourth St., Reno, at $116,700.80, as reviously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, Oct. 30, for the construction of a portion of the State Highway System in Washoe County, Route 17, Section A3, bet. a point approximately 5 miles southeast of Brown and a point approximately 0.6 miles southeast of Brown (Geiger Grade), a length of approximately 4.45 miles.

The work involves:

(1) 131,700 cu. yds. roadway excav;
(2) 137,909 yd. Sta. overhaul;
(3) 140 cu. yds. structural excav;
(4) 4.45 mi. finished roadway;
(5) 95 cu. yds. class A concrete;
(6) 8 cu. yds. class B concrete;
(7) 10,350 lbs. reinf. steel;
(8) 108 lin. ft. 18 in. corr. metal pipe,
(9) 46 lin. ft. 24 in. corr. metal pipe;
(10) 38 lin. ft. 30 in. corr. metal pipe;
(11) 116 each monuments;
(12) 1200 lbs. castings;
(13) 824 lin. ft. remove fence;
(14) 824 lin. feet reconstruct fence;
(15) 14,606 lin. ft. construct fence;
(16) 4 each, standard 14 ft. steel gates.

Total bids follow:

(A) Isbell Constr. Co., Reno, $116,-700.89.
(B) Utah Constr. Co., Ogden, $117,-285.39.
(C) Pacific Constr. Co., San Francisco, $134,474.48.
(D) Morrison - Knudsen Co., Boise, $157,740.62.
(E) Engineer's Estimate, $123,871.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)....	$ .80	$ .80	$ .92	$ 1.09	$ .85
(2)..	.02	.03	.02	.02	.02
(3)....	2.00	1.50	1.50	3.00	1.25
(4)....	100.00	200.00	450.00	500.00	500.00
(5)....	40.00	28.00	30.00	45.00	30.00
(6)....	40.00	30.00	30.00	45.00	30.00
(7)..	.07	.08	.10	.10	.06
(8)....	2.25	2.00	2.00	3.00	2.50
(9)....	3.00	3.00	3.00	4.00	3.50
(10)....	3.50	4.50	4.00	5.00	4.25
(11)....	4.00	3.00	4.00	4.00	3.00
(12)....	.10	.15	.10	.20	.15
(13)....	.05	.03	.05	.06	.05
(14) ..	.05	.07	.10	.10	.10
(15) ..	.12	.12	.20	.10	.12
(16)..	20.00	18.00	20.00	30.00	15.00

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for placing plant - mixed surfacing on about 5.4 miles in Riverside County between 1.4 miles south of Thermal and the junction with Route 26.

The work involves:

(1) 5.4 miles shoulder grading;
(2) 5.4 miles finishing rdwy.;
(3) 7,500 tons mineral aggreg'te (plant mixed surfacing);
(4) 300 tons liquid asphalt MC-4 or MC-5 (plant mixed surfacing);
(5) 63,400 sq. yds. asph. paint binder.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

CONTRACT AWARDED

STEVENS COUNTY, Wash.—Hallstrom & Hallstrom 949 20th Street, Seattle at $25,969 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, draining and surfacing with crushed stone about 1.9 mile of State Road No. 3, Colville to Palmer Siding, Stevens County.

L. Colucio Co., Seattle, at $26,324 submitted the only other bid.

BIDS WANTED

ORANGE COUNTY, Cal.—Until November 29, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.9 miles grading, surfacing with imported selected material, and a bituminous macadam armor coat applied, in Orange County, on Bolsa Ave., between Bay Blvd. and Bolsa Chica Road.

The work involves.

(1) 155 sta. clearing and grubbing right-of-way;
(2) 584 M. gals water;
(3) 45,000 cu. yds. roadway excavation, unclass.;
(4) 230 cu. yds. struc. excav.;
(5) 1,600,000 sta. yds. overhaul;
(6) 11,500 tons imported selected material;
(7) 155 stations finishing roadway;
(8) 3200 tons mineral aggregate (armor coat);
(9) 100 tons liquid asphalt 95 plus (armor coat);
(10) 11 cu. yds. Class A Portland cement concrete (struct.);
(11) 3.1 MFBM select all heart structural Redwood;
(12) 2.9 MFBM dense, select, all heart structural Redwood;
(13) 300 lbs. bar reinf. steel;
(14) 15 each spillway assemblies;
(15) 170 lin. ft. 8-in. CMP;
(16) 12 lin. ft. 15-in. CMP;
(17) 46 lin. ft. 21-in. CMP;
(18) 54 lin. ft. 36-in. CMP;
(19) 16 lin. ft. 48-in. CMP;
(20) 40 lin. ft. exist. CMP to be removed and relaid;
(21) 8 each culverts markers;
(22) 1.25 miles exist. fence to be moved and reset.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, and in Los Angeles.

LOW BIDDERS

NAVAJO COUNTY, Arizona—E. L. Yenger, Box 17[illegible] Winslow, Calif., at $38,791 submitted the low bid to the Arizona State Highway Commission, Phoenix, Nov. 1, for highway construction on F.A. 20, reopened and F.A. 22, reopened; A.F.E. [illegible] in Winslow.

The work, which lies within the city limits of Winslow, consists of grading, draining and the furnishing and placing of select material, gravel sidewalk, curb and gutter and cutback plant mix, and is to be completed on or before February 15, 1936.

The principal items are:

5000 c.y. rdwy. excav.;
900 c.y. structural excav.;
2000 sta. yds. earthwork overhaul;
7900 c.y. mi. earthwork haul;
2000 c.y. select material (CIP);
189 sq. yds. concrete pavement;
600 l.f. concrete pipe (2 sizes);
4900 l.f. combined curb and gutter;
5900 sq. yds. grading under pavement;
1924 tons plant mix;
93 tons cutback asphalt;
2 tons emulsified asphalt;
4100 l.f. gravel sidewalk.

Southern California Roads Co., Los Angeles, submitted the second low bid at $39,265.

CONTRACT AWARDED

DOUGLAS COUNTY, Wash.—Diesel Oil Sales Co., 2155 Northlake Street, Seattle, at $14,966.50 awarded contract by L. V. Murrow, Director of Highways, Olympia, for surfacing with crushed stone and constructing a bitimunious surface treatment, road-mix and non-skid seal on about 6.8 miles of State Road No. 10, Brewster Bridge to Bridgeport, Douglas County.

29

ALAMEDA CO.—ALBANY OVERH'D CROSSING—State

ALAMEDA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $249,281 submitted low bid to the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Co. near El Cerrito Hill in the City of Albany, consisting of reinforced concrete girder spans and steel girder spans with concrete deck, having a total length of approximately 1500 ft.

The work involves:

(1) 50 c. y. exist. conc. to be removed and disposed of
(2) 2200 cu. yds. struc. excav.
(3) 240 cu. yds. class A Portland cement conc. (footing blocks)
(4) 5600 cu. yds. class A Portland cement conc. (struct.)
(5) 270 su. yds. class A Portland cement conc. (railing)
(6) 50 cu. yds. class A Portland cement conc. (sewer)
(7) 1,000,000 lbs. bar reinf. steel
(8) 965,000 lbs. structural steel
(9) 36,000 lbs. cast steel
(10) 624 lbs. bronze expansion plates
(11) 1400 l. f. furnishing 14 in. reinforced concrete piles, including test piles.
(12) 8400 l. f. furnishing 16 in. do
(13) 355 each driving reinforced concrete piles, including test piles
(14) 1 lot miscellaneous items of work.

Total bids follow:

(A) J. F. Knapp, Oakland, $249,281.
(B) Bodenhamer Constr. Co., Oakland, $251,297.20.
(C) Lindgren & Swinerton, Inc., San Francisco, $251,798.00.
(D) Pacific Bridge Co., San Francisco, $262,692.00.
(E) Healy-Tibbitts Constr. Co., San Francisco, $265,727.20.
(F) Fredrickson & Watson Constr. Co. and Fredrickson Bros., Oakland, $269,617.10.
(G) MacDonald & Kahn Co., Ltd., San Francisco, $272,163.40.
(H) Clinton Construction Co., San Francisco, $278,262.20.
(I) M. B. McGowan, Inc., San Francisco, and C. W. Caletti & Co., San Rafael, $283,786.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 5.00	$ 2.00	$ 6.60	$ 4.00	$10.00	$ 5.00	$ 6.00	$ 10.00	$ 4.00
(2)	1.50	1.50	2.50	1.25	2.00	2.00	1.00	2.50	3.50
(3) .	12.00	14.50	12.00	6.00	12.00	13.00	10.00	16.00	10.00
(4) .	17.00	16.50	18.00	18.50	21.00	20.00	21.50	20.80	20.00
(5) .	30.00	45.00	30.00	50.00	35.00	40.00	28.00	27.00	25.00
(6) ..	20.00	16.00	23.00	20.00	22.00	14.00	16.00	20.00	16.00
(7)	.04	.045	.0384	.04	.043	.04	.04	.043	.045
(8). ..	.065	.06	.0675	.06	.06	.0615	.07	.07	.073
(9).	.12	.06	.15	.15	.11	.15	.15	.12	.18
(10).	.25	.30	.25	.30	.30	.40	.35	.30	.30
(11)..	1.75	1.50	1.20	2.25	1.50	2.00	1.50	1.70	1.25
(12)....	2.08	1.70	1.50	2.50	2.00	2.25	1.75	1.85	1.50
(13)..	20.00	30.00	23.00	27.00	15.00	30.00	17.00	25.00	30.00
(14)	5000.00	1000.00	1500.00	2500.00	525.00	1000.00	2500.00	1800.00	2481.30

BIDS OPENED

MONTEREY COUNTY, Cal.—Paul J. Tyler, P. O. Box 206, Oroville, and Lord & Bishop, Native Sons Bldg., Sacramento, bidding jointly, at $261,980.55 submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Salinas, Monterey County.

The work involves:

(1) 1500 cu. yds. exist. conc. to be removed;
(2) 50 M gals. water;
(2) 42,000 cu. yds. roadway excav.;
(4) 2000 cu. yds. struc. excav.;
(5) 12,000 sq. yds. subgrade for pave.
(6) 320 tons crusher run base;
(7) 160 tons mineral aggregate (plant mixed surfacing);
(8) 8 tons liquid asphalt SC-2 (plant mixed surfacing);
(9) 2 tons liquid asphalt SC-2 (prime coat);
(10) 11 cu. yds. stone screenings (seal coat);
(11) 1 ton liquid asphalt MC-3 (seal coat);
(12) 1450 tons asphalt concrete;
(13) 1350 cu. yds. Class A Portland cement concrete (pavement);
(14) 120 cu. yds. Class A Portland cement conc. (curbs and gutters);
(15) 130 cu. yds. Class A Portland cement conc. (sidewalk);
(16) 390 cu. yds. Class A Portland cement concrete (sub-floor);
(17) 3850 cu. yds. Class A Portland cement concrete (thick floor);
(18) 2250 cu. yds. Class A Portland cement concrete (structures);
(19) 118 cu. yds. Class F Portland cement concrete (railing);
(20) 3100 each pavement dowels;
(21) 155,000 lbs. bar reinf. steel;
(22) 3600 lbs. cast steel catchbasin covers and frames;
(23) 4800 lin. ft. furnishing treated Douglas fir piles, including test piles;
(24) 160 each driving treated Douglas fir piles, including test piles;
(25) 266 lin. ft. 8-in. CMP;
(26) 509 lin. ft. 12-in. CMP;
(27) 260 lin. ft. 15-in. CMP;
(28) 84 lin. ft. 18-in. CMP;
(29) 129 lin. ft. 6-in. vitrified clay pipe;
(30) 4 each 4-in. wyes on 6-in. vitrified clay pipe;
(31) 1 each 6-in. tee on 6-in. vitrified clay pipe;
(32) 936 lin. ft. 8-in. vitrified clay pipe
(33) 20 each 6-in. wyes on 8-in. vitrified clay pipe;
(34) 1 each 6-in tee on 8-in. vit. clay pipe;
(35) 400 lin. ft. 10-in. vit. clay pipe;
(36) 60 lin. ft. 4-in. cast iron bell and spigot pipe;
(37) 150 lin. ft. 8-in. cast iron bell and spigot pipe;
(38) 260 lin. ft. 10-in. cast iron bell and spigot pipe;
(39) 1465 lin. ft. 12-in. cast iron bell and spigot pipe;
(40) 700 lin. ft. ¾-in. galvanized iron pipe;
(41) 740 lin. ft. 1-in. galvanized iron pipe;
(42) 6 each conc. manholes;
(43) 5800 sq. yds. membrane waterproofing;
(44) 5800 lbs. copper strips;
(45) 700 cu. yds. top soil;
(46) 17 each trees platanus racemosa;
(47) 35 each shrubs pyracantha yunnanensis;
(48) 65 each vines bignonia tweediana
(49) 4000 sq. yds. lawn;
(50) 255 each sprinkler heads;
(51) 1 lot electric lighting equipment;
(52) 1 lot pumping equipment;
(53) 675,000 lbs. fabricated structural steel;
(54) 1 lot misc. items of work.

Total bids follow:

(A) Paul J. Tyler, Oroville, and Lord & Bishop, Sacramento, $261,980.55
(B) Union Paving Co., San Francisco, $273,689.10.

NOTE:—The bid securities accompanying the bids of F. O. Bohnett, Campbell, and of C. W. Caletti & Co., San Rafael, were not signed and the bids were declared irregular. The total of F. O. Bohnett's bid was reported, $247,517.05.

Unit bids follow:

	(A)	(B)
(1)	$ 2.00	$ 3.00
(2)	1.35	1.00
(3)	1.35	1.10
(4)	1.25	1.25
(5)	.20	.08
(6)	2.70	3.50
(7)	5.50	5.00
(8)	20.00	12.00
(9)	25.00	15.00
(10)	4.00	5.00
(11)	20.00	30.00
(12)	6.00	6.00
(13)	11.00	12.00
(14)	18.00	15.00
(15)	16.00	14.00
(16)	10.00	11.50
(17)	9.00	12.00
(18)	20.00	12.75
(19)	40.00	60.00
(20)	.30	.50
(21)	.044	.06
(22)	.12	.15
(23)	.60	.60
(24)	20.00	12.50
(25)	1.00	1.30
(26)	1.30	1.50
(27)	1.55	2.00
(28)	2.00	2.50
(29)	.40	.70
(30)	1.00	1.25
(31)	1.00	1.25
(32)	.50	1.00
(33)	1.50	2.00
(34)	1.50	2.00
(35)	.60	1.25
(36)	1.00	1.00
(37)	1.75	2.00
(38)	2.25	3.00
(39)	2.80	3.50
(40)	.12	.40
(41)	.15	.45
(42)	40.00	75.00
(43)	.70	.80
(44)	.40	.70
(45)	1.00	5.00
(46)	1.25	2.00
(47)	.60	.50
(48)	.60	.75
(49)	.20	.15
(50)	4.50	5.00
(51)	5000.00	7000.00
(52)	3000.00	1900.00
(53)	.055	.073
(54)	3000.00	3000.00

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until November 12, 2:00 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for highway construction in Los Angeles County, Marengo St., between Soto St. and Cornwell St. about 0.05 mile in length, to be graded and paved with asphalt concrete and plant mixed surfacing.

The work involves:

(1) 40 gallons water;
(2) 120 cu. yds. rdwy. excav. without class;
(3) 960 cu. yds. imported borrow;
(4) 1000 cu. yds. structure excavation;
(5) 1600 sq. yds. sub-grade preparation;
(6) 120 tons mineral aggregate (plant-mixed surfacing);
(7) 6 tons liquid asphalt, MC-5 or MC-extra heavy (plant-mixed surfacing);
(8) 0.6 ton liquid asphalt, MC-2 (prime coat);
(9) 460 tons asphalt concrete (base and leveling course);
(10) 180 tons asphalt concrete (Type "A" surface);
(11) 200 lbs. bar reinforcing steel;
(12) 25 cu. yds. Class "A" Portland cement concrete (structures);
(13) 115 lin. ft. 12-in. std. reinf. concrete pipe;
(14) 40 lin. ft. 15-in. do;
(15) 90 lin. ft. 18-in. do;
(16) 130 lin. ft. 18-in. extra strength reinf. concrete pipe;
(17) 60 lin. ft. 18-in. corr. metal pipe (14-gauge);
(18) 80 lin. ft. 6-in. vitrified clay pipe
(19) 70 cu. yds. Class "A" Portland cement concrete (curbs, gutters and sidewalks);
(20) 1600 lbs. miscellaneous iron and steel;
(21) 72 lin. ft. curb armor;
(22) 2 manholes to be adjusted to grade;
(23) 50 cu. yds. existing concrete to be removed and disposed of.

Plans and specifications obtainable from the above office. 29

CONTRACT AWARDED

MARIN COUNTY, Cal.—Earl Forde, 640 Redhill Ave., San Anselmo, at $6891.40 awarded contract by State Highway Commission, Sacramento, for constructing crusher run base on portions applying seal coat to the shoulders and applying armor coat to the roadbed, on about 1.3 miles in Marin County, between Belvedere Crossing and Tiburon.

CONTRACT AWARDED

IMPERIAL COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $39,898 awarded contract by the State Highway Commission, Sacramento, for placing plant mixed surfacing on about 3.2 miles in Imperial County, between 4 miles west of Westmoreland and Trifolium Canal.

BIDS OPENED

MONTEREY CO., Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $29,316.25 submitted low bid to the State Highway Commission at Sacramento, for about 0.2 mile grading and surfacing with crusher run base and natural rock asphalt surfacing, in Monterey County, across Thompson Gulch about 3 miles north of King City.

The work involves:

(1) 700 M Gals. water;
(2) 3000 cu. yds. roadway excavation unclassified;
(3) 64,000 cu. yds. imported borrow;
(4) 450 cu. yds. struct. excav.;
(5) 165 cu. yds. exist. conc. removed and disposed of;
(6) 13 stations finishing roadway;
(7) 1000 tons crusher run base;
(8) 260 tons natural rock asphalt;
(9) 5 tons asphaltic emulsion 90-95;
(10) 95 tons screenings;
(11) 2000 sq. yds. preparing, mixing, and shaping shoulders;
(12) 37 tons liquid asphalt SC-2 (shoulders and detours);
(13) 80 sq. yds. paved gutters;
(14) 220 cu. yds. Class A Portland cement conc. (structures);
(15) 22,500 lbs. bar reinf. steel (structures);
(16) 278 lin. ft. 8-in. CMP;
(17) 6 each spillway assemblies;
(18) 295 lin. ft. laminated guard railing;
(19) 670 lin. ft. guard rail moved and reset;
(20) 0.1 mile exist. fences moved and reset;
(21) 7 each monuments complete in place.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $29,316.25.
(B) L. A. Brisco, Arroyo Grande, $31-462.25.
(C) Stewart & Nuss and John Jurkovich, Fresno, $31,839.00.
(D) J. L. Conner, Monterey, $32,-174.75.

(E) Granfield-Farrar & Carlin, S. F., $37,070.75.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .75	$ 1.50	$ 2.00	$ 1.00	$ 1.00
(2)	.20	.22	.50	.26	.30
(3)	.207	.24	.26	.26	.30
(4)	1.00	.90	1.00	1.00	1.00
(5)	4.00	4.00	2.00	3.00	10.00
(6)	6.00	5.00	10.00	10.00	10.00
(7)	3.20	3.00	2.00	3.00	2.25
(8)	6.20	7.50	5.00	8.00	4.80
(9)	30.00	32.50	20.00	25.00	17.50
(10)	3.50	3.50	3.00	4.00	2.75
(11)	.10	.06	.10	.10	.08
(12)	18.50	13.00	20.00	15.00	15.00
(13)	1.50	1.50	2.00	1.00	2.00
(14)	22.50	20.00	20.00	20.00	25.00
(15)	.06	.06	.05	.041	.06
(16)	1.00	1.25	1.00	1.00	1.00
(17)	20.00	14.00	20.00	15.00	15.00
(18)	1.25	1.25	1.00	1.00	1.00
(19)	.50	.75	.50	.75	.50
(20)	300.00	225.00	300.00	100.00	200.00
(21)	3.50	3.00	3.00	4.00	3.00

LOW BIDDERS

COCHISE COUNTY, Ariz.—Phoenix Tempe Stone Co., Box 1645, Phoenix, at $41,882 submitted low bid to the Arizona State Highway Commission, Phoenix, Nov 1 for improvements to the streets in the town of Lowell on the Benson-Douglas Highway; F. A. 79-1, Schedule 1; A.F.E. 8057.

The work, which is to begin at the east city limits of Bisbee and extend southeasterly through the town of Lowell for a distance of about 0.3 mile, consists of widening and resurfacing the existing pavement with cutback plant mix, and the construction of a cement rubble masonry retaining wall, and a concrete culvert, and is to be completed on or before April 15, 1936.

The items are:

770 cu. yds. structural excav.
150 cu. yds. concrete.
16,800 lbs. reinf. steel.
780 cu. yds. cement rubble masonry.
440 lin. ft. galv. iron pipe handrail.
1,800 tons plant mix.
74 tons cutback asphalt.
8 tons emulsified asphalt.
960 lin. ft. combined curb and gutter.
190 sq. yds. concrete sidewalk.
120 lin. ft. 24-in. C. M. pipe.

Arizona Rock & Sand Co., Phoenix, submitted the second low bid at $42,039.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Hanrahan-Wilcox Corp., 814 Hobart Bldg., San Francisco, at $247,253.40 awarded contract by the State Highway Commission, Sacramento, for about 4 miles grading and paving with asphalt concrete in Alameda County, between San Francisco Bay Bridge and Folger Avenue.

BIDS WANTED

STATE OF OREGON—Until November 7, 9 a. m., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd Floor, Public Service Bldg., Portland, for highway construction as follows:

Baker County—3.43 mi. grading on Gales-Tunnel Section of Old Oregon Trail, involving 239,000 c.y. excavation; 21,000 c.y. pit-run gravel topping; and 3,000 c.y. salvaged surfacing materials.

Douglas County—1.68 mi. grading and paving on Turkey Hill Section of Pacific Highway, involving 128,000 c.y. excavation; 8,500 c.y. rock or gravel topping; 20,900 sq.yds. Portland cement concrete pavement; and 1,600 c.y. crushed shoulder materials.

Grant County—11.05 mi. resurfacing and oil mat surface treatment on Branson Creek-Rock Creek Section of John Day Highway, involving 7,000 c.y. crushed rock surfacing materials; 116,000 sq.yds. oil mat surface treatment; and 2,500 c.y. crushed rock in stock pile.

Grant County—7.85 miles regrading, surfacing and oil mat surface treatment on Valades Ranch-Stewart bridge Section of John Day Highway, involving 52,000 c.y. excavation; 30,000 c.y. pit-run gravel topping; 7,400 c.y. crushed gravel surfacing materials; and 92,000 sq.yds. oil mat surface treatment.

Jackson County—Furnishing aproximately 8,500 c.y. crushed rock in stock piles on the Ashland-Jenny Creek Rock Production Project on Green Springs Highway.

Jefferson County—2.07 mi. grading, on Agency Section of Warm Spring Highway, involving 100,000 c.y. excavation.

Lake County—1.23 mi. grading, 14.6 mi. grade widening, 15.8 mi. gravel surfacing, and 16 mi. road mix surfacing on Paisley-Chewaucan Narrows Section of Fremont Highway, involving 18,000 c.y. excavation; 2,500 c.y. pit-run gravel embankment; 11.94 mi. roadbed widening; 39,500 c.y. pit-run gravel surfacing; 4,000 c.y. gravel shoulders; and 169,000 sq.yds. road-mix surfacing.

Linn County—1.15 mi. grading on Grade Creek-Storm Creek Section of Santiam Highway, involving 174,000 c.y. excavation; 140 c.y. Class D concrete; and 4,500 c.y. roadbed topping.

Umatilla County—4.3 mi. grading, on Pendleton Hill Section of Old Oregon Trail, involving 191,000 c.y. excavation; and 23,000 c.y. pit-run gravel topping.

Wheeler County—7.92 mi. crushed gravel surfacing on Service Creek-Burton Canyon Unit, and 4.49 mi. regrading, surfacing and oil mat surface treatment on Burton Canyon-Spray Unit, of John Day Highway, involving 70,000 c.y. excavation; 21,000 c.y. pit-run gravel topping; 9,000 c.y. crushed gravel surfacing; 53,000 sq.yds. oil mat surface treatment; and 1,000 c.y. crushed gravel in stock pile.

Plans and specifications obtainable from the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.

BIDS WANTED

SAN MATEO, San Mateo Co., Cal.—Until November 8, 12 M., bids will be received by the California Water Service Co., 501 Federal Reserve Bk. Bldg., San Francisco, J. A. Wade, Chief Engineer, for the construction of a water softening plant in San Mateo.

Work will involve construction of a number of concrete basins set into the existing ground to a maximum depth of about 9 feet, the excavated material to be placed in a compacted embankment around the finished structures. Above one of these basins there is to be a three-story building consisting of concrete columns and floor with stuccoed wood construction enclosing walls and top story. Several wood tanks furnished by the owner are to be erected. Machinery, pumps and pipe materials will be furnished by the owner and erected and connected by the contractor.

Bids will be taken as follows:

(1) 100 cu. yds. excavation;
(2) 200 cu. yds. embankment from barrow;
(3) 160 cu. yds. excavation in trench;
(4) 150 sq. yds. drives and paths;
(5) 825 bbls. Portland cement;
(6) 550 cu yds. concrete masonry;
(7) 44,000 lbs. reinforcing steel;
(8) 1000 lbs. setting metal work;
(9) Lump sum, carpenter and millwork;
(10) 9 squares roofing;
(11) Lump sum, plumbing;
(12) Lump sum, electrical work;
(13) 50 lin. ft laying 2-in. pipe
(14) 120 lin. ft. laying 4-in. pipe;
(15) 25 lin. ft. laying 6-in. pipe;
(16) 150 lin. ft. laying 12-in pipe
(17) 125 lin. ft. sanitary sewer;
(18) Lump sum, filter piping;
(19) 2000 lbs. miscellaneous iron work
(20) 880 cu. ft. filter sand,
(21) 528 cu. ft. filter gravel;
(22) Lump sum, erecting mixing tanks,
(23) Lump sum, erecting wood flume;
(24) Lump sum, erecting wash water tub;
(25) Lump sum, erecting bag elevator;
(26) Lump sum, recarbonation equipment;
(27) Lump sum, erecting pumping equipment;
(28) Lump sum, painting;
(29) 450 sq. ft. tile walls;
(30) Sheeting and shoring.

Specifications obtainable from the above office.

30—RESERVOIRS & DAMS

BIDS WANTED

ALAMEDA COUNTY, Calif. — Until Nov. 14, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, San Francisco, under Spec. No. W. D. 96, for the reconstruction of the Calaveras Intake Screens and Adits, at Calaveras Dam in Alameda County, about 10 miles south of the town of Sunol.

Construction includes furnishing and installing one 30-in. and one 60-in. perforated steel pipe screen, each 60-inch in diameter; grouting behind the concrete and lining existing horseshoe shaped adits totalling approximately 85 ft. in length, with welded steel plate; grouting the space between the steel lining and existing concrete adit; reinforced concrete transition sections at the inlets to the adits and existing concrete adit; reinforced concrete transition sections at the inlets to the adits; concrete pipe supports for the screens; a concrete slab approximately 15-ft. wide by 60-ft. in length under one of the screens, etc.

The work involves:

(1) lump sum, furnishing and installing two 60-inch dia. perforated pipe screens;
(2) 80 c.y. excavation;
(3) 50 c.y. concrete;
(4) 1,100 lbs. furnishing and placing reinforcing steel;
(5) 20 pipes, furnishing and installing grout pipes in adits;
(6) 300 sacks cement, grouting in the adits;
(7) 85 l.f. furnishing steel plate lining for adits;
(8) 85 l.f. installing steel plate lining in adits;
(9) 1,150 sq. ft. coating interior of steel lining in adits.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, general manager and chief engineer.

BIDS WANTED

ST. HELENA, Napa Co., Cal.—Until November 12, 8 P. M., bids will be received by the St. Helena City Council, E. R. Palmer, City Clerk, City Hall, for the construction of a reinforced concrete gate tower for the Lower St. Helena Dam.

The tower will be 37½ feet high and 13 feet in diameter, and will be placed just outside the face of the dam. No bridge will be built to the new

structure, only access being by boat.

Approximate cost is estimated at $3500

August Kempkey, 1218 Hobart Bldg. San Francisco, and Walter L. Huber, 1 Montgomery St., San Francisco, consulting engineers.

John Mitchell, City Engineer.

31 — PIPE LINES & WELLS

BIDS WANTED

VISTA, San Diego Co., Cal.—Until Nov. 19, 2 P. M., bids will be received by the Vista Irrigation District, Vista, for furnishing and installing pipe lines under two PWA projects, as follows:

PWA PROJECT 1159

8240 l.f. 26-in. ¼-in. welded steel or cast iron pipe, or 24-in. centrifugally spun or concrete cylinder pipe;
4800 l.f. 20-in. 3/8-in. welded steel or cast iron pipe, or 18-in. centrifugally spun or concrete cylinder pipe;
700 l.f. 14-in. 5/16-in. welded steel or cast iron pipe;
5100 l.f. 12-in. 5/16-in. welded steel or cast iron pipe;
1100 l.f. 10-in. 5/16-in. welded steel or cast iron pipe;
2340 l.f. 8-in. 5/16-in. welded steel or cast iron pipe, or 9-in. .196 Matheson weight pipe.

Appurtenant structures and connections to existing lines.

PWA PROJECT 1319

9300 l.f. 18-in. 7/16-in. welded steel or cast iron, or 16-in. centrifugally spun or concrete cylinder pipe;
3170 l.f. 14-in. 5/16-in. welded steel or cast iron pipe;
6300 l.f. 10-in. 3/8-in. welded steel or cast iron pipe;
5050 l.f. 8-in. 3/8-in. welded steel or cast iron pipe, or 9-in. .196 Matheson weight pipe.

Appurtenant structures and connections to existing lines.

Plans and specifications may be secured at the office of the Vista Irrigation District, Vista. A charge of $10 (not returnable) is made for each set of plans and specifications covering each project, to apply on the cost of blue printing. Chas. N. Bell is the engineer-manager. J. W. Rose, president.

TO ASK BIDS SHORTLY

SAN DIEGO, Cal.—Fred D. Fyle, San Diego city hydraulic engineer, has announced that bids for the construction of the El Capitan pipe line will be asked by the city as soon as final approval of the project by the PWA is received by his department. The city has applied for a grant of $129,000 of the total cost, estimated at $430,000, the balance to be represented by a loan. The proposed pipe line will extend from the El Capitan Dam to existing Lakeside - University Heights line and will consist of 4 miles of 48-in. steel pipe with coal tar enamel inside and coal tar coating outside with Johns - Manville asbestos wrapping, and 2 miles of 36-in. steel pipe with spun cement lining and gunite exterior coating. The steel will be principally from ¼-in. to 5/16-in. in thickness, although some will be lighter and some heavier than the average between those thicknesses.

The upper two miles of this line (additional to the 6 mentioned above) will be built by the La Mesa Irrigation District, which also has an application before the PWA for federal funds. The proposed district pipe line will consist of a 48-in. steel pipe line, of which about 130 ft. will be laid in tunnel, that portion being designated with a 3/8-in. shell thickness and requiring a small amount of concrete in piers, etc. Bids on this section will be taken by the La Mesa Irrigation District, of which C. Harritt is the general manager and engineer.

CONTRACT AWARDED

FRESNO AND KINGS COUNTIES, Cal.—Macco-Robertson, Ltd., 815 Paramount Blvd., Clearwater, at $24,000 awarded contract by the Southern California Gas Company for construction of a pipe line in Fresno and Kings Counties.

CONTRACTS AWARDED

LOS ANGELES.—Contracts for constructing 14.25 miles of Colorado River aqueduct between Stations 926 plus 00 and 2257 plus 50 of the Upper Feeder, Specifications No. 115 (Fontana to Glendora), were awarded by the board of directors of the Metropolitan Water District Nov. 1 as follows:

AMERICAN CONCRETE & STEEL PIPE CO., 4635 Firestone Blvd., South Gate at $1,968,633.70 for constructing 4.9 miles of 12-ft. 8-in. precast pipe line under Sched. No. 4P and 4.71 mi. of precast pipe line under Sch. 5P. Bids of this firm on the scheds. were, respectively, $1,040,055.01 and $1,013,995.50, but a deduction of $85,407.50 for the award of both schedules makes the total as above.

UNITED CONCRETE PIPE CORP., 1347 W. 208th St., Los Angeles, at $1,127,786, for constructing 4.64 miles of 10 ft. 3 in. precast pipe line under Sched. No. 8P. This schedule comprises that portion between Stations 2009 plus 18 and 2257 plus 50.

SCHEDULES 6 AND 7, covering 5.18 miles and 5.66 miles, between Stations 1436 plus 00 and 1709 plus 30, and between 1709 plus 30 and 2009 plus 18, respectively, were rejected and F. E. Weymouth, the general manager and chief engineer, authorized to readvertise for pre-cast only. The plans and specifications will be revised to that extent and issued shortly. The date for bids was not announced.

The rejection of the bids on Schedules 6 and 7 was based partly on price and partly on the suitability of precast pipe for the locality in which the pipe line for these particular schedules is to be laid. The low bids on cast-in-place pipe line for Schedules 6 and 7 were submitted by Gunther & Shirley.

TO ASK BIDS

SANTA CRUZ COUNTY, Cal.—Treasury Department, Procurement Division, District 9, Room 201, New Post Office, San Jose, Walter B. Hester, Deputy Procurement Officer, will issue a call for bids shortly for furnishing:

(1) 1249 ft. 4-in. bell and spigot cast iron pipe, Class 150; f.o.b. trench site, Corralitos, Santa Cruz Co.
(2) 5634 ft. 6-in. bell and spigot cast iron pipe, Class 150; f.o.b. trench site, Santa Cruz.

CONSTRUCTION STARTED

TULARE, Tulare Co., Calif.—The Southern California Gas Co. has started construction by force account of a natural gas pipe line between Tulare and Visalia. The cost is estimated at $40,000. This is the last section of a horseshoe pipe line connecting Tulare, Visalia, Exeter, Lindsay, Strathmore and Porterville.

CONTRACTS AWARDED

TACOMA, Wash. — Steel Tank & Pipe Co., 518 N. Columbia Blvd., Portland, at $217,050 on Proposal 2, and the American Concrete Pipe Co., 459 E. 15th, Tacoma, at $102,723 on Proposal 3, awarded contracts by the Tacoma Board of Contracts and Awards, for constructing 19,450 ft. of pipe line ranging from 42 in. to 58 in. in diameter with reinforced concrete gate house 26x54 ft., and installation of all gates and appurtenant structures; 7,370 ft. of 52-in. pipe may be either centrifugally spun concrete pipe or 5-16-in. or ¾-in. plate; 13,600 ft. of pipe will be used for replacement of sections of Green River Gravity pipe line.

Proposal 2, call for construction of all steel pipe except on Veazie and Buckley sections where concrete may be used, and control building.

Proposal 3, is for concrete pipe only in Veazie and Buckley sections, no control building.

32—SEWERS & SEWAGE DISPOSAL PLANTS

PLANS BEING COMPLETED

EL CENTRO, Imperial Co., Calif.—Koebig and Koebig, consulting engineers, Rowan Bldg., Los Angeles, are completing plans for the proposed outfall sewer line to be constructed from the city collection system to a point in the New River, under the $290,000 bond issue voted October 30. Application for PWA aid has been filed with the State Engineer.

The proposed line will involve:

(1) 35,400 ft. 27-in. vitrified sewer;
(2) 4,600 ft. 15-in. do;
(3) 570 ft. 18-in. cast iron pipe;
(4) pumping station of approx. 1,500,000 gals. daily capacity.

CONTEMPLATED

EUREKA, Humboldt Co., Cal.—City Council has instructed City Engineer E. D. Gardner to prepare estimates of the cost of rebuilding the Whipple Street sewer outlet from Broadway to the bay. Cost is estimated at approximately $60,000.

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until November 14, 10 A. M., bids will be received by the Vallejo City Council. Alf E. Edgcumbe, City Clerk, for the construction of a 48-in. reinforced concrete storm sewer on timber cradle, approximately 650 feet in length, on Virginia St., from Transport St. to and beyond the City bulkhead.

Plans and specifications obtainable at the office of City Engineer T. D. Kilkenny, upon deposit of $5.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — W. J. Tobin, 3701 Balfour Ave., Oakland, at $3,134.31 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18892, for the reconstruction of the sewer in Perry St., between 4th and 5th Sts., including necessary connection with the existing sewer in Harrison St.

BIDS WANTED

ROSEBURG, Oregon—Until November 29, 11 A. M., bids will be received by the Roseburg City Council, A. J. Geddes, City Recorded, City Hall, for the reconstruction and extension of the sewage system and the construction of a sewage disposal plant.

Improvements will consist of an intercepting sewer, complete with all structures from the outfall of the South Sewer at the city limits at the south end of Roseburg following the right bank of the South Umpqua River downstream to the temporary outfall, as shown on the plans; also an intercepting sewer on the left bank of the South Umpqua River from the lower manhole of "Laurelwood Sewer No "1" downstream to a temporary

outfall or its connection with the intercepting sewer on the right bank, and a sewage disposal plant, primary treatment with separate sludge degestion, to treat an ultimate flow of two million gallons per day.

Plans and specifications obtainable from the above office upon deposit of $25.

33— WATER WORKS

BOND ELECTION

ANTIOCH, Contra Costa County, Calif.—City Council has set November 23 as the date for a special election to vote on a proposal to issue bonds in the amount of $88,000, to finance replacement of the pipeline from the municipal water works to the reservoir; construction of a new suction line from the water works to the intake in the San Joaquin River; and addition of an electrically driven centrifugal pump to the pumping plant.

The bond issue will secure a PWA loan and grant of $87,272.

George Oliver, City Engineer.

BIDS WANTED

CORBETT, Oregon—Until November 15, 10 A. M., new bids will be received by the Corbett Water Dist., at the office of Arthur Langguth, 604 Concord Bldg., Portland, for the construction of water supply and distribution works in the district. Estimated cost $53,000.

Improvements will consist of construction of a timber crib dam on Gordon Creek; furnishing and laying approximately the following amounts of steel or cast iron pipe: 3500 ft. 8-in., 34,800 ft. 6-in., 6000 ft. 5-in., 3500 ft. 4-in. and 18,000 lin. ft. 3-in.; a reinforced concrete reservoir; gate valves; air valves; pressure reducers, etc.

Alternate bids are requested for different kinds and sizes of pipe, etc.

Plans and specifications obtainable at the office of H. L. Gilbert, Couch Bldg., Portland, engineer of the district, upon deposit of $10.

West Coast Constr. Co., Seattle, at $60,741 submitted the low bid on the previous opening, but bids were rejected as excessive.

GRANT INCREASED

ROSEVILLE, Placer Co., Cal.—The Public Works Administration has increased a grant of $19,000 for improvements to the water system to $23,100.

BIDS OPENED

SAN FRANCISCO — Mueller Co., 1072 Howard St., San Francisco, at $5988.83 on Proposal B submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1462, for furnishing:

PROPOSAL A

Lot 1—Two 36-in. valves for 100 lbs. water working pressure; and 1 36-in. valve for 50 lbs. water working pressure.

Lot 2—Two 30-in. valves for 100 lbs. water working pressure; and 1 30-in. valve for 50 lbs. water working pressure.

Lot 3—One 25-in. valve for 100 lbs. water working pressure; and 1 24-in. valve for 50 lbs. water working pressure.

PROPOSAL B

Lots 1, 2 and 3 combined.

The bid of the Mueller Co. was: Proposal A: Lot 1, $4166.63; Lot 2, $2093.78, Lot 3, $728.21;Proposal B, $5988.83.

Crane Co., Rensselaer Valve Co., Iowa Valve Co., Chapman Valve Mfg. Co. and Kennedy Valve Mfg. Co., submitted identical bids at: Proposal A: Lot 1, $3166.63; Lot 2, $2093.78; Lot 3, $746.54; Proposal B. $6006.95.

All bidders offered a discount of 2% 30 days; net in 60 days.

BIDS WANTED

SACRAMENTO COUNTY, Cal. Until November 18, 10.30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for the construction of a drainage system and furnishing and installing new pumping equipment in Sacramento County, at Ben Ali undergrade crossing, about 4 miles north of Sacramento.

The work involves:

(1) 520 cu. yds. structure excavation
(2) 30 cu. yds. tunnel excavation;
(3) 100 cu. yds. ditch excavation;
(4) 73 cu. yds. Class A Portland cement concrete;
(5) 11 000 lbs. bar reinforcing steel;
(6) 175 lin. ft. 12-in. discharge pipe;
(7) 185 lin. ft. 12-in. corrugated metal pipe;
(8) 40 lin. ft. 18-in. corrugated metal pipe;
(9) 80 lin. ft. 36-in. (8 gauge) corrugated metal pipe;
(10) 23 lin. ft. 36-in. (12 gauge) corrugated metal pipe;
(11) 1100 lbs. miscellaneous steel;
(12) 1 lot pumping equipment;
(13) 1 lot miscellaneous items of work

Plans and specifications obtainable from the above office.

PLANS APPROVED

ALAMEDA COUNTY, Calif.—PWA approved plans for the constructing a chlorinating plant and piping for the San Francisco Public Utilities Commission.

BIDS OPENED

SAN FRANCISCO, Calif. — M. J. Lynch, Oakdale & Barnevald Aves., San Francisco, at $15,560 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 92, for construction of extensions to the upper Alameda Tunnel Outfall, in Santa Clara County, at the westerly end of the Upper Alameda Tunnel, about 1½ miles southwesterly of Calaveras Dam, and 12¾ miles southeasterly of the town of Sunol, Alameda County.

The work involves:

(1) 400 c. y. excavation, all classes;
(2) 1,200 c. y. backfill;
(3) 450 c. y. concrete;
(4) 41,000 lbs. reinforcing steel;
(5) 80 c. y. rubble masonry work.

Total bids follow:

(A) M. J. Lynch, San Francisco, $15,560.00;
(B) E. T. Lesure, Oakland, $18,585.00;
(C) A. Soda & Son, Oakland, $20,808.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$3.00	$5.00	$4.00
(2)	.35	2.50	3.50
(3)	25.00	22.50	25.00
(4)	.05	.06	.05
(5)	8.00	12.50	21.35

Bids referred to the City Engineer and the PWA.

AWARDS RECOMMENDED

BEVERLY HILLS, Los Angeles Co. Cal.—Arthur Taylor, of the firm of Taylor & Taylor, consulting engineers and managers of the Beverly Hills water department, has announced that the Beverly Hills City Council has sent to the Public Works Administration recommendations for the awards of contracts for improvements to the water system, etc. as follows:

Contract A, pipe line in the Beverly system, to Fred W. Weber, $442 California Ave., South Gate, at $36,650.

Contract B, pipe lines in the West Hollywood system to Larsen & McCarthy, 805 So. Garfield Ave., South [illegible] at $[illegible]

Contract C, [illegible] on [illegible] to Paddock Engineering Co., [illegible] Ave., L. Angeles [illegible]

Contract D, [illegible] 2100 ft. 12-in. drain line and [illegible] reservoir, to Campbell Constr. Co., 315 So. Western Ave., L. Angeles, at $15,328.

Contract E, robury [illegible] envelope well, to Roscoe Moss Co., [illegible] Worth St., Los Angeles, at $5510

The bids were opened October 22.

In connection with the announcement of the above recommendations, Mr. Taylor states "We have been orally advised that the PWA office is approving the recommendations of the council and we expect that the council will make the awards at its next regular meeting. To the best of my knowledge this is the first PWA project under 1935 appropriations to get under way in Southern California."

34— PARKS & PLAYGROUNDS

BIDS OPENED

LOS ANGELES, Calif. — Standard Fence Co., 3020 San Fernando Road, Los Angeles, at $1313.13, submitted low bid to Treasury Dept., Washington, D. C., for wire boundary fence at the U. S. Quarantine Station, Los Angeles. Complete bids follow:

Standard Fence Co., L. A.	$1313.13
Cyclone Fence Co., Waukegan, Ill.	1331.00
Anchor Post Fence Co., Baltimore, Md.	1398.00
Pacific Fence Constr. Co., L.A.	1650.00

Bids held under advisement.

CONTRACT AWARDED

TORRANCE, Los Angeles Co., Cal. —King Nursery, Torrance, at $380 awarded contract by Treasury Department, for seeding and planting grounds at the U. S. Post Office, Torrance.

BIDS OPENED

SAN FRANCISCO, Calif.—Standard Fence Co., 440 Bayshore Blvd., San Francisco, at $8,994.83 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W.D. 94 for the erection of wire mesh fences around present University Mound Reservoir, on Bacon St. and University Ave.; College Hill Reservoir, Appleton and Elsie Streets, and Lombard Reservoir, Greenwich and Hyde Streets.

The work involves:

(1) 6,300 l. f. fence;
(2) 6,300 l. f. top rail;
(3) 23 each corner posts;
(4) 14 each end posts and gate posts,
(5) 3 each swing walk gates (5 ft. high);
(6) 3 each double swing drive gates (10 ft. high);
(7) 6,300 l. f. removal of existing wooden fence;
(8) 200 c. y. concrete retaining wall.

Total bids follow:

(A) Standard Fence Co., $8,994.83;
(B) Kamlan Fence Co., $10,562.59;
(C) Michel & Pfeffer Iron Works, $10,945.00;
(D) Anchor Post Fence Co., $11,344.00;
(E) Wickwire Spencer Steel & Wire Co., $11,944.50.

Unit Bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$0.785	$0.289	$ 0.96	$ 0.99	$ 0.959
(2)	.125	.13	.14	.14	.14
(3)	9.45	9.95	11.00	11.00	10.00
(4)	6.76	7.43	8.00	8.00	8.00
(5)	13.88	19.85	20.00	20.00	20.00
(6)	29.40	39.70	40.00	40.00	39.60
(7)	**	150.00	250.00	280.00	190.00
(8)	14.10	16.00	16.10	17.00	21.55

**No charge

Section 4359, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

347 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

State Opens American Canyon Paving Bids

North State Home Building $50,000 Daily

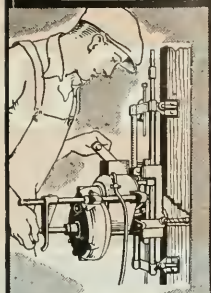
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

vember 16, 1935

Vol. XVIII—No. 46

WAPPAT Electric TOOLS



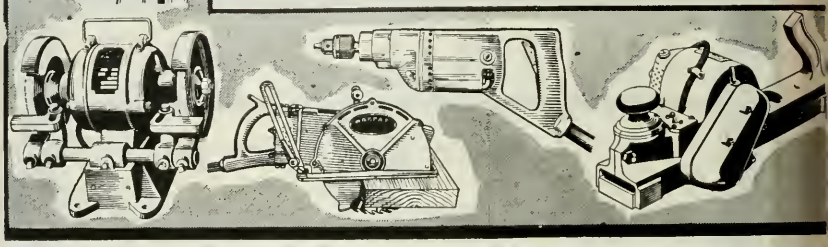
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

C.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., NOVEMBER 16, 1935 No. 46

HA ESTIMATES $50,000 DAILY HOME INVESTM'T

orthern California Residential Work May Exceed Last Month

With new homes being built in rthern California at the rate of ,000 a day, November promises pass last month's activity, which attered a four-year record when idential construction reached the hest peak since 1931, according Clifford C. Anglim, district ditor of the Federal Housing Adnistration.

ew homes, financed under the gle mortgage plan of the Nation-Housing Act, were started at the e of $35,000 a day during the t ten days of this month, Ann said.

This means that residents of rthern California, largely in the area, have invested no less n $350,000 in new homes, fiiced through the Housing Adnistration, since the first of the rent month," he declared. "Many nes are being built under other ns of financing, hence it can be servatively said that home buildin the Northern California dist have poured in excess of half illion dollars, or more than $50,- a day, into the building trades residential construction during past ten days."

ommitments issued by the local trict office of the housing admination for mortgage insurance on home construction during the day period were said to aggrene $265.150, on a total investment roximating $350,000.

an Francisco leads the list in November building boom. und was broken here for sixteen nes financed by government-inred mortgages amounting to $102- Because few requested the aximum loan of 80 percent perted under the National Housing , these mortgages were said to esent a total investment by San ncisco home builders of more n $150.000.

Hanrahan-Wilcox Bid of $434,428 Low for American Canyon Paving

Proposals Received Also On Concord Overhead Improvement

SACRAMENTO, Calif., Nov. 13.—Hanrahan-Wilcox Corp., San Francisco, submitted the low bid of $434,428 today to State Highway Engineer C. H. Purcell for paving 11.2 miles with portland cement concrete on the American Canyon cut-off section of the San Francisco-Sacramento highway in Solano and Napa counties. The work is located between a point one mile north of Carquinez Bridge and Cordelia.

Eight bids were received as follows:

Hanrahan-Wilcox Corp., S. F.	$434,428
Fredrickson & Watson Const. Co., Fredrickson Bros., and Jones & King, Oakland	439,686
N. M. Ball & Sons Co., and Bodenhamer Const. Co., Oakland	445,707
A. J. Raisch and A. G. Raisch, San Francisco	460,341
Peninsula Paving Co., S. F.	461,556
Basich Bros., Torrance	461,304
A. Teichert & Son, Inc., Sacramento	466,919
Union Paving Co., S. F.	472,338

The contract is one of the largest paving jobs scheduled in the California state highway program this biennium. It will complete the new shorter route between San Francisco and Sacramento, construction of which was started two years ago.

Hanrahan-Wilcox Corp., the successful bidder, has just been awarded the contract for paving about four miles of the Eastbay approach to the San Francisco-Oakland Bay Bridge. Their low bid on this contract was $247,253.

Bids were received on one other contract today, for reconstruction of a reinforced concrete overhead rossing of Santa Fe Railroad north of Concord, Contra Costa County The low bid was that of A. T. Howe, Santa Rosa, at $17,730.

September shipments of steel shelving totaled $341,555, as compared with $260,545 in September last year, the Bureau of the Census reports.

STOCKTON HOTEL TO COST $550,000

Plans are being prepared for a 15-story hotel building to be erected in Stockton at an estimated cost of $550.000, it was reported yesterday in San Francisco. The owner will be the Stockton Community Company. Architect William Henry Rowe, San Francisco, has been commissioned to prepare preliminary plans. The building will be of Class A construction with steel frame and concrete walls. It will contain approximately 250 rooms and baths.

California Firms Low on 4 Nevada Highway Projects

CARSON CITY, Nev., Nov. 13.—The Nevada Highway Directors received bids today on five road construction and grade separation contracts and postponed the date for agencies and 20,974,484 tons valued

George French, Jr., Stockton, at $85,786 submitted the only bid received for construction of about 5.38 miles of highway in White Pine County.

Pacific Construction Co., San Francisco, waa low bidder on three contracts as follows: 3.12 miles in Nye County, $69,882; 3.88 miles in Douglas County, $61,451, and 0.9 mile in Lyon County, $48,081.

Nevada Rock & Sand Co., Inc., was low at $34,273 for construction of an underpass near Winnemucca, Humboldt County.

Bids for construction of an overpass near Wells, Elko County, and for construction of eight-tenths of a mile of highway from Wella to the new overpass were not opened, due to a change in the state highway program.

CITIES RUSHING PWA UTILITIES CONSTRUCTION

Nine Contracts Offered For Bids At Early Dates

Nine waterworks and sewer improvement contracts are on the market for bids in the Northern California PWA program outside the city of San Francisco.

Sacramento city council authorized a call for bids on seven contracts immediately after the city's voters approved a bond issue to obtain a PWA grant toward projects to cost $848,000. The proposals will be received November 21 and 29. Contracts to be let include extensions to the main outfall sewer; storm sewer construction in three districts; water main extensions; reconstruction of the pre-treatment works and furnishing new pumping equipment. H. D. Dewell of San Francisco, is consulting engineer on the water system improvements. A contract for fencing the filtration plant also is among those scheduled for bids November 21.

The city of Dos Palos in Merced County is receiving bids November 25 for constructing a municipal water system to cost $66.000.

Sonora city council will receive bids November 22 for constructing intercepting and outfall sewer lines and a disposal plant estimated to cost $46,000.

John S. Bates of Berkeley, is consulting engineer for both Dos Palos and Sonora projects.

CLASSIFY EMPLOYMENT ON SONOMA HOSPITAL

Construction of the Sonoma county hospital, scheduled to start next month, will employ between sixty and seventy men, according to the estimate of District Manager Roger Thomas of the National Re - employment Service. Bids for the contract are to be opened Nov. 21.

Classification of workmen and the number of each that will be employed were announced by Thomas as follows: eight carpenters, five concrete workers, ten lahorers, six steel workers, four plumbers, two plumbers' helpers, two steam fitters. two steam fitters' helpers, five painters. two roofers, two roofers' helpers, two tile setters, two tile setters' helpers, six plasterers, 3 hod carriers, two sheet metal workers, and three electricians.

SAUSALITO ENGINEER

C. P. Clow of San Rafael, has been named Sausalito city engineer to replace Frank H. Eastman.

PWA Project Bonds Return $2,500,000 Profit to Treasury

Profit to the government of more than $2,500,000 from PWA bond sales is reported by Director of Finance Philip M. Benton.

Mr. Benton announced that already approximately $220,000,000 of PWA bonds have been sold or retired. This represents more than 60 percent of the municipal bonds and nearly 40 percent of the railroad securities thus far purchased by PWA in financing employment-creating projects throughout the country.

In addition, many local communities which have received PWA alloaments have sold millions of dollars worth of bonds in the open market.

Mr. Benton reported that to date the sale of $151,334,562 worth of municipal bonds netted a profit of $1,629,818, and $67,776,500 worth of railroad securities a premium of $890,749. The total principal amount is $219,111.062 and the total premium $2,520,567.

Bakersfield Plans $200,000 Issue For School Work

A bond election to finance new buildings and to purchase school sites, involving a total estimated expenditure of $200,000, will be held in Kern county union high school district, December 6.

Proposed expenditures include:

Study hall and classroom building, $90,000; equipment, $5,000.

Girls' gymnasium additions, $35.-000.

Reconstruction of girls' gymnasium to meet state earthquake safety requirements, $30,000.

DEVELOP POCKET LIGHT INDICATOR

The Sight Light Indicator, a 7-ounce pocket-size device for measuring light, is announced by the enue, New York. The indicator, enue, New York. The indicator, which is a companion piece to the larger and higher-priced Sight Meter, is designed for school authorities, utilities officials and others requiring a handy means for measuring illumination.

The indicator utilizes a dry disk photo-electric cell and transforms light into electricity and indicates the strength of the current produced by the moving pointer of an electric meter. No batteries or outside current supply are needed.

Further information is available upon request from the manufacturer.

STATE STARTS SITE BORINGS FOR PIT SPAN

Highway Engineers Will Aid Railway - Highway Relocation Preliminaries

Earl Lee Kelly, state director of public works, yesterday announced that survey crews of the state division of highways will commence work at once of making test borings to determine the exact location of the combination highway and railway bridge over the Pit River as a part of the Central Valley Project.

The public works director said the location of the bridge is the control factor in the realignment of the state highway and the Southern Pacific Railroad around the Kennett reservoir. With the survey work and test borings being done by the division of highways. the relocation of the railroad will be speeded up by two months.

Kelly stated that the proposition of having the work advanced by the highway division was worked out at a conference attended by himself, Walker R. Young, supervising engineer for the Central Valley Project; State Engineer Edward Hyatt, and engineers for the Southern Pacific Company.

The combination bridge over the Pit River, within the reservoir basin, will be one of the largest single units of the project with the exception of the dam itself. Its cost has been estimated at more than $3,-500,000.

MERCED EXCHANGE REELECTS OFFICERS

Officers of the Merced Builders' Exchange were re-elected last week at the organization's annual banquet. Officers who will serve again during the coming year are Mark B. Folsom, president; J. E. Fritz vice-president; Walter S. Found secretary, and Luther Sorensen treasurer.

Speakers at the banquet included Congressman B. W. Gearhart Hugh McNulty and Harry Cayford of Fresno.

SOUTH CITY RETURNS TO CONTRACT SYSTEM

Abandoning its application for Works Progress Administration funds, the South San Francisco city council last week annouoced that bids would be asked shortly for construction of an industrial sewer to serve factories in the lower Linden avenue district.

Decision to advertise for bids on the work followed the statement of City Engineer Robert Klassen that nothing had been heard of the city's five applications for WPA funds, it is reported.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

o.	Owner	Contractor	Amt.
WELLING			
200	Price	Early	3000
201	Hale	Fisher	1920
202	Cassidy	Owner	1500
203	Christensen	Owner	4000
204	Same	Owner	4000
205	Same	Owner	4000
206	El Rey	Newman	8000
207	Mosse	Callaghan	1000
208	Johnson	Owner	3500
209	Nelson	Owner	4000
210	Larkin	McSheehy	2500
211	Doelger	Owner	4000
212	Doelger	Owner	4000
13	Doelger	Owner	4000
14	Doelger	Owner	4000
15	Doelger	Owner	4000
16	Doelger	Owner	4000
17	Doelger	Owner	4000
18	Berwick	Owner	4000
19	Berwick	Owner	4000
20	Anza	Rousseau	3000
21	Anza	Rousseau	3000
22	O'Connor	Demaris	1200
23	General	Cahill	25000
24	Fehse	Coburn	1000
25	Loveless	Early	3000
26	Stanford	DuPuy	1000
27	Wellts	Jensen	1000
28	Hale	Not Given	1800
29	Hutchinson	Owner	3500
30	Unione	Not Let	20000
31	Land	Owner	3000
32	Land	Owner	3000
33	Land	Owner	3000
34	Land	Owner	2000
35	Cuthbert	Lindsay	3000
36	Cuthbert	Lindsay	3000
37	Cuthbert	Lindsay	3500
38	Bernhardt	Owner	3000
39	Bernhardt	Owner	3000
40	Bernhardt	Owner	3000
41	Creon	Perkins	3000
42	Futschen	Owner	1000
43	Farrenkoff	Truffelli	2000
44	Protestant	Jacks	1000

PAIRS
(00) NO. 2640-42 BAKER STREET. Repair fire damage to flats.
Owner—Mrs. E. B. Price, Palo Alto.
Architect—Not Given.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco. $3000

ALTERATIONS
(01) NO.2558 MISSION STREET. Alter commercial building.
Owner—Hale Bros. Stores, Inc., 5th and Market Sts., San Francisco.
Plans by Alfred P. Fisher.
Contractor—Alfred P. Fisher, 111 Sutter St., San Francisco. $1920

ALTERATIONS
(02) NO. 541 EXCELSIOR AVE., Alter dwelling and store.
Owner—Cassidy & Chiotti, Premises.
Plans by B. K. Dobkowitz, 435 Monterey Bldg., S. F. $1500

November 7, 1935

DWELLING
(03) W 22nd AVE. 230 S. Vicente. One - story and basement frame dwelling
Owner and Builder — Herman Christensen, 1422 27th Ave.
Architect—Not Given. $4,000

DWELLING
(04) E 22nd AVE. 25 S Quintara. One - story and basement frame dwelling
Owner and Builder — Herman Christensen, 1422 27th Ave.
Architect—Not Given. $4,000

DWELLING
(1205) W 22nd AVE. 255 S Vicente. One - story and basement frame dwelling
Owner and Builder — Herman Christensen, 1422 27th Ave.
Plans by C. O. Clausen, 746 46th Ave. $4,000

BOTTLING PLANT
(1206) S SENECA 150 W Mission St. One-story frame bottling plant.
Owner—El Rey Brewing Co., 5050 Mission Street.
Architect—Not Given.
Contractor—C. C. Newman, 1269 Vermont Street. $8,000

ALTERATIONS
(1207) 15 PARNASSUS. Alter dwelling.
Owner—Mrs. Mosse, premises.
Architect—Not Given.
Contractor—Jack Callaghan, 900 Clayton Street. $1,000

DWELLING
(1208) E 18th AVE. 225 S Vicente. One - story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave.
Architect—Not Given. $3,500

DWELLING
(1209) E 24th AVE. 120 S Ocean. One - story and basement frame dwelling.
Owner—F. Nelson & Sons, 2901 19th Avenue.
Architect—Not Given. $4,000

ALTERATIONS
(1210) SW 16th ST. and Bryant. Alter store and flats.
Owner—Jas. J. Larkin, premises.
Architect—Not Given.
Contractor—J. B. McSheehy, 137 Clifford Terrace. $2,500

DWELLING
(1211) E 20th AVE. 200 S Kirkham. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1212) S LAWTON 27 E 31st Ave. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1213) E 30th AVE. 150 S Lawton. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1215) SE 21st AVENUE and Lawton. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1216) E 44th AVE. 225 N Kirkham. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $4,000

DWELLING
(1217) E 30th AVE. 175 S Kirkham. One - story and basement frame dwelling.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
Architect—Not Given. $4,000

DWELLING
(1218) E LAMARTINE 200 N Cayuga. One - story and basement frame dwelling.
Owner and Builder—A. Berwick, 1525 Noe Street.
Architect—Not Given. $4,000

(1219) E LAMARTINE 225 N Cayuga. One - story and basement frame dwelling.
Owner and Builder—A. Berwick, 1525 Noe Street.
Architect—Not Given. $4,000

DWELLING
(1220) N NORIEGA 31 W 24th Ave. One - story and basement frame dwelling.
Owner—Anza Home Bldg., Co., care contractor.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street. $3,000

DWELLING
(1221) N NORIEGA 57 W 24th Ave. One - story and basement frame dwelling.
Owner—Anza Home Bldg., Co., care contractor.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street. $3,000

ALTERATIONS
(1222) 1253 CHESTNUT STREET. Alter flats.
Owner—D. and J. O'Connor, premises.
Architect—Not Given.
Contractor—B. W. Demarais & Sons, 732 Page Street. $1,200

FERMENT CELLARS
(1223) S CARROLL 65 E Newhall. Two-story Class A ferment cellars.
General Brewing Corp., 2601 Newhall.
Architect—F. H. Meyer, 525 Market.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Cahill Brothers, Inc., 206 Sansome Street. $35,000

ALTERATIONS
(1224) 595 UTAH ST. Alter dwelling.
Owner—F. Fehse, care contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market Street. $1,000

SERVICE STATION
(1225) NW THIRD ST. and Jerrold. One-story steel service station.
Owner—J. E. Loveless, care contractor.
Architect—Not Given.
Contractor—Fred J. Early, Jr., 369 Pine Street. $3,000

ALTERATIONS
(1226) CLAY AND WEBSTER STS. Alter hospital.
Owner—Stanford University Hospital, % Contractor.
Architect—Hervey P. Clark, 251 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco. $1000

ALTERATIONS
(1227) NO. 140 LEAVENWORTH St. Alter factory and offices.
Owner—Wells Fargo Bank, 2 Montgomery St. San Francisco.
Architect—Erle B. Bertz, Monadnock Bldg., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. $1000

ALTERATIONS
(1228) NO. 2574 MISSION ST. Alter store.
Owner—Hale Bros., Fifth and Market Sts., San Francisco.
Engineer—Alfred P. Fisher, 111 Sutter St., San Francisco.
Contractor—Not Given. $1800

DWELLING
(1229) W TWENTY-THIRD AVE. 125 S Kirkham St. One-story and basement frame dwelling.
Owner—G. W. Hutchinson, 1638 23rd Ave., San Francisco.
Architect—Not Given. $3500

CLUB BLDG.
(1230) E STOCKTON ST. 72 N Union St. One-story Class B and C club building.
Owner—Unione Sportiva Italiana, 415 Broadway, San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—Not Let. $20,000

DWELLING
(1231) E 24th AVE. 222 N Wawona. One - story and basement frame dwelling.
Owner — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(1232) E 17th AVE. 287 N Taraval. One - story and basement frame dwelling.
Owner — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(1233) E 17th AVE. 260 N Taraval. One - story and basement frame dwelling.
Owner — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(1234) E 24th AVE. 247 N Wawona. One - story and basement frame dwelling.
Owner — Land Development Co., 364 Bush Street.
Architect—Not Given. $3,000

DWELLING
(1235) SE SENECA AND DELANO. One - story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford $3,000

DWELLING
(1236) S SENECA 27 E DELANO. One - story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford. $3,000

DWELLING
(1237) SW BANNOCK and Seneca. One - story and basement frame dwelling.
Owner—Martin L. Cuthbert, 940 Geneva Avenue.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford $3500

DWELLING
(1238) W 32nd AVE. 100 N Vicente. One-story frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—C. O. Clausen, 746 46th Ave. $3,000

DWELLING
(1239) W 32nd AVE. 150 N Vicente. One-story frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—C. O. Clausen, 746 46th Ave. $3,000

DWELLING
(1240) W 32nd AVE. 125 N Vicente. One-story frame dwelling.
Owner—Bernhardt & Cowen, 924 Taraval.
Architect—C. O. Clausen, 746 46th Ave. $3,000

DWELLING
(1241) W 22nd AVE. 200 S Vicente. One - story and basement frame dwelling.
Owner—G. Creon, 2633 22nd Ave.
Plans by B. K. Dobkowitz, 425 Monterey Blvd.
Contractor—E. W. Perkins, 510 Stockton Street. $3,000

SUPPLY STATION
(1242) SE BAYSHORE and Marengo. One-story steel auto supply station.
Owner—Carl H. Futschen, 3548 Mission Street.
Architect—Not Given. $1,000

ALTERATIONS
(1243) 45 WHITNEY. Alter apts.
Owner—Wm. Farrenkoff, premises.
Architect—Not Given.
Contractor—J. Truffelli, 1165 Clay St. $2,000

ALTERATIONS
(1244) 2770 LOMBARD Street. Alter home.
Owner—Protestant Episcopal Old Ladies' Home, premises.
Architect — F. Eugene Barton, Crocker Building.
Contractor—Jacks & Irvine, 620 Market Street. $1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
916	Wollter	Knight	6500
917	Mehrtens	Haulman	4000
918	Ludeman	Alley	1451
919	McCarthy	Stead	6658
920	Sanderleet	Owner	2400
921	Sea	Petersen	1000
922	Millette	Petersen	3500
923	California	Owner	7000
924	Madge	Anderson	2600
925	Modern	Owner	2800
926	Hurley	Rose	5500
927	Daney	Windsor	6000
928	Moore	Waldman	3500
929	Goldsmith	Daley	6000
930	Jacobs	Jensen	9000
931	Whalen	Owner	4500
932	Savage	Haosen	2800
933	Larsen	Rose	1500
934	Johnson	Nerheim	1000
935	Warren	Owner	4000
936	Kent	Owner	4750
937	Kent	Owner	4750
938	Hazel	Larsen	2400
939	Bruzone	Milton	1900
940	Botto	Passarino	1500
941	Phipps	Bretherick	2030
942	Purrington	Waring	2500
943	Johnson	Coburn	8000
944	Church	Parks	5000

DWELLING
(916) NO. 1628 MORELAND DRIVE **ALAMEDA.** One and one-half-story 7-room stucco dwelling.
Owner—Harry Wollter, 1622 Broadway, Alameda.
Architect—F. H. Slocombe, Oakland.
Contractor — H. C. Knight, Powell Blvd., Alameda. $6500

DWELLING
(917) NO. 737 BUENA VISTA AVE., **ALAMEDA.** One-story five-room frame and rustic dwelling.
Owner—C. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Paul Anderson.
Contractor—P. Rayol Haulman, 1243 Broadway, Alameda. $4000

REPAIRS
(918) NO. 1315 CAROLINE STREET, **ALAMEDA.** Repair fire damage to frame dwelling.
Owner—Mrs. Ludeman, 1081 Park Ave., Alameda.
Architect—Not Given.
Contractor—Leslie Alley, 1621 Encinal Ave., Alameda. $1451

FLATS
(919) NO. 2647-49 IVY DRIVE, **OAKLAND.** Two-story 10-room flats.
Owner—M. J. McCarthy, 900 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—Frank A. Stead. $6658

DWELLING
(920) NO. 6261 ROBIN HOOD WAY, **OAKLAND.** One-story five-room dwelling.
Owner—V. R. Sanderleet, Premises.
Architect—Not Given. $2400

ALTERATIONS
(921) NO. 441 TWELFTH STREET, **OAKLAND.** Alterations.
Owner—Sea Cove Grill, Premises.
Architect—Not Given.
Contractor — J. B. Petersen & Son, 4021 Agua Vista Ave., Oakland. $1000

DWELLING
(922) NO. 1615 EIGHTIETH AVE., **OAKLAND.** One-story five-room dwelling.
Owner—Belle Millette, 1621 80th Ave. Oakland.
Architect—Not Given.
Contractor—J. B. Petersen & Son, 4021 Agua Vista Ave. $3500

FACTORY
(923) 2535 FIFTH ST., **BERKELEY** One-story 1-room all-metal factory.
Owner and Builder—California Corrugated Culvert Co., 2535 Fifth St. Berkeley.
Architect—Not Given. $7,000

DWELLING
(924) 829 EAST 24th ST., **OAKLAND** One-story 3-room dwelling.
Owner—S. F. Madge, 727 E 24th St. Oakland.
Architect—Not Given.
Contractor—Chas. Anderson, 3917 Park Blvd., Oakland. $2,00

ALTERATIONS
(925) 193 12th ST., **OAKLAND.** Alterations.
Owner and Contractor—Modern Food Co., 57th Ave. and E 14th Street Oakland.
Architect—Not Given. $350

DWELLING
(926) 1347 HOLMAN RD., **OAKLAND** Two-story 7-room dwelling.
Owner—J. A. Hurley.
Architect—Not Given.
Contractor—Wm. A. Rose, 428 25th St., Oakland. $550

DWELLING
(927) 1616 LEIMERT BLVD., **OAKLAND.** One-story 5-room dwelling.

Owner—R. J. Doney, 614 Athol Ave., Oakland.
Architect—Not Given.
Contractor—Gen. Windsor, 928 Kingston Ave., Piedmont. $5,000

DWELLING
(928) 6859 HOLLIDAY AVE., **OAKLAND.** One-story 5-room dwelling.
Owner—W. L. Moore, 4650 E 14th St., Oakland.
Architect—Not Given.
Contractor—A. E. Waldman, 3194 McKillop Road, Oakland. $3500

ALTERATIONS
(929) 3428 FRUITVALE AVE., **OAKLAND.** Alterations and addition.
Owner—J. L. Goldsmith, San Francisco.
Plans by G. W. Cotterill, 4231 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $6,000

DWELLING
(930) 1 WILLARD PLACE, **OAKLAND.** Two-story dwelling.
Owner—L. R. Jacobs.
Architect—Newsom & Newsom, San Francisco.
Contractor—Jensen & Petersen, 3443 Adeline St., Oakland. $9,000

DWELLING
(931) 2246 CARLTON, **BERKELEY.** One-story 6-room frame dwelling.
Owner and Contractor—John F. Whalen, 461 Lee Ave., Oakland.
Architect—Not Given.

DWELLING
(932) N0. 3206 THOMPSON AVE., **ALAMEDA.** Two-story 5-room frame and stucco dwelling.
Owner—G. Savage.
Architect—Not Given
Contractor—Chris. Hansen, 1500 Santa Clara Ave., Alameda. $3800

REPAIRS
(933) NO. 1901 BUENA VISTA AVE. **ALAMEDA.** Repair fire damage and alterations.
Owner—Louis Larsen. Premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1500

STATION
(934) NO. 3636 HOPKINS STREET, **OAKLAND.** Steel service station.
Owner—Carl Johnson, 3617 Patterson Ave., Oakland.
Architect—Not Given.
Contractor—Nerheim & Bakke, 3276 Arizona St., Oakland. $1000

DWELLING
(935) NO. 2624 FIFTY-SEVENTH Ave., **OAKLAND.** One-story six-room dwelling.
Owner — Weldon H. Warren, 3812 Canon Ave., Oakland.
Architect—Not Given. $4000

DWELLING
(936) NO. 3992 LYMAN ROAD, **OAKLAND.** Two-story six-room dwlg.
Owner—Kathryn Kent, 3027 Capp St., Oakland.
Architect—Not Given $4750

DWELLING
(937) NO. 3996 LYMAN ROAD, **OAKLAND.** Two-story 6-room dwelling.
Owner—Kathryn Kent, 3027 Capp St., Oakland.
Architect—Not Given $4750

ADDITIONS
(938) NO. 8825 G STREET, **OAKLAND.** Steel additions.
Owner—Hazel Atlas Glass Co., Prem.
Architect—Not Given.
Contractor — Larsen & Larsen, 629 Bryant St., S. F. $1200 each

STATION
(939) NO. 140 BAY PLACE, **OAKLAND.** One-story brick service station.
Owner—E. Bruzono.
Architect—K. C. Schuppert.
Contractor — B. Milton, 589 Haddon Road, Oakland. $1900

ALTERATIONS
(940) NO. 936 THIRTY - SEVENTH Street, **OAKLAND.** Alterations.
Owner—Giorgia Botto, 2734 Union St., Oakland.
Architect—Not Given
Contractor—John Passarino, 1147 55th St., Oakland. $1500

DWELLING
(941) NO. 8101 NEY AVE, **OAKLAND** One-story 5-room dwelling and garage.
Owner—Caroline Phipps.
Architect—Not Given.
Contractor — C. O. Bretherick, 3982 Whittle Ave., Oakland. $2030

ALTERATIONS
(942) NO. 12001 BROADWAY TERrace, **OAKLAND.** Alterations and additions.
Owner—D. D. Purrington, Premises.
Architect—Earl MacDonald.
Contractor—Archie Waring, 3234 Prentiss St., Oakland. $2500

REPAIRS
(943) NO. 940 ARLINGTON STREET **OAKLAND.** Fire repairs.
Owner—S. T. Johnson Co., Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $8000

DWELLING
(944) NO. 1191 SPRUCE ST., **BERKELEY.** One-story 5-room frame dwelling.
Owner—Dr. Church, 1006½ Cragmont Ave., Berkeley.
Architect—R. Hardman, Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $5000

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
150	Pacific	Zelinsky	1408

ALTERATIONS
(150) NO. 140 NEW MONTGOMERY St. All work for re-lacquering all window rails and bars in building.
Owner — Pacific Telephone & Telegraph Co., Premises.
Architect—Not Given.
Contractor—D. Zelinsky & Sons, Inc., 163 Grove St., San Francisco.
Filed Nov. 12, '35. Dated Oct. 22, '35.
When completed 75%
Usual 35 days..... Balance
TOTAL COST, $1408.25
Bond, $1408. Surety, Pacific Indemnity Co. Limit, 30 working days. Forfeit, none. Specifications only filed.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
148	Skelly	Rosseau	12500
149	Skelly	Rosseau	12000

FLATS
(148) E AVILA 357-6 S Beach St.; two - story and basement frame flats.
Owner—James D. and Frances Skelly.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.
Filed, Nov. 7, '35. Dated Oct. 9, '35.
Frame up and roof on..... $3,125
Brown coated 3,125
Completed 3,125
Usual 35 days 3,125
TOTAL COST, $12,500
Bond, $12,500, Sureties, Massachusetts Bonding & Insurance Co. Limit, 130 working days. Plans and Spec. filed.

FLATS
(149) N CAPRA WAY 53 E Avila; two - story and basement frame flats.
Owner—James D. and Frances Skelly.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.
Filed, Nov. 7, '35. Dated Oct. 9, '35.
Frame up and roof on $3,000
Brown coated 3,000
Completed 3,000
Usual 35 days 3,000
TOTAL COST, $12,000
Bond, $12,000. Sureties, Massachusetts Bonding & Insurance Co. Limit, 130 working days. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER dwelling, $500; NW Sansome and Washington; owner, I. Zellerbach, care contractor; contractor, Jacks & Irvine, 620 Market St.

BILLBOARD, $7; NE Bay and Fillmore Sts.; owner, Foster & Kleiser Co., 1675 Eddy St.

SIGN, electric, $100; 1498 Valencia St.; owner, Nick Rubino, premises; contractor, Neon Sign Service Co., 1707 Folsom Street.

ALTER dwelling, $40; 123 Hale St.; owner, N. Bachinski, premises; contractor, C. A. Wiatrowski, 130 Wayland.

ALTER store, $500; 3195 Mission St.; owner, L. Pfeiffer, premises; contractor, Richard Delucchi & Co., 3275 San Bruno Ave.

ALTER flats, $270; 630 Oak St.; owner, John H. Ahnden, 822 39th Ave.; contractor, E. A. Anderson, 1177 De Haro.

ALTER dwelling, $750; 201 Magellan; owner, Mrs. Ruby Hallinan, 201 Magellan.

SIGN, electric, $125; 3522 20th Street; owner, Clarks, premises; contractor, QRS Neon Corp., Ltd. ,690 Potrero Ave.

ALTER dwelling, $150; 427 29th St.; owner, Jack Stihl, premises.

ALTER dwelling, $200; 938 Santiago; owner, Jos. Anderegg, premises.

ALTER flats, $700; 642 Central Ave.; owner, P. Laustauman, 120 Paloma.

ALTER store, $300; 768 Howard St.; owner, P. B. Fieley, premises.

ALTER dwelling, $250; 2300 27th Ave.; owner, J. B. Solache, premises.

SIGN, electric, $275; 320 Judah Street; owner, Henry Doelger, premises; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.

ALTER dwelling, $375; 3825 25th St.; owner, D. Greenblat, premises.

BARBER pole, $20; 410 Dewey; owner, Mr. Howey, premises.

REPAIR fire damage to dwelling, $800; 760 5th Ave.; owner, Mrs. Ford, care contractor; contractor, L. Salomon, 1734 Broderick St.

ALTER dwelling $250; 66 Naples; owner, F. Gamin, premises.

SERVICE station, 1-story steel, $800; SE Bayshore and Marengo; owner, Carl H. Futschen, 3548 Mission St.

ALTER stores and apartments. Cost, $50; 567 Valencia St.; owner, Fred Braun Co., Premises; contractor, H. J. Keneally, 2175 Green St.

ALTER dwelling, $400; 2515 Gough St. owner, F. L. Stavrum, % Contractor; contractor, Wm. Martin, 666 Mission St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Revised.

STORE AND APTS. Cost, $4007
SACRAMENTO, Sacramento Co., Cal. Sixteenth Street N O Street.
Two-story frame and stucco apartment and store building.
Owner—Morris Coulter.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
New bids will be asked shortly.
Low bid on previous opening was submitted by L. S. Gould, 1623 O St., Sacramento.

4— FACTORIES & WAREHOUSES

To Be Done by Day's Work

BUILDING Cost, $5,000
SAN FRANCISCO. N Francisco 100 E Taylor Street.
One - story and basement frame light manufacturing building.
Owner—John Albertoli, 1101 Francisco Street.
Architect—Not Given.

To Ask Bids Within One Week.

ADDITION Cost, $30,000
OAKLAND, Alameda Co., Calif. 1148 E 18th Street.
Two-story Class C brick addition to manufacturing plant (170x45 ft.)
Owner—Mother's Cake & Cookie Co., 1148 E 18th St., Oakland.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland.

November 11 1935

Plans Completed.

PLANT Cost, $10,000
SAN FRANCISCO. S Seneca Ave. 150 W Mission St.
One-story frame bottling plant.
Owner — El Rey Brewing Co., 5050 Mission St., San Francisco.
Plans by C. C. Newman, 1269 Vermont St., San Francisco.

Plans Being Prepared.

SHOP Cost, $15,000
OROVILLE, Butte Co., Cal. Oroville High School Campus.
One-story frame shop building (9000 sq. ft. of floor space).
Owner—Oroville High School Dist.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.

STRUCTURAL STEEL CONTRACT AWARDED

SANTA MONICA, Los Angeles Co., Cal.—Consolidated Steel Corp., Slauson and Eastern Aves., Los Angeles, awarded contract for furnishing and erecting structural steel for an addition to the Douglas Aircraft Co. plant at 3000 Ocean Park Blvd., Santa Monica. The addition will be a steel frame structure, 200x300 ft. in area and 40 ft. high. Architect Edward C. Taylor and Structural Engineer Ellis Wing Taylor, 803 W 3rd St., Los Angeles, are preparing plans.

Contract Awarded

FERMENT CELLARS Cost, $35,000
SAN FRANCISCO. S Carroll E Newhall Street.
Two-story Class A ferment cellars.
Owner—General Brewing Corp., 2601 Newhall Street.
Architect—F. H. Meyer, 525 Market.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Cahill Bros., 206 Sansome Street.

To Be Done By Day's Work.

FACTORY Cost, $8,000
BERKELEY, Alameda Co., Calif. 2536 Fifth Street.
One-story steel factory.
Owner—California Corrugated Culvert Co., 2535 5th St., Berkeley.
Plans by Engineering Dept. of Owner.

Sub-Contracts Awarded.

ALTERATIONS Cost, $5000
OAKLAND, Alameda Co., Cal. Foot of Nineteenth Avenue.
Alterations to factory.
Owner—Atlas Imperial Diesel Engine Co., Premises.
Architect—Not Given.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Electric Wiring—Pacific Electric Motors, 10th and Oak Sts., Oakland.
Lathing and Plastering—A. D. Aston, 1144 Klendora St., Oakland.
Lumber — Sunset Lumber Co., 400 High St., Oakland.
Wood Sash and Mill Work—Lannom Bros. Mfg. Co., 5th and Magnolia Sts., Oakland.
Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.
Painting — Lindahl & Hurtig, 1536 Edith St., Berkeley.
Concrete — J. H. Fitzmaurice, 2857 Hannah St., Oakland.

Contract Awarded.

WAREHOUSE Cost, $10,000
NAPA, Napa Co., Cal. Atlas Way.
One-story reinforced concrete warehouse (100x72 feet).
Ownre—P. De La Montanya Distillery
Architect—Not Given.
Contractor—Basalt Rock Co., 900 8th St., Napa.

To Be Done By Day's Work.

ALTERATIONS Cost, $4000
OAKLAND, Alameda Co., Cal. No. 193 12th Street.
Alterations to factory.
Owner—Modern Food Co., 57th and E-14th St., Oakland.
Architect—Not Given.

Contract Awarded.

OAKLAND, Alameda Co., Cal. No. 3428 Fruitvale Avenue.
Alterations and additions to building.
Owner—J. L. Goldsmith.
Plans by G. W. Cotterill, 4211 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville.

COMPLETING PLANS

NEAR SANTA BARBARA, Calif.—Architect W. W. Ache, 301 N Citrus Ave., Los Angeles, is completing plans for two frame citrus plant buildings to be erected for Toleta Citrus Growers Assn., on their property located approximately ten miles north of Santa Barbara. One of the buildings will be a one-story packing house, 120x300 feet in area, equipped for receiving, washing, coloring and packing lemons; and the other will be a two-story, air conditioned storage structure, approximately 120x154 feet in area; wood exteriors, composition roofing, steel and wood roof trusses, steel sash, cement, mastic, maple and pine floors, steel pivoted ventilator openings, air conditioning equipment, etc. Bids will be asked in about ten days.

New Bids Wanted—To Close Nov. 21, 4:00 P. M.

COTTON COMPRESS UNIT Cost, $60,000
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission (B. C. Allin, Secretary).
Plans by Engineering Dept. of Owner.
Plans and specifications may be obtained from above office upon deposit of $20.
On previous bid opening lowest bid was submitted by O. H. Chain, 41 S. Sutter St., Stockton, at $45,790.

Structural Steel Contract Awarded

FERMENTING CELLARS Cost $35,000
SAN FRANCISCO. S Carroll E Newhall Street.
Two-story Class A fermenting cellars.
Owner—General Brewing Corp., 2601 Newhall Street.
Architect—F. H. Meyer, 525 Market.
Engineer—C. H. Snyder, 251 Kearny.
Contractor—Cahill Bros., 206 Sansome.
Structural Steel—Western Iron Works, 141 Beale Street.

FIRE LOSS

NAPA, Cal.—The Napa Milling & Warehouse plant, located at Main and Fourth Sts. was destroyed by fire November 12. Damage estimated at $150,000, which is covered by insurance.
Robert T. Kelg is owner of the

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 140 Leavenworth Street.
Alterations to factory and offices.
Owner—Wells Fargo Bank, 2 Montgomery St., San Francisco.
Architect—Earle B. Bertz, Monadnock Bldg., San Francisco.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Plans Being Figured—Bids Close Nov. 18 1:00 P. M.

BOTTLING PLANT Cost, $——
MODESTO, Stanislaus Co., Cal. 11th and Needham Streets.
One and two-story tile and concrete bottling plant (40x120 feet); composition and tile roofing, concrete floors, steel sash, etc.
Owner—Coca Cola Company.
Architect—G. N. Hilburn, 1213 I St., Modesto.

Preparing Preliminary Plans

WAREHOUSE Cost, $——
SAUSALITO, Marin Co., Calif.
Whiskey bonded warehouse (200x160-ft.) reinforced concrete, brick and tile construction; steel sash, concrete floors, etc.
Owner—American Distilling Corp.
Engineer—W. E. Murray, 908 Hayes St., San Francisco.

5— FLATS

Contract Awarded
REPAIR FLATS Cost, $4,000
SAN FRANCISCO. 2640-42 Baker St.
Repair fire damage to flats.
Owner—Mrs. E. B. Price, Palo Alto.
Architect—Not Given.
Contractor — Fred J. Early, Jr., 369 Pine Street.

Construction Postponed Indefinitely.
FLATS Cost, $10,000 each
SAN FRANCISCO. E 23rd Avenue 150 N Geary.
Three two-story and basement frame and stucco flats (6 rooms, 2 baths each) tile and composition roofing, canvas walls, wood sash, hardwood floors, tile baths, steam heating systems, etc.
Owner—L. S. Boisson.
Architect—R. R. Irvine, 3431 Market.
Contractor—Miller & McGillis, 527 19th Avenue.

To Ask Bids Within One Week.
FLATS Cost, $9,500
VALLEJO, Solano Co., Calif.
Two-story and basement frame flats (one 8-room and one 5-room flat) rustic exterior, shingle roof, gas heating system, wood sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley Ave., Oakland.

Contract Awaarded.
FLATS Cost, $12,500
SAN FRANCISCO. E Avila Street S Beach Street.
Two-story and basement frame and stucco flats.
Owner—James D and Frances Skelly.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc. 321 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO. N Capra Way E Avila Street.
Two-story and basement frame and stucco flats.
Owner—James D. and Frances Skelly
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc. 321 Kearny St., S. F.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1258 Chestnut Street.
Alterations to flats.
Owner—D. & J. O'Connor, Premises.
Architect—Not Given.
Contractor—B. W. Demarais & Sons, 732 Page St., San Francisco.

Sub-Contracts Awarded.
ADDITION Cost, $90,000
OAKLAND, Alameda Co., Calif. G St. and 89th Avenue.
Reinforced concrete addition to plant new machinery and equipment, etc.)
Owner—Hazel Atlas Glass Co. (Russell J. Meidel, Vice President), Premises.
Plans by Engineering Dept. of Owner.
Contractor — Larsen & Larsen, 629 Bryant St., San Francisco.
Glass—W. P. Fuller Co., 301 Mission St., San Francisco.
Plumbing and Heating — Robert D. Pearey, 1075 40th St., Oakland. 10th and Oak Sts., Oakland.

6—GARAGES & SERVICE STATIONS

Contract Awarded.
SERVICE STATION Cost, $4000
SAN FRANCISCO. NW Third and Jerrold Street.
One-story steel service station.
Owner—J. E. Loveless.
Architect—Not Given.
Contractor—Fred J. Early Jr., 369 Pine St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $——
SAN JOSE, Santa Clara Co., Calif. No. 890 The Alameda, San Jose.
Alterations to service station.
Owner — General Petroleum Co., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor — Carl N. Swenson, 365 Stockton Ave., San Jose.

Contract Awarded.
SERVICE STATION Cost, $1500
OAKLAND, Alameda Co., Cal. No. 3636 Hopkins Street.
Steel service station.
Owner—Carl Johnson, 3617 Patterson Ave., Oakland.
Architect—Not Given.
Contractor—Nerkeim & Bakke, 3276 Arizona St., Oakland,

Contract Awarded.
GARAGE Cost, $1500
OAKLAND, Alameda Co., Calif.
One-story reinforced concrete two-car garage.
Owner—Withheld.
Architect — Ray Keefer, 770 Wesley St., Oakland.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

Contract Awarded
SERVICE STATION Cost, $2,500
OAKLAND, Alameda Co., Calif. 140 Bay Place.
One-story brick service station.
Owner—B. Bruzone.
Architect—R. C. Schuppert, 4637 Park Blvd., Oakland.
Contractor—B. Milton, 589 Haddon Rd. Oakland.

7— FEDERAL BUILDINGS

Contract Awarded.
POST OFFICE Cont. Price, $40,000
MONTEBELLO, Los Angeles Co., Cal.
United States Post Office Bldg.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor — W. Roy Ware, 720 S. Painter Ave., Whittier.

BIDS OPENED
MONTEREY, Monterey Co., Cal.—Usonia Mfg. Co., St. Louis, Mo., at $174 submitted low bid to Custodian, U. S. Post Office, Monterey, for two aluminum bulletin boards for Monterey post office.
Complete bids follow:
Usonia Mfg. Co., St. Louis.....$174
Newman Bros., Inc., Cincinnati.... 184
Michel & Pfeffer, San Francisco.... 269
Anchor Post Fence Co., S. F..... 282
Ornamental Iron Works, Akron..... 650
Bids held under advisement.

BIDS OPENED
BELLINGHAM, Wash.—D. E. Fryer & Co., Seattle, and Mills Company, Cleveland, Ohio, at $325 submitted identical low bids to Treasury Department for metal and glass partitions on the third floor of the U. S. Post Office at Bellingham, Wash.
Complete bids follow:
D. E. Fryer & Co., Seattle.....$325
Mills Co., Cleveland..... 325
Sanymetal Products Co., Cleveland, Ohio 332
E. H. Hauserman Co., Cleveland, Ohio 337

BIDS WANTED
SAN GABRIEL, Los Angeles Co. Cal.—Until December 4, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Post Office at San Gabriel.
Specifications may be obtained from above office

BIDS REJECTED
KETCHIKAN, Alaska — Treasury Department rejected bids for furnishing prison equipment for Jail building and Courthouse to be erected at Ketchikan, Alaska.
New bids will be asked shortly.

Bids Rejected.
POST OFFICE Cost, $300,000
KETCHIKAN, Alaska.
U. S. Post Office, Courthouse and Jail (work complete excepting elevators).
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Plans will be revised and new bids asked at a later date.
On bid opening lowest bid was submitted by the Warrack Construction Co., McDowell Bldg., Seattle, at $278,580 (item 1) and $317,500 (item 2)

BIDS WANTED
MONTEBELLO, Los Angeles Co., Cal.—Until December 3, 10 A. M., bids will be received Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Post Office at Montebello.
Specifications may be obtained from above office.

BIDS WANTED
VENTURA, Cal.—Until December 2, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Post Office at Ventura.
Specifications may be obtained from above office.

BIDS WANTED
WHITTIER, Los Angeles Co., Cal.—Until December 4, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S Post Office at Whittier.
Specifications may be obtained from above office

CONTRACT AWARDED
SAN FRANCISCO—Washington Ormental Co., Inc., at $600 awarded contract by Treasury Department, for plaster models for the U. S. Mint, San Francisco.

BIDS WANTED
DENVER, Colo.—Until December 2, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Custom House extension in Denver, Colorado.
Plans and specifications may be obtained from above office.

BIDS WANTED
HONOLULU, T. H.—Until January 3, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for painting plaster, etc., in the U. S. Post Office, Courthouse and Customhouse at Honolulu, T. H. On previous bid opening lowest bid was submitted by W. B. Kam, Honolulu, at $2850.
Plans and specifications may be obtained from above office.

LOW BIDDERS
ROSEBURG, Ore.—Seattle Lighting Fixture Co., 222 2nd St., Seattle, at $612 submitted low bid to Treasury Department, Washington, D. C., for

furnishing and installing interior lighting fixtures, etc., in the U. S. post office at Roseburg. Second low bid was submitted by Mutual Metal Mfg. Co., Chicago, at $620.

Bids held under advisement.

BIDS WANTED

SAN FRANCISCO—Until November 19, 2 P. M., bids will be received by the Custodian, U. S. Post Office, Rm. 308, 7th and Mission Streets, for new roofing over old portion of the Post Office, 7th and Mission Sts. Specifications may be obtained from above office. No deposit required.

BIDS OPENED

GAMBOA, C. Z.—Greiben & Martinz, Inc., Panama, at $274,946 submitted low bid to Quartermaster, Panama Canal, Balboa Heights, C. Z., for construction of industrial buildings consisting of a main shop building, general storehouse, lumber shed, spare parts shed, sandblast shed, paint shop and motor boat repair shop, employees' quarters, including six one-family dwellings, ten 2-family houses, nine 12-family buildings, 16-room bachelors quarters, 24-room bachelors quarters and mess, 8-apt. bachelors quarters at Gamboa, C. Z.

Complete bids follow:

(1) work complete;
(2) Project A Items 1, 2, 3, 4 and 5 (Gold quarters);
(3) Project B, Items 6 and 7 (Silver quarters);
(4) Projects A and B, Items 1, to 7, inc. (Gold and Silver quarters);
(5) Project C, Items 8 to 14 inclusive (Industrial buildings).

Grebien and Martinz, Inc., Panama	(1)	$274,946
	(2)	135,277
	(3)	88,152
	(4)	220,490
	(5)	66,199
Novey & Luttrell, Panama	(1)	$329,000
	(2)	160,000
	(3)	111,000
	(4)	266,000
	(5)	73,000

Bids held under advisement.

BIDS WANTED

TUCSON, Ariz.—Until Dec. 27, 2:30 P. M., bids will be received by Veterans' Administration, Room 764, Arlington Bldg., Washington, D. C., for additions to Administration Building No. 1, at Tucson. Work includes reinforced concrete, hollow tile, brick work, cast stone, slate stair treads, marble work, floor and wall tile, linoleum floors, iron work, steel sash, steel stairs, tile roofing, metal lathing, plasterning, acoustical treatment, carpentry, awnings, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, outside service connections, etc.

Plans and specifications may be obtained from the above office and from the Supervising Superintendent of Construction, Veterans' Administration Facility, Palo Alto, Calif.

PLANS COMPLETE

SANTA BARBARA, Calif.—Supervising architect of the Treasury Department, Washington, D. C., has completed working drawings for the new U. S. post office building to be erected on Canon Perdido and Anacapa Sts., Santa Barbara. The specifications are now being written and a call for bids will probably be issued before the end of November. The building will be a two-story and basement structure, covering an area of approximately 170x170 feet, reinforced concrete and steel construction, shingle tile roof, tile floor and marble walls in lobby, metal skylights, vaults, steam heat, service elevator, paved courtyard, etc. Appropriation for the site, building and equipment is $445,000. R. D. Johnson, 707 Architects' Bldg., Los Angeles, is consulting architect.

8— CLUB BUILDINGS

Plans Being Figured—Bids Close Nov. 25, 8:00 P. M.

LODGE BLDG., ETC. Cost, $45,000
DALY CITY, San Mateo Co., Calif.
Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store building; cast-stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; 2 lodge halls, banquet hall and offices on second floor with stores on the ground floor.
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of $20.

Contracts Awarded.

AUDITORIUM Cost, $25,000
SAN JOSE, Santa Clara Co., Calif.
Lawrence Road, Napredak Park.
One and two-story frame and stucco auditorium (88x116 ft.); (adjoining auditorium will be lobby and kitchens, equipped with refrigerators etc.)
Owner—Jugo-Slav Club (Peter Tikvico, President).
Plans by M. Matanovich, Oakland.
Contractor — M. E. Yukicevich, 709 Mission St., San Francisco.
Plastering — A. W. Cordes, 666 Mission St., San Francisco.
Foundations — M. Miholovich, Cupertino.
Plumbing—M. Ljobisich, Oakland.
Mill Work—Sheehan-Ballard Planing Mill, San Jose.

9— HOSPITALS

Plans Being Figured—Bids Close Nov. 29th, 3 P. M.

PSYCHOPATHIC WARD $326,000
MEDICAL LAKE, Washington.
Three-story "L"-shaped psychopathic ward bldg. (brick and reinforced concrete construction, tile floors detention type steel sash, etc.)
Owner—State of Washington.
Architect—Geo. M. Rasque, Spokane Savings & Loan Bldg., Spokane.

Plans and specifications may be obtained from the architect upon deposit of $20.00.

Plans Completed

HOSPITAL Cost, $50,000
NEVADA CITY, Nevada Co., Calif.
One-story hospital (women's ward to accommodate 40) concrete walls, tile roof, steam heating system, steel sash, wood and linoleum floors, etc.
Owner—County of Nevada.
Architect — George Sedon, California State Life Bldg., Sacramento.

Materials will be purchased by the county and labor furnished by PWA.

Bids Wanted—To Close Dec. 5, 3 P. M.

ADDITION Cost, $128,996
MEDICAL LAKE, Washington.
Three-story brick and concrete addition to hospital (174x44 ft.) brick exterior walls, hollow clay tile interior partitions, linoleum and tile floors, detention type steel sash, etc.
Owner—State of Washington.
Architect—Geo. M. Rasque, Spokane Savings & Loan Bldg., Spokane.

Plans and specifications may be obtained from the architect upon deposit of $20.

Bids will be opened by Olaf L. Olsen, Department of Finance, Olympia, Washington.

Bids Wanted—To Close December 5, 3 P. M.

WOMEN'S WARD. Cost, $187,677
FORT STEILACOOM, Washington.
Four-story and basement reinforced concrete women's ward building at Wester State Hospital (accommodate 245 patients).
Owner—State of Washington (Olaf Olsen, Director of Finance), Olympia, Washington.
Architect—Heath, Gove & Bell, Mock & Morrison, Puget Sound Bank Bldg., Tacoma, Wash.

Plans and specifications may be obtained from the architects.

CONTRACT AWARDED

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $33.00 submitted only bid and awarded contract by Custodian, Marin Hospital, San Francisco, for roof repairs at the Marine Hospital, 14th Ave. and Lake St.

Contract Awarded.

ALTERATIONS Cost, $2000
SAN FRANCISCO. Clay and Webster Streets.
Alterations to hospital.
Owner—Stanford University Hospital.
Architect—Hervey P. Clark, 251 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.

10— HOTELS

Preparing Preliminary Plans.

HOTEL Cost, $550,000
STOCKTON, San Joaquin Co., Calif.
Fifteen-story Class A steel and concrete hotel (250 rooms and baths) steam heating plant, air conditioning system, etc.
Owner—Stockton Community Co.
Architect—William Henry Rowe, 351 California St., San Francisco.

Further details will be announced at a later date.

11—ICE & COLD STORAGE PLANTS

BIDS WANTED

FORT HUACHUCA, Arizona.—Until Nov. 15, bids will be received by the Quartermaster, Fort Huachuca, for removal of 115-ton horizontal filter compressor, compressor motor, and motor control equipment. Breaking out such part of the old 15-ton ammonia compressor foundation as is necessary before foundation for the new compressor can be poured; pouring of new compressor foundation; removal pouring of new compressor foundation; removal of present 20 ft. long, 12 pipe high, double pipe ammonia condensers from their present location; move present ammonia receiver from tank room to new position; removal of old ice cans; removal of old tank top and tank room flooring; make extension around top of the present freezing plant; install new center partition and new agitator bulkhead materials for and make alterations to freezing tank; removal of old expansion coils and headers from the freezing tank; removal of present compressor suction and discharge lines where necessary; cleaning inside of freezing tank; supply paint for and paint inside of freezing tank; ammonia piping, etc. Circular 15.

12— POWER PLANTS

CONTRACT AWARDED

MARE ISLAND, Cal. — Westinghouse Electric Company, Washington, D. C., at $9900 (items 1 and 3) awarded contract by Bureau of Yards and

Docks, Navy Department, for 75 kw. Motor Generator set and electrical equipment for floating dock at the Navy Yard, Mare Island. Spec. No. 8071.

Plans Completed
SUBSTATION Cost, $195,000
ALAMEDA, Alameda Co., Cal. Eagle and Grand Ave.
Two-story reinforced concrete substation and one-story reinforced concrete fire alarm building (composition roofing).
Owner—City of Alameda.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Mechanical Engineer—Hunter & Hudson, 41 Sutter St., San Francisco.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

Plans Being Figured—Bids Close Nov. 25th, 8 P. M.
CITY HALL Cost, $27,000
EL CERRITO, Contra Costa Co., Cal.
Two-story frame and stucco city hall.
Owner—City of El Cerrito.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Plans and specifications may be obtained from the architects upon deposit of $20.00.
Bond election will be held Nov. 23.

Bids Wanted—To Close Dec. 2nd, 2 P. M.
ALTER CITY HALL Cost ,$154,000
PORTLAND, Oregon.
Alterations to city hall (work involves entire rearrangement of council chambers, opening new entrances, completing rooms in north light well, etc.)
Owner—City of Portland.
Architect—A. E. Doyle, 1040 Pacific Bldg., Portland.
Plans and specifications may be secured from the architect upon deposit of $10.00.

To Ask Material Bids.
CITY HALL Cost, $25,000
AUBURN, Placer Co., Calif.
One- and two - story reinforced concrete city hall and central fire house.
Owner—City of Auburn.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials will be purchased by the city and labor will be furnished by the WPA.

Plans Being Prepared
CITY HALL Cost, $14,000
SEBASTOPOL, Sonoma Co., Calif.
One-story reinforced concrete city hall
Owner—City of Sebastopol.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
A bond election for $4,600 will be held in the near future. Application filed with WPA to furnish labor.

BIDS WANTED
CARSON CITY, Nev.—Until Dec. 2, 2 P. M., bids will be received by Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a materials and research laboratory building and for equipment.
Plans and specifications may be obtained from the above office upon deposit of $5.00.
The PWA has approved a grant of $30,000 to finance the construction.

November 13, 1935

Plans Being Figured—Bids Close Nov. 26th, 10 A. M.
LIBRARY Cost, $38,000
BERKELEY, Alameda Co., Calif. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Opened.
HALL & FIRE DEPT. Cost, $50,000
MILL VALLEY, Marin Co., Calif.
Two-story Class C concrete brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architects—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco
Low Bidder—V. Maggiora, 15 Harrison Ave., Sausalito, at $54,990.
Complete bids follow:
V. Maggiora, Sausalito.....$54,990
Einar C. Petersen, S. F..... 62,933
Leibert & Trobock, San Rafael 64,095
Bids were taken under advisement.

BOND ELECTION CANCELLED
MODESTO, Stanislaus Co., Cal.—Stanislaus County Board of Supervisors cancelled bond issue in the amount of 500,000 scheduled to be held on December 13. Proceeds were to have financed construction of public buildings in Modesto, including hall of records, alterations and repairs to present courthouse and improvementts to County Hospital, etc. (8334) 1st report Nov. 5, 1935. *

BIDS REJECTED
SAN FRANCISCO.—Department of Public Works rejected bids for replacing all bearings with sleeve bearing for gearless elevators in the City Hall. Lowest bid was submitted by Otis Elevator Co., 1 Beach St., at $2,-311.80.

14— RESIDENCES

Contract Awarded
RESIDENCE Cost, $12,500
OAKLAND, Alameda Co. ,Cal. Claremont Pines.
Two - story and basement frame and stucco residence (8 rooms and 3 baths) Spanish style, tile roof, tile roof, steel sash, oak plank floors, hot air heating system, etc.
Owner—Withheld.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland.

Contract Awarded
RESIDENCE Cost, $—
MORAGA, Contra Costa Co., Calif.
One - story and basement frame and stucco residence (5 rooms) shake roof, gas heating system, hardwood floors, etc.
Owner—Mr. Breed.
Architect—F. L. Confer, 2812 Russell Street, Berkeley.
Contractor—W. Vernon Bernard, 227 San Carlos St., Berkeley. *

Contract Awarded.
RESIDENCE Cost, $13,000
PALO ALTO, Santa Clara Co., Calif. 2100 Bryant Street.
Two-story and basement frame and stucco residence.
Owner—Mrs. A. F. Plymire and Miss J. E. Lauson.
Architect—Not Given.
Contractor—W. F. Klay, 124 University Ave., Palo Alto.

Sub-Bids Being Taken.
RESIDENCE Cost, $6000
CORTE MADERA, Marin Co., Calif.
One-story frame residence (6 rooms) Monterey - Colonial Type, shake roof, gas heating system, wood sash, hardwood floors, tile baths.
Owner—R. Kramer.
Architect—D. E. Jackle, 126 Post St., San Francisco.
Contractor—Gordon Morris, 95 Pinehurst Way, San Francisco.

Contract Awarded.
RESIDENCE Cost, $14,000
PALO ALTO, Santa Clara Co., Calif. No. 174 Edgewood Drive.
Two-story frame and stucco residence
Owner—Dr. Milton Faler.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Wells P. Goodenough, 469 Lowell Ave., Palo Alto.

To Be Done By Day's Work.
DUPLEX RESIDENCE Cost $5500
STOCKTON, San Joaquin Co., Calif. 410-412 West Walnut Street.
One-story frame and stucco duplex residence.
Owner and Builder—D. L. and H. Belew, 236 No. Grant St., Stockton.
Architect—Not Given.

Plans Being Figured—Bids Close Nov. 18, 3:00 P. M.
RESIDENCE Cost, $—
HILLSBOROUGH PARK, San Mateo Co., Calif.
Two-story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.
Owner—George Taylor.
Architect—Harold Stoner, West Portal and Portola Drive, San Francisco.
A. F. Mattock, 212 Clara St., San Francisco, and Moore & Roberts, 693 Mission St., San Francisco, are figuring the plans.

Contract Awarded
RESIDENCE Cost, $6,000
BERKELEY, Alameda Co., Calif. 1191 Spruce Street.
One-story frame and stucco residence (five rooms).
Owner—Dr. Church, 1006½ Cragmont, Berkeley.
Architect—A. Hardman, 2068 Allston Way, Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley.

Contract Awarded.
RESIDENCE Cost, $3000
OAKLAND, Alameda Co., Cali. No. 729 E-24th Street.
One-story frame residence (3 rooms).
Owner—S. F. Madge, 724 E-24th St., Oakland.
Architect—Not Given.
Contractor — Chas. Anderson, 2917 Park Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E 30th Avenue S Kirkham Street.
Five one-story and basement frame and stucco residences.
Owner and Builder — Henry Doelger Builder, Inc., 320 Judah Street, San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E Lamartine St. N Cayuga Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—E. Berwick, 1525 Noe St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $4500
OAKLAND, Alameda Co., Cal. No. 6859 Holliday Avenue.

One-story and basement frame and stucco residence (5 rooms).
Owner—W. L. Moore, 4050 E-14th St., Oakland.
Architect—Not Given.
Contractor — A. E. Waldman, 3194 McKillop Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1616 Leimert Blvd.
One-story and basement frame and stucco residence (5 rooms).
Owner—R. J. Dovey, 514 Athol Ave., Oakland.
Architect—Not Given.
Contractor — George Windsor, 928 Kingston Ave., Piedmont.

Contract Awarded.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 1347 Halman Road.
Two-story frame and stucco residence (7 rooms).
Owner—J. A. Hurley.
Architect—Not Given.
Contractor—Wm. A. Rose, 428 25th St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 2246 Carlton Street.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—John F. Whalen, 461 Lee Ave., Oakland.
Architect—Not Given.

Plans Being Completed
RESIDENCE Cost, $5,000
STOCKTON, San Joaquin Co., Calif. Pacific Manor.
One - story and basement frame and stucco residence (5 rooms) shingle roof, gas heating system, steel sash, hardwood floors, tile bath.
Owner—Ethel May Hill.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Bids will be asked in about 1 week.

Contract Awarded
RESIDENCE Coet, $6500
BERKELEY, Alameda Co., Cal. Margarido Drive and Rockridge Road.
Two-story English residence (6 rooms and 2 baths) steel sash, hardwood floors, gas heat.
Owner—A. Corseglia.
Architect—E. L. Synder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Barks, 1847 Yosemite Road, Berkeley.

BIDS WANTED
GRAND COULEE, Washington—Until December 2, 10 A. M., bids will be received by the Bureau of Reclamation, Coulee Dam, Washington, for construction of one, five-room and eleven four-room residences at the Government Camp at Grand Coulee Dam, Columbia Basin Project, Washington. Construction will be of wood frame with concrete foundations, wood roofs, etc.
Plans and specifications may be obtained from above office and from Bureau of Reclamation, Denver, Colo. and Washington, D. C.

Completing Plans.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Park.
Two-story and basement frame and stucco residence (7 rooms and 3 baths), tile roof, gas heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked within one week.

Contract Awarded
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal. Kenyon Drive.
One-story U-shaped Spanish type residence (6 rooms, 2 baths) stucco and brick exterior, tile roof, tile baths, hot air heating system, oak plank floors.
Owner—C. F. Adams.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks, 1847 Yosemite Road, Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
SAN MATEO, San Mateo Co., Calif. Euclid Avenue.
One-story and basement frame and stucco residence.
Owner—R. W. Wagoner.
Architect—Not Given.
Contractor — Storey & Taylor, 370 Hillview Ave., Redwood City.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
BAYWOOD PARK, San Mateo Co.
Two - story American - Colonial type residence (6 rooms and 2 baths) wood and brick exterior, shingle tile roof, tile baths, wood sash, gas warm air heating system.
Owner—A. C. Schade.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Herman Holsher, 325 Elm St., San Mateo.
Plumbing—Frank McGuire, San Mateo
Electric Wiring—Atlas Electric Co., San Mateo.
Sheet Metal — Izmirian Sheet Metal Works, San Mateo.
Tile Work — Benetti Tile Co., San Mateo.
Glass—D. J. Capps, Burlingame.
Brick and Stone Work—Chas. Obran & Sons, Burlingame.
Lumber—McElroy-Cheim Lumber Co. San Mateo.
Hardware — Wisnom Hardware Co., San Mateo.
Painting—Burns & Spencer, San Mateo.
Foundations—M. Camerotto, San Mateo.
Plastering—Frank Russell, San Mateo

Contract Awarded.
RESIDENCE Cost, $4500
SAN CARLOS, San Mateo Co., Cal.
One-story frame and stucco residence
Owner—G. O. Laughlin et al.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.

Plans Being Figured.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Bowling Drive.
Two-story and basement frame and stucco residence (10 rooms).
Owner—H. C. Cheek.
Architect — Roland I. Stringbam, 525 Market St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $5000
VALLEJO, Solano Co., Calif.
One-story all wood- residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—James Gee, Jr.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—James Bitcon, 625 Louisiana St., Vallejo.

Sub-Bids Being Taken.
RESIDENCE Cost, $5000
SAN FRANCISCO. Faxon Avenue (Westwood Park).
One-story and basement frame and stucco residence (six rooms) tile and composition roof, wood sash, gas hot air heating system, hard wood floors, tile bath, etc.
Owner and Builder—John Johnson, 1215 Castro St., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $50
OAKLAND, Alameda Co., Cal. No. 2624 57th Avenue.
One-story and basement frame and stucco residence (6 rooms).
Owner & Builder—Weldon H. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4
SAN FRANCISCO. W Twenty-third Ave. S Kirkham Street.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Hutchinson, 1638 23rd Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $10,0
PALO ALTO, Santa Clara Co., Cal. No. 1129 Hamilton Avenue.
Two-story frame and stucco residence
Owner—Augusta Harrold.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Brant St., Palo Alto.

Contract Awarded.
COTTAGE Cost, $2
PALO ALTO, Santa Clara Co., Ca No. 427 Forest Avenue.
One-story rustic cottage.
Owner—W. Waldegrave.
Architect—Not Given.
Contractor—J. W. Cabbage, 735 Webster St., Palo Alto.

Sub-Contracts Awarded.
RESIDENCE Cost, $—
PITTSBURGH, Contra Costa Co., C
One-story and basement frame stucco residence (5 rooms) John Manville roofing, gas heating system, hardwood floors, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks, 1847 Yosemite Road, Berkeley.
Roofing—John Maxcadi, % Contrac
Tile—Rigney Tile Co., 3012 Harris St., Oakland.
Flooring — Ambrose Bros., 1240 4 Ave., Oakland.
Lumber — Redwood Lumber Co., Hobart St., Oakland.

Sub-Contracts Awarded.
RESIDENCE & GARAGE Cost, $
BERKELEY, Alameda Co., Cal. 421 Spruce Street.
Two-story steel frame and concr residence and garage (fabric by Granelite, Inc., Richmond.
Owner and Builder—W. A. Nether 3853 Lyman Road, Oakland.
Architect—Not Given.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Electric Wiring—Electric Constr.
Heating—Atlas Heating & Ventilat Co., 1451 32nd St., Oakland.
Steel Sash—Sonle Steel Co., 1750 A St., San Francisco.
Hardware—B. Simon Co., 639 Broadway, Oakland.
Flooring—H. C. Hauser.

Contract Awarded
RESIDENCE Cost, $
ALAMEDA, Alameda Co., Calif. Thompson Avenue.
Two-story frame and stucco residence (five rooms).
Owner—G. Savage.
Architect—Not Given.
Contractor—Chris Hansen, 1500 S Clara Ave., Alameda.

-Contracts Awarded.
SIDENCE Cost, $6500
YWOOD PARK, San Mateo Co.
-story Monterey-Colonial type residence (5 rooms and 2 baths) shingle tile roof, frame and stucco construction, wood and brick exterior, oak floors, tile baths, wood sash, gas warm air heating system, etc.
ner—John A. Hawkins.
hitect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
ntractor—Herman Holsher, 325 Elm St., San Francisco.
mbing—Frank McGuire, San Mateo
et Metal — G. & M. Sheet Metal Works, San Mateo.
Work—Benetti Tile Co., San Mateo.
ss—D. J. Capps, Burlingame.
rdwood Floor—Inlaid Floor Co., San Francisco.
ck and Stone Work—Chas. Ohran & Son, Burlingame.
ndations—M. Camarotto, Burlingame.
nber—Wisnom Lumber Co., San Mateo.
Work—Nelson & Shirkey, Burlingame.
dware—Wisnom Lumber Co., San Mateo.
nting — Burns & Spencer, San Mateo.
hing and Plastering—Frank Russell, San Mateo.

nstruction Under Way.
SIDENCE Cost, $6500
RKELEY, Alameda Co., Cal. Grizzly Peak Boulevard.
-story frame and stucco residence (6 rooms, 2 baths) shake roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
ner and Builder—Randolph Parks, 1046 Peralta St., Berkeley.
hitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Ask Bids About December 1.
SIDENCE Cost, $——
RKELEY, Alameda Co., Cal. Berkeley Highlands Terrace.
-story and basement frame and stucco residence (19 rooms and 4 baths) tile roof, gas hot air heating system, steel sash, monel metal sinks, hardwood floors, etc.
ner—John H. Jones.
hitect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

Be Done By Day's Work.
TERATIONS Cost, $2,000
N FRANCISCO. 541 Excelsior.
rations to residence and store.
ner—Cassidy & Chiotti, premises.
n by B. K. Dobkowitz, 425 Monterey Blvd.

tract Awarded
SIDENCE Cost $4,500
KLAND, Alameda Co , Calif. 1615 80th Avenue.
- story and basement frame and stucco residence (5 rooms).
ner—Belle Millette, 1621 80th Ave., Oakland.
hitect—Not Given.
tractor—J. B. Petersen and Son, 4021 Agua Vista Ave., Oakland.

Be Done By Day's Work.
SIDENCE Cost, $3,000
KLAND, Alameda Co., Calif. 6261 obin Hood Way.
-story frame residence (5 rooms).
ner and Builder—V. R. Sanderlett, 6261 Robin Hood Way, Oakland.
hitect—Not Given.

ns Being Completed
SIDENCES Cost, $6,500
KLAND, Alameda Co., Calif. Head of the Lake District.

Two two-story frame and stucco residences (7 rooms and 2 baths) gas fired steam heat, shake roof.
Owner—Withheld.
Architect—Chas. McCall, 1404 Franklin St., Oakland.
Bids will be asked in one week.

Contract Awarded
COTTAGE Cost, $2,000
WOODSIDE, San Mateo Co., Calif.
One-story frame gardner's cottage (3 rooms).
Owner—Mortimer Fleischhacker.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Paul Wolter, % architect.

Contract Awarded
RESIDENCES Cost, $——
SANTA CLARA, Santa Clara Co., Cal. Pasetta Tract.
Twenty-five 2-story frame and stucco residences (6 rooms each) tile and composition shingle and shake roofs, gas heating system, hardwood floors, steel and wood sash.
Owner—. J. Pasetta, Santa Clara.
Architect—Martin J. Rist, Phelan Bldg., San Francisco.
Contractor—A. J. Wilbe, 944 Phelan Bldg., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
BURLINGAME, San Mateo Co., Cal. Burlingables.
One - story and basement frame and stucco residence (5 rooms) shake roof, oak floors, wood sash, tile bath, etc.
Owner—R. Heckford, 604 South Humboldt St., San Mateo.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—Frank Ferrea, 712 Fifth Ave., San Mateo.

Preparing Preliminary Plans.
RESIDENCE Cost, $4,500
OAKLAND, Alameda Co., Cal. Montclair District.
One - story and basement frame and stucco residence (5 rooms) tile roof, wood sash, hardwood floors, tile bath, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St. Oakland.

Plans Being Figured.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Cragmont District.
One-story frame and stucco residence (five rooms).
Owner—Mr. Dutton.
Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contract Awarded
RESIDENCE Cost, $5,000
CONTRA COSTA CO., Calif. Happy Valley.
One and one-half story masonry residence (shake roof, steel sash, hardwood floors, etc.)
Owner—Paul A. Figour.
Architect—F. L. Confer, 2812 Russell St., Berkeley.
Contractor—F. W. Confer, 1328 Arch St., Berkeley.

Contract Awarded
ALTERATIONS Cost, $2,000
SAN FRANCISCO. 644 Hearst Ave.
Alterations and additions to residence
Owner—Dr. J. P. O'Brien.
Architect—Not Given.
Contractor—Miller McGillis, 527 19th Avenue.
Plumbing—Higgins & Kraus, 741 Tehama Street.
Roofing — Excelsior Roofing Co., 1731

Contract Awarded
RESIDENCE Cost, $7,000
ALAMEDA, Alameda Co., Calif. 1628 Moreland Drive.
One and one-half - story frame and stucco residence (7 rooms).
Owner—Harry Wolter, 1622 Broadway, Alameda.
Architect—F. H. Slocomb, 131 Monte Cresta Ave., Oakland.
Contractor—H C. Knight, Powell Blvd., Alameda.

Contract Awarded
RESIDENCE Cost, $5,000
ALAMEDA, Alameda Co., Calif. 737 Buena Vista Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—C. G. Mehrtens, 1536 Webster St., Alameda.
Architect—Not Given.
Contractor—P. Royal Haulman, 1243 Broadway, Alameda.

Contract Awarded
REPAIR RESIDENCE Cost, $1,451
ALAMEDA, Alameda Co., Calif. 1315 Caroline Street.
Repair fire damage to residence.
Owner—Mrs. Ludeman, 1081 Park Avenue, Alameda.
Architect—Not Given.
Contractor—Leslie Alley, 1621 Encinal Ave., Alameda.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 5915 Moraga Avenue.
Two-story frame and stucco residence (five rooms).
Owner—M. Holmes, 4481 Moraga Ave., Oakland.
Architect—Not Given.
Contractor—C. W. Leekins, 4481 Moraga Ave., Oakland.

Contract Awarded
RESIDENCE Cost. $4,000
SAN FRANCISCO. N Noriega W 24th Avenue.
One - story and basement frame and stucco residence.
Owner—Anza Home Building Co.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, 321 Kearny Street.

To Be Done By Day's Work
RESIDENCE Cost, $4000
SAN FRANCISCO. E Eighteenth Ave. S Vicente Street.
One-story and basement frame and stucco residence.
Owner and Builder—S. F. Johnson, 2601 17th Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Twenty-second Ave. S Vicente Street.
Three one-story and basement frame and stucco residences.
Owner and Builder—Herman Christensen, 1422 27th Ave., S. F.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. E Twenty-fourth Ave. 120 S Ocean Ave.
One-story and basement frame and stucco residence.
Owner & Builder—F. Nelson & Sons, 2901 19th Ave., San Francisco.
Architect—Not Given.

Contract Awarded.
COTTAGE Cost, $2500
ORINDA, Contra Costa Co., Cal.
One-story rustic week-end cottage (living room, kitchen, two bed-

rooms, bath, maid's room, porch, etc.)
Owner—Ray Dennis, 419 38th Street, Oakland.
Architect—Harold Genss, 2249 Ward St., Berkeley.
Contractor—Edw Sommarstrom, 134 E. 12th St., Berkeley.

Sub-Contract Awarded.
RESIDENCE Cost, $6164
PALO ALTO, Santa Clara Co., Calif. Nevada and Cowper Streets.
One-story and basement frame and stucco residence.
Owner—Mrs. Bessie H. Greisser.
Architects—Dale Ford Thomson and E. J. L. Reichel, 532 Emerson St., Palo Alto.
Contractor—Geo. B. Moore, 53 Stanford Ave., Palo Alto.
Plumbing—L. Goldstein, Palo Alto.
Electric Wiring—A. E. Midgley, Menlo Park.
Sheet Metal—Mead Sheet Metal Wks., Palo Alto.
Tile Work — Art Tile & Mantel Co., San Carlos.
Brick Work—Paul Bolt, Palo Alto.
Lathing and Plastering — Ira T. Bridges, Palo Alto.
Lumber—McElroy-Cheim Lumber Co., Palo Alto.
Steel Sash—Soule Steel Co., 1750 Army St., San Francisco.
Painting—Tomas & Stone, Palo Alto.
Reinforcing Steel—San Jose Steel Co., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $17,166
KENTFIELD, Marin Co., Calif.
Two-story frame and stucco residence
Owner—Elizabeth Kent, Kentfield.
Architect—Not Given.
Contractor — Robert Watson, 15 Yolando St., San Anselmo.
Plumbing — Ralph White, San Anselmo.
Electric Wiring—Ben Johnson, Kentfield.
Heating—Sam Knowles, San Anselmo
Sheet Metal — Sam Knowles, San Anselmo.
Brick Work — John Sward, San Anselmo.
Lathing & Plastering—Chas. Weber, San Rafael.
Painting—James Guise & Son, San Rafael.
Concrete—John Carcano, San Rafael.
Lumber—Henry Hess Lumber Co., Co., San Rafael.

Contract Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 22, Blk 14, Fairfax.
Two-story and basement frame and stucco residence.
Owner—A. Zucchinelli, 97 E. Third St., San Mateo.
Architect—Not Given.
Contractor—Roy Allen, Skyline Blvd., Woodside.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. Lot 14 Blk 5, Fordham St.
Two-story frame and stucco residence
Owner and Builder—Gordon C. Hess, 1268 Cortez St., Burlingame.
Architect—Not Given.

Construction Postponed Temporarily.
RESIDENCE Cost, $——
OAKLAND, Alameda County, Calif. Claremont Pines.
Two - story and basement frame and stucco residence (10 rooms, three baths) Spanish type; tile roof, hot air heating system, hardwood floors, tile baths, wood sash, etc.
Owner—Mr. Stapelton.
Architect — Williams & Wastell, 374 17th St., Oakland.

To Be Done By Day's Work
DUPLEX RESIDENCE Cost, $7,500
SAN JOSE, Santa Clara Co., Calif. 69-71 North Eighth Street.
One - story frame and stucco duplex residence.
Owner and Builder — A. R. Calvelli, 1625 Emory St., San Jose.
Architect—Not Given. 1

Contract Awarded.
RESIDENCE Cost, $7000
SAN MATEO, San Mateo Co., Calif. Seville Way.
Two-story frame and stucco residence
Owner—Charles F. Glasgow, 741 Acacia Ave., San Mateo.
Architect—Not Given.
Contractor—Mooney & MacDonald, % Owner.

Contract Awarded
RESIDENCE Cost, $8900
SAN MATEO, San Mateo Co., Calif. Lot 12 Blk 10, Grinnell Street.
Two-story and basement frame and stucco residence.
Owner—J. A. Howkins, 1465' Drake Ave., Burlingame.
Architect—Not Given.
Contractor—Herman T. Holsber, 325 Elm St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. No. 100 Avila Avenue.
Owner—W. L. Barker, 1312 Capuchino St., San Mateo.
Architect—Not Given.
Contractor—Lengfeld & Olund, 220 E. Third Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Calif. Lot 11 Blk 47, Humboldt St.
Two-story frame and stucco residence.
Owner—Eugene Grasso, 820 N. Claremont St., San Mateo.
Architect—Not Given.
Contractor—H. Kime, 118 12th Street, San Mateo.

Contract Awarded
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, N Noriega W 24th Avenue.
Two 1-story and basement frame and stucco residences.
Owner—Anza Home Building Co.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St.

Contract Awarded
REPAIR RESIDENCE Cost, $2,000
ALAMEDA, Alameda Co., Calif. 1901 Buena Vista Avenue.
Repair fire damage and alterations to residence.
Owner—Louis Larsen, 1901 Buena Vista Ave., Oakland.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland.

Contract Awarded
RESIDENCE Cost, $3,500
SAN JOSE, Santa Clara Co., Calif. 1440 Shortridge Ave.
One - story frame and stucco residence (4 rooms).
Owner—A. Silva, Hollister.
Architect—Not Given.
Contractor—F. G. Rose, 1439 Shortridge Ave., San Jose.

Contract Awarded
SAN JOSE, Santa Clara Co., Calif.
RESIDENCE Cost, $3,500
216 Topeka Avenue.
One-story frame and stucco residence (four rooms).
Owner—R. A. Rayner, King Road and Santa Clara, San Jose.

Architect—Not Given.
Contractor—Chas. A. Del Ponte, S 9th St., San Jose.

Preparing Working Drawings.
RESIDENCE Cost, $14,0
WALNUT CREEK, Contra Costa C
One-story brick residence (9 room 3 baths) shake roof, oil burni steam heating plant, steel a s hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2191 Sha tuck Ave., Berkeley.
Bids will be asked in about ten da

Construction Under Way.
RESIDENCE Cost, $65
BERKELEY, Alameda Co., Cal. E clid Ave. near Marin St.
Two-story frame and stucco residen (6 rooms, 2 baths) Spanish sty tile roof, gas heating system, st sash, hardwood floors, tile bath
Owner and Builder—Randolph Par 1046 Peralta St., Berkeley.
Architect—E. L. Snyder, 2101 Sha tuck Ave., Berkeley.

BIDS OPENED
LOS ANGELES COUNTY, Cal.— S. McEwan, 1455 4th St., Santa Mo ica, at $835 submitted low bid to t Division of Highways, S. V. Cort you, District Engineer, Los Angel for furnishing and installing a flo lighting system at the Fourth Str Railway grade crossing in Santa Mo ica.
The other bids were:
Norton & Norton Elec. Co.....$845
Walker-Martin Corp., Ltd..... 983

15— SCHOOLS

Bids Wanted—To Close December 10 A. M.
PHYSICAL ED. BLDG. Cost, $351,0
EUGENE, Oregon.
Threestory physical education blo (administrative offices, assemb room and classrooms, basketb courts, handball courts, rooms boxing, wrestling, etc.)
Owner—University of Oregon.
Architect—Lawrence, Holford & lyn, Farling Bldg., Portland.
Plans and specifications may be c tained from the architects upon d posit of $25.

CONTRACT AWARDED
HUGHSON, Stanislaus Co., Calif L. Ubels, Ripon, at $3,125 awarded t contract by the Hughson Element School District for construction ol boiler room addition to present gra mar school in Hughson. Plans p pared by Geo. Sellon, California St Life Bldg., Sacramento.
Complete bids follow
L. Ubels, Ripon.....$3.
Anderson & Tornell, Turlock..... 4.
C. J. Hopkinson, Stockton..... 4.

BIDS WANTED
SEATTLE, Wash.—Until Novem 27, 2 P. M., bids will be received Board of Regents of the Univers of Washington, Henry Bldg., Seatt for excavating and foundations for chemistry and pharmacy building the University of Washington, Se tle.
Plans and specifications may be c tained from the architects F. Naramore and Grainger & Thom associates, Arcade Bldg., Seattle, upon deposit of $10.
Total cost of the building is $1,20 000.

BOND ELECTION
COLUMBIA, Tuolumne Co., Calif Columbia Grammar School Dist. vote November 26 on a proposal to sue bonds in the amount of $30,000 finance construction of a one-st

concrete or brick grammar school for the district.

Preliminary plans prepared by Architect William Mooser, Monadnock Bldg., San Francisco. W. Adrian, 417 Market St., San Francisco, is structural engineer.

Plans Being Figured—Bids Close Nov. 25, 10 A. M.

SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Cal.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of $25.

CONTRACT AWARDED

SAN FRANCISCO — Schrader Iron Works, 1247 Harrison St., at $1565 awarded contract by State Department of Public Works for erecting structural steel at the State Teachers' College, San Francisco.

BIDS WANTED

LONG BEACH, Cal.—Until Nov. 29, 4 P. M., bids will be received by the Long Beach board of education for the construction of the girls' activity, boys' gymnasium, shop and auditorium buildings at the Jefferson junior high school site. Reinforced concrete construction. Warren Dedrick, 901 Heartwell Bldg., architect, and C. D. Wailes, Jr., Ocean Center Bldg., Long Beach, structural engineer. Cost is $250,000.

New Bids Wanted—To Close Nov. 25, 8:30 P. M.

ADDITION Cost, $18,000
SACRAMENTO COUNTY, Calif. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Plans and specifications may be obtained from the architect upon deposit of $25.00.

On previously bid opening only bid was submitted by Petersen & Steinbrenner, 1116 O St., Sacramento, at $22,231.

CONTRACT AWARDED

LOS ANGELES, Cal.Theo. A. Beyer Corp. 438 Chamber of Commerce Bldg. was awarded contract by Los Angeles board of education at $85,271 (using gas heating) for construction of new shop buildings Nos. 2 and 3 at the Venice High School. John C. Austin and Frederic M. Ashley, Chamber of Commerce Bldg., architects.

Plans Completed

RECON. SCHOOL Cost, $38,000
PITTSBURG, Contra Costa Co., Cal.
Reconstruct primary school.
Owner—Pittsburg School District.
Architect—Louis Stone, 785 Market St. San Francisco.

Plans approved by State Division of Architecture, Sacramento. WPA will furnish $8,000 for labor.

BONDS VOTED

LAS VEGAS, Nevada.—Las Vegas board of education last week went on record approving the contruction of the proposed grammar school building in Las Vegas as a PWA project. An election will probably be called shortly for the purpose of voting on a bond issue to provide part of the financing for the structure, total cost of which is estimated at $160,000.

BONDS VOTED

DAVIS, Yolo Co., Cal.—Davis Grammar School District voted bonds in the amount of $19,000 November 9.

Proceeds to finance construction of repairs to the auditorium of the grammar School in Davis. Total cost estimated at $30,000.

Plans prepared by Architects Starks & Flanders, Forum Bldg., Sacramento

BIDS WANTED

ORANGE COUNTY, Cal.—Until Nov. 25, 7:30 P. M., bids will be received by the Centralia School District at the office of the school principal, located on Hansen Road, about three-fourths of a mlie north of Lincoln Ave. (5½ miles west of Anaheim) for the construction of a new school bldg., a PWA project. Cost, $60,000. Richard M. Bates, Jr., 664 S. Sycamore Ave., Los Angeles, architect.

Plans Being Figured—Bids Close Nov. 21, 10 A. M.

GYMNASIUM Cost, $40,000
RED BLUFF, Tehama Co., Calif.
Gymnasium for high school.
Owner—Red Bluff Union High School District.
Architect — Dragon & Schmidts, 2068 Alston Way, Berkeley.

Plans and specifications may be obtained from the architects upon deposit of $20.

The time was previously reported as 8 P. M., which was in error and should have read 10 A. M.

LOW BIDDER

LOS ANGELES, Cal.—Raphael Co., 270 Tehama St., San Francisco, submitted low bid to the Los Angeles Board of Education at $3300, for painting the administration building and south building at Manual Arts High School, 4131 S. Vermont Ave.

WORK TO START

SAN DIEGO, Cal.—WPA has authorized the continuance of work on the construction of the stadium at San Diego State Teacher's College. It will be a reinforced concrete structure with wooden bleacher seats and will accommodate 42,000 persons. Excavation of the site has been under way for the past two years under the direction of the SERA. J. M. Harlan is construction engineer in charge of the project.

BIDS WANTED

LOS ANGELES, Cal.—Until November 22, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for Unit No. 2 to be erected at the 61st Street School, 6050 S. Figueroa St. A. S. Nibecker, Jr., architect.

BIDS WANTED

LOS ANGELES, Cal.—Until November 27, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a two-story, reinforced concrete, girls' gymnasium at Manual Arts high school, 4131 S. Vermont Ave. John and Donald B. Parkinson, 808 Title Insurance Bldg., architects.

BONDS VOTED

BEVERLY HILLS, Los Angeles Co. Cal.—Beverly Hills School Dist. Nov. 5 affirmed a $400,000 bond issue, proceeds to be used to finance rehabilitation of the Beverly Hills high school plant. An architect has not yet been selected.

LOW BIDDER

VENICE, Los Angeles Co., Calif.—Raphael Co., 270 Tehama Street, San Francisco, submitted low bid to Los Angeles board of education at $2400, for painting the administration, east and west buildings at Venice high school, corner Venice Blvd. and Walgrove Avenue.

LOW BIDDER

HOLLYWOOD, Los Angeles Co., Cal.—Raphael Co., 270 Tehama St., San Francisco, submitted low bid to the Los Angeles board of education at $1850 for painting the science building at Hollywood high school, 1521 N Highland Ave.

CONTRACT AWARDED

TUCSON, Ariz.—M. L. Tophoy, 904 N 4th Ave., Tucson, awarded contract by University of Arizona at $40,176 for constructing new buildings at University Farms, located about four miles northeast of Tucson, for the University of Arizona. The project includes the construction of a machinery building, meats laboratory, smoke house, office building, stock barn, dairy barn, water tower, water mains and improvements to dairy barn and milk house. Henry O. Jaastad, 103 Miltenberg St., Tucson, architect.

LOW BIDDER

LONG BEACH, Cal.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, submitted low bid to the Long Beach board of education at $91,283, using salvaged materials, for construction of the Garfield school. R. D. Van Alstine, structural engineer, 410 E. 9th St., Long Beach.

November 11 1935

LOW BIDDER

LOS ANGELES, Cal.—George Mittry, 122 S. Avenue 20 submitted low bid to Los Angeles board of education at $54,900 for the construction of Unit No. 1 at the 61st Street school, 6050 S Figueroa St. A. S. Nibecker, Jr., architect, 1425 S San Pedro St.

BONDS VOTED

TULELAKE, Siskiyou Co., Calif.—Tulelake Grammar School Dist. voted bonds in the amount of $16,000 to finance construction of a 1-story frame and stucco grammar school in Tulelake to contain six classrooms.

Plans were prepared by Architect H. R. Perrin, Klamath Falls, Oregon.

Plans Being Figured—Bids Close Nov. 21st, 8 P. M.

GYMNASIUM Cost, $40,000
RED BLUFF, Tehama Co., Calif.
Owner—Red Bluff Union High School District.
Architect—Dragon and Schmidts, 2068 Alston Way, Berkeley.

Plans and specifications may be obtained from the architects upon deposit of $20.00.

Bids Voted—Plans Complete

GYMNASIUM Cost, $45,000
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School District.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.

Bids will be asked shortly.

Plans Being Figured—Bids Close Nov. 25th, 2 P. M.

GYMNASIUM Cost, $46,679
MADERA, Calif.
One - story reinforced concrete gymnasium (composition roof, some tile, steel columns, maple floors)
Owner — Madera Union High School District.

Architect—E. Ernest, 9 W. Cleveland Street, Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect and from the principal of the high school at Madera upon deposit of $20.00.

Plans Completed

SCHOOL Cost, $30,000
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (4 classrooms).
Owner — Brisbane Elementary School District.
Architect—Thomas Edward, 9 Geary St., San Francisco.
Plans awaiting approval of the State Division of Architecture, Sacramento.

Plans Being Figured—Bids Close Nov. 21st, 8 P. M.

SHOP Cost, $18,000
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building (128x70 ft.) will contain woodwork shop 57x38 ft., rooms for painting, finishing, metal work, mechanical drawing, printing, classwork and storage.
Owner—Fort Bragg Un. High School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Plans and specifications may be obtained from the architect and from the superintendent of schools, Fort Bragg.

BIDS OPENED

SAN FRANCISCO. — Schrader Iron Works, 1247 Harrison St., at $1,565 submitted low bid to the State Division of Architecture, Sacramento, for furnishing and erecting structural steel at the State Teachers' College, San Francisco.
Complete bids follow:
Schrader Iron Works, S. F..... $1,565
Pacific Coast Steel Co., S. F. .. 1,655
Judson Pacific Co., S. F..... 1,745
Bids held under advisement.

Preparing Plans

SCHOOL Cost, $20,000
SHASTA, Shasta Co., Calif.
One-story frame and concrete grammar school (2 classrooms and auditorium to seat 250).
Owner—Shasta School District.
Architect—O. A. Deichmann, 110 Sutter St., San Francisco.
Bond election will be held Nov. 22 in the amount of $5,500. Labor will be furnished by the WPA.

Plans Completed

RECONST. SCHOOL Cost, $197,000
ALAMEDA, Alameda Co., Calif. 2130 Central Avenue.
Reconstruction of the high school.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian, 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—Carl Werner, 1303 Bay St., Alameda.
Plans have been forwarded to State Division of Architecture, Sacramento, for approval.

Plans Being Figured—Bids Close Dec. 3rd, 2 P. M.

HIGH SCHOOL Cost, $630,000
SALEM, Oregon.
Two - story brick and concrete high school (60 classrooms, auditorium, gym. and cafeteria) brick veneer exterior, steam heating system wood floors, acoustical treatment, slate blackboards, fire escapes, tile and linoleum flooring, metal furniture, ornamental iron.
Owner—Salem School District No. 24, 463 Ferry St., Salem.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Plans and specifications may be obtained from the architects upon deposit of $25.00.

Plans Being Figured—Bids Close Dec. 3rd, 10 A. M.

SCHOOL Cost, $129,000
SALEM, Oregon.
Two-story reinforced concrete school (188x238 feet) (12 classrooms, library, music room, shop, auditorium to seat 600) brick veneer exterior, terra cotta, steam heat, maple and concrete slab floors, acoustical treatment, structural steel, temperature regulators, etc.
Owner—School District No. 24, Marion County.
Architect—F. H. Struble, Guaranty Bldg., Portland.
Plans and specifications may be obtained from the architects upon deposit of $25.00.

LOW BIDDER

LOS ANGELES, Calif. — Reed & Maiser, 6348 Colgate Ave., Los Angeles, submitted low bid to Long Beach board of education at $111,350, using salvaged materials for the construction of the Francis E. Willard School. Frances H. Gentry, engineer, Jergins Trust Bldg., Long Beach

LOW BIDDER

LOS ANGELES, Calif.—Charles J. Dorfman, 124 N. L. Brea Ave., submitted low bid to Los Angeles board of education at $56,690, for the reconstruction, rehabilitation and strengthening of an addition to the boys' and girls' physical education building at Thomas A. Edison junior high school, 6500 Hopper Ave. A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Architects, and Murray Erick, 811 W. Seventh St., Structural Engineer.

BIDS REJECTED

LOS ANGELES, Calif.—Los Angeles board of education rejected all bids for reconstruction, rehabilitation and strengthening of the girls' physical education building at John Burroughs junior high school, 600 S. McCadden Pl. The low bid received for the work on October 15 over-ran the budget cost of $47,000 by a considerable margin. K. R. Bradley Construction Co. was low bidder at $58,300. No further appropriations will be made toward the project at the present time.

BIDS WANTED

LOS ANGELES, Calif.—Until Nov. 27, 2 p.m., bids will be received by Los Angeles board of education for a one-story school building to be erected at the Reseda school, 7265 Amigo Ave., Van Nuys District. A. S. Nibecker, Jr., architect.

Plans Being Figured—Bids Close Nov. 25th, 8 P. M.

ADDITION Cost, $38,500
DELANO, Kern Co., Calif. Campus of high school.
Auto and farm mechanics building.
Owner—Delano Joint Un. High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Plans and specifications may be obtained from Frank Panero, clerk of the district.

Bids Wanted—To Close December 7.

HIGH SCHOOL Cost, $143,000
ESTACADA, Oregon.
Two-story high school (20 classrooms and gymnasium, 350x120 feet); brick exterior, cast stone trim, composition flat roof, low pressure steam heating system, acoustical treatment, blackboards, fire doors, hollow tile, lockers, ornamental iron and bronze, etc.
Owner—School District 6, Clackamas County.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Plans and specifications may be obtained from the architect.

Bids Wanted—To Close December 7, 1 P. M.

JUNIOR HIGH SCHOOL $118,181
MILWAUKIE, Oregon.
Reinforced concrete Junior High School and gymnasium addition at the Ardenwald School.
Owner—School District 1, A. M. Gray, Chairman, Milwaukie.
Architect—L. L. Dougan, Studio Bldg., Portland.
Plans and specifications may be obtained from the architects upon deposit of $15.

BOND ELECTION

REDDING, Shasta Co., Cal.—Redding Grammar School District will vote November 22 on a proposal to issue bonds in the amount of $50,000 to finance construction of a one-story brick and steel grammar school to contain 12 classrooms and auditorium.
Preliminary plans prepared by Architects Masten and Hurd, 233 Post Street, San Francisco. Architect was previously reported as Jens C. Petersen, 812 26th St., Sacramento.

BONDS VOTED

ELK GROVE,Cal.—Elk Grove Grammar School District voted bonds in the amount of $16,000 November 12 to finance construction of a 1-story grammar school in Elk Grove.
Preliminary plans completed by Jens C. Petersen, 812 26th St., Sacramento.

BONDS VOTED

REEDLEY, Fresno Co., Cal.—Reedley Joint Union High School District voted bonds in the amount of $55,000 November 8. Proceeds to finance construction of a new Junior College in Reedley.
Plans prepared by Architect Chas. H. Franklin, T. W Patterson Bldg., Fresno.

Plans Being Figured—Bids Close Nov. 30, 5:00 P. M.

MUSIC BLDG. Cost, $18,360
PETALUMA, Sonoma Co., Cal. Petaluma High School.
One-story frame and stucco music building at the high school (54x34 ft.) six practice rooms, storerooms for instruments, heating room, rest room, etc.
Owner—Petaluma High School Dist.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Bids will be received up to 5 P. M. and opened at 7:30 P. M. on November 30.
Plans and specifications may be obtained from the architect.

BONDS VOTED

ELK GROVE, Sacramento Co., Cal. —Elk Grove High School District voted bonds in the amount of $46,000 November 12. Proceeds to finance construction of a brick and steel addition to the high school in Elk Grove. Total cost estimated at $75,000.
Preliminary plans completed by Architect Jens C. Petersen, 812 26th St., Sacramento.

Bonds Voted—Plans Completed.

SCHOOL Cost, $28,000
DEL PASO, Sacramento Co., Calif.
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Plans forwarded to State Division

r itecture for approval. Bonds
amount of $15,500 were voted
ember 11.

VANTED

NFRANCISCO. — Until Nov. 20,
T M., informal bids will be re-
dby the Department of Public
Room 251, City Hall, for con-
tn of a 5-ply tar and gravel
o the auditorium at the Argonne
Cabrillo St. between 17th and
enues.
ter particulars may be obtain-
o R. A. Chisholm, Supt. of Pub-
dings, 484 11th Street.

ANKS, STORES AND OFFICES

VANTED

OUVER, Wash. — Until Nov.
. M., bids will be received by
urrow, Director of Highways,
, Wash., for constructing Dis-
adquarters buildings at Van-
and specifications may be ob-
rom above office and from Ar-
Jos. H. Wohleb, Olympia, up-
sit of $20.00.

: Awarded

ATIONS Cost, $2,500
RANCISCO. 2558 Mission St.
ons to store building.
Hale Bros. Stores, Inc., Fifth
Market Streets.
r—Alfred P. Fisher, 110 Sut-
Street.
tor—Alfred P. Fisher, 110 Sut-
Street.

Awarded.

ATIONS Cost, $3500
ANCISCO. SW Sixteenth &
nt Streets.
ns to store and flats.
James J. Larkin.
t—Not Given.
or—James B. McSheehy, 137
rd Terrace.

Awarded

ATIONS Cost, $—
). Fresno Co., Calif. Fulton
Fresno Streets.
ns for bank fixtures (white
l counter screen, marble
s, marble counters, mill work,
, etc.)
Capital Company, 625 Market
San Francisco.
Construction Dept. of Owner
or—S. Kulchar, San Francisco

ing Figured—Bids Close Nov. :00 P. M.

ON Cost, $76,800
, Washington.
y grammar school (8 class-
s, offices, etc.) masonry con-
tion, exterior walls faced
brick, composition shingle
etc., and addition to high
l (add 2 rooms, etc.)
Cife School District 88, Pierce
ty (J. S. Allen, Clerk).
—Mock & Morrison, Perkins
, Tacoma.
and specifications may be ob-
om the architects upon re-
$15.

ING PLANS

NGELES, Cal.—Architect A.
der, 143½ S. Beverly Drive,
Hills, is starting working
for a two-story frame and
edical-dental building (36x60-
built at the corner of Mel-
La Brea Aves., for a client.

Bid Opening Date Postponed Until Nov. 18th.

BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One - story and basement reinforced concrete bank building.
Owner—Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Owner Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Moore & Roberts, 693 Mission Street, San Francisco, and Cahill Bros., 206 Sansome St., San Francisco, are figuring the plans.

Air Conditioning Contract Awarded.

ALTERATIONS Cost, $15,000
STOCKTON, San Joaquin Co., Calif. Main and California Streets.
Alterations to store bldg. new show windows, remodeling, new soda fountain, etc.)
Owner—Owl Drug Co., 657 Mission St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Louis C. Dunn, Monadnock Bldg., San Francisco.
Air Conditioning — Westinghouse Air Conditioning Co., 10th and Howard Sts., San Francisco.

CONTRACT AWARDED

SAN FRANCISCO—D. Zelinsky & Sons, Inc., 165 Grove St., at $1408.25 awarded contract by Pacific Telephone & Telegraph Co., 140 New Montgomery St., for re-lacquering all window rails and bars in the building located at 140 New Montgomery St.

Bids Wanted—To Close Nov. 18.

ROOFING Cost, $—
SAN FRANCISCO. Polk St. and Van Ness Avenue.
New roof on branch bank building.
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner.

17— THEATRES

Plans Being Prepared.

ALTERATIONS Cost, $15,000
SAN JOSE, Santa Clara Co., Calif. 57 North First Street.
Alterations to Victory Theatre (alter front, new loge section, new seats)
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—W. I. Garren, 233 Post St., San Francisco.

Grading Contract Awarded.

THEATRE Cost, $553,000
PALO ALTO, Santa Clara Co., Calif. Campus of Stanford University, Lasuen, Galvez, Pine and Serra Streets.
Class A memorial theatre (theatre to seat 650, theatre school to accommodate 300) outdoor court, projection room equipment, acoustical treatment, etc.
Owner—Stanford University.
Architect—John Bakewell and Arthur Brown Jr., 251 Kearny St., San Francisco.
Structural Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Mechanical Engineers — Hunter and Hudson, 41 Sutter St., S. F.
Mgr. of Construction, George Wagner, 181 South Park, San Francisco.
Grading—O. V. Freeman, 105 Churchill Ave., Palo Alto.

Planned

THEATRE Cost, $—
SAN FRANCISCO. S Geary Blvd. E Arguello Blvd.
New theatre and store building (195x317 feet).
Owner—San Francisco Theatres, Inc., 25 Taylor St. (Samuel H. Levin, President).
Architect—Not Given.

19—MISC. CONSTRUCTION

Contracts Awarded

NATATORIUM Cont. Price, $59,494
HAYWARD, Alameda Co., Cal. Hayward Memorial Park.
Reinforced concrete natatorium (60 ft. wide, 33⅓ meters long; children's pool, 60x60 ft.) tile scum gutter.
Owner City of Haward.
Architect—Jas. Narbett, 474 31st St., Richmond, and Geo. F. Simonds, 192 Main St., Hayward.
Structural Engineer — Walter Huber, Crocker First National Bank Bldg. San Francisco.
Mechanical Engineer—Leland & Haley, 58 Sutter St., San Francisco.
Contractor—DeLuca & Son, 1745 Filbert St., San Francisco.
Mecanical Equipment—M. J. Reeves, 959 Natoma St., San Francisco, $16,242.
Electrical Work—Abbett Electric Co., 126 Sears St., San Francisco, $2,561.
Equipment—Trask & Squier Co., 39 Natoma St., San Francisco, $1,353.68.
Contracts awarded subject to the approval of PWA. Complete bids published October 31.

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until Nov. 25, 11 A. M., bids will be received by the San Joaquin County Board of Supervisors, Eugene D. Graham, County Clerk, Court House, Stockton, for the construction of a ferry boat to be delivered at Stockton.
Specifications obtainable from County Surveyor Julius B. Manthey, 105 South Sutter St., Stockton.

CONSTRUCTION TO START SHORTLY

BURBANK, Los Angeles Co., Cal. —Warner Brothers-First National Studios, Burbank, will start work immediately on the construction of sound stage No. 7 at the company's Burbank studio, 4000 S. Olive Ave. Work will be handled by the owner's department of permanent construction. It will be a wood frame structure with plastered exterior, rock wool insulation, wood roof trusses, composition roofing, wood floors, etc. Cost $70,000. Another stage and an administration building are scheduled to be built on the site at a later date.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, Colo., November 7, under Spec. No. 736-D, for furnishing pipe, valves, fittings, and apurtenances for installation in the Boulder City water system, Boulder Canyon Project:
Salt Lake Hardware Co., Salt Lake City, Utah, $8150.
John W. Beam, Denver, Colo., $8150.
Grinnell Co. of the Pacific, Los Angeles, $6196.75 f.o.b. Warren, Ohio.
Power Piling Co., Pittsburgh, Pa., $7730.
Mine & Smelter Supply Co., Denver, Colo., $8542.
Midwest Piping & Supply Co., Inc., $7835.
Standard Sanitary Mfg. Co., Denver, $8150.
All bids f.o.b. Boulder City, unless otherwise noted.
Bids held under advisement.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until December 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Mountain Blvd., in Oakland, consisting of two concrete abutments and steel superstructure and approximately 416 l.f. of roadway to be graded and paved with asphalt concrete pavement.

The work involves:

(1) 5,800 c.y. rdwy. excav., unclass.;
(2) 1,100 c.y. struc. excav.;
(3) 1,925 sq. yds. subgrade for pave.
(4) 750 tons asphalt concrete;
(5) 910 c.y. Class A Portland cement concrete (struc.);
(6) 82 c.y. Class A do (curbs and gutters);
(7) 36 c.y. Class A do (sidewalk);
(8) 95,000 lbs. bar reinf. steel;
(9) 219,000 lbs. struc. steel;
(10) 300 lbs. cast steel (catchbasin covers and frames);
(11) 80 l.f. 8-in. CMP;
(12) 310 l.f. 8-in. perf. metal pipe underdrains;
(13) 30 c.y. rock filling material;
(14) 2 each spillway assemblies;
(15) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

*

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until Dec. 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway near Verdemont, consisting of 2 concrete abutments with steel and concrete superstructure and grading and surfacing approximately 0.57 mile of highway with plant-mixed surfacing (slow curing type).

The work involves:

(1) 225 M. gals. water;
(2) 46,000 c.y. rdwy. excav., unclass.;
(3) 1,550 c.y. struc. excav.;
(4) 256,000 sta. yds. overhaul;
(5) 30 sta. finishing roadway;
(6) 3,100 tons mineral agg. (plant-mixed surfacing);
(7) 163 tons liquid asph. SC-2 (plant mixed surfacing);
(8) 13 tons do (prime coat);
(9) 22 tons do (road-mix surf. treatment);
(10) 2,670 sq. yd. preparing, mixing and shaping road bed (road-mix surface treatment);
(11) 13 tons liquid asphalt 90-95 (seal coat);
(12) 152 tons screenings (seal coat);
(13) 56,000 lbs. bar reinf. steel;
(14) 560 c.y. Class A Portland cement concrete (struc.);
(15) 158,000 lb. carbon struc. steel;
(16) 42,000 lbs. silicon do;
(17) 3,700 lbs. cast steel;
(18) 3,000 l.f. 12-in. CMP;
(19) 186 l.f. 24-in. CMP;
(20) 150 l.f. 8-in. perf. metal pipe;
(21) 300 c.y. Class A Portland cement concrete (curbs and gutters);
(22) 152 l.f. pipe handrail;
(23) 1 lot waterproofing;
(24) 3,100 l.f. 1-in. standard galvanized pipe;
(25) 30 each ¾-in. standard garden hose brass valves;
(26) 15 each monuments;
(27) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

SANTA CLARA CO., Calif.—Until Dec. 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for construction of a undergrade crossing under the tracks of the Southern Pacific railroad at Embarcadero Road in Palo Alto, consisting of two concrete abutments and steel superstructure, and grading and paving with Portland cement concrete about 0.21 mile.

The work involves:

(1) 26,000 c.y. rdwy. excav., unclass.;
(2) 8,000 c.y. struc. excav.;
(3) 7,000 sq. yds. subgrade for pave.;
(4) 1,400 c.y. Class A Portland cem. conc. (pavement);
(5) 2,800 c.y. Class A Portland cem. con. (structure);
(6) 45 c.y. Class F Portland cement concrete (railing);
(7) 260 c.y. Class A Portland cement conc. (curbs and gutters);
(8) 170 c.y. Class A Portland cement concrete (sidewalk);
(9) 1,900 each pavement dowels;
(10) 232,000 lbs. bar reinf. steel;
(11) 240,000 lbs. fab. struc. steel;
(12) 2,400 lbs. cast steel (catchbasin covers and frames);
(13) 250 l.f. 12-in. CMP;
(14) 104 l.f. 8-in. vit. clay pipe;
(15) 580 l.f. 14-in. do;
(16) 15,100 lbs. pipe handrail;
(17) 126 l.f. 4-in. cast iron pipe;
(18) 400 l.f. 6-in. do;
(19) 890 l.f. 8-in. do;
(20) 42 l.f. 12-in. do;
(21) 110 l.f. 14-in. do;
(22) 2,100 lbs. special castings;
(23) 410 l.f. 4-in. gas main;
(24) 340 l.f. 6-in. gas main;
(25) 1 each 4-in. gas valve;
(26) 1 each 6-in. gas valve;
(27) 4 each concrete manholes;
(28) 1 lot electrical equipment;
(29) 1 lot pumping equipment;
(30) 600 c.y. top soil;
(31) 1,900 sq. yds. lawn;
(32) 37 each prunus pissardi;
(33) 134 each pyracantha yunnan
(34) 265 each escallonia rubra;
(35) 1,170 each mesembryanthe Rosea;
(36) 1 lot irrigating equipment;
(37) 1 lot misc. items of work.

Plans and specifications obtai from the office of the State Hig Engineer, P. O. Box 1499, Sacra and on file at the office of the Di Engineer in San Francisco and Angeles.

*

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SHERMAN COUNTY, Oregon—P lin & Eldon, 3101 N. Columbia Pl Portland, at $64,884.50 submitted bid and awarded contract by Oregon State Highway Commis Portland, November 7, for cons tion of a concrete bridge over Sp Hollow Creek and the O. W. R. & N. Co. tracks, and 0.46 mile gra surfacing, and bituminous mac on the Columbia River Highway p proximately 20.5 miles east of Dalles.

Second low bid was submitte Orino, Birkemeier & Saremal, Be ville, at $70,382.50, and third lo Hoffman Constr. Co., Portland $70,693.

CONTRACT AWARDED

WASCO COUNTY, Oregon—Pa Schram Co., Couch Bldg., Por at $142,371 submitted low bid and awarded contract by the Oregon Highway Commission, Portland, 7, for construction of a concrete steel bridge over the O.W.R.R. Co. tracks and the grading, surf and bituminous macadam on 1.1 of highway on the Big Eddy crossing section of the Columbia er highway.

Second low bid was submitte Colonial Const. Co., Spokane, at 173, and third low bid by Ho Const. Co., Portland, at $147,971

BIDS OPENED

MULTNOMAH COUNTY, Ore Edlefsen-Weygandt Co., Portlan $64,849.50 (tar) and Oregon Con ing Co., and Theo. Arenz, Por at $66,477 (Road oil) submitte bids to the Oregon State Hig Commission, Portland, Novemb for the construction of an unde under the O. W. R. R. & N. pany's tracks and 0.49 mile gr and paving on 122nd Ave. (Bl Road) just east of Portland.

Three low bids on each alt follow:

Tar

Edelfsen-Weygandt Co., Por $64,849.50.
Oregon Contracting Co. and Arenz, Portland, $66,547.
Jacobsen-Jensen Co., Portland, 556.

Road Oil

Oregon Contracting Co. and Arenz, Portland, $66,477.
Parker-Schram Co., Portland, $
Kern & Kibbe, Portland, $74,277
All bids held under advisemen

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 5, 2 P. M., bids will be received by State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Atchison, Topeka, & Santa Fe Railway at Hobart, consisting of two steel beam spans with concrete deck on a concrete pier and two concrete abutments with wing walls.

The work involves:

(1) 21 sta. clearing and grubbing;
(2) 400 M. gals. water;
(3) 48,000 cu. yds. rdwy. excav. unclass.;
(4) 1200 cu. yds. struc. excav.;
(5) 17,000 sq. yds. subgrade for pave.
(6) 30 tons liquid asphalt 90-95 (subgrade treatment);
(7) 21 sta. finishing roadway;
(8) 1200 tons imported selected material (base);
(9) 585 tons mineral aggregate (plant-mix surfacing);
(10) 32 tons liquid asph. MC-5 or MC extra heavy (plant-mixed surfacing);
(11) 6 tons liquid asphalt MC-2 (prime coat);
(12) 3120 cu. yds. Class A Portland cement concrete (pave.);
(13) 160,000 lbs. bar reinf. steel;
(14) 4400 each pavement dowels;
(15) 1665 cu. yds. Class A Portland cement concrete (strucs.);
(16) 34 cu. yds. Class A Portland cement concrete (railing);
(17) 732,000 lbs. structural steel;
(18) 330 cu. yds. Class A Portland cement concrete (slope paving);
(19) 160 lin. ft. 24-in. reinf. concrete pipe;
(20) 120 lin. ft. 18-in. cast iron pipe;
(21) 720 cu. yds. Class A Portland cement concrete (curbs and sidewalks);
(22) 80 lin. ft. solid timber guard rail;
(23) 1 lot waterproofing;
(24) 1210 cu. yds. concrete to be removed and disposed of;
(25) 2100 lbs. misc. iron and steel;
(26) 150 lin. ft. curb armor;
(27) 1 lot pumping equipment;
(28) 1 lot electrical equipment;
(29) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

*

BIDS WANTED

SANTA BARBARA CO., Cal.—Until Dec. 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for an extension to a reinforced concrete girder bridge on Las Positas Road over the tracks of the Southern Pacific Company at Santa Barbara.

The work involves:

(1) 1 only existing bridge to be removed nd disposed of;
(2) 13 M. gals. water;
(3) 250 c.y. rdwy. excav., unclass.;
(4) 1,200 c.y. imported borrow;
(5) 180 c.y. struc. excav.;
(6) 3 stations finishing rdwy.;
(7) 120 tons crusher run base;
(8) 40 ton screenings (armor coat);
(9) 1.5 tons liquid asphalt 95 plus (armor coat);
(10) 51,000 lbs. bar reinf. steel;
(11) 345 c.y. Class A Port. cem. conc.;
(12) 200 l.f. hand rail;
(13) 94 l.f. timber guard rail;
(14) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS REJECTED

WALLOWA COUNTY, Oregon.—All bids received by the Oregon State Highway Commission, Portland, Nov. 7 for construction of a concrete bridge over Rock Creek and a concrete bridge over Wallowa River northwesterly from Wallowa on the Wallowa Lake Highway, were rejected and the project ordered readvertised.

The bids were:

Schmitt Const. Co., Portland $37,891.00
Kuckenberg - Whitman, P'tl'd 37,985.50

CONTRACT AWARDED

LINN COUNTY, Oergon—Averill & Corbin, Route 10, Portland, at $15,557.50 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, November 7, for construction of a concrete bridge over Soda Fork of the Santiam River, approximately 11 miles east of Cascadia on the Santiam Highway.

The other bids were:

E. W. and W. F. Philpott, $15,885.
J. F. Johnson, Newberg, $16,660.

BONDS VOTED

SACRAMENTO, Cal.—A proposal to $6,000 in bonds to finance construction of a pedestrian underpass at Twenty-first St. and Western Pacific Railroad carried at the special election November 5.

*

MACHINERY AND MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies

WAR DEPARTMENT

FRESNO, Cal.—Until November 18, 11 A. M., bids will be received by Lieut. G. T. Stump, Purchasing and Contracting Officer, Fresno District CCC, 424 "P" St., Fresno, under Bid No. 5905-36-21, for furnishing miscellaneous construction materials for repair of Central CCC camps in Fresno District.

Materials to be furnished are:

(1) Lumber.
(2) Hardware.
(3) Roofing.
(4) Sheet Metal.
(5) Cement.
(6) Paint.

Delivery f.o.b. 414 "P" St., Fresno, except alternate bid on cement, f.o.b. bidder's plant.

Specifications obtainable from the above office, and on file at the office of the DAILY PACIFIC BUILDER.

RECLAMATION BUREAU

BOULDER CITY, Nev.—Until Nov. 29, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 744-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, one 138-kv, 600-ampere, 3-phase, outdoor type oil circuit breaker; three 138-kv, 600-ampere., three-pole, single throw, gang - operated disconnecting switches, and one three-pole, 138-kv, lightning arrester for use on a grounded neutral circuit for installation in the switchyard at the Boulder Power Plant, Boulder Canyon Project.

All apparatus will be assembled and installed by the Govenrment.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $.50 not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO—Until November 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1475 for furnishing linoleum for the various City Departments and Institutions for a term of one year, December 1, 1935, to November 30, 1936.

Specifications obtainable from the above office.

SAN FRANCISCO—Until November 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1479, for furnishing padlocks for the School Department.

Specifications obtainable from the above office.

SAN FRANCISCO—Until November 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1478, for furnishing chlorinating equipment and main line water meter for the San Francisco Water Department.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Nov. 22, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1469, for furnishing gate valves as follows:

PROPOSAL A

Lot 1: 10 6- and 12 8-in. valves;
Lot 2: 20 12-in. valves;
Lot 3: 15 16-in. valves.

PROPOSAL B

Combination of Lots 1, 2 and 3.

Specifications obtainable from above office.

SAN FRANCISCO.—Until Nov. 18, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Rm. 270, City Hall, under Bid No. 1476, for furnishing one 24-in. Venturi meter tube.

Specifications obtainable from above office.

WAR DEPARTMENT

FORT MASON, Cal.—Until Nov. 21, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-113, for furnishing one converter set, electric, without filter, 1½-k.w., to convert 110 volts A.C. to 110 volts D.C.

Equipment is for shipment to the Department Quartermaster, Philippine Dept., Manila, P. I.

Specifications obtainable from above office.

SACRAMENTO CITY

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., bids will be received by Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for furnishing one truck chassis for the Street Lighting Division.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., bids will be received by Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, platform ladder, or equal, for Street for furnishing one Seagrave aerial Lighting Division.

Specifications obtainable from above office.

BONDS VOTED

SACRAMENTO, Cal.--A proposal to issue bonds in the amount of $95,000, to be contributed as the city's share toward a combination State and Federal Project costing $309,000 for constructing a viaduct and approaches across the Southern Pacific tracks at Jibboom St. and the 1 St. bridge, was approved at the Nov. 5 election.

Application has been filed for a P W A grant of $70,000, and the bonds will be sold only if the city is successful in obtaining the Federal grant.

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—C. A. Lauritzen, 300 E St., Antioch, at $3,800 submitted low bid and awarded contract by the Vallejo City Council for the construction of a 126-ft. timber pile trestle bridge across Gordon Valley Creek, near Lake Curry, Napa County, consisting of six bents at 21 ft. centers, 4 pile bents, piling to be creosoted, penetration not less than 12ft., concrete abutments with pile foundations.

The other bids were:

E. W. Peterson, San Francisco....$4,750
Bundesen & Lauritzen, Pittsburg 4,489
T. D. Kilkenny, city engineer.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 21, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City, Hall, under Spec. No. W. D. 84, for the laying of 6- and 8-in. cast iron mains in the area from Willard St. to 18th Ave. and from Lincoln Way to Quintara St.

The work involves:

(1) 27,880 l.f. excavation and backfill trench 17x36-in.;
(2) 440 c.y. additional excavation and backfill;
(3) 990 sq. ft. additional pavement removal and replacement;
(4) installation of pipe:
 (a) 25,340 l.f. 6-in. bell and spigot cast iron pipe;
 (b) 2,540 l.f. 8-in. do;
(5) 17,880 lbs. installation of fittings;
(6) 3,250 l.f. making joints, bell and spigot;
(7) 39,500 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.00.

N. A. Eckart, chief engineer

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Chas. A. Power, East 27 8th Ave., Spokane, at $158,475.40 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete and constructing a reinforced concrete girder overcrossing on about 0.8 mile of State Road Nos. 2 and 3, Section 1, Sixth Ave. Grade Separation between 7th Ave. and Cannon St., and Section 2, Spokane West, in the City of Spokane.

Clifton & Applegate, Spokane, at $160,174 submitted second low bid; and Norris Bros., Burlington, at $164,658 submitted third low bid.

CONTRACT AWARDED

SPOKANE COUNTY, Wash.—Sather & Sons, 12,039 Greenwood Avenue, Seattle, at $65,100.80 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for paving with Portland cement concrete about 0.3 mile and constructing a steel girder undercrossing of the Great Northern Railway Co. tracks on State Road No. 2, Great Northern Undercrossing near Galena.

Second and third low bids were submitted by D. Nygren, Seattle, at $73,876, and Clifton & Applegate, Spokane, at $79,926.

BIDS WANTED

STATE OF WASHINGTON. — Until Nov. 26, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for bridge construction, as follows:

Thurston & Pierce Counties: Grading, constructing pile and timber embankment protection and revetmens, pile and timber trestle over county road and steel through girder and reinforced concrete railway undercrossing on about 2 miles of State Road No. 1, Olympia to Nisqually, involving about 26 acres of clearing, 258,290 c.y. of excavation; 1,550 c.y. of concrete; 287,000 lbs. of structural steel, 138 M B M of timber and lumber treated; 358 MBM of timber and lumber untreated; 27,415 l.f. of untreated piles; 13,450 l.f. of treated piles; 2,055 l.f. of guard rail type No. 3; 1,727 l.f. of pipe culverts and other items.

Adams County: Grading, surfacing and constructing a steel and timber trestle on about 0.4 mile of State Rd. No. 11, C. M. St. P. & P. R. R. overcrossing at Lind, involving about 11,860 c.y. of excavation; 4,230 c.y. of crushed stone surface; 262 c.y. of concrete; 55,000 lbs. of structural steel; 54 MBM timber and lumber; 1,890 l.f. of cable guard rail design No. 6, and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

ORANGE COUNTY, Cal. — Mundo Engineering Co., 2205 E. 9th St., Los Angeles, at $154,922.38 awarded contract by the State Highway Commission, Sacramento, for construction of a bridge and grade separation structure and about 0.8 mile grading and paving with asphalt concrete and Portland cement concrete at Newport Beach, Orange County.

BIDS WANTED

ALAMEDA COUNTY, Cal.—Until November 19, 10:30 A. M., bids will be received by the Alameda County Board of Supervisors, G. E. Wade, County Clerk, Hall of Records, Oakland, for the construction of a reinforced concrete box culvert at Station 7 plus 28 on Redwood Road in Eden Township.

The work involves:

(1) 700 cu. yds. excavation for strucs.
(2) 50 cu. yds. gravel backfill;
(3) 335 cu. yds. concrete in strucs.;
(4) 72,000 lbs. reinforcing steel;
(5) Lump sum, removal of existing culvert, clearing of site, etc.

Plans and specifications obtainable from the office of the County Clerk upon deposit of $25.

Burnett Hamilton, County Engineer

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until December 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, eight miles west of Needles, consisting of one 56-ft. two 53-ft. 6-in. and two 17-ft. 6-in. spans on concrete piers, and a bridge across a drainage channel consisting of four 19-ft. timber spans on timber pile foundations, and approximately 0.57 mile grading and surfacing with road-mix surfacing.

The work involves:

(1) 4,100 c.y. rdwy. excav., unclass.;
(2) 10,000 sta. yds. overhaul;
(3) 73,600 c.y. imported borrow;
(4) 300 c.y. struc. excav.;
(5) 28 sta. finishing rdwy.;
(6) 66 tons liquid asphalt SC-2 (road-mix surface treatment);
(7) 7 tons liquid asphalt 90-95 (seal coat);
(8) 6,400 sq. yds. preparing, mixing, and shaping roadbed (road-mix surface treatment);
(9) 80 tons screenings (seal coat);
(10) 500 c.y. Class A Portland cement concrete (struc.);
(11) 26 c.y. Class A do (railing);
(12) 120,000 lbs. bar reinf. steel;
(13) 32 MFBM redwood timber, dense, select, allheart struc. grade;
(14) 13 MFBM redwood timber, select all heart struc. grade;
(15) 1,000 l.f. furnishing treated Douglas fir piles, inc. test piles;
(16) 50 each driving do;
(17) 16 each monuments;
(18) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS OPENED

CONTRA COSTA COUNTY, Cal.—A. T. Howe, 111 Stanford St., Santa Rosa, at $17,730.50 submitted low bid to the State Highway Commission, Sacramento, for the construction of a reinforced concrete girder overhead structure over the tracks of the Atchison, Topeka and Santa Fe Railway, 3½ miles north of Concord, consisting of one 32-ft. span and two 29-ft. spans and about 0.18 mile of roadway grading and surfacing with plant - mixed surfacing (medium curing type).

The work involves:

(1) 1 only exist. bridge to be removed and disposed of;
(2) 30 M. gals. water;
(3) 1500 cu. yds. imported borrow;
(4) 325 cu. yds. struc. excav.
(5) 10 stations finishing rdwy.;
(6) 360 tons crusher run base;
(7) 240 tons mineral aggregate (plant mixed surfacing);
(8) 12 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing;
(9) 2 tons liquid asphalt MC-2 (prime coat;
(10) 52,000 lbs. bar reinf. steel;
(11) 330 cu. yds. class A Portland cement conc. (structure);
(12) 14 cu. yds. class A Portland cement conc. (railing);
(13) 1850 lin. ft. furnishing creosoted Douglas fir piles, including test piles;
(14) 52 each driving creosoted Douglas fir piles, including test piles;
(15) 1 lot misc. items of work.

Total bids follow:

(A) A. T. Howe, Santa Rosa, $17,730.50
(B) W. Y. Soda and A. Soda & Son, Oakland, $19,614.75.
(C) McCune & Hillman, San Francisco $22,438.50.

	(A)	(B)	(C)
(1)	$200.00	$629.00	$1000.00
(2)	2.50	2.00	1.00
(3)	.90	2.08	1.00
(4)	2.00	1.25	2.50
(5)	7.00	41.75	10.00
(6)	2.75	3.00	3.00
(7)	5.00	4.50	5.00
(8)	5.00	27.50	25.00
(9)	18.00	36.00	25.00
(10)	.044	.045	.045
(11)	21.00	19.00	24.00
(12)	28.00	30.00	45.00
(13)	.63	.50	.80
(14)	32.00	38.00	48.00
(15)	450.00	489.00	1500.00

LOW BIDDERS

HUMBOLDT COUNTY, Nev. — Nevada Rock & Sand Co., Inc., 949 East 4th St., Reno, at $34,273.20 submitted

low bid to the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of an underpass under the Southern Pacific Railway in Humboldt County, Route 1, Section A4, near Winnemucca, a length of approximately 0.4 mile.

Isbell Const. Co., Reno, at $37,675.-20 submitted second low bid.

BID OPENING POSTPONED

ELKO COUNTY, Nevada.—Bids for construction of a concrete and steel overpass over the Western Pacific Railway, and approaches on the State Highway System in Elko County, Rte. 1, Section D1, near Wells, a length of approximately 0.43 mile, were not opened by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, Nov. 13, due to a change in the State Highway program.

CONTRACT AWARDED

BAKER COUNTY, Oregon—Oregon Contracting Co. and Theodore Arenz, 10509 N. E. Sandy St., Portland, at $55,793.75 submitted low bid and were awarded contract by the Oregon State Highway Commission, Portland, Nov. 7, for construction of four bridges over Burnt River and one culvert over Chicken Creek on the Old Oregon Trail near Weatherby.

Max J. Kuney, Spokane, at $57,-719.50 submitted second low bid. Third low bid was submitted by J. A. Terteling & Sons, Boise, at $59,061.

BIDS WANTED

SACRAMENTO CO., Calif.—Until December 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for widening the existing undergrade crossing at 16th Street in Sacramento.

The work involves:

(1) 400 c.y. exis. concrete to be removed;
(2) 2,500 c.y. struc. excav.;
(3) 155 tons asphalt concrete;
(4) 820 c.y. Class A Portland cement concrete;
(5) 4 c.y. Class F Portland cement concrete (railing);
(6) 115 sq. yds. plaster;
(7) 26,000 lbs. reinf. steel;
(8) 47,000 lbs. struc. steel;
(9) 1,200 lbs. cast steel;
(10) 1 lot aluminum flood gates;
(11) 1 only metal door;
(12) 3,240 l.f. furnishing treated Douglas fir piles, incl. test piles;
(13) 32 each driving do;
(14) 190 l.f. 8-in. perf. metal pipe underdrains;
(15) 230 l.f. pipe handrail;
(16) 500 l.f. temporary railing;
(17) 50 l.f. stone drains;
(18) 1 lot electrical equip.;
(19) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

FRESNO COUNTY, Cal.—Until Dec. 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway at Calwa, consisting of 158 l.f. of track spans and twenty-eight 40-ft. concrete girder spans on concrete piers and abutments with timber pile foundations; and constructing approaches and paving with Portland cement concrete pavement.

The work involves:

(1) 80 M. gals. water;
(2) 1,100 c.y. rdwy. excav.;
(3) 3,000 c.y. struc. excav.;
(4) 5,150 c.y. imported borrow;
(5) 2,930 sq. yds. subgrade for pave.;
(6) 1,300 ton crusher run base;
(7) 920 tons mineral agg. (plant-mixed surfacing);
(8) 65 tons liquid asph. ROMC-4 (do)
(9) 7 tons liquid asph. SC-2 (prime coat);
(10) 7 tons liquid asphalt MC-3 (seal coat);
(11) 70 c.y. stone screenings, seal coat
(12) 515 c.y. Class A Portland cement concrete (pavement);
(13) 5,320 c.y. Class A do (struc.);
(14) 250 c.y. Class A do (railing);
(15) 250 c.y. Class A do (curbs and gutters);
(16) 700 each pavement dowels;
(17) 780,000 lbs. bar reinf. steel;
(18) 133,000 lb. struc. steel;
(19) 27,100 lbs. cast steel;
(20) 17,200 l.f. furnishing treated Douglas fir piles, inc. test piles;
(21) 688 each driving do;
(22) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

KITTITAS COUNTY, Wash.—Until Nov. 26, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for straightening, widening and deepening the channel of Roslyn Creek in Cle Elum on State Road No. 2, involving about 1,370 c.y. of excavation, 27 c.y. of concrete and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

CONTEMPLATED

PORT ORFORD, Oregon—Construction of a 2½ mile breakwater to landlock harbor is sought by Gilbert M. Gable, president of the five corporations engaged in developing an industrial empire in Curry County. Estimated cost, $5,000,000 to $7,000,000.

Joseph A. Vandergrift, chief engineer for the Port Orford development corporations.

BIDS OPENED

SACRAMENTO, Cal.—Following bids received by the U. S. Engineer Office, Sacramento, under Bid No. 36-79, for furnishing and operating one dragline and performing all work as directed by the contracting officer for work on the Dozier spoil area about 7 miles southwesterly from Rio Vista, on the westerly side of the Sacramento river:

(1) furnishing and operating dragline for 360 hours;
(2) lump sum, delivery of dragline to site of work and removal therefrom upon completion of contract:

Delta Dredging Co., Pittsburg: (1) $5.30 per hour, total $1908; (2) $106; equipment has 40-ft. boom and ¾-yd. bucket.

J. P. Breen, Sacramento, (1) $6.00, total $2160; (2) $200; 45-ft. boom and 1¼-yd. bucket.

Lord & Bishop, Sacramento: (1) $5.10 total $1836; (2) $300; 40-ft. boom and ½-yd. bucket.

R. P. Easley, Antioch: (1) $6, total $2160; (2) $100; 40-ft. boom and ¾-yd. bucket.

C. Mankel, Sacramento (1) $7.50, total, $2750; (2) $200; 40-ft. boom and 1-yd. bucket.

J. R. Reeves, Sacramento: (1) $6.50 total $2340; (2) $255, on equipment having 45-ft. boom and 1¼-yd. bucket.

(1) $4.75, total $1710; (2) $170; 35-ft. boom and ½-yd. bucket. (1) $5.75, total $2070; (2) $205; 35-ft. boom and ¾-yd. bucket.

Bids held under advisement.

23—IRRIGATION PROJ.

PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, during the month of October, 1935:

4640, Application 8363 (Trinity Co.) issued to Mrs. Nellie L. Noschka, Hyampom, Oct. 1, for 4000 gals. per day from Stone Heart spring, for mining and domestic purposes. Estimated cost, $150.

4641, App. 8413 (San Joaquin Co.) issued to C. G. Outland, Modesto, Oct. 1, for 1.0 cfs from Lone Tree Creek for irrigation of 70 acres. Estimated cost, $2,000.

4642, App. 8399 (Los Angeles Co.) issued to Division of Highways, Sacramento, Oct. 1, for 30,000 gals. per day from Read spring, for domestic purposes and irrigation of 5 acres. Est. cost, $6,000.

4643, App. 8089 (Sierra Co.) issued to Cora E. Thayer, Forest, Oct. 4, for 3 cfs from an unnamed stream for mining and domestic purposes. Estimated cost, $500.

4644, App. 8422 (Butte Co.) issued to Herman Kiel, Paradise, Oct. 7, for 0.025 cfs from Ogden Creek, for domestic purposes.

4645, App. 8423 (Inyo Co.) issued to J. H. Thorndike, Trona, Oct. 10, for 0.05 cfs from an unnamed spring, for domestic purposes and irrigation of 12 acres. Est. cost, $500.

4646, App. 8392 (Ventura Co.) issued to C. W. Churchill, Frazier Mountain Park, Oct. 15, for 2 cfs from Mutau Creek, for mining purposes. Estimated cost, $750.

4647, App. 8390 (Sonoma Co.) issued to J. J. Sassenrath, Eldridge, Oct. 17, for 1000 gals. per day from Sonoma Creek, for domestic purposes. Est. cost, $15.

4648, App. 8361 (Sierra Co.) issued to Dr. Austin Tichenour, Downieville, Oct. 18, for 400 gals. per day from an unnamed spring for domestic purposes. Est. cost, $100.

4649, App. 8276 (San Luis Obispo Co.) issued to Mrs. Marie Barlow, Santa Margarita, Oct. 21, for 1.78 cfs from two wells in Salinas river, for irrigation of 16 acres. Est. cost, $500.

4650, App. 8277 (San Luis Obispo Co.) issued to Manuel S. Gularte, Santa Margarita, Oct. 21 for 1.34 cfs from Salinas River, for industrial purposes. Est. cost, $350.

4651, App. 8419 (Siskiyou Co.) issued to W. E. Shores, Seiad Valley, Oct. 24, for 3 cfs from an unnamed creek, for mining and domestic purposes.

4652, App. 8355 (Siskiyou Co.) issued to Mrs. C. H. Roff, Ceciliville, Oct. 26, for 1.0 cfs from Thompson Gulch for domestic purposes and irrigation of 8 acres. Est. cost, $400.

4653, App. 8338 (Contra Costa Co.) issued to Marie Sproule, San Francisco, Oct. 29, for 14 cfs from Old River, Italian Slough and a dredger cut, for irrigation of 2220.62 acres.

BIDS WANTED

SUN RIVER PROJECT, Montana.—Until Dec. 2, 2 P. M., bids will be received by the Bureau of Reclamation, Fairfield, Mont., under Spec. No. 650, for the construction of earthwork and structures, Mill Coulee wasteway and laterals and sublaterals, Greenfields Division and Sun River Slope Division, Sun River Project, Mont.

The work is located near Sun River, Fairfield and Augusta, and the prin-

cipal items of work involved are:
(1) 88,900 c.y. excav. for wasteway and laterals;
(2) 24,300 sta. c.y. overhaul;
(3) 2,250 c.y. excavation for struc.;
(4) 2,275 c.y. backfill;
(5) 837 c.y. concrete in structures;
(6) 300 sq. yds. grouted paving;
(7) 30 sq. yds. dry-rock paving;
(8) placing 49,000 lbs. reinf. bars;
(9) erect 2 MFBM timber in struc.;
(10) laying 1,344 l.f. 15- to 30-in. conc. pipe;
(11) laying 929 l.f. 15- to 48-in. corru. metal pipe;
(12) installing 16,300 lbs. gates and misc. metal work.

Plans and specifications obtainable from the Bureau of Reclamation at Fairfield, Mont.; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1.50 not returnable.

EXTRA WORK AUTHORIZED

LOS ANGELES, Cal.—The county supervisors have appropriated $11,000 for extra work on San Gabriel Dam No. 1. The work involved includes repair and resurfacing of aprons at the outlet structure of the downstream portal of the diversion tunnel and raischief engineer. West Slope Const. Co. ing the cofferdam 15 ft. C. H. Howell, contractor.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

BOULDER CITY, Nev.—General El. Co., 1 River Road, Schnectady, N. Y., at $1,330,600 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 638, for furnishing and installing two $2,500-kv-a, 180-rpm, vertical shaft, alternating current generators for the Boulder Power Plant, Boulder Canyon Project.

BIDS OPENED

BONNEVILLE, Oregon — Bids for furnishing two 200-ton cranes for the Powerhouse of the Bonneville Power-Navigation Project, under Bid No. 694-36-100, were opened by the U. S. Engineer Office, Second Portland District, November 6.

Bids were taken as follows:

ALTERNATE "A"

Bidders shall quote prices for furnishing the apparatus, materials, and services specified, except that the Government will pay the cost of transporting the apparatus and materials from bidder's shipping point to Bonneville, Oregon; shipment to be made on Government bills of lading.
(1) 2 300-ton, double trolley, motor operated, electric overhead traveling cranes;
(2) 1 lot of three lifting beams for use with cranes listed above;
(3) 780 lin. ft. single runway conductor and supports;
(4) 60 man days, services of erection supervisor during erection and installation of cranes.

ALTERNATE "B"

Bidders shall quote prices for furnishing the apparatus, materials, and services specified, f.o.b. cars at Bonneville, Oregon.

Items same as under Alt. "A".

Complete bids follow:
Harnischfeger Sales Corp., Malwaukee, Wisconsin: Alt. A, $147,842.; Item (1) $128,250; (2) $17,150; (3) $1092; (4) $1350; Alt. B, $167,181.80 (1) $144,010; (2) $20,325; (3) $1177; (4) $1350.
Shepard-Niles Crane & Hoist Corp., Montour Falls, N. Y.: Alt. A, $174,332; (1) $154,314; (2) $16,676; (3) $2262; (4) $1080. Alt. B, no bid. Discount, ½%, 30 days.
Judson-Pacific Co., 609 Mission St., San Francisco: Alt. A $171,357; (1) $156,700; (2) $15,190; (3) $1267; (4) $1200; Alt. B, $180,273; (1) $162,-200; (2) $15,511; (3) $1302; (4) $1200.
Morgan Engineering Co., Alliance, O.: Alt. A, $159,980; (1) $143,970; (2) $13,250; (3) $1560; (4) $1200; Alt. B, $178,708; (1) $160,260; (2) $15,-608; (3) $1640; (4) $1200.
Alliance Machine Co., Alliance, Ohio: Alt. A, $192,020.60; (1) $191,960; (2) $16,037; (3) $1250; (4) $1050; Alt. B, no bid.
Whiting Corp., Harvey, Illinois: Alt. A, $179,920; Alt. B, $197,200.
Bids held under advisement.

BIDS OPENED

SAN FRANCISCO — Scott-Buttner Refrigerator Co., 1656 Pine St., at $298.31 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1471, for furnishing and installing in San Francisco General Hospital six refrigerating machines, built to specifications:
Complete bids follow:
Scott-Buttner Refrigerator Co., $2,-298.31.
Shirar-Young Company, $2778.
Henshow Refrigerator & Fixture Co., $3161.82.
Cyclops Iron Works, $3335.14.
Electric Appliances, Inc., $3636.40.
Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—Colson Equipment & Supply Co., 7 Front St., at $341.41 each, submitted the only bid received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1470, for furnishing nine electric food conveyors for the San Francisco Hospital.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, November 8, under Spec. No. 735-D for furnishing pipe hangers for installation in the Boulder Power Plant, Boulder Canyon Project

Power Piping Co., Pittsburg, $3,985 fob Boulder City; 2% discount; delivery, 45 days.

Berkeley Steel Const. Co., Berkeley $3,800 fob Berkeley; net; delivery, 30 days.

Arthur J. O'Leary & Sons. Co., Chicago, $3,700 fob Chicago; ½%; delivery, 100 days.

Associated Piping & Engr. Co., Los Angeles, $4,336 fob Boulder City; 1%; delivery 30 days.

Buehler Tank and Welding Works, Los Angeles, $4,150 fob Los Angeles; net; delivery, 30 days.

Kortick Mfg. Co., San Francisco, $4-369 fob San Francisco; net, delivery, 30 days.

Grinnell Co. of the Pacific, Los Angeles, $4,312 fob Warren, Ohio; 2%; delivery, 30 days.

Bids held under advisement.

BIDS OPENED

PASADENA, Cal.—Bids for furnishing two 6000-kva, 16,000/2400-volt, 3-phase power transformers for Maryland substation, to be located on Skiller Lane, one-half block west of Los Robles Ave., submitted to the Pasadena city directors, were:

Allis-Chalmers Co.: (1) $22,350 each, total, $44,700; (1a) same prices); (2) $14,010 each, total, $28,020.

Wagner Electric Corp.: (2) $14,905; total $28,810.

Maloney Electric Co.: (2) $14,469 ea.; total $28,886.

General Electric Co.: (1) $22,638 ea., total $45,276; (2) $15,546 each, total $31,092.

Westinghouse Electric & Mfg. Co.: (1) $22,614, total $45,228; (1a) same prices; (2) $15,524 each, total $31,048.

The bids were taken under advisement.

27—FIRE ALARM SYSTEM

BONDS VOTED

SACRAMENTO, Cal.—A bond issue of $130,000 for the construction of a new police and fire alarm system carried at the special election Nov. 5.

CONTRACT AWARDED

LUALUALEI, T. H.—Hawaiian El. Co., 900 Richard St., Honolulu, at $4,-584 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, D. C., under Spec. No. 8043, for construction of a fire alarm and telephone system at Lualualei.

29—STREETS AND HIGHWAYS

BIDS OPENED

SAN FRANCISCO.—A. G. Raisch, 1 De Haro Street, at $52,571 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18-867, for the improvement of Alemany Blvd., Section D, from San Jose Ave. to Orizaba Ave.

The work involves:
(1) 10,000 cu.yds. embankment;
(2) 140,000 sq.ft. asphalt-concrete pavement (1½-1½-8-in.) Class "E" concrete;
(3) 3,750 sq.ft. asphalt-concrete pavement (2-6-in.) Class "F" concrete;
(4) 5,000 sq.ft. asphaltic concrete pavement (1½-1½-4-in.) asphalt base;
(6) 1,800 sq.ft. asphalt-macadam sidewalk (2-5-in.);
(7) 2,050 sq.ft. asphalt-macadam sidewalk (1-4-in.);
(8) 210 lin.ft. Redwood curb (painted) (2-12-in.);
(9) 3,100 lin.ft. concrete curb (armored);
(10) 31,000 sq.ft. concrete sidewalk (one course);
(11) 5 brick manholes;
(12) 5 brick catchbasins;
(13) 630 lin.ft. 12-in. V.C.P. sewer;
(14) 360 lin.ft. 8-in. V.C.P. sewer;
(15) 240 lin.ft. 10-in. V.C.P. culvert;
(16) 400 lin.ft. sewer;
(17) 19 12-in. x 6-in. "Y" or "T" branches;
(18) 11 8-in. x 6-in. "Y" or "T" branches;
(19) Lump sum traffic control system installed, complete;
(20) Lump sum lihtin system installed, complete.

Total bids follow:
(A) A. G. Raisch $52,571.60
(B) Fay Improvement Co. 54,274.95
(C) Pacific States Const. Co. 57,693.00
(D) Chas. L. Harney 58,174.22
(E) Eaton & Smith 61,041.50

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .30	$ .10	$ .11	$ .285	$ .25
(2)	.25	.2765	.29	.282	.303
(3)	.23	.225	.20	.192	.23
(4)	.20	.16	.15	.24	.17
(5)	.12	.10	.15	.11	.11
(6)	.10	.07	.10	.097	.08
(7)	.08	.054	.08	.08	.06
(8)	.20	.20	.25	.212	.30
(9)	.58	.65	.70	.63	.74
(10)	.107	.11	.12	.116	.13
(11)	54.00	70.00	75.00	86.70	90.00
(12)	54.00	70.00	75.00	78.70	90.00
(13)	.90	1.00	1.40	2.28	1.00
(14)	.75	.75	.95	1.88	.75
(15)	1.00	1.00	.90	1.95	1.00
(16)	.60	.60	.80	.77	.60
(17)	2.50	1.25	4.00	1.13	1.25
(18)	1.00	1.25	3.00	.63	1.25
(19)	1047.00	975.00	1100.00	700.00	1100.00
(20)	4095.00	4000.00	4300.00	3700.00	4200.00

BIDDERS

GLAS COUNTY, Nev. — Pacific Co., 334 Stockton Street, San isco, at $61,451.31 submitted the d to the Nevada State Highway ors, Robt. A. Allen, State High-Engineer, Carson City, for the uction of a portion of the State ay System in Douglas County, n Centerville and Gardnerville, th of approximately 3.88 miles. ll Const. Co., Reno, at $75,409.90 tted second low bid.

SK BIDS

RLOCK, Stanislaus Co., Calif.— Council has authorized a call for or the installation of stop and nals at Front and East Main s. Specifications prepared by Engineer H. C. Hall. Estimated $1,200.

WANTED

ANO COUNTY, Cal.—Until De- r 2, 11 A. M., bids will be re- by the County Board of Super- G. G. Halliday, Clerk, Court , Fairfield, for supplying and in- g a highway crossing signal tion over the tracks of the San isco, Napa & Calistoga Railroad ssissippi Street, north of the f Vallejo. Bidders will submit plans and specifications with oid; plans must be approved by ilroad Commission.

RACT AWARDED

HISE CO., Ariz.—Pleasant-Has- , 324 Luhrs Bldg., Phoenix, at d awarded contract Nov. 6 by rizona State Highway Commis- Phoenix, for highway construc- n the Fort Huachuca-Bisbee ay, W.P.S.O. 108-B; A.F.E. 613. work, which begins about 12½ south of the U. S. Military re- and is to extend easterly toward for approximately 10½ miles, s of grading and draining the ay, placing select material and Plant Mix, and is to be com- on or before Oce. 31, 1936. The al items are:

cu. yds. roadway excavation;
cu. yds. drainage excavation;
cu. yds. structural excavation;
cu. yds. borrow;
cu. yds. imported borrow;
cu. yds. select material;
cu. yds. concrete;
lbs. reinforcing steel;
lin. ft. C. M. pipe of various izes;
lin. ft. road guard;
lin. ft. standard line fence;
tons plant mix;
tons emulsified asphalt;
tons CS-2 road oil;
tons screenings;
½ miles of placing plant mix;
cu. yds. shoulder material.

. Casson, Hayward, Calif., sub- the second low bid at $193,466.

RACT AWARDED

JAJO COUNTY, Ariz. — E. L. ur, Box 470, San Bernardino, at awarded contract Nov. 6 by rizona State Highway Commis- Phoenix, for highway construc- F.A. 20, reopened, and F.A. 22, ned; A.F.E. 543, streets in Wins- .

work, which lies within the city of Winslow, consists of grad- raining and the furnishing and of select material, gravel side- curb and gutter and cutback mix, and is to be completed on or Feb. 15, 1936.

D WANTED

LEJO, Solano Co., Calif.—Until ober 18, 11 a.m., bids will be re- by the Vallejo City Council. Alf. E. Edgcumbe, City Clerk, for paving one block on Packard Alley, from Transport St. to Santa Clara Street. Estimated cost $2,500.

The work involves:
(1) 236 c.y. grading;
(2) 800 l.f. redwood curbs;
(3) 6,400 sq .ft. concrete pavement, 5-in. thick;
(4) 180 l.f. 6-in. clay pipe sewer;
(5) 2 manholes;
(6) 1 storm water inlet;
(7) 10 sq. ft. restore sidewalk;
(8) 34 sq. ft. restore pavement.

Plans and specifications obtainable at the office of City Engineer T. D. Kilkenny upon deposit of $5.

CONTRACT AWARDED

JACKSON COUNTY, Ore. — A. S. Wallace, Roseburg, at $15,265 awarded contract by the Oregon State Highway Commission, Portland, Nov. 7, for furnishing approximately 8,500 c.y. crushed rock in stockpiles on the Ashland - Jenny Creek Rock Production Project on Green Springs Highway.

A. A. Hardesty, Portland, at $16,-905 submitted second low bid and Saxton & Looney, Portland, at $18,335 was third low bidder.

BIDS OPENED

UMATILLA COUNTY, Oregon — James Crick, N. 3104 Monroe Street, Spokane, Wash., at $123,244 submitted low bid to the Oregon State Highway Commission, November 7, for 4.3 mi. grading on the Pendleton Hill Section of the Old Oregon Trail.

McNutt Bros., Eugene, at $124,-849.50 submitted second low bid; and Whites Trucking Co., Bonneville, at $125,878 submitted third low bid.

Bids held under advisement.

CONTRACT AWARDED

WHEELER COUNTY, Ore.—Edlefsen-Weygandt Co. and E. Hefty, N. Peninsular and Columbia Blvd., Portland, at $86,460 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Nov. 7, for 7.92 miles crushed gravel surfacing on Service Creek-Burton Canyon Unit, and 4.49 miles regrading, surfacing and oil mat surfacing on the Burton Canyon-Spray Unit of the Service Creek-Spray Section of John Day Highway.

J. C. Compton, Saxton and Looney, and F. C. Dillard, Portland, submitted second low bid at $93,819.50.

Third low bid was submitted by Theo. Arenz and Oregon Contracting Co., Portland, at $93,902.

CONTRACT AWARDED

LINN COUNTY, Oregon—Myers & Goulter, 3227 First St., Seattle, at $108,165 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, Nov. 7, for 1.15 miles grading on the Grade Creek-Storm Creek Section of the Santiam Highway.

J. A. Lyons, Portland, at $108,685 submitted second low bid.

Third low was submitted by Slate Constr. Co., Albany at $117,385

CONTRACT AWARDED

LAKE COUNTY, Oregon — Babler Bros., 2407 N. E. 28th St., Portland, at $107,952 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, November 7, for 1.23 miles grading, 14.6 miles grade widening, 15.8 miles gravel surfacing, and 16 miles road mix surfacing on the Paisley-Chewaucan Narrows Section of the Fremont Highway.

Second low bid was submitted by A. Milne, Portland, at $110,978.50; and third low bid by Warren Northwest Roads Co., Portland, at $112,565.

BIDS OPENED

JEFFERSON COUNTY, Oregon—M. L. O'Neil & Son, Eugene, at $41,779 submitted low bid to the Oregon State Highway Commission, Portland, Nov. 7, for 2.07 miles grading on the Agency Section of Warm Springs Highway.

Berke Bros., Inc., Portland, at $42,-036 submitted low bid; and McNutt Bros., Eugene, at $43,518 submitted third low bid.

CONTRACT AWARDED

STEVENS COUNTY, Wash.—J. H. Collins & Co., Box 678, Walla Walla, at $69,772 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading, draining and surfacing with crushed stone about 4.9 miles of State Road No. 3, Inklers Point to Chewelah.

Second low bid was submitted by Goodfellow Bros., Wenatchee, at $72,-091; and third low by N. A. Degerstrom, Spokane, $76,359.

BIDS WANTED

MARICOPA COUNTY, Arizona—Until November 22, 2:30 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Yuma Highway (Streets in Phoenix), WPMH 30-F; A.F.E. 8070. The work, which is to extend from Buchanan St. (Phoenix) southerly on 17th Avenue to Greenshaw Street and thence westerly to 19th Ave., consists of grading and draining, constructing concrete curb and gutter and concrete storm drain, furnishing ad placing select material and cutback plant mix, and is to be completed on or before May 31, 1936. The principal items and approximate quantities are:

10,600 sq. yds. parkway grading;
21,700 sq. yds. grading under pavement;
473 sq. yds. concrete pavement;
83 cu. yds. concrete;
7,700 lbs. reinforcing steel;
5,600 cu. yds. select material;
970 cu. yds. aggregate base course;
3,600 tons plant mix;
670 tons plant mix seal coat;
173 tons cutback asphalt;
6 tons emulsified asphalt;
17 manholes;
1,300 lin. ft. plain concrete pipe (4 sizes);
7,800 lin. ft. reinf. concrete pipe (3 sizes);
100 lin. ft. C.M. pipe (2 sizes);
6,147 lin. ft. combined curb & gutter

Plans may be obtained from the state highway engineer, T. S. O'Connell. Certified or cashier's check, 5%. Funds in the sum of $140,000 have been programmed for this project.

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Phoenix Tempe Stone Co., Box 1645, Phoenix, at $41,882 awarded contract by the Arizona State Highway Commission, Phoenix, for improvements to the streets in the town of Lowell on the Benson-Douglas Highwty; F. A. 79-1, Schedule 1, A.F.E. 8057.

The work, which is to begin at the east city limits of Bisbee and extend southeasterly through the town of Lowell for a distance of about 0.3 mile, consist of widening and resurfacing the existing pavement with cutback plant mix, and the construction of a cement rubble masonry retaining wall, and a concrete culvert, and is to be completed on or before April 15, 1936.

BIDS WANTED

STATE OF WASHINGTON. — Until Nov. 26, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Chelan County: Surfacing and con-

structing a bituminous retread surface on about 37.2 miles of State Road no. 10, Junction State Road No. 2, north of Wenatchee to Chelan, involving about 2,380 c.y. of crushed stone surfacing, 10,000 c.y. of mineral aggregates, 1,600 tons of bituminous cement and other items.

Grant Co.: Surfacing with crushed stone about 18.2 miles and constructing 31.5 miles of light bituminous surface treatment on county road, Burke to Neppel, involving about 24,720 c.y. of crushed stone surfacing, 789 tons of bituminous cement, and other items.

Plans and specifications obtainable from the above office upon deposit of $2.00 per set.

BIDS OPENED

CLALLAM COUNTY, Wash.—Elliott & Co., 2155 Northlake St., Seattle, at $99,465 submitted low bid to L. V. Murrow, Director of Highways, Olympia, for grading, draining, and surfacing with crushed stone about 5.6 miles of State Road No. 9, Sequim to Blyn.

Acme Constro. Co., Seattle, at $102,-131 submitted second low bid; and Northwest Constr. Co., Seattle, at $120,532 submitted third low bid.

LOW BIDDERS

YUMA CO., Ariz.—Tiffany Construction Co., Flagstaff, at $38,115 submitted low bid to the Arizona State Highway Commission, Phoenix, Nov. 8, for construction of 1½ miles of new alignment on the Phoenix-Yuma Highway (Mohawk Line change) FA 55, 2nd Reop, AFE 8040, includ. grading, draining, aggregate base course and SC-2 road mix located near the town of Mohawk. The principal items and approximate quantities are;

16,700 c.y. rdwy. excav.;
2,000 c.y. slides and overbreakage;
289 c.y. Class A concrete;
23,400 lbs. reinf. steel;
720 l.f. CM pipe (3 sizes);
4,100 c.y. aggregate base course;
1,700 c.y. mineral aggregate;
33,000 gals. road oil;
1¼ miles processing road mix.

N. G. Hill, Phoenix, submitted the second low bid at $39,285.

BIDS WANTED

MARICOPA COUNTY, Ariz.—Until Nov. 22, 10 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Phoenix-Prescott Highway, WPMH 33.

The work, which begins at Christy Road and extends northwesterly about 6.3 miles to the south city limits of Glendale, consists of widening the existing pavement with concrete and other allied work, and is to be completed on or before Sept. 30, 1926.

The principal items and approximate quantities are:

44,000 sq. yds. grading under pave.;
42,700 sq. yds. concrete pavement;
7,000 l.f. grading under sidewalk;
800 tons plant mix;
32 tons cutback asphalt;
9 tons emulsified asphalt;
608 l.f. CM pipe (various sizes);
1,410 l.f. integral curb and gutter;
33,000 l.f. formation and finishing the shoulders.

Plans may be obtained from the state highway engineer, T. S. O'Connell. Certified or cashier's check for 5%. Funds in the sum of $148,000 have been programmed for this project.

BIDS WANTED

INYO COUNTY, Cal. — Until Nov. 19, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. W. Lowden, District Engineer, Bishop, for grading 7.3 miles of the state highway in Inyo County, between Death Valley Junction and the California-Nevada State Line. Plans and specifications may be obtained from the above office. Cash or certified or cashier's check, 10%.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 5, 2 P. M., bids will be received by State Highway Engineer, State Bldg., Los Angeles, for about 3.7 miles grading on Sepulveda Blvd., Los Angeles, between San Fernando Road and Brand Blvd.

The work involves:

(1) 194 sta. clearing and grubbing right-of-way;
(2) 6300 M. gals. water;
(3) 348,500 cu. yds. road excav. unclass.;
(4) 2800 cu. yds. struc. excav.;
(5) 3500 cu. yds. ditch and channel excavation;
(6) 6,000,000 station yds. overhaul;
(7) 194 sta. finishing roadway;
(8) 210 tons mineral aggregate (plant-mixed surfacing);
(9) 11 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(10) 20 tons asphalt concrete (Type "A" surface);
(11) 40 cu. yds. Class A Portland cement concrete (strucs);
(12) 220 cu. yds. Class B Portland cement concrete (strucs.);
(13) 3200 lbs. bar reinf. steel (strucs.)
(14) 18 MFBM treated Douglas Fir timber;
(15) 0.3 MFBM untreated Douglas Fir timber;
(16) 1800 lbs. struc. steel and metal;
(17) 27 each spillway assemblies;
(18) 740 lin. ft. 8-in. CMP;
(19) 130 lin. ft. 18-in. CMP;
(20) 70 lin. ft. 21-in. CMP;
(21) 970 lin. ft. 24-in. CMP;
(22) 122 lin. ft. 36-in. CMP;
(23) 100 lin. ft. 60-in. CMP;
(24) 200 lin. ft. 78-in. CMP;
(25) 385 lin. ft. 150 in multiplate CMP (93-11);
(26) 450 lin. ft. 18-in. CMP (siphon);
(27) 110 lin. ft. 24-in. CMP (siphon);
(28) 41 each culvert markers.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

LOS ANGELES and Orange Counties, Cal.—Until Dec. 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.6 miles grading and surfacing with selected material base in Los Angeles and Orange Counties between Luitwieler Ave. and La Mirada Ave.

The work involves:

(1) 135 sta. clear and grub right of way;
(2) 2,300 M. gals. water;
(3) 140,500 c.y. rdwy. excav., unclass.
(4) 1,800 c.y. struc. excav.;
(5) 550 c.y. ditch and channel excav.
(6) 250,000 sta. yds. overhaul;
(7) 135 sta. finishing rdwy.;
(8) 13,500 tons selected material;
(9) 240 c.y. Class A Portland cement concrete (struc.);
(10) 50 c.y. Class B do;
(11) 44,000 lbs. bar reinf. steel;
(12) 20 MFBM redwod timber, dense, select, all heart struc. grade;
(13) 15 MFBM redwood timber, select, all heart struc. grade;
(14) 30 tons rock (weep holes);
(15) 340 l.f. 8-in. CMP;
(16) 280 l.f. 18-in. CMP;
(17) 680 l.f. 24-in. CMP;
(18) 170 l.f. 54-in. CMP, 8 gauge;
(19) 14 each spillway assemblies.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SHASTA COUNTY, Cal.—Until Nov. 3, 2 P. M., bids will be received by State Highway Commission, Sacramento, for about 7.7 miles grading, surfacing with crusher run base, plant-mixed surfacing in Shasta County between 1½ miles east of Vista and Diddy Hill.

The work involves:

(1) 30 acres clearing and grubbing right of way;
(2) 3,205 M. gals. water;
(3) 151,000 c.y. rdwy. excav., unclass.;
(4) 1,800 c.y. struc. excav.;
(5) 600 c.y. ditch and channel excav.;
(6) 605,000 sta. yds. overhaul;
(7) 26,000 c.y. imported selected material;
(8) 407 sta. finishing rdwy.;
(9) 18,800 tons crusher run base;
(10) 105 tons liquid asph. SC-5 (seal coat);
(11) 10,600 ton mineral agg. (plant-mixed surfacing);
(12) 560 tons liquid asph. MC-5 or extra heavy (plant-mixed surfacing);
(13) 63 tons liquid asph. MC (seal coat);
(14) 575 tons sand (seal coat)
(15) 9,800 lbs. bar reinf. steel
(16) 132 c.y. Class A Portland cement concrete (struc.);
(17) 142 l.f. 12-in. CMP;
(18) 1,762 l.f. 18-in. CMP;
(19) 426 l.f. 24-in. CMP;
(20) 118 l.f. 30-in. CMP;
(21) 74 l.f. 36-in. CMP;
(22) 94 l.f. 42-in. CMP;
(23) 64 l.f. 48-in. CMP;
(24) 154 l.f. cleaning and s existing CMP culverts;
(25) 94 each culvert markers;
(26) 121 each monuments.

Plans and specifications ob from the office of the State Engineer, P. O. Box 1499, Sac and on file at the office of the Engineer in San Francisco, geles and Redding.

BIDS WANTED

PLUMAS COUNTY, Cal.—Until 3, 2 P. M., bids will be receive State Highway Commission, mento, for about 5.5 miles applying road-mix surface tr and seal coat in Plumas Co tween Ede's Ranch and Pass.

The work involves:

(1) 440 M. gals. water;
(2) 62,000 c.y. rdwy. excav.,
(3) 1,550 c.y. struc. excav.;
(4) 225 c.y. ditch and channe
(5) 40,500 c.y. imported borr
(6) 99,100 sta. yds. overhaul;
(7) 291 sta. finishing rdwy.;
(8) 300 tons liquid asph., RC
(9) 71,300 sq. yds. preparing and shaping roadbed;
(10) 60 tons asph. emulsion 90 coat);
(11) 450 c.y. sand (seal coat);
(12) 21,000 lbs. bar reinf. steel
(13) 225 c.y. Class A Portland concrete (struc.);
(14) 158 l.f. 12-in. CMP;
(15) 1,856 l.f. 18-in. CMP;
(16) 148 l.f. 24-in. CMP;
(17) 260 l.f. 36-in. CMP;
(18) 56 each culvert markers;
(19) 53 each monuments.

Plans and specifications ob from the office of the State Engineer, P. O. Box 1499, Sac and on file at the office of the Engineer in San Francisco, geles and Redding.

BID OPENING POSTPONED

ELKO COUNTY, Nevada.—Due to a change in the State Highway program, bids for construction of a portion of the State Highway System in Elko County, Route 1, Sections D1 nd E2, between a point approximately one mile west of Wells and Wells, a length of approximately 0.81 mile, were not opened by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, Nov. 13.

BIDS WANTED

SAN DIEGO COUNTY, Cal.—Until December 6, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 3.3 miles grading in San Diego County on Palomar Mountain Rd. between Iron Spring Creek and the Observatory site.

The work involves:
(1) 173 station clearing & grubbing right of way;
(2) 500 M. gals. water;
(3) 138,500 c.y. rdwy. excav., unclass.
(4) 132,600 sta. yds. overhaul;
(5) 1,650 c.y. struc. excav.;
(6) 10,000 c.y. imported selected material;
(7) 173 sta. finishing rdwy.;
(8) 1,486 l.f. 18-in. CMP;
(9) 512 l.f. 24-in. CMP;
(10) 116 l.f. 30-in. CMP;
(11) 370 l.f. 36-in. CMP;
(12) 128 l.f. 48-in. CMP;
(13) 68 l.f. 8-in. perf. metal pipe underdrains;
(14) 120 l.f. 75-in. multi-plate CMP;
(15) 60 c.y. rubble masonry;
(16) 0.3 mile removing exist. fences;
(17) 1,050 each border stones.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Diego.

BIDS WANTED

INYO COUNTY, Cal.—Until December 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.6 miles grading in Inyo County, between 1.8 miles north of Bishop and 1.4 miles north of Laws.

The work involves:
(1) Clearing and grubbing right-of-way;
(2) 13,000 cu. yds. roadway excav. unclass.;
(3) 91,000 sta. yds. overhaul;
(4) 75 cu. yds. struc. excav.;
(5) 680 cu. yds. ditch excav.;
(6) 6000 cu. yds. imported borrow;
(7) 24 lin. ft. 12-in. CMP;
(8) 132 lin. ft. 18-in. CMP;
(9) 80 lin. ft. 24-in. CMP;
(10) 20 lin. ft. clean and salvage existing CMP culverts;
(11) 6 each culvert markers;
(12) 61 each guide posts;
(13) 8 each guide posts removed and reset;
(14) 1.86 miles remove and reset exist. property fences;
(15) 0.22 mile remove and dispose of exist. property fences;
(16) 0.79 mile new property fences;
(17) 35 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno.

BIDS WANTED

SANTA BARBARA CO., Cal.—Until Dec. 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.4 miles grading and surfacing with road-mix surfacing over gravel base in Santa Barbara County between one mile east of Santa Ynez and Los Olivos.

The work involves:
(1) clearing and grubbing right of way;
(2) 320 M. gals. water;
(3) 141,000 c.y. rdwy. excav., unclass.
(4) 317,000 sta. yds. overhaul;
(5) 1,600 c.y. struc. excav.;
(6) 1,400 c.y. ditch and channel excavation;
(7) 289 sta. finishing roadway;
(8) 5,400 c.y. screened gravel base;
(9) 5,600 c.y. mineral agg. (road-mix surfacing);
(10) 650 tons liquid asphalt SC-3 (do);
(11) 66 tons liquid asphalt SC-2 (prime coat);
(12) 85 tons do (shoulders);
(13) 66 tons liquid asphalt SC-3 (seal coat);
(14) 485 tons screenings (seal coat);
(15) 45,000 lbs. bar reinf. steel;
(16) 405 c.y. Class A Portland cement concrete (struc.);
(17) 316 l.f. 8-in. CMP;
(18) 1,200 l.f. 18-in. CMP;
(19) 64 l.f. 24-in. CMP;
(20) 378 l.f. 36-in. CMP;
(21) 22 each spillway assemblies;
(22) 340 l.f. laminated guard railing;
(23) 70 each culvert markers;
(24) 344 each guide posts;
(25) 10.3 miles new property fence;
(26) 30 each gates, 14-ft.;
(27) 8 each gates, 10-ft.;
(28) 125 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

KINGS COUNTY, Cal.—Until December 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for grading shoulders on 6.3 miles in Kings County, between 2 miles south of Lemoore and 1½ miles east of Stratford.

The work involves:
(1) 1000 cu. yds. roadway excavation unclassified;
(2) 8000 cu. yds. imported borrow;
(3) 331 stations finishing roadway;

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

SAN FRANCISCO—UNION ST. TRACK RECONS.—CITY

SAN FRANCISCO, Calif.—Shannahan Bros., Inc., 6181 Eastern Ave., Los Angeles, at $43,242 submitted low bid to the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 170, for the reconstruction of the Union Street tracks.

The work involves:
(1) 54,000 sq. ft. removing pavement;
(2) 5,600 ft. removing existing rail, ties and fastenings and hauling the material to the Municipal pipe yard, single track;
(3) 2,100 c.y. excavation below pavement;
(4) 20 c.y. excavation and backfill for drains;
(5) lump sum, installing track drains
(6) 500 c.y. breaking and distributing concrete sub-ballast;
(7) 1,300 c.y. furnishing and distributing crushed rock ballast;
(8) 5,600 ft. constructing girder rail track, complete, including hauling materials, but excluding excavation, paving and bonding, single track;
(9) 190 installing thermit weld joints;
(10) lump sum, installing double track over double track crossing;
(11) lump sum, installing crossover;
(12) 54,000 sq. ft. asphaltic pavement on concrete ase;
(13) 4,400 sq. ft. asphaltic conform pavement inc. removal of existing asphalt;
(14) 500 sq. ft. concrete base for asculding the removal of the existing base;
(15) 5,800 ft. concrete stringer, single phaltic conform pavement, intrack.

Total bids follow:
(A) Shannahan Bros., Inc., Los Angeles, $43,242.00.
(B) Theo. Cohn, San Francisco, $45,948.00.
(C) Eaton & Smith, San Francisco, $48,575.00.
(D) Chas. L. Harney, San Francisco, $49,748.00.
(E) E. J. Treacy, San Francisco, $50,509.00.
(F) Fay Improvement Co., San Francisco, $53,269.50.
(G) Sibley Grading & Teaming Co., Ltd., San Francisco, $61,786.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ .0715	$ .075	$ .08	$ .10	$ .05	$ .15	$ .12
(2)	.53	.50	.60	1.00	.70	1.22	.76
(3)	.95	1.50	1.00	1.00	1.00	.75	1.50
(4)	2.50	4.00	1.50	3.00	1.00	2.00	5.00
(5)	120.00	25.00	75.00	100.00	150.00	75.00	100.00
(6)	3.00	1.75	1.07	2.00	2.50	2.75	1.50
(7)	3.05	2.20	3.00	2.50	3.00	2.75	1.50
(8)	2.03	2.07	1.80	1.80	2.30	2.40	4.50
(9)	15.00	16.00	21.00	13.00	12.60	13.75	15.00
(10)	525.00	650.00	450.00	1200.00	1500.00	800.00	725.00
(11)	829.00	475.00	500.00	1200.00	1070.00	800.00	300.00
(12)	.19	.23	.26	.25	.27	.26	.22
(13)	.19	.08	.15	.10	.10	.15	.10
(14)	.28	.20	.27	.20	.25	.25	.25
(15)	.34	.60	.75	.56	.60	.90	.60

SOLANO & NAPA COS.—11.2 mi. Grade & Pave—STATE

SOLANO AND NAPA COUNTIES, Cal.—Hanrahan-Wilcox Corp., 814 Hobart Bldg., San Francisco, at $424,428.79 submitted low bid to the State Highway Commission, Sacramento, for about 11.2 miles grading and paving with Portland cement concrete in Solano and Napa Counties, between one mile north of Carquinez Bridge and Cordelia.

The work involves:
(1) 2350 M. gals. water;
(2) 69,500 cu. yds. rdwy. excav. unclass.
(3) 1335 cu. yds. ditch excav.;
(4) 4200 cu. yds. struc. excav.;
(5) 520,000 sta. yds. overhaul;
(6) 47 sta. reworking exist. embankment surface;
(7) 10.2 miles preparing exist. rdwy.;
(8) 9 cu. yds. removing conc.;
(9) 285 tons liquid asphalt SC--1A (roadbed seal);

(10) 455 tons asphaltic cement grade E (roadbed seal);
(11) 143,000 cu. yds. selected material;
(12) 142,500 sq. yds. preparing subgrade or pavement;
(13) 590 stations finishing rdwy.;
(14) 353 cu. yds. salvaged surface base;
(15) 1800 tons crusher run base;
(16) 4 tons liquid asphalt MC-2 (prime coat, plant mixed surfacing);
(17) 640 tons mineral aggregate (plant mixed surfacing);
(18) 19 tons liquid asphalt ROMC-4 or 5 (plant mixed surfacing);
(19) 3 tons liquid asphalt MC-2 (seal coat, plant mixed surfacing);
(20) 25 tons screenings (seal coat, plant mixed surfacing);
(21) 405 tons liquid asphalt ROMC-3 or 4 (road mix surface treatment);
(22) 49,200 sq. yds. preparing, mixing and shaping shoulders or roadbed (road mix surface treatment);
(23) 192 tons liquid asphalt SC-2 (penetration oil traatment);
(24) 27,620 cu. yds. class B Portland cement conc. (pavement);
(25) 70 cu. yds. class A Portland cement conc. (structures);
(26) 146 cu. yds. class A Portland cement conc. (ditch lining);
(27) 183,000 lbs. bar reinf. steel (pavement and structures);
(28) 57,708 each pavement dowels;
(29) 2300 each pavement tie bolt assemblies;
(30) 1070 cu. yds. light riprap;
(31) 914 lin. ft. 8 in. C M P;
(32) 378 lin. ft. 12 in. C M P;
(33) 546 lin. ft. 18 in. C M P;
(34) 52 lin. ft. 24 in. C M P;
(35) 76 lin. ft. 36 in. C M P;
(36) 106 lin. ft. 48 in. C M P;
(37) 118 lin. ft. 54 in. C M P;
(38) 10,400 lin. ft. 8-in. perf. metal pipe (underdrains);
(39) 1795 cu. yds. rock filling material (underdrains);
(40) 16 each 8 in. spillway assemblies;
(41) 4 each 12 in. spillway assemblies;
(42) 1609 lin. ft. cleaning and relaying exist. C M P culverts;
(43) 10 cu. yds. class A Portland cement conc. (curbs and sidewalks);
(44) 1067 lin. ft. removing and resetting exist. guard railing;
(45) 0.8 mile removing and resetting exist. property fences;
(46) 6 each drive gates;
(47) 1 only type A-10 double traffic lane pavement crossing device;
(48) 7 each type B-10 double traffic lane pavement crossing devices;
(49) 4 each type C single traffic lane pavement crossing devices;
(50) 14 each monuments complete in place

Total bids follow:

(A) Hanrahan - Wilcox Corp., San Francisco, $424,428.79.
(B) Fredrickson & Watson Constr. Co., Fredrickson Bros., & Jones & King, Oakland, $439,686.16.
(C) N. M. Ball Sons Co., and Bodenhamer Constr. Co., Berkeley, $445,707.50.
(D) A. J. Raisch and A. G. Raisch, San Francisco, $460,241.14.
(E) Peninsula Paving Co., San Francisco, $461,556.46.
(F) Basich Bros., Torrance, $461,804.49.
(G) A. Teichert & Son, Inc., Sacramento, $466,919.95.
(H) Union Paving Co., San Francisco, $472,338.28.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .40	$ 1.50	$ 1.00	$ 1.00	$ 1.00	$ .35	$ 1.25	$ .80
(2)	.20	.20	.30	.23	.23	.20	.22	.25
(3)	.35	.70	.90	.75	.60	.25	.80	1.00
(4)	.80	1.00	.90	.85	.70	.90	.90	1.00
(5)	.01	.005	.005	.003	.005	.01	.0025	.005
(6)	39.00	50.00	50.00	100.00	55.00	50.00	75.00	50.00
(7)	470.00	125.00	200.00	200.00	300.00	600.00	300.00	500.00
(8)	6.00	5.00	5.00	7.00	5.00	2.00	10.00	10.00
(9)	9.90	8.50	10.00	10.00	10.00	9.00	11.00	12.00
(10)	15.50	16.00	16.00	16.00	16.00	15.00	18.00	20.00
(11)	.70	.76	.72	.85	.80	.89	.79	.80
(12)	.06	.07	.09	.04	.06	.08	.08	.07
(13)	5.00	10.00	5.00	4.00	5.00	8.00	5.00	6.50
(14)	1.40	.80	.60	.80	1.10	1.00	1.00	1.00
(15)	2.45	2.30	2.60	2.00	2.50	2.00	2.20	3.00
(16)	20.00	18.00	20.00	18.90	23.00	18.00	30.00	20.00
(17)	3.40	4.25	4.50	5.00	5.00	3.90	4.20	5.60
(18)	20.00	18.00	17.00	16.00	15.00	18.00	20.00	20.00
(19)	20.00	18.00	20.00	18.90	23.00	18.00	30.00	20.00
(20)	2.50	3.20	3.60	3.00	3.50	2.70	4.00	3.00
(21)	16.40	16.50	17.00	16.60	16.00	16.00	18.00	20.00
(22)	.05	.05	.05	.04	.05	.05	.055	.06
(23)	10.90	9.25	11.50	11.00	10.00	10.00	14.50	13.50
(24)	7.80	7.50	7.65	8.00	8.36	7.64	8.15	8.00
(25)	20.00	24.00	20.00	20.00	16.00	22.00	22.50	18.00
(26)	15.00	16.00	15.00	20.00	17.00	12.00	20.00	16.50
(27)	.0567	.06	.0575	.06	.04	.065	.06	.05
(28)	.15	.16	.12	.16	.17	.16	.15	.16
(29)	.45	.40	.50	.45	.41	.40	.40	.50
(30)	2.65	4.00	4.00	5.00	3.25	1.90	4.25	4.00
(31)	1.10	1.00	.90	.80	.75	.90	1.00	1.20
(32)	1.40	1.25	1.10	1.15	1.00	1.20	1.25	1.50
(33)	1.85	1.65	1.75	1.66	1.50	1.60	2.00	2.25
(34)	2.65	2.55	2.50	2.60	2.25	2.40	3.00	3.00
(35)	5.20	4.85	4.40	5.20	4.00	4.63	5.00	5.50
(36)	7.15	6.70	6.50	7.00	6.00	6.45	7.00	8.50
(37)	8.25	8.00	8.50	7.70	7.00	8.15	8.00	9.50
(38)	.90	1.00	.80	.75	.80	.90	.90	1.00
(39)	2.72	2.60	2.85	2.80	3.00	2.30	2.75	3.10
(40)	12.00	13.80	15.00	12.00	12.00	12.10	15.00	20.00
(41)	16.25	16.00	20.00	17.00	15.00	16.92	20.00	25.00
(42)	.40	.52	.50	.50	.40	.50	.50	.80
(43)	17.00	17.25	15.00	15.00	15.00	18.00	20.00	15.00
(44)	.40	.50	.60	.45	.50	.50	.50	.50
(45)	300.00	225.00	300.00	250.00	225.00	250.00	300.00	300.00
(46)	15.00	16.50	20.00	16.00	20.00	15.00	20.00	15.00
(47)	178.90	125.00	50.00	50.00	90.00	50.00	125.00	100.00
(48)	73.80	55.00	75.00	50.00	65.00	50.00	100.00	100.00
(49)	41.00	18.50	50.00	20.00	50.00	31.00	100.00	50.00
(50)	1.50	3.00	3.00	2.00	2.50	3.00	3.00	2.00

BIDS WANTED

SAN LUIS OBISPO CO., Cal.—Unti December 4, 2 P. M., bids will be re ceived by the State Highway Com mission, Sacramento, for about 6.6 mi grading and surfacing with crushe run base and road-mix surfacing l San Luis Obispo County, between on mile east of Cholame and the Ker County line.

The work involves:

(1) 580 M. gals. water;
(2) 271,500 c.y. rdwy. excav.;
(3) 895,000 sta. yds. overhaul;
(4) 4,375 c.y. struc. excav.;
(5) 4,375 c.y. ditch and channel ex cavation;
(6) 351 sta. finishing rdwy.;
(7) 9,560 c.y. crusher run base;
(8) 9,865 c.y. mineral agg. (road-mi surfacing);
(9) 80 tons liquid asphalt SC-2 (prim coat);
(10) 842 tons liquid asphalt SC-2 (roa mix surfacing);
(11) 80 tons liquid asphalt 90-95 (sea coat);
(12) 985 tons screenings (seal coat);
(13) 25 c.y. Class A Portland cemen concrete (culvert paving);
(14) 215 c.y. rubble masonry;
(15) 925 sq. yds. constructing pave gutters and inlet aprons;
(16) 580 l.f. 8-in. CMP;
(17) 2,462 l.f. 18-in. CMP;
(18) 572 l.f. 24-in. CMP;
(19) 352 l.f. 30-in. CMP;
(20) 618 l.f. 36-in. CMP;
(21) 494 l.f. 36-in. CMP, 10 gauge;
(22) 230 l.f. 48-in. CMP;
(23) 340 l.f. 48-in. CMP, 8 gauge;
(24) 200 l.f. 90-inch multi-plate CM (512-18);
(25) 60 l.f. 135-in. do (85-13);
(26) 22 each spillway assemblies;
(27) 5,215 l.f. laminated guard railing
(28) 370 each guide posts;
(29) 152 each culvert markers;
(30) 13.3 miles new property fence;
(31) 26 each drive gates;
(32) 123 each monuments complete i place.

Plans and specifications obtainabl from the office of the State Highwa Engineer, P. O. Box 1499, Sacrament and on file at the office of the Dis trict Engineer in San Francisco, L Angeles and San Luis Obispo.

BIDS OPENED

SAN FRANCISCO. — E. J. Treac 309 Call Bldg., at $1,237.80 submitte low bid to the Department of Publi Works, City Hall, under Spec. N 18,830, for the improvement of Blanch Street between Elizabeth and 23r Streets.

The work involves:

(1) 150 c.y. grading, excavation;
(2) 2900 sq. ft. 6-inch Class E cor crete pavement;
(3) 1 each taper tube lighting stand ard, Cat. No. 5722-1019 or equa in place;
(4) 166 l.f. 1½-in. black conduit, NE standard;
(5) 370 l.f. No. 8 solid single conduc tor 6000 V. R. & L. C. wire, NE standard;
(6) one each special concrete base f lighting standard complete.

Total bids follow:

(A) E. J. Treacy $1,237.8
(B) Eaton & Smith ..... 1,523.
(C) Fay Improvement Co. ..... 1,651.
(D) M. Bertolino ..... 1,883.
(E) Chas. L. Harney ..... 1,917.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .90	$ 1.33	$ 1.85	$ 2.00	$ 2.
(2)	.20	.22	.27	.34	.
(3)	100.00	187.00	100.00	30.00	200.
(4)	.30	.67	.60	.30	.
(5)	.40	.40	.28	.40	.
(6)	20.00	20.00	18.00	30.00	60.

LOW BIDDERS

NYE COUNTY, Nev.—Pacific Const. Co., 334 Stockton St., San Francisco, at $69,882.60 submitted low bid to the Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Nye County, Route 4, Section A1, between Tonopah and a point approximately three miles east of Tonopah, a length of approximately 3.12 miles.

Isbell Const. Co., Reno, at $72,859.50 submitted second low bid.

CONTRACT AWARDED

DOUGLAS COUNTY, Ore.—Jacobsen-Jensen Co., 517 N. E. Stanton St., Portland, at $119,296 submitted low bid and awarded contract by the Oregon State Highway Commission, Portland, November 7, for 1.68 miles grading and paving on Turkey Hill Section of the Pacific Highway.

Oregon Contracting Co. and Theo. Arenz, Portland, at $123,940.50 submitted second low bid; and E. C. Hall, Eugene, at $130,736 submitted third low bid.

BIDS WANTED

KERN COUNTY, Calif.—Until Dec. 4, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 5.1 miles grading and surfacing with road-mix surfacing in Kern County between four miles south of Shafter and Shafter.

The work involves:

(1) clearing and grubbing right of way;
(2) 2,200 M. gals. water;
(3) 24,500 c.y. rdwy. excav., unclass.
(4) 32,000 c.y. imported borrow;
(5) 75 c.y. ditch and channel excav.;
(6) 30,000 sta. yds. overhaul;
(7) 925 c.y. struc. excav.;
(8) 270 sta. finishing rdwy.;
(9) 1,350 tons liquid asphalt SC-4;
(10) 83,000 sq. yds. preparing, mixing, and shaping roadbed and shoulders;
(11) 9,825 tons mineral agg. (road-mix surfacing);
(12) 35 c.y. Class A Portland cement concrete (struc.);
(13) 1,450 lbs. bar reinf. steel (struc.)
(14) 320 l.f. 12-in. CMP;
(15) 920 l.f. 24-in. CMP;
(16) 35 each culvert markers;
(17) 1.7 miles existing property fences moved and reset;
(18) 0.5 mile new property fence;
(19) 45 each monuments complete in place.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

BIDS WANTED

KERN COUNTY, Cal. — Until December 3, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.3 miles grading in Kern County between the easterly entrance to Kern County Park and 1.25 miles easterly.

The work involves:

(1) 16,500 cu. yds. roadway excavation unclass.;
(2) 26,500 station yds. overhaul;
(3) 180 cu. yds. struc. excav.;
(4) 67 stations finishing roadway;
(5) 13 cu. yds. rubble masonry;
(6) 280 lin. ft. 24-in. CMP;
(7) 68 lin. ft. 30-in. CMP;

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Fresno.

BIDS WANTED

OAKLAND, Cal.—Until Nov. 29, 8 P. M., bids will be received by the Oakland City Council, W. W. Chappell City Clerk, for the improvement and widening of Telegraph Ave. between 40th and 51st Streets.

The work involves:

(1) 33,792 sq. ft. grading;
(2) 5,278 l.f. concrete curb;
(3) 57 l.f. existing granite curb to be reset;
(4) 26,412 sq. ft. concrete pavement;
(5) 650 tons asphaltic concrete mixture;
(6) 2639 sq. ft. cement sidewalks;
(7) 1151 sq. ft. concrete driveways;
(8) 10 catchbasins, Type B;
(9) 2 storm inlets, 24-inch;
(10) 325 l.f. 12-in. pipe conduit;
(11) 118 l.f. 10-in. pipe conduit.

The PWA has allotted a grant of 45% of the total estimated cost of $18-600.

Plans and specifications obtainable at the office of City Engineer Walter Frickstad upon deposit of $5.00.

BIDS OPENED

WHITE PINE COUNTY, Nev. Geo. French, Jr., P. O. Box 107, Stockton, Calif., at $85,786.85 submitted the only bid received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City for the construction of a portion of the State Highway System in White Pine County, Route 38, Section A, between Lund and Preston, a length of approximately 5.38 miles.

Bids held under advisement.

LOW BIDDERS

LYON CO., Nev.—Pacific Production Co., 334 Stockton St., Stockton, at $48,081.34 submitted low bid to Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Lyon County, Route 3, Section A1, within the city of Yerington, a length of approximately 0.90 mile.

J. A. Casson, Hayward, Calif., at $50,955.31 submitted second low bid.

TUOLUMNE CO.—MOCCASIN DIVERSION WKS.—CITY

TUOLUMNE CO., Calif.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $213,968 (Proposal A) submitted low bid to the Public Utilities Commission, City Hall, under H. H. W. S. Contract No. 156, for construction of the Moccasin Diversion Works.

A concrete overflow type dam and a concrete conduit are to be constructed to divert the waters of Moccasin Creek past Moccasin Re-regulating Reservoir of the Hetch Hetchy Water Supply System, in Tuolumne County.

Bids were taken on two propositions as follows:

PROPOSAL A covers all work required under the contract, using a precast pipe type conduit as alternate to the monolithic type conduit.

The work involves:

	Prop. A	Prop. B
(1)	1,500	1,500 c.y. common excavation for dam;
(2)	2,500	2,500 c.y. rock excavation for dam;
(3)	5,000	4,900 c.y. common excavation for conduit;
(4)	3,000	2,600 c.y. rock excavation for conduit;
(5)	1,500	1,500 drilling grout holes;
(6)	500	500 l.f. furnishing and installing grout pipes;
(7)	70	70 each making connections to grout pipes;
(8)	1,000	1,000 c.f. pressure grouting;
(9)	3,700	3,700 c.y. concrete, class A;
(10)	75	75 c.y. concrete, class B;
(11)	500	340 c.y. concrete, class C;
(12)	4,500	4,350 barrels Portland cement;
(13)	45,000	45,000 pounds reinforcing steel;
(14)	1,720	None l.f. Diversion conduit, monolithic type;
(15)	None	1,720 l.f. Diversion conduit, precast pipe type;
(16)	3,900	3,900 pounds Galvanized pipe hand railing;
(17)	2,000	2,000 pounds copper water stops;
(18)	38,000	38,000 pounds structural steel;
(19)	1,000	1,000 pounds steel hardware;
(20)	600	600 pounds galvanized steel wire rope.

Total bids follow:

(A) MacDonald & Kahn Co., Ltd., San Francisco, $213,968.00.
(B) L. E. Dixon Co., Los Angeles, $226,524.00.
(C) Healy-Tibbitts Constr. Co., San Francisco, $232,595.00.
(D) Morrison-Knudsen Co., Los Angeles, $254,850.00.
(E) Barrett & Hilpil, San Francisco, $274,416.00.
(F) Case Constr. Co., Inc., Alhambra, $275,216.00.
(G) Case Constr. Co., Inc. (Proposal "B"), $275,220.50.

NOTE—All bids are on Proposal "A", with the exception of the Case Constr. Co., who submitted bids on both proposals.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$2.95	$2.27	$2.00	$2.00	$1.50	$4.10	$5.00
(2)	2.95	5.57	3.00	4.00	6.00	4.10	5.00
(3)	2.95	2.37	2.00	.80	2.50	6.15	2.75
(4)	2.90	5.27	3.00	2.50	6.50	6.15	2.75
(5)	1.50	1.00	.50	1.00	2.00	1.00	1.00
(6)	.70	.50	.50	1.00	.75	.75	.75
(7)	3.70	2.00	5.00	4.00	3.00	2.50	2.50
(8)	1.85	1.25	2.00	1.25	3.50	2.00	2.00
(9)	10.50	12.67	16.00	16.00	15.00	12.75	20.05
(10)	26.00	15.00	34.00	30.00	30.00	37.00	40.60
(11)	10.00	10.00	12.00	17.00	10.00	14.00	17.50
(12)	2.80	2.68	3.00	3.00	3.50	3.25	3.25
(13)	.065	.05	.05	.07	.06	.06	.075
(14)	61.50	61.75	65.00	77.00	75.00	71.50	.....
(15)	.....	.....	.....	.....	.....	.....	70.65
(16)	.16	.20	.15	.20	.40	.30	.40
(17)	.70	.30	.30	.60	.65	.40	.40
(18)	.10	.08	.08	.10	.09	.13	.13
(19)	.75	.50	.10	.50	1.00	.60	.60
(20)	.30	.75	.20	.50	1.00	.80	.80

L. T. McAfee, Chief Engineer.

BIDS WANTED

OAKLAND, Cal.—Until Nov. 29, 8 P. M., bids will be received by the Oakland City Council, W. W. Chappell City Clerk, for the improvement of Twenty - second St. between Cypress and Adeline Streets.

The work involves

(1) 2547 c.y. excavation;
(2) 27,519 sq. ft. rock sub-base;
(3) 27,519 sq. ft. concrete pavement;
(4) 2,082 sq. ft. macadam shoulders;
(5) 2 catchbasins, 34-in. ;
(6) 3 catchbasins, 21-in.;
(7) 60 l.f. 12-in. vit. pipe conduit;
(8) 60 l.f. 10-in. do.

The PWA has allotted a grant of 45% of the total estimated cost of $10-700.

Plans and specifications obtainable at the office of City Engineer Walter Frickstad upon deposit of $5.00.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 18, 5 P. M., bids will be received by the San Jose City Council, John J. Lynch, City Clerk, for paving and resurfacing 13th St. between Santa Clara St. and Rosa St. Estimated cost, $72,043. Work will be financed by State gasoline tax funds.

The work involves:

(1) 60 l.f. curb;
(2) 3,646 tons 1½-in. asphalt concrete wearing surface;
(3) 3,514 tons 1- to 4-in. asphalt concrete leveling course;
(4) 2,875 cu.ft. Portland cement driveways;
(5) 4,000 gals. emulsified asph., primer coat;
(6) 8 Portland cement inlets with 17-in. cast iron grates;
(7) 200 l.f. 8-in. vitrified storm water drains;
(8) 12,000 sq. ft. installed concrete wearing surface, to be removed;
(9) 1,200 sq. ft. existing asphalt concrete surface to be finished with a non-skid coating.

Plans and specifications obtainable at the office of City Engineer W. L. Popp upon deposit of $3 per set, of which amount $2 will be returnable.

30—RESERVOIRS & DAMS

BIDS WANTED

BURNT RIVER PROJECT, Ore.—Until November 30, 10 A. M., bids will be received by the Bureau of Reclamation, Vale, Oregon, under Spec. No. 653, for constructing the Unity Dam, Burnt River Project, Oregon.

The work is located on the Burnt River about 40 miles southwest of Baker, and the principal items of work involved are:

(1) 325,000 cu. yds. all classes open-cut excavation;
(2) 2500 cu. yds. tunnel and shaft excavation;
(3) 12,000 cu. yds. backfill;
(4) 137,000 cu. yds. earth fill in embankments;
(5) 22,000 cu. yds. rock-fill on downstream slope of dam embankment;
(6) 7050 cu. yds. riprap;
(7) 725 cu. yds. concrete in tunnel and shaft;
(8) 3830 cu. yds. conc. in spillway;
(9) 735 cu. yds. concrete in other parts of dam;
(10) 1650 cu. ft. pressure grouting;
(11) Placing 492,000 lbs. reinforcement bars;
(12) Drilling 2000 lin. ft. grout and weep holes;
(13) Drilling 1380 lin. ft. holes for anchor bars;
(14) Constructing 2815 lin. ft. 4-in. to 18-in clay pipe drains;
(15) Installing 240,000 lbs. of metal work;
(16) Installing electrical conduit conductors and apparatus.

Work shall be commenced within 30 calendar days and completed within 700 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Vale, Oregon; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $3 per copy, not returnable.

BIDS WANTED

SALT RIVER PROJECT, Arizona—Until November 15, 10 A. M., bids will be received by the Bureau of Reclamation, % Salt River Valley Water Users' Association, Phoenix, Arizona, under Spec. No. 651, for the construction of a spillway for the Stewart Mountain Dam, Salt River Project, Arizona.

The work is located on the Salt River about 25 miles northeast of Mesa, and the principal items of

(1) 86,500 cu. yds. all classes of excavation;
(2) 100 cu. yds. excavation of old concrete;
(3) 7000 cu. yds. backfill;
(4) 7722 cu. yds. concrete;
(5) Placing 750,000 lbs. reinforcement bars;
(6) Chipping and roughening 360 sq. yds. old concrete surface;
(7) Constructing 2110 lin. ft. 6-in. to 12-in. sewer pipe drains;
(8) Installing 5050 lbs. metal work;
(9) Constructing a motor - generator house;
(10) Reconditioning gates.

Plans and specifications obtainable from the Bureau of Reclamation at Phoenix, Arizona; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable.

BIDS WANTED

BONNEVILLE, Ore.—Until Nov. 19, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, 627 Pittock Block, Portland, under Bid No. 694-36-134, for furnishing, loading, hauling, and placing loose and hand placed riprap on the slopes of the lower lock approach canal at Bonneville.

The work involves:

(1) 11,300 c.y. loose riprap;
(2) 7,500 sq. yds. hand placed riprap;
(3) 3,000 c.y. backfill.

Specifications obtainable from above office.

BIDS WANTED

SALT RIVER PROJECT, Arizona.—Until November 25, 10 A. M., bids will be received by the Bureau of Reclamation, care Salt River Valley Water Users' Assn., Phoenix under Spec. No. 651, for the construction of a spillway for the Stewart Mountain Dam, Salt River Project, Ariz.

NOTE: It was previously reported that bids would be received until Nov. 15, which was in error.

Complete description of the project was published Nov. 11.

BIDS OPENED

BONNEVILLE DAM, Ore.—Lynch Bros., Inc., 3635 Woodland Park Ave. Seattle, at $6920.50 submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, November 8, under Bid No. 694-36-123, for drilling in the area along the north bank of Columbia River at North Bonneville, Washington, involving:

(1) 600 lin. ft. churn drilling;
(2) 1100 lin. ft. stand pipe drilling;
(3) 200 lin. ft. core drilling;
(4) 470 lin. ft. churn drill casing left in ground;
(5) 1170 lin. ft. stand pipe left in ground.

Complete bids follow:

Lynch Bros., Inc., Seattle, $6920.50.
R. S. McClintock, Spokane, $9690.
Diamond Drill Contracting Co., Spokane, $10,830.
Cannon Bros., Compton, Calif., $11,-300.50 .
Engineer's Estimate, $12,442.90.

Bids held under advisement.

31—PIPE LINES & WELLS

BIDS WANTED

SAN FRANCISCO.—Until Nov. 21, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 85, for the laying of 6- and 8-in. cast iron mains in the Hunter's Point Dist.

The work involves:

(1) 32,450 l.f. excavation and backfill, trench 17x36-in.;
(2) 510 c.y. additional excavation and backfill;
(3) 1,080 sq. ft. additional pavement removal and replacement;
(4) installation of pipe:
  (a) 28,290 l.f. 6-in. bell and spigot cast iron pipe;
  (b) 4,160 l.f. 8-in. do;
(5) 29,190 lbs. installation of fittings, etc.;
(6) 4,140 l.f. making joints—bell and spigot;
(7) 43,210 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.00.

N. A. Eckart, chief engineer.

FUNDS ALLOTTED

EL CENTRO, Imperial Co., Cal.—Morris L. Cooke, administrator of rural electrification, Washington, D. C., has announced an allocation to the Imperial Irrigation District of $700,-000 for the construction of 497 miles of transmission and distribution lines in rural areas in Imperial county to serve 1500 families.

The administration has previously allocated to the Southern Power Co., the sum of $295,000 for rural electrification in Imperial County.

NEW BIDS WANTED

LOS ANGELES AND SAN BERNARDINO COS., Cal.—Until December 10, 10 A. M., new bids will be received by the Metropolitan Water District, 306 West 3rd St., Los Angeles, for constructing pre-cast pipe lines and appurtenant works of the Colorado River Aqueduct distribution system between Stations 1436 plus 00 and 2609 plus 18 of the Upper Feeder, located in San Bernardino and Los Angeles counties, between Ontario and one mile north of San Dimas, in accordance with Specifications 134. The work to be bid upon has been divided into two schedules as follows:

Schedule 6-P—5.18 miles, 11 ft. 8-in. diameter;

Schedule 7P— 5.66 miles, 11 ft. 8-in. diameter.

Specifications will not be ready until Tuesday, November 12, at which time they may be obtained at room 1007, 306 West 3rd St., upon payment of $5 per copy, not returnable. Certified check or cashier's check, 10%, must accompany each bid.

Bids for these sections were previously taken on October 24 and were rejected by the Board of Directors November 1, the board at that time ordering the specifications revised to specify only pre-cast pipe. All other sections of the line were awarded on the basis of pre-cast pipe.

QUANTITIES LISTED

LOS ANGELES and San Bernardino Counties, Cal.—Approximate quantities

and items for Schedules 6P and 7P, for precast pipe for the Upper Feeder of the Colorado River, between Ontario and one mile north of San Dimas in the counties of San Bernardino and Los Angeles, for which bids will be received by the Metropolitan Water District at 10 A. M., Dec. 10 (previously noted) are:

SCHEDULE 6P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 1436 plus 00 and 1709 plus 30. Pipe diameter 11 feet 8 inches; length 27,348 feet.

(1) 330,000 c.y. excav. for pipe—vertical trench;
(2) 36,000 c.y. excav. for pipe—side slope trench;
(3) 1000 c.y. excav. for struc.;
(4) 205,000 c.y. backfill;
(5) does not apply here;
(6) 2000 c.y. concrete in struc.—reinf.
(7) 250 c.y. do—plain;
(8) 600 c.y. concrete in anchors;
(9) 12,500 c.y. concrete in cradle;
(10) 27,348 l.f. precast concrete pipe—cage reinforcement;
(11) and (12) do not apply here;
(13) 290,000 lbs. placing reinf. steel in structures;
(14) 7,700,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 7000 lbs. furnishing and installing thimbles for manholes, air valve, stand pipe, and blow-offs;
(17) (18) and (19) do not apply here;
(20) 40,000 lbs. installing misc. metal;
(21) (22) (23) and (24) do not apply here;
(25) 400 ton-miles hauling steel;
(26) 30,000 ton-miles hauling cement.

SCHEDULE 7P

Construction of precast concrete pipe for the Upper Feeder of the Colorado River Aqueduct Distribution System between Stations 1709 plus 30 and 2009 plus 18. Pipe diameter 11 feet 8 inches; pipe length 29,878 feet; spillway, 166 feet.

(1) 321,000 c.y. excav. for pipe—vertical trench;
(2) 58,000 c.y. excav. for pipe—side slope trench;
(3) 4200 c.y. excav. for struc.;
(4) 206,000 c.y. backfill;
(5) does not apply here;
(6) 2650 c.y. concrete in struc.—reinf.
(7) 150 c.y. do—plain;
(8) 1100 c.y. concrete in anchors;
(9) 11,500 c.y. concrete in cradle;
(10) 29,878 l.f. precast concrete pipe;
(11) and (12) do not apply here;
(13) 500,000 lbs. placing reinf. steel in structures;
(14) 8,000,000 lbs. furnishing and placing reinf. steel in precast pipe;
(15) does not apply here;
(16) 7000 lbs. furnishing and installing thimbles for manholes, air valve, stand pipe, and blow-offs;
(17) (18) and (19) do not apply here;
(20) 80,000 lbs. installing misc. metal;
(21) does not apply here;
(22) 1150 l.f. relocating and reconnecting 10-inch concrete pipe water main;
(23) does not apply here;
(24) 1630 l.f. relocating and reconnecting 2-inch iron pipe water main;
(25) 300 ton-miles hauling steel;
(26) 17,000 ton-miles hauling cement.

BIDS OPENED

TACOMA, Wash.—Low bids received by the Tacoma City Council, W. A. Kunigk, City Water Superintendent November 6, for furnishing gate valves for installation in connection with the Green River gravity pipe line construction at 20th and J Streets, near Hood St. pumping station follow

Proposal 1—Pacific Waterworks Supply Co., Atlantic St. Dock, Seattle, $305.44.

Proposal 2—Washington Engineering Co., Tacoma, $11,379.

Proposal 3—Chapman Mfg. Co., Seattle, $6,665.

Proposal 4—Pelton Water Wheel Co. San Francisco, $1,527.

Proposal 5—Northern Engr. Co., Tacoma, $1,680.

Proposal 6—Chapman Mfg. Co., $10-265. •

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SONORA, Tuolumne Co., Cal.—Until November 22, 8 P. M., as previously reported, lump sum bids will be received by the Sonora City Council, J. V. Wulff, City Clerk, for the construction of intercepting and outfall sewers and sewage treatment plant, estimated to cost $49,000. Work includes removal of septic tanks on Sonora and Woods Creeks and construction of a large central disposal plant about a mile down Sonora Creek.

Additions or deductions from the lump sum bid shall be based on unit prices as follows:

(1) 15-in. vitrified pipe sewer, per lin. ft.;
(2) 12-in. do;
(3) 10-in. do;
(4) 8-in. do;
(5) 15-in. cast iron pipe sewer, per lin. ft.;
(6) 12-in. do;
(7) 10-in. do;
(8) 8-in. do;
(9) manholes complete with standard covers, each;
(10) manholes complete with sealed covers, each;
(11) drop manholes complete with standard covers, each;
(12) drop manholes complete with sealed covers, each;
(13) 15-in. x 6-in. wye branches for house connections, each;
(14) 12-in. x 6-in. do;
(15) 10-in. x 6-in. do;
(16) 8-in. x 6-in. do;
(17) Sedimentation tank complete with mechanical serum and inlet and outlet pipes, lump sum;
(18) Sludge digestion tank with inlet and outlet pipes and gas burner complete, but without sludge digesting bed, lump sum;
(19) Dosing tank complete with inlet and outlet pipes, lump sum;
(20) Sprinkling filter complete with inlet and outlet pipes, lump sum
(21) Final settling tank complete with inlet and outlet pipes, lump sum
(22) sludge bed complete for final settling tank, lump sum;
(23) Rubble wall for retaining fills, complete per cu. yd.;
(24) Class "B" concrete slab over pipe, complete per cu. yd. (under measure);

Plans and specifications obtainable from the above office and from John S. Bates, 2134 Eton Ave., Berkeley, engineer, upon deposit of $10.

The PWA has allotted a grant of 45% of the total estimated cost of $45,869. •

BIDS WANTED

SACRAMENTO Cal. — Until Nov. 21, 8 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, for the construction of storm sewers in W and X Sts., between 18th and 27th Sts.

November 12, 1935

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8 P. M., bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, for construction of extensions of the main sewer into the River. •

BONDS VOTED

SACRAMENTO, Cal.—A proposal to issue $90,000 in bonds for construction of storm sewers carried at the special election Nov. 5. A grant of $73,630 has been allotted by PWA.

New storm sewers will be constructed in L Street between Ninth and Eighteenth Sts.; on W and X Streets between 18th and 27th Sts., and on G S. between 9th and 18th Sts.

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer, will prepare plans and specifications. •

BONDS VOTED

JACKSON, Amador Co., Calif. — A proposal to issue $50,000 in bonds to finance construction of a sewage disposal plant and intercepting and outfall sewers carried at a special election November 5 by a vote of 507 to 45. Total cost is estimated at $76,607, and the city has applied for a PWA grant of 45%.

John S. Bates, Berkeley, has prepared preliminary plans.

BIDS WANTED

SANTA MARIA, Los Angeles Co., Cal.—Until November 20, 7:30 P. M., bids will be received by the Santa Maria City Council for furnishing all labor, material, transportation and services for the construction of a sewage disposal plant located 2 miles west of the city limits of the City of Santa Maria, in accordance with plans and specifications prepared by the city engineer, York Peterson, and H. N. Jenks, Berkeley, consulting engineer. Certified or cashier's check for 10% must accompany each bid. Flora A. Rivers, city clerk. This is a PWA project and is estimated to cost between $26,000 and $27,000. The project involves the construction of a sewage disposal plant utilizing the existing Imhoff tanks. It will be of the separate sludge digestion type. The work will involve the construction of the following:

Primary clarification system, including screen, pre-aeration equipment and sedimentation tank, reinforced concrete construction, 32x48 ft. by 10 ft. (average) length.

Remodeling of present two Imhoff tanks to serve as a sludge digestion chamber; reinforced concrete construction.

Construction of sludge drying beds; sand and gravel with underdrainage system and redwood bulkhead.

Drilling of one 8in-. well, about 130 feet in depth.

Pump to be installed in connection with above well.

BIDS OPENED

SAN FRANCISCO—Bids for making two test holes in connection with the Richmond - Sunset Sewage Disposal Plant, under Spec. No. 18,909, were opened by the Department of Public Works, City Hall, one will be at 30th Ave. and Geary St., and one at 32nd Ave., between Anza and Balboa Sts.

Bids were taken as follows:

(1) 240 lin. ft. making test hols, unclassified material, for tunnel;
(2) 120 lin. ft. do, for treatment plant

Complete bids follow:

J. B. Rogers Co, (1) $2.25 per lin. ft.; (2) $2 per lin. ft.; total $780.

Robert Garcia, (1) $2.91; (2) $2.50; total, $998.40.

A. Paulsen, (1) no bid; (2) $1.50 per lin. ft.; total $180.

Bids held under advisement. •

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Nov. 18, 8 P. M. bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, for the construction of a sanitary sewer outfall in the South Industrial Area, bounded by Tanforan Ave., the S. P. railroad tracks, Hines and Kaufman Sts. Estimated cost, $4,000.

The work involves:
(1) 955 l.f. 18-in. vitrified pipe sewer;
(2) 600 l.f. 18-in. cast iron pipe sewer;
(3) 64 l.f. 26-in. steel pipe casing (under S. P. track);
(4) 4 standard manholes;
(5) 1 manhole support;
(6) 1,880 l.f. 4x4 hand driven piles;
(7) 2,000 ft. redwood lumber (pipe support).

Plans and specifications obtainable from City Engineer George A. Kneese, 2382 Broadway, Redwood City, upon deposit of $3.00.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk Room 203, City Hall, for the construction of storm sewers in 19th and G Streets.

The work involves:
(1) 20,000 sq. ft. 5½-in. asph. concrete pavement to be removed;
(2) 13 old manholes to be removed;
(3) 50 l.f. 6-in. vit. iron sewer pipe, in place;
(4) 13 old manhole rings and covers to be reset;
(5) 25 l.f. 8-in. vit. iron sewer pipe in place;
(6) 25 l.f. 10-in. do;
(7) 25 l.f. 12-in. do;
(8) 10 c.y. crushed rock in place;
(9) 1,420 l.f. 18-in. vit. iron sewer pipe in place;
(10) 1,120 l.f. 21-in. do;
(11) 845 l.f. 24-in. do;
(12) 635 l.f. 27-in. do;
(13) 215 l.f. 30-in. do;
(14) 1,210 l.f. 42-in. concrete sewer pipe in place;
(15) 805 l.f. 45-in. do;
(16) 21 manholes, in place, without rings and covers;
(17) 8 manholes, rings and covers;
(18) 30,000 sq. ft. 5½-in. asph. concrete pave. to be constructed.

Plans and specifications obtainable at the office of the City Engineer upon deposit of $10.00.

The PWA has allotted a grant of 45% of the total estimated cost.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for the construction of storm sewers in L Street between Ninth and Eighteenth Streets.

The work involves:
(1) 160 l.f. 6-in. vitrified iron stone sewer pipe, in place;
(2) 20 l.f. 8-in. do;
(3) 2,190 l.f. 12-in. do;
(4) 1,030 l.f. 15-in. do;
(5) 800 l.f. 21-in. do;
(6) 480 l.f. 24-in. do;
(7) 800 l.f. 30-in. do;
(8) 1,200 l.f. 22-in. reinforced concrete sewer pipe;
(9) 5 manhole rings and covers, to be reset;
(10) 9 manhole do;
(11) 11 manholes without rings and covers;
(12) 3 special manholes do;
(13) 22,500 sq. ft. pavement to be removed;
(14) 22,500 sq. ft. pavement to be constructed;
(15) 16 gutter drains to be placed (cut No. 11);
(16) 16 12x6-in. wyes, in place;
(17) 10 tons crushed rock.

Plans and specifications obtainable from the office of the City Engineer upon deposit of $10.00.

The PWA has allotted an outright grant of 45% of the total estimated cost.

32

November 14, 1925

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk Room 203, City Hall, for the construction of storm sewers in W and X Streets, between 18th and 27th Sts.

The work involves:
(1) 609 l.f. 24-in. vit. iron stone sewer pipe, in place;
(2) 1,618 l.f. 21-in. do;
(3) 802 l.f. 18-in. do;
(4) 210 l.f. 15-in. do;
(5) 1,071 l.f. 12-in. do;
(6) 1,108 l.f. 10-in. do;
(7) 660 l.f. 8-in. do;
(8) 17 manhole covers, complete;
(9) 8,663 sq. ft. pavement removed & replaced.

Plans and specifications obtainable at the office of the City Engineer upon deposit of $10.00.

The PWA has allotted a grant of 45% of the total estimated cost.

33— WATER WORKS

BIDS OPENED

SAN DIEGO, Cal.—Victor Equipment Co., Los Angeles, at $6,240 submitted low bid to the Public Works Officer, 11th Naval District, San Diego, Nov. 5, for the replacement of two salt water pumps at the Naval Operating Base (Air Station). Specifications No. 8037. The work consists of the removal of two existing centrifugal pump units, certain piping and electrical equipment and the furnishing and installing of two motor-driven centrifugan pump units, each 1000 G. P. M. at 60 pounds pressure, together with priming and electrical equipment and piping connections to existing circulating system. The other bids were:

A. O. Reed & Co., San Diego, $6346.
Southern Machinery Co., San Diego, $6525.
Calland & Eden, San Diego, $5345.40.
M. H. Golden, an Diego, $7282.00.

BOND ELECTION

ATWATER, Merced Co., Cal.—A special election will be held December 2, to vote on a proposal to issue $50,000 in bonds to aid in financing improvements to the municipal water works. The City has applied for a PWA loan and grant of $71,673.

BONDS VOTED

SACRAMENTO, Cal.—A bond issue of $375,000 for water works improvements carried at a special election Nov. 5. The PWA has allotted a grant of $368,000 to aid in financing.

Project includes construction of two reinforced concrete overhead storage tanks in the residential section to cost $368,000; water mains, $125,00; reservoir for filtered water, $112,000; new pumping equipment, $28,000; filtration plant fencing, $10,000, and reconstruction of pre-treatment works, $26,000.

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer, will prepare plans and specications.

SPECIFICATIONS BEING COMPLETED

WALNUT CREEK, Contra Costa Co., Cal.—City Engineer George Oliver has announced that maps and specifications for the city's new water system will be completed within two weeks. Estimated cost, $62,000.

BIDS WANTED

DOS PALOS, Merced Co., Cal.—Until Nov. 25, 1 P. M., as previously reported, lump sum bids will be received by the Dos Palos City Council for the construction of a municipal waterworks, providing for a supply from the San Joaquin and Kings River Canal Co., and contsructing a filter and purification systems with necessary distribution system. Estimated cost, $66-000.

Additions or deductions from the lump sum bid shall be based on unit prices as follows:
(1) 4-in. cast iron pipe;
(2) 6-in. do;
(3) 8-in. do;
(4) fire hydrants, complete;
(5) 4-in. gate valves;
(6) 6-in. do;
(7) 8-in. do;
(8) 4x4x4-in. tees;
(9) 4x4x6-in. tees;
(10) 6x6x6-in. tees;
(11) 6x6x4-in. tees;
(12) 8x8x8-in. tees;
(13) 8x8x6-in. tees;
(14) 8x8x4-in. tees;
(15) 4x4x4x4-in. crosses;
(16) ¾-in. house services, each;
(17) 1-in. house services, each;
(18) 6x6x4x4-in. crosses;
(19) 6x4-in. reducers;
(20) 8x6-in. reducers;
(21) 4-in. 90-degree ells;
(22) 4-in. 45-degree ells;
(23) 4-in. 22½-degree bends;
(24) 6-in. 90-degree ells;
(25) 8-in. 90-degree ells.

The PWA has allotted a grant of $28,000 and the city voted bonds in the amount of $38,000.

Plans and specifications obtainable from the above office and from John S. Bates, 2124 Etona Ave., Berkeley, engineer, upon deposit of $10.00.

BIDS WANTED

LAGUNA BEACH, Orange Co., Cal.—Until Nov. 21, 7:30 P. M., bids will be received by the South Coast County Water District at the office of the secretary, Lillian Y. Warden, South Laguna (approx. two miles south of Laguna Beach) for the construction of cast iron pipe water mains, valves, fire hydrants, fittings and appurtenances, and resurfacing of the trench in streets, alleys and rights of way, in accordance with plans which may be obtained from the engineer, A. J. Stead, Laguna Beach. The work is being done under the 1913 County Water District Act and the 1911 Improvement Act. The proposed work will involve installations in Coast State Highway, Bluff Dr., 3rd Ave., Virginia Way and other streets, South Laguna. The cost is estimated at $18-918.83.

The project involves:
523 ft. 2-in. cast iron pipe;
8826 ft. 4-in. cast iron pipe;
2830 ft. 6-in. cast iron pipe;
3 2-in. valves;
42 4-in. valves;
11 6-in. valves;
16 4-in. fire hydrants;
5 6-in. fire hydrants;
approx. 200 ft. ¾-in. copper service pipe.

Each proposal must be accompanied by a certified check or bond in the sum of 10%.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 23, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for construction of pumping equipment at

the Filtration Plant. Estimated cost, $28,000.

The work involves:
(1) 1 vertical low lift centrifugal pump capacity 17,360 gallons per minute at 45-ft. head, with 250-hp. motor
(2) 1 horizontal high lift centrifugal pump, capacity 7,000 gallons per minute at 162-ft. head, with 350-hp. motor.

Plans and specifications obtainable from the office of the City Engineer upon deposit of $10.00.

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer.

The PWA has allotted an outright grant of 45% of the total estimated cost. • 33

CONTRACT AWARDED

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $13,921 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. S.F.W.D. 93, for laying a 36-inch feeder main on 17th St. from Bryant St. to Potrero Ave.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk, Room 203, City Hall, for construction of new water mains. Estimated cost, $125,000.

The work involves:
(1) 19,938 l.f. trench;
(2) 13,845 ft. 24-in. steel pipe;
(3) 1,353 ft. 16-in. cast iron pipe;
(4) 1,590 ft. 12-in. cast iron pipe;
(5) 3,150 ft. 12-in. cast iron pipe to be removed from Section No. 1 and installed in Sects. Nos. 4 & 5
(6) 10 24-in. gate valves;
(7) 2 16-in. gate valves;
(8) 4 12-in. gate valves;
(9) 1 8-in. gate valve;
(10) 2 6-in. gate valves;
(11) 28 6-in. nipple welded to 24-inch steel pipe;
(12) 3 8-in. do;
(13) 1 10-in. do;
(14) 1 16-in. do;
(15) 1 24-in. do;
(16) 1 24- to 20-in. reducing steel nipples welded to 20-in. steel pipe;
(17) 1 24x24x24-in. cast iron tee;
(18) 1 16x16x16-in. do;
(19) 2 12x12x12-in. do;
(20) 1 12x12x12x12-in. cast iron cross;
(21) 2 12x12x8x8-in. do;
(22) 2 24x16-in. cast iron reducers;
(23) 2 16x14-in. cast iron reducers;
(24) 3 12x10-in. cast iron reducers;
(25) 4 12x8-in. cast iron reducers;
(26) 4 12-in. 90-deg. cast iron elbows;
(27) 2 12-in. 45-deg. do;
(28) 2 flanged hand holes on 24-inch steel pipe sections.

Plans and specifications obtainable from the office of the City Engineer upon deposit of $10.00.

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer.

The PWA has allotted an outright grant of 45% of the total estimated cost. • 33

34— PARKS & PLAY-GROUNDS

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Scott Company, 243 Minna St., San Francisco, at $1,074 awarded contract by Treasury Dept. for a lawn sprinkling system at the Vallejo post office.

BIDS WANTED

SACRAMENTO, Cal.—Until Nov. 21, 8:15 P. M., as previously reported, bids will be received by the Sacramento City Council, H. G. Denton, City Clerk Room 203, City Hall, for the construction of filtration plant fencing. Estimated cost, $10,000.

The work involves:
(1) 5,295 l.f. fencing with all pertinent parts;
(2) 4 25-ft. opening swing drive gates double, and all pertinent parts;
(3) 2 4-ft. opening swing walk gates, single, and all pertinent parts;
(4) 8 4-in. gate posts;
(5) 4 2-in. gate posts;
(6) 16 2-in. corner angle or pull posts
(7) 80 c.y. concrete for footings.

Plans and specifications obtainable at the office of the City Engineer upon deposit of $10.00.

35— TUNNELS

November 14, 1925

BIDS OPENED

SAN MATEO COUNTY, Cal.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $59,995 submitted low bid to the Public Utilities Commission, City Hall, under S. F. W. D. Spec. No. 90, for the construction of the Crystal Springs Outlet Tunnel No. 2.

The work is located at Crystal Springs Dam, about 4 miles southwesterly from the City of San Mateo, and adjacent to the Skyline Blvd., and involves construction of a 9 ft. by 10 ft. horseshoe-shaped concrete lined tunnel approximately 620 ft. long extending easterly from the base of an existing outlet shaft in the Crystal Springs Reservoir to an open portal.

The work involves:
(1) 550 cu. yds. excavation, other than tunnel bore;
(2) 125 cu. yds. concrete, other than tunnel lining;
(3) 12,500 lbs. reinforcing steel;
(4) 2900 cu. yds. excavating tunnel bore;
(5) 1400 cu. yds. conc. tunnel lining;
(6) 175 each furnishing and installing grout pipes in tunnel;
(7) 500 sacks cement grouting in tunnel.

Total bids follow:
(A) MacDonald & Kahn Co., Ltd., $59-995.00.
(B) Barrett & Hilp, $71,575.00.
(C) Yondall Const. Co., $74,200.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.25	$ 3.00	$ 2.00
(2)	14.00	20.00	25.00
(3)	.05988	.06	.07
(4)	10.50	15.00	12.00
(5)	17.46	15.00	23.00
(6)	2.00	2.00	2.00
(7)	2.50	3.25	3.00

BIDS WANTED

CASPER, Wyo.—Until November 25, 10 a. m., bids will be received y the Bureau of Reclamation, Casper, Wyo., under Spec. No. 649, for the construction of Tunnels Nos. 3, 4, 5, and 6, Casper Canal, Casper-Alcova Project, Wyo.

The work is located from about 13 to 36 miles southwest of Casper, and the principal items of work involved are:
(1) 166,000 c. y. all classes of open-cut excav.;
(2) 81,500 c. y. tunnel excav.;
(3) 900 c. y. back fill;
(4) 1096 c. y. concrete in portal structures and transitions;
(5) 17,750 c. y. concrete in tunnels;
(6) 3400 c. ft. pressure grouting;
(7) 800 c. y. dry-rock paving;
(8) Furnishing and installing 390,000 lbs. steel tunnel supports;
(9) Furnishing and installing 132 MFBM timber lagging and sills for steel tunnel supports;
(10) Furnishing and installing 415,-000 lbs. steel tunnel liner plates;
(11) Constructing 11,000 l. f. 6- to 10-in. diameter tunnel drains;
(12) Placing 116,000 lbs. of reinforcement bars;
(13) Drilling 1600 l. f. of grout holes;
(14) Installing 2300 lbs. metal work.

Work shall be commenced within 30 calendar days and completed within 750 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Casper, Wyo.; Denver, Colo.; or Washing, D. C., without charge to prospective bidders; to others $1 per copy, not returnable.

BIDS WANTED

SHOSHONE PROJECT, Wyo.—Until December 2, 10 A. M., bids will be received by the Bureau of Reclamation, Cody, Wyo., under Spec. No. 656 for the construction of Tunnels Nos. 1, 2 and 3, Shoshone Canyon Conduit, Heart Mountain Division, Shoshone Project, Wyo.

The work is located near Cody and the principal items involved are:
(1) 18,200 c.y. all classes of open cut excavation;
(2) 64,220 c.y. excavation in tunnels;
(3) 2,150 c.y. backfill;
(4) 715 c.y. concrete in cut-and-cover conduit sections;
(5) 15,170 c.y. concrete in tunnels;
(6) 1,800 cu. ft. of pressure grouting;
(7) placing 139,000 lbs. reinf. bars;
(8) furnishing and installing 192,000 lbs. permanent steel tunnel supports;
(9) furnishing & erecting 121 MFBM permanent timbering in tunnels;
(10) furnishing and installing 60,000 lbs. steel tunnel liner plates;
(11) constructing 11,875 l.f. tunnel and cut-and-cover conduit drains.
(12) drilling 900 l.f. grout holes.

Work shall be commenced within 30 calendar days, and completed within 700 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Cody, Wyo.; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable.

BIDS WANTED

YAKIMA PROJECT, Wash. — Until December 2, 10 A. M., bids will be received by the Bureau of Reclamation, Yakima, Wash., under Spec. No. 652 for construction of Tunnels Nos. 1, 2, and 3, Yakima Ridge Canal, Roza Division, Yakima Project.

The work is located near Yakima, and the principal items of work involved are:
(1) 62,800 c.y. all classes of open cut excavation;
(2) 141,200 c.y. excavation in tunnels
(3) 450 c.y. backfill;
(4) 850 c.y. concrete in portal structures and transitions;
(5) 35,000 c.y. concrete in tunnels;
(6) 800 cu. ft. pressure grouting;
(7) placing 82,000 lbs. reinf. bars;
(8) furnishing and installing 180,000 lbs. permanent steel tunnel supports;
(9) furnishing and erecting 60 MFBM permanent timbering in tunnels;
(10) furnishing and installing 160,000 lbs. steel tunnel liner plates;
(11) constructing 6,445 l.f. 6- to 10-in. diameter tunnel drains;
(12) drilling 400 l.f. grout holes.

Work shall be commenced within 30 calendar days, and completed within 750 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the office of the Bureau of Reclamation at Yakima, Wash.; Denver, Colorado, or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable.

Section 435½, P. L. &
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH
Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO
PUBLIC LIBRARY

Open Bids on First State WPH Jobs

New PWA Building Contracts Advertised

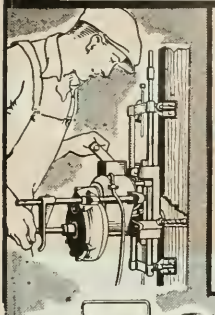
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ber 23, 1935

Vol. XVIII—No. 47

WAPPAT Electric TOOLS



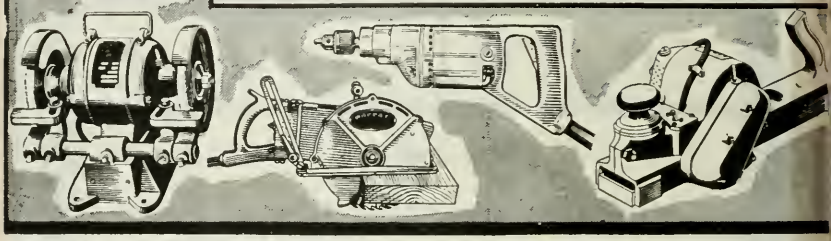
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

G.P.C. Co. Colton

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

l. XVIII SAN FRANCISCO, CAILF., NOVEMBER 23, 1935 No. 47

G.C. PLANNING ANNUAL SESSION DECEMBER 14

ortant Program Scheduled or One-Day Convention In San Francisco

ie seventeenth annual convenof the Associated General Conors, Northern California Chapwill be remembered as the Interesting ever held, accordto members of the board of diors, who have authorized Secty-Manager Floyd Booe to pack entire business meeting into a e four-hour session. Abandongradition and earlier plans for hger session, the directors anced the final plans are for only meeting, to be held Saturday ning, December 14.

e membership will convene at 3 in the French Parlor of the be Hotel, conclude the formal o am by 1:30 and adjourn to the cl gatherings that precede the ral entertainment in the Palm ot.

l announcing the convention rday, Mr. Booe said, "The al of directors are planning the ajest and most interesting conon program of many years. entire program will be carried n a four-hour session, packed t matters of such vital interest a there will not be a dull mo, no long, tiresome addresses, t hort, direct to the point, disons of live subjecs."

T contractors will be asked to pve a plan for organizing the ay industry to protest highy construction funds. They will ve reports on Federal public or agencies as they affect conng; the new tax legislation; ss current construction probin and hear from officials in ale of public contracts.

Rervations are being made for e nual banquet, preference beg iven to those received prior ecember 2.

Sipments of distillate oil burns ring the first nine months of 935 totaled 91,689, as compared tt 81,646 during the correspondg eriod last year, according to e ureau of the Census.

L. A. SCHOOL BONDS VOTED

A vote of 3 to 1 in favor of a $12,392,600 bond issues for rehabilitating Los Angeles city schools was indicated from unofficial returns reported yesterday on the city's special election Tuesday. The bonds will complete financing of a $22,532,000 building program, toward which PWA has allocated a grant of $10,139,400.

There are to be constructed 199 building units and 15 complete new school plants, replacing tents and bungalows in which temporary housing has been provided and buildings closed since the 1933 earthquake will be reinforced where practicable to permit reopening.

Using an advance grant from PWA the city school department already has commissioned architects for the building program and contracts for initial units were advertised prior to the election, the awards being made contingent upon passage of the bonds.

Voters Approve Taft Bond Issue For School Work

Voters of the Taft Union High School District, Kern county, this week approved by a margin of more than three to one a $150,000 school bond issue, providing for reconstruction and repair of the high school and junior college buildings at a total cost of about $201,000. A grant of $51,700 from the Federal Public Works Administration will finance the balance of the work. Votes cast were 1780 favoring the bonds and 488 opposing them.

Work planned includes construction of building to contain a study hall, library, offices and nine classrooms, $115,000; reconstruction of the southeast and northeast portions of the main building, $71,000; and strengthening the west portion of the main building, $24,778.

NEW CONTRACTS IN PWA LIST OUT FOR BIDS

Ten Additional Building Jobs Added to N. Calif. Schedule

Dates for opening bids on ten additional Northern California PWA projects to cost approximately $810,000 were announced yesterday.

The Mariposa County High School District will open proposals December 5 for construction of high school buildings to cost an estimated $147,000. Plans are by Architect W. H. Weeks, San Francisco.

Bids for construction of a school building to cost $105,000 will be opened December 7 by the Grass Valley High School District. Fred Reimers of San Francisco is architect.

The Kings County supervisors have set December 4 for receiving bids on county hospital buildings in Hanford to cost $95,000. Plans are by Architect Ernest J. Kump, Fresno.

Los Gatos Union High School District will open bids December 5 for construction of a classroom and music unit to cost $94,000. W. H. Weeks is architect.

Bids for construction of classrooms and an auditorium at an estimated cost of $84,500 will be opened December 6 by Gustine Union High School District. Architects W. G. Corlett and E. A. Russ prepared the plans.

Piedmont High School District will open bids December 7 for a new class room building to cost $60,000. W. H. Weeks is architect.

Other projects for which bid opening dates were announced yesterday includes: City of Alameda branch library building, $30,000, December 7, Architect Carl Werner; Placer Union High School District gymnasium, $63,000, December 6, Architect W. E. Coffman; County of Tuolumne memorial hall to be erected in Tuolumne, $32,500, December 4, Architect Frank Mayo; and Warm Springs School District, school building, $59,652, December 2 (postponed from November 25), Architect Henry Smith.

$223,869 BID FOR ERECTING S. F. SCHOOL

Anderson & Ringrose Proposal Low Among Five Offered

Anderson & Ringrose, 320 Market Street, yesterday submitted a low bid of $223,869 to the San Francisco Department of Public Works on the general contract for construction of the Sunshine-Buena Vista school at Florida and Bryant streets.

Alta Electric & Mechanical Co., 467 O'Farrell Street, was low bidder at $28,782 for mechanical equipment and plumbing; and G. H. Armstrong, 1388 Van Ness Avenue, South, at $12,772 submitted the low proposal for electrical work.

Total bids on the general contract were as follows:

Anderson & Ringrose	$223,869
James L. McLaughlin	235,051
MacDonald & Kahn Co., Ltd.	240,747
C. L. Wold Constr. Co.	242,400
P. F. Reilly	259,573

The school will be a one-story reinforced concrete building and will contain eighteen classrooms, a dining room, exercise room, vocational room, rest rooms, and an auditorium to seat 500 persons. Plans were prepared by Architects Martin J. Rist, Charles F. Strothoff, Smith O'Brien and Albert Schroepfer. H. J. Brunnier is structural engineer and A. R. McLaren is memechanical and electrical engieer for the project.

The department will open bids next Wednesday, November 27, for construction of the $179,000 Agassiz School at Bartlett and Twenty-second streets, and for an auditorium at Daniel Webster school, Twentieth street, between Missouri and Texas streets, to cost $33,275.

ENGINEER FOR ROZA PROJECT APPOINTED

Appointment of City Engineer C. E. Crownover of Yakima, Wash., as chief engineer on the Roza irrigation project has been recommended by the Reclamation Bureau and approved by the Civil Service Commission, it is reported. Mr. Crownover has been city engineer of Yakima since 1929. He served with the Reclamation Bureau on the Tieton irrigation project and the Rimrock project, and also has been in private practice.

NEW ADMINISTRATOR FOR NEVADA WPA

Frank Upman, WPA administrator for Nevada, has resigned effective December 5. Appointment of Gilbert C. Ross, who has been Upman's assistant, to succeed him was announced by Administrator Harry Hopkins. Mr. Upman will return to his private practice of engineering.

Home Building Campaign Planned In South S. F.

Construction of a model home as the first step in a comprehensive residential building program in South San Francisco will be started shortly, it is announced by Chairman D. W. Ratto of the chamber of commerce housing committee. A non-profit organization of members of the housing committee will handle erection of the model home.

Cost of the house and lot will be kept within $4,000. Sub-committees named include Mr. Ratto and E. C. Anderson, plans and specifications; H. L. Haaker and G. W. Holston, finance; L. G. Hardy, Jr. and J. W. Culeberd, incorporation, and Mr. Ratto and E. G. Peck, selection of site.

Wells Elected President of Asbestos Assn.

At their eighth annual meeting, held in San Francisco last week, members of the Pacific Coast Asbestos Association elected S. S. Wells, Oakland, president; R. H. Chase was named vice-president, A. W. Knight secretary-treasurer, and George Baccrich and S. K. Dufree directors.

Mr. Wells, who is president of the Bay Cities Asbestos Company of Oakland, has been a member of the association since its inception in 1928.

ORGANIZE CATALIN FABRICATING FIRM

Organization of Fabricated Catalin, Inc., to provide for the manufacture of catalin plastic into finished form for architectural application is announced by Catalin Corp. of America. The new firm will contract for and prepare catalin in all shapes, colors and sizes to fit individual specifications of architects and contractors for interior and exterior decoration, it is stated.

Catalin, a phenolic resin product, has been applied in theatres, apartment houses, shops and stores.

DIMMITT APPOINTED REDWOOD MANAGER

City Engineer Charles L. Dimmitt has been appointed city manager pro tem to succeed City Manager Ernest Rolison, whose resignation has been accepted. Mr. Dimmitt has been city engineer for the past eighteen years.

Mr. Rolison is resigning to become assistant to Morris L. Cooke, chief of the Rural Electrification Administration. He will leave shortly for Washington.

STATE OPENS FIRST BIDS ON WPH PROGRAI

Contractor's Figures Close T Estimates For Relief Projects

SACRAMENTO, Nov. 20—Bids the first major contracts of t emergency relief highway progra were opened today, among fo projects for which proposals we received by the State Division Highways. Active competition t the jobs and bids well within t the engineering estimates we taken as an indication of a favo ble reception for the WPH wo by contractors, despite the reli labor regulations.

Low bid on the largest of toda contracts, the WPH project grading and applying seal coat 9.2 miles in Lassen County on t Susanville-Reno route, was subm ted by Harms Brothers, Sac mento, at $127,322. The state h $140,000 programed. Five oth bids, ranging up to $163,000 we received.

Granfield-Farrar and Carlin, S Francisco, submitted the low bid $77,586 for grading and bitumino surfacing 1.8 miles on the Carm San Simeon Route between Big S and Moleras Ranch, Monte County. Six bids were received this contract also, the high fig being $95,666. This is anot WPH contract.

A. J. Raisch's bid for $70,766 v low on the contract to constr an underpass of the Southern cific tracks on the Almaden r at San Jose. Five bids were cieved.

Healy-Tibbitts Construction C pany, San Francisco, was low b der at $26,102 for placing rip-slope protection between Co land and Freeport in Sacrame County.

ERECTING 200 HOMES IN SANTA CLA

Dave Bunker, secretary of Builders' Exchange of Santa Cl County, estimates that two h dred homes are being built in Jose and vicinity. Of this num more more than half are in Willow Glen district, 55 in Jose and the others in Santa C and neighboring communities.

LEGION PROFITS ON DISPLAY HO

Napa Post, American Legion, ted about $5,200 from its ven in building and disposing o model home, according to a liminary report of the finan committee. A total of $11,800 realized from ticket sales.

The home was wone by Le Norvall, mechanic at Mare Isl Navy Yard and title has been tr ferred to him.

ERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

Owner	Contractor	Amt.
Standard	Owner	3000
Standard	Owner	3000
Standard	Owner	3000
Standard	Owner	3000
Standard	Owner	3000
Standard	Owner	3000
Jason	Martin	1500
Stelling	Johnson	8000
Carrick	Owner	8000
Potter	Aetna	12000
Henry	Owner	4000
Tosi	Delucchi	3000
Galli	Owner	4000
Galli	Owner	4000
Galli	Owner	4000
Herzig	Owner	4000
Herzig	Owner	3500
Herzig	Owner	3500
Herzig	Owner	4000
Austin	Owner	1000
Olsen	Coburn	1000
Martinelli	Birdsall	3800
Volkman	Nielsen	4000
Burke	Martin	9000
Pacific	Owner	3000
Mohler	Owner	3500
Grahn	Owner	2800
Koapas	Lambertson	1000
Fleishman	Bienfield	3000
Sharman	Owner	1000
Sharman	Owner	1000
Smith	Owner	3500
Morris	Owner	4000
Zellerbach	Lindgren	1000

VELLING
(2) W THIRTY-SECOND AVE. 75 S Kirkham St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

WELLING
(2) E TWELFTH AVE. 150 S Moraga St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

WELLING
(2) W THIRTY-SECOND AVE. 50 S Kirkham St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

WELLING
(24 W THIRTY - SECOND AVE. 75 S Kirkham St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

WELLING
(24 W FORTY-FIRST AVE 300 S udah St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

WELLING
(25 W THIRTY - SECOND AVE. 0 S Kirkham St. One-story and basement frame dwelling.
wer — Standard Building Co., 1500 udah St., San Francisco.
rchitect—Not Given. $3000

LTERATIONS
(25 NO. 1831 PACIFIC AVE Alter partments.
wner—Mrs. W. E. Jason, % Contractor.
Architect—Not Given.
Contractor—Wm. Martin, 666 Mission St., San Francisco. $1500

ALTERATIONS
(1252) NO. 2980 VALLEJO STREET. Alter dwelling.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor — J. Harold Johnson, 639 Brannan St., San Francisco. $8000

ALTERATIONS
(1253) N BLUXOME ST. 275 W 5th St. Alter freight shed.
Owner—Ellen J. Carrick, 304 Elm St., San Mateo.
Engineer—B. K. Wilby, 1516 Moraga St., San Francisco. $8000

FLATS
(1254) S PACIFIC AVE. 135 W Broderick St. Two-story frame flats.
Owner—Lyman J. Potter, 3835 Jackson St., San Francisco.
Architect—S. A. Colton, 542 Market St., San Francisco.
Contractor — Aetna Constr. Co., 238 Arleta St., San Francisco. $12,000

ALTERATIONS
(1255) 101 TAYLOR ST. Alter restaurant.
Owner—Henry's Dairy Lunch, Fourth and 16th Streets.
Architect—Not Given. $4,000

DWELLING
(1256) S BURROWS 125 W Holyoke. One-story and basement frame dwelling.
Owner—L. Tosi, care contractor.
Architect—F. W. Dakin, 625 Market.
Contractor—Richard Delucchi, 3275 San Bruno Ave. $3,000

DWELLING
(1257) E TWENTY-THIRD AVE. 327 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal Drive, San Francisco.
Architect—Not Given. $4000

DWELLING
(1258) E TWENTY-THIRD AVE. 367 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal Drive, San Francisco.
Architect—Not Given. $4000

DWELLING
(1259) E TWENTY - THIRD AVE. 407 S Ocean Ave. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal Drive, San Francisco.
Architect—Not Given. $4000

DWELLING
(1260) W GABILAN 120 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. Jaekle, % Contractor. $4000

DWELLING
(1261) E PARAISO 160 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. Jaekle, % Contractor $3500

DWELLING
1262) W GABILAN 40 N Sloat Blvd. One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. Jaekle, % Contractor. $3500

DWELLING
(1263) E PARAISO 80 N Sloat Blvd., One-story and basement frame dwelling.
Owner—A. J. Herzig, 345 Sloat Blvd., San Francisco.
Architect—D. Jaekle, % Contractor. $4000

ALTERATIONS
1264) NO. 624-632 GROVE STREET. Alter flats.
Owner — Geo. E. Austin, 111 Sutter St., San Francisco.
Architect—Not Given. $1000

REPAIRS
(1265) NO. 1520 GOUGH ST. Repair fire damage to apartments.
Owner—Mrs. Olsen, % Contractor.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $1000

DWELLING
(1266) E TWENTY-EIGHTH AVE. 195 S Lincoln Way. One-story and basement frame dwelling.
Owner—Joseph and Ida Martinelli, 725 Clayton St., San Francisco.
Architect—Vincent Buckley, % Contractor.
Contractor — Stella K. Birdsall, 646 47th Ave., San Francisco. $3800

GARAGE
(1267) W FILLMORE STREET 107 S Broadway. One-story frame garage.
Owner—Geo. F. Volkman, 2307 Broadway, San Francisco.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—N. F. Nielsen, 666 Mission St., San Francisco. $4000

NURSERY
(1268 W THIRTY-SECOND AVE. 365 S Camino Del Mar. One-story children's nursery.
Owner—Barbara Burke, 3065 Jackson St., Francisco.
Architect—Francis E. Lloyd, 360 Pine St., San Franisco.
Contractor—Wm. Martin, 666 Mission St., S. F. $9000

FACTORY
(1269) S WILLIAMS ST. 397 W Newhall St. One-story frame factory.
Owner—Pacific Can Co., Premises.
Architect—Ellison & Russel, 712 Pacific Bldg. $3000

DWELLING
(1270) E THIRTY-NINTH AVE 50 S Cabrillo St. One-story and basement frame dwelling.
Owner—Thos. E. Mohler, 751 28th Ave. San Francisco.
Architect—Not Given. $3500

DWELLING
(1271) E TOCOLOMA ST. 217 N Blanken St. Two-story frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given. $2800

ALTERATIONS
(1272) SE THIRD & FOLSOM STS. Alter for restaurant

Owner—Theodore Koapas, 301 3rd St., San Francisco.
Architect—Not Given.
Contractor—Lambertson Sales Co., 942 Mission St., S. F. $1000

ALTERATIONS
(1273) 2626 BAKER ST. Alter dwelling.
Owner—Chas. Fleishmann, premises.
Architect—Albert F. Roller, First National Bank Bldg.
Contractor—D. L. Bienfield, 666 Mission Street. $3,000

DWELLING
(1274) S MARINA BLVD. 243 E Broderick St. One- story and basement frame dwelling.
Owner and Builder—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. $10,000

DWELLING
(1275) S MARINA BLVD. 225 E Broderick St. One- story and basement frame dwelling.
Owner and Builder—Thos. R. Sharman, 3700 Broderick St.
Architect—Not Given. $10,000

DWELLING
(1276) W 30th AVE. 250 N Fulton St. One - story and basement frame dwelling.
Owner—Chas. Smith, 866 36th Ave.
Architect—C. O. Clausen, 746 46th Avenue. $3,500

DWELLING
(1277) E 15th AVE. 225 S Vicente St. One - story and basement frame dwelling.
Owner—S. Morris, 1310 Turk Street.
Architect—Not Given. $4,000

ALTERATIONS
(1278) 3580 CLAY ST. Alter dwelling.
Owner—J. D. Zellerbach, premises.
Architect—Not Given.
Contractor—Lindgren and Swinerton, Inc., 625 Standard Oil Bldg. $1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
945	Hammarberg	Hammarbarg	5250
946	Educational	Western	3640
947	Bundock	Flagg	5000
948	Ambrose	Muller	1574
949	Reynolds	Grubb	2670
950	Carsigelia	Parks	6500
951	Kellogg	Owner	2500
952	Weihe	Pfrang	1000
953	Manhester	Lindgren	1500
954	Whitelaw	Owner	1000
955	Douglas	Prentice	1200
956		Williams	1200
957	Macdonald	Owner	1000
958	Hibernia	Van Bokkelen	2900
959	White	Owner	1000
960	Jacques	Owner	1800
961	Phillips	Thrams	1425
962	Mutton	Confer	5000
963	Carlton	Carlton	4000
964	Fraser	Bernard	6080
965	Scammell	Owner	5250
966	Hufschmidt	Owner	4900
967	McPeake	Owner	4500
968	Graves	Beckett	5250
969	Corum	Strong	3000
970	Cerrato	Valente	1000
971	Muther	Owner	5000
972	Bardwell	Owner	1000
973	Higgins	Walker	3000

RESIDENCE
(945) NO. 5 PAKKSIDE MANOR, PIEDMONT. One-story 6 - room residence and garage.
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Piedmont
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Piedmont. $5250

ALTERATIONS
(946) NO. 464 NINETEENTH ST., OAKLAND. Alterations.
Owner — Educational Broadcasting Corp.
Architect—Not Given.
Contractor—Western Asbestos Co., 675 Townsend St., San Francisco. $3640

DWELLING
(947) NO. 5439 CAMDEN STREET, OAKLAND. One-story six-room dwelling.
Owner—C. L. Bundock, 1839 74th Ave. Oakland.
Architect—Not Given.
Contractor—J. S. Flagg, 4021 E-14th St., Oakland. $5000

REPAIRS
(948) NO. 2301-2305 GRAND AVE., OAKLAND. Fire repairs.
Owner—Ambrose Edwards, Inc.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland. $1574

DWELLING
(949) NO. 10814 BREED STREET, OAKLAND. One-story dwelling.
Owner—E. Keynolds, 1801 109th Ave., Oakland.
Architect—Not Given.
Contractor—Jas. B. Grubb, 1801 109th Ave., Oakland. $2670

DWELLING
(950) NO. 5871 MARGARIDO DR., OAKLAND. One-story six-room dwelling
Owner—A. Corsigelia.
Architect—E. L. Snyder, Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley. $6500

DWELLING
(951) NO. 1363 VERSAILLES AVE., ALAMEDA. One-story 4 - room frame and rustic dwelling.
Owner—Frank H. Kellogg, 725 Central Ave., Alameda.
Architect—Not Given. $2500

ALTERATIONS
(953) 634 15th ST., OAKLAND. Alterations.
Owner—Manchester Hotel Co. 110 Sutter St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor—Lindgren and Swinerton, 1723 Webster St., Oakland. $1500

DWELLING
(952) W LA SALLE AVE. 200 S Estates Drive, OAKLAND. Two-story 9-room dwelling.
Owner—Tyson Weihe.
Architect—Wm. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland. $10,000

ADDITION
(954) 480 23rd ST., OAKLAND. Brick addition.
Owner and Contractor—Thos. Whitelaw, 478 23rd St., Oakland.
Architect—Not Given. $1,000

ALTERATIONS
(955) 215 14th ST., OAKLAND. Alterations.
Owner—S. R. Douglas, 1721 Webster St., Oakland.
Architect—Not Given.
Contractor—G. D. Prentice, Jr., 3238 Prentiss St., Oakland. $1200

ALTERATIONS
(956) 1406 HENRY ST., BERKELEY. Alterations.
Owner—Not Given.
Architect—Not Given.
Contractor—G. Williams, 806 Jackson St., Albany. $1200

ALTERATIONS
(957) NO. 3909 LAKESHORE AV. OAKLAND. Alterations and repairs.
Owner — Eliza Y. Macdonald, Portsmouth Road, Piedmont.
Architect—Not Given. $10

ALTERATIONS
(958) NO. 600 GRAND AVE., OAKLAND. Alterations.
Owner—Hibernia Savings & Loan Society, Jones and McAllister S San Francisco.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, Hobart St., Oakland. $2

ADDITION
(959) NO. 298 E-TWELFTH S OAKLAND. Addition.
Owner—Wbite Tavern Operating C 1131 Grove St., Oakland.
Architect—Not Given. $1
ALTERATIONS
(960) NO. 1029 HUBERT RO OAKLAND. Alterations and additions.
Owner—W. R. Jacques, Premises
Architect—Not Given. $1

GARAGE
(961) NO. 637 SANTA RAY AV OAKLAND. One - story fra garage.
Owner—John Phillips.
Architect—Not Given.
Contractor—C. H. Thrams, 28 Ho Place., Oakland. $1

DWELLING
(962) NO. 139 FOREST LANE, BE KELEY. One-story 6-room fr dwelling.
Owner—S. F. Dutton, 2108 Eunice Berkeley.
Architect—F. L. Confer, 25 Wist
Contractor—F. W. Confer, 1328 A Ave., Piedmont. St., Berkeley. $5

APARTMENTS
(963) NO. 1733 VINE STREET, BE KELEY. Two-story 16-rm apartment house (4 aptts.)
Owner—Lora K. Carlton, Premise
Architect—Not Given.
Contractor—Fred Carlton, 1733 V St., Berkeley. $

DWELLING
(964) 816 ALMA AVE., OAKLA Two-story three-room dwellin
Owner—Miss A. G. Fraser, 822 A Ave., Oakland.
Architect—W. R. Yelland, 829 entry Road, Berkeley.
Contractor—W. V. Bernard, 227 Carlos Ave., El Cerrito. $

DWELLING
(965) 3707 ELSTON Avenue, O LAND. One-story 6-room dwelling.
Owner and Builder—J. W. Scamm 424 Scenic Ave., Piedmont.
Architect—Not Given.

DWELLING
(966) 280 ORANGE ST., OAKLA One-story 6-room dwelling.
Owner and Contractor—Hufschmi Whalen, 3217 17th St., Oaklan
Architect—Not Given.

DWELLING
(967) 2815 SANTA CLARA AVEN ALAMEDA. Two-story six-r frame and stucco dwelling.
Owner and Builder — E. J. McP 4715 Weldon Ave., Oakland.
Architect—Not Given.

DWELLING
(968) 140 CAMBRIDGE WAY, P MONT. Two-story 6-room dence and garage.
Owner—P. H. Graves and Geo. nold, 214 Monte Vista, Piedm

Architect—Ray Keefer, 770 Wealey Way, Piedmont.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $5260

DWELLING
(969) 3939 LA CRESTA Ave., **OAKLAND.** One-story 5-rm. dwelling.
Owner—K. H. Corum, 2367 Wilbur St. Oakland.
Architect—Not Given.
Contractor—L. Strong, 429 Haight Ave., Alameda. $3,000

ALTERATIONS
(970) 995 44th ST., **OAKLAND.** Alteration and addition.
Owner—E. Cerrato.
Architect—Not Given.
Contractor—M. E. Valente 5118 Clarke St., Oakland. $1,000

DWELLING
(971) 641 BOULEVARD WAY, **OAKLAND.** One-story 6-room dwelling.
Owner & Builder—H. W. Muther, 5519 Thomas St., Oakland.
Architect—Not Given. $5,000

DWELLING & GARAGE
(972) 5910 ACACIA AVENUE, **OAKLAND.** Two-story 8-room dwelling and 1-story garage.
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland.
Architect—Not Given. $10,500

DWELLING
(973) 1406 QUEENS RD., **BERKELEY.** Two-story five-room frame dwelling.
Owner—Jas. Higgins, 1709 Grove St., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley. $3,000

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
151	Fellschman	Bienfield	40774
152	Burke	Martin	9072

ALTERATIONS
(151) 2626 BAKER ST. Miscellaneous alterations to 2-story frame dwelling at above address.
Owner—Chas. Fleischman, 731 Brussels Street.
Architect—Albert F. Roller, Crocker First National Bank Bldg.
Contractor—D. L. Bienfield, 666 Mission Street.
Filed Nov. 16, '35. Dated, Nov , '35
Rough framing completed.... .....25%
TOTAL COST, $4,074.50
Limit, Dec. 20, 1935. Plans and Spec. filed.
Plaster completed and roof on....25%
Completion 25%
Usual 35 days. 25%

NURSERY
(152) 195 THIRTY-SECOND AVE. All work for nursery school.
Owner—Barbara Burke, 3065 Jackson St., San Francisco.
Architect—Francis E. Lloyd, 360 Pine San Francisco.
Contractor—Wm. Martin, 666 Mission St., San Francisco.
Filed Nov. 19, '35. Dated Nov. 16, '35.
On 5th of each month..... 75%
Completion sufficient sum to bring total payments to. 75%
Usual 35 days ..... Balance
TOTAL COST, $9072
Bond, none. Limit, Feb. 1, 1936. Forfeit, none. Plans and specifications filed.

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
84	Hibernia	Van Bokkelen	3303

ALTERATIONS
(84) 586 to 604 GRAND AVE., Oakland. Alterations and additions.
Owner—Hibernia Savings & Loan Society, Jones and McAllister Sts., San Francisco.
Architect—Not Given.
Contractor—W. K. Van Bokkelen, 354 Hobart St., Oakland.
Filed Nov. 19, '35. Dated, Nov. 8, '35.
Upon completion 75%
Usual 35 days.....25%
TOTAL COST. $2,303.91
Bond, $1651.97. Suretics, Glens Falls Indemnity Co. Limit, 21 days. Plans and specifications filed.

ALAMEDA COUNTY UNDER $1000

RE-ROOFING, $155; 1062-4 24th St., Oakland; owner W. H. Harris 3200 High St., Oakland; contractor, W. H. Craig, 3306 Harrison St., Oakland.
ALTER and repair, $500; 708 27th St., Oakland; owner and contractor, J. Prat, 714 27th St., Oakland.
RE-ROOFING, $150; 708½ 27th Street, Oakland; owner and contractor, J. Prat, 714 27th St., Oakland.
PATENT chimney, $25; 4901 Tidewater St., Oakland; owner, Monarch Box & Lumber Co., 4901 Tidewater St., Oakland; contractor, Ace High Stove Shop, 1231 High St., Oakland.
ADDITION, $250; 2848 Minna Avenue, Oakland; owner, G. E. Badgley, premises; contractor, K. A. Johanson, 2832 76th Ave., Oakland.
RE-ROOFING, $249; 1108 18th Street, Oakland; owner, F. J. Cleiss, 1227 Holman Road, Oakland; contractor, W. H. Sankey, 828 31st St., Oakland.
ADDITION, $200; 2720 Parker Ave., Oakland; owner and contractor, F. R. Leal, 2720 Parker Avenue, Oakland.
ADDITION, 1-story, $125; 475 44th St., Oakland; owner and contractor, B. Marlow.
SHED, 1-story, $200; 2500 Peralta St., Oakland; owner and contractor, Transit Concrete, Ltd., 2500 Peralta St., Oakland.
ALTERATION, $225; 1122 E 17th St., Oakland; owner, E. Hoberg; contractor, J. C. James, 8214 E 14th St., Oakland.
ALTERATION, $350; 1322 Broadway, Oakland; owner Capitol Co., 12th and Broadway, Oakland; contractor, W. F. Lynn, 1037 Ashmount Ave., Oakland.
ALTERATION, $100; 540 30th Street, Oakland; owner and contractor, P. Brackett, 540 30th St., Oakland.
SIGN, electric, $80; 5925 College Ave., Oakland; owner, W. H. Williams; contractor, Bryant Neon Sign Co., 278 2nd St., Richmond.
SIGN, electric, $80; 2103 San Pablo Ave., Oakland; owner, Madeline Beauty Shop; contractor, Bryant Neon Sign Co., 278 23rd St., Richmond.
SIGN, electric, $150; 3351 Broadway, Oakland; owner, Better Used Car Co.; contractor, Bryant Neon Sign Co., 278 23rd St., Richmond.
SIGN, electric, $129; 2953 San Pablo Ave., Oakland; owner, Valley of the Moon Liquor Co.; contractor, Bryant Neon Sign Co., 278 23rd St., Richmond.
ALTERATIONS, $176; 601 University Ave., Berkeley; owner and contractor, Tilden Lumber Co., foot of University Ave., Berkeley.
ALTERATIONS, $372; foot of University Ave., Berkeley; owner & contractor, Tilden Lbr. Co., premises.
ALTERATIONS, $60; 40 Hillcrest Rd., Berkeley; owner, P. L. Bildenback, premises; contractor, G. P. Jensen & Sons, 320 Market Street San Francisco.
ALTERATIONS, $945; foot of University Ave., Berkeley; owner and contractor, Tilden Lbr. Co., foot of University Ave., Oakland.
ALTERATIONS, $300; 1139 Oxford, Berkeley; owner, Kennedy, premises; contractor, Allied Building Crafts, 1450 Harrison St., Oakland.
ALTERATIONS, $900; 9 Craig Ave., Piedmont; owner, Wm. Daugherty, 2814 Derby St., Piedmont; contractor, H .K. Schulz.
ROOFING, $200 9 Mesa Ave., Piedmont; owner, Elizabeth Apps; contractor, The Holland Co.
ROOFING, $250; 139 Hagar Ave. Piedmont; owner, A. Cook, 139 Hagar Ave.; contractor, Holland Roofing Company.
ADDITION and alterations to dwelling, $175; 1130 Park Ave., Alameda; owner, G. C. Engleman, 1130 Park Ave.
ALTER dwelling, $129; 970 Park St., Alameda; owner, Miss K. Hansen, Prem.; contractor, Thos. Arada, 861 Oak St.
RE-ROOF, $145; 1519 Mozart Street, Alameda; owner, F. A. Stahmer, 1519 Morzart St.
REPAIR dwelling, $200; 828 Oak St., Alameda; owner, W. C. Foester, 828 Oak St.
REPAIRS, $40; 603 Broadway, Oakland; owner, Olga Kjelsberg, 5881 Picardy Dr., Oakland; contractor, Joe Devellers, 1424 12th Ave., Oakland.
ADDITION, $195; 519 Farlmount Ave., Oakland; owner and contractor, Anna Weber.
RE-ROOF, $215; 961 38th St., Oakland; owner, G. C. Shelby, Grand Rapids, Mich.; contractor, Crown Roof Co., 1911 E 12th St., Oakland.
ALTERATIONS, $200; 345-47 12th St.
BILLBOARD, $7; N Geary St. 32 E Second Ave.; owner, Foster and Kleiser Co., 1675 Eddy St.
FLUES, $90; S Palou 250 W Phelps St.; owner, H. and A. Hinds, % Contractor; contractor, W. A. Buriani, 2555 San Bruno Ave.
ALTER flats, $650; SW Shrader and Grattan Sts.; owner, A. Cesentini 647 Irving St.; contractor, Stella K. Birdsall, 646 47th Ave.
ALTER apartments, $50; SE Sutter and Jones Sts.; owner, Hibernia Bank, Jones and McAllister Sts.; contractor, Patterson & Koster Iron Works, Inc., 280 13th St.
SIGN, electric, $40; 615 Van Ness Ave owner, Cal. Penn Oil Co., % Contractor; contractor, Pioneer Elec. Co., 270 Van Ness Ave. South.
SIGN, electric, $100; 15 Kearny Street owner, N. Y. Hat Stores, Premises contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
ALTER dwelling, $50; 583 Moultrie St.; owner, Alex Eisenzopf, 3905 Folsom St.
Oakland; owner, The Capital Co., 12th and Broadway, Oakland; contractor, W. J. Wheeler, 4001 Elston Ave., Oakland.
OFFICE, 1-story, $50; 3351 Broadway, Oakland; owner and contractor, A. J. Hughes, 3351 Broadway, Oakland.
ADDITION, $37; 321 41st St., Oakland; owner and contractor, P. O. Connell, premises.
ALTERATIONS, $420; 432 50th Street, Oakland; owner, Mr. Firpo, premises; contractor, J. L. Rich, 556 37th St., Oakland.
SIGN, electric, $800; 1518 Franklin St., Oakland; owner, Franklin Theater; contractor, QRS Neon Sign Co., 690 Potrero Ave., S. F.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Offices

1— APARTMENTS

Contract Awarded.
ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 45 Whitney Street.
Alterations to apartments.
Owner—Wm. Farrenkoff, Premises.
Architect—Not Given.
Contractor—J. Truffelli, 1165 Clay St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. No. 1831 Pacific Avenue.
Alterations to apartments.
Owner—W. E. Jason.
Architect—Not Given.
Contractor—William Martin, 666 Mission St., San Francisco.

Contract Awarded.
REPAIRS Cost, $1500
SAN FRANCISCO. No. 1520 Gough Street.
Repair fire damage to apartments.
Owner—Mrs. Olsen.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $6000
BERKELEY, Alameda Co., Cal. No 1733 Vine Street.
Two-story frame and stucco apartments (4 4-room apts.)
Owner—Lora K. Carlton, Premises
Architect—Not Given.
Contractor—Ted Carlton, 1733 Vine St., San Francisco.

Sub-Contracts Awarded
APARTMENTS Cost, $350,000
SAN FRANCISCO. NE Broadway & Buchanan Street.
Ten-story Class A steel frame apartment building (50 3- 4- and 5-rm. apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garage, etc.
Owner—Lucille A. Meyer.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Meyer Const. Co., 735 Portola Drive.
Wrecking—Symon Bros. Wrecking Co. 1435 Market Street.
Concrete—Golden Gate Atlas Materials Co., 2625 16th Street.

3— CHURCHES

Bids Wanted—To Close Dec. 11th, 3 P. M
CHAPEL, ETC. Cost, $115,171
FORT STEILACOOM, Wash. Western State Hospital.
Chapel and recreation hall.
Owner—State of Washington.
Architect—Heath, Cove and Bell, and Mock & Morrison, Puget Sound Bank Bldg., Tacoma.
Plans and specifications may be obtained from the architects.

CONTRACT AWARDED
SAN GABRIEL, Calif.—J. M. Lynn, 1507 West Adams Blvd., Los Angeles, awarded contract for erection of a new 2-story frame and stucco edifice (140 ft. x 100 ft.) at Las Tunas Dr. and Pine St., San Gabriel, for the San Gabriel Union Church; Rev. Roy L. Laurin, pastor, 138 N. Rosemont, San Gabriel. Cost, $30,000. Clinton Nourse, 1406 Bond St., Los Angeles, Architect.

CONTRACT AWARDED
HOLLYWOOD, Los Angeles Co., Cal.—Wm. Simpson Construction Co., 1007 Architects' Bldg., awarded contract for construction of a two-story and basement church and Sunday school building (180 ft. x 180 ft.) at the southeast corner of Selma and Las Palmas Aves. for the First Baptist Church of Hollywood. (Pipe organ, etc.) Douglas McLellan and Allen McGill, 805 Architects' Bldg., Architects.

4— FACTORIES & WAREHOUSES

Preparing Preliminary Plans.
STORAGE BLDG. Cost, $8,000
SANTA ROSA, Sonoma Co., Calif.
One-story reinforced concrete storage building.
Owner—Grace Bros., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Sub-Contract Awarded
ADDITION Cost, $25,000
SAN FRANCISCO. 25th Street and Potrero Avenue.
One - story addition to factory (200x 100 ft.) steel frame, concrete walls steel sash, etc.
Owner—Western Stopper Co., Inc.
Engineers—Ellison and Russell, Pacific Building.
Contractor—Barrett & Hilp, 918 Harrison Street.
Structural and Reinforcing Steel—Pacific Coast Steel Co., 20th and Illinois Streets.

PERMIT APPLIED FOR
LOS ANGELES, Calif.—Paramount Productions, Inc., owner, 5451 Marathon St., applied for building permit to erect a two-story steel and galvanized iron building (100 ft. x 415 ft.), at 5451 Marathon St. Niles Werner, engineer. Cost, $80,000.

Sub-Contracts Awarded
STOREROOM Cost, $8,000
SAN FRANCISCO, Cal., W. Treat, 150 ft. N. 20th St.
One-story steel storeroom.
Owner—Regal Amber Brewing Co., 675 Treat Ave.
Architect—Plans by Michel & Pfeffer Iron Works, Inc., 1415 Harrison Street.
Contractor—C. L. Wold Construction Co., 4412 Fulton Street.
Sheet Metal and Steel Sash—Michel & Pfeffer Iron Works, Harrison and 10th Streets.
Structural Steel—Michel & Pfeffer Iron Works, Harrison and 10th Streets.

To Be Done By Day's Work.
ALTERATIONS Cost, $900
SAN FRANCISCO. N Bluxome St. 27 W Fifth Street.
Alterations to freight shed.
Owner—Ellen J. Carrick, 304 Elm St San Mateo.
Engineer—B. R. Wilby, 1816 Morag St., San Francisco.

Plans Being Figured.
ADDITION Cost, $30,000
OAKLAND, Alameda Co., Cal. No 1148 E-15th Street.
Two-story Class C brick addition to manufacturing plant (170x45 ft).
Owner—Mother's Cake & Cookie Co. Premises.
Architect—W. E. Milwain, 1503 Oakland Ave., Oakland.
Bids are being taken from a selected list of contractors.

PLANS BEING FIGURED
LOS ANGELES, Calif.—Paramount Productions, 5451 Marathon St., are taking bids from a selected list of contractors for a 2-story steel and concrete storage building (100 ft. x 415 ft.), to be built at 5451 Marathon St Sprinkler System, etc. Cost, $75,000

Contract Awarded.
WAREHOUSE Cost, $800
STOCKTON, San Joaquin Co., Calif No. 131 N. Edison Street.
One-story warehouse.
Owner — Taylor Milling Co., Stockton
Architect—Not Given.
Contractor—Western Industrial Engineering Co., 2223 E-37th St., Vernon

Contract Awarded
BOTTLING PLANT Cost, $8,000
MODESTO, Stanislaus Co., Cal. 11th and Needham Streets.
One- and two-story tile and concrete bottling plant (40x120 feet) composition and tile roofing, concrete floors, steel sash, etc.
Owner—Coca Cola Company.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Contractor—F. J. Wirtner, 322 Myrtle St., Turlock.

5— FLATS

To Be Done By Day's Work.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 624-32 Grove Street.
Alterations to frame flats.
Owner—George E. Austin, 111 Sutter St., San Francisco.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $—
REDWOOD CITY, San Mateo County.
One-story reinforced concrete service station.
Owner—Shell Oil Co., Shell Building, San Francisco.
Plans by Engr. Dept. of Owner (L. Raymond White in charge), Shell Bldg., San Francisco.
Contractor—Empire Const. Co., Russ Bldg., San Francisco.

Plans Being Figured.
SERVICE STATION Cost, $5,000
SAN FRANCISCO. SW Columbus Avenue and Bay Street.
One-story steel service station.
Owner — General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.

BIDS OPENED

MILLBRAE, San Mateo Co., Cal.—Hanson Bros., 5840 Mission St., San Francisco, at $1,926 submitted low bid to Public Utilities Commission, Room 287, City Hall, San Francisco, for the construction of the Millbrae garage addition under Spec. W. D. 97. Addition will be a wood frame building approximately 24x95 ft., with concrete foundations, footings and floor slabs and galvanized corru. iron sheathing on three sides and roof.

Work involves:
(1) 35 c.y. excavation and backfill;
(2) 40 c.y. concrete;
(3) constructing garage above foundations, lump sum.
(4) total.

Complete bids follow:

Hanson Bros., S. F.	(1)	$ 1.00
	(2)	10.00
	(3)	1,351.00
	(4)	1,926.00
R. S. Silverberg, S. F.	(1)	$ 2.00
	(2)	15.00
	(3)	1,519.00
	(4)	2,189.00
Wm. Spivock, S. F.	(1)	$ 5.00
	(2)	20.00
	(3)	1,700.00
	(4)	2,675.00

Bids held under advisement.

7— FEDERAL BUILDINGS

NO BIDS RECEIVED

NOGALES, Arizona—No bids were received by Procurement Division, Public Works Branch, Washington, D. C., for insect screens in the U. S. Immigration Station at Nogales, Ariz.

BIDS OPENED

NOGALES, Arizona—Public Building Contractors, New York, at $497 submitted only bid to Public Works Branch, Procurement Division, Washington, D. C., for pipe rail, gate and window grilles at the U. S. Immigration Station, Nogales, Ariz. *

BIDS WANTED

SAN FRANCISCO. — Until Nov. 29, 2:30 P. M., bids will be received by Wm. H. Radcliffe, Supervising Superintendent of Construction, Palo Alto, for repairing cracks in terrazzo floors in lobbies of Administration Building No. 1, Main Bldg. No. 2, and Recreation Bldg. No. 6, at the Veterans Administration Facility, Fort Miley, San Francisco.

Plans and specifications may be obtained from above office.

BID OPENING DATE POSTPONED

SAN DIEGO, Cal.—Until December 6 (date postponed from Nov. 28) bids will be received by Coast Guard Headquarters, Washington, D. C., for the construction of a coast guard air station at North Island, San Diego. Estimated cost, $280,000. *

BUILDING MATERIALS APPROVED

TORRANCE, Los Angeles Co., Cal.—Treasury Department approved the following building material awards for the construction of the U. S. Post Office at Torrance. Harold Hansen, Los Angeles, general contractor.

Pendant switches to Pass & Seymour; glassware to Gill Glass and Fixture Co., and Moe Bridges Corp. & lighting fixtures to Perfeclite Co.

November 20, 1935

BUILDING MATERIALS APPROVED

TURLOCK, Stanislaus Co., Cal.—Treasury Department approved the following building material awards for the construction of the U. S. Post Office at Turlock. K. E. Parker Co., 35 South Park, San Francisco, general contractors.

Plumbing fixtures, Crane Co.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; pressure reducing valve on water supply, Mueller Steam Specialty Co.; sump pump, Chicago Pump Co.; boiler, Am. Radiator Co.; tube radiators, U. S. Radiator Corp.; angle radiator valves, Marsh Valve Co.; air valves for radiators and air valves for ends of steam mains; American Radiator Co.; oil burner, W. S. Ray Co.; lighting distribution panel, Meyers Safety Switch Co.; main switch panel, Trumbull Elec. Mfg. Co.; rubber-covered wire, National Elec. Prods. Corp.; receptacles and flush switches, Harvey Hubbell; glassware, Inland Glass Works and Gill Glass & Fixture Co.; pendant switches, Pass & Seymour; lighting fixtures, Mutual Metal Mfg. Co.

BIDS OPENED

SAN FRANCISCO.—Nick Hemminga, 627 38th Ave., at $1,775 submitted low bid to Custodian, U. S. Post Office, San Francisco, for new roofing over old portion of the post office, 7th and Mission Streets.

Complete bids follow:

Nick Hemminga	$1,775
Alta Roofing Co.	1,977
J. W. Bender Roofing & Paving	1,985
Malott & Peterson	2,185

Bids referred to Washington for award. *

9— HOSPITALS

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO. 2770 Lombard St.
Alterations to home.
Owner—Protestant Episcopal Old Ladies' Home, premises.
Architect—F. Eugene Barton, Crocker Building.
Contractor—Jacks & Irvine, 620 Market Street.

NO BIDS RECEIVED

SAN FRANCISCO. — No bids were received by the Custodian, U. S. Marine Hospital, San Francisco, for metal strips at doors of the Marine Hospital, 14th Avenue and Lake Street.

New bids will be asked within a few days. *

Plans Being Figured—Bids Close Nov. 30th, 11 A. M.

HOSPITAL Cost, $90,000
ATWATER, Merced Co., Calif.
One-story frame and stucco hospital (55 beds).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.

Plans and specifications may be obtained from the architect and from the engineer upon deposit of $25.00.

PWA grant approved. *

November 19, 1935

New Bids Wanted—To Close Dec. 7.

INFIRMARY Cost, $120,000
EUGENE, Oregon.
Three - story reinforced concrete infirmary (46x120 feet) brick exterior, cast stone trim, composition roofing, concrete slab floors, chute conveyors, steam heating system, 1 freight and 1 passenger elevator, fire doors, metal furniture, ornamental iron, electric range, refrigeration, skylights, etc.
Owner—University of Oregon.
Architect—Lawrence, Holford and Allyn, Failing Bldg., Portland.

On previous bid opening lowest bid was submitted by Ross B. Hammond, Portland, at $153,267.
(6226) 1st report March 1; 3rd, Nov. 18, 1935. * 19

Plans Being Figured—Bids Close Nov. 25th.

SANITARIUM Cost, $500,000
HONOLULU, T. H.
Four-story reinforced concrete sanitarium.
Owner—Kuln Sanitarium.
Architect—C. W. Dickie, Honolulu.
Project approved by the PWA.

10— HOTELS

Contract Awarded

ALTERATIONS Cost, $2,000
OAKLAND, Alameda Co., Calif. 634 15th Street.
Alterations to hotel
Owner—Manchester Hotel Co. 110 Sutter St., San Francisco.
Architect—D. D. Stone, 110 Sutter St., San Francisco.
Contractor—Lindgren and Swinerton, 1723 Webster St., Oakland.

11—ICE & COLD STORAGE PLANTS

PREPARING PRELIMINARY PLANS

NORTHERN CALIFORNIA—Grant & Bruner, 607 Ferguson Bldg., have been retained to prepare preliminary engineering and architectural plans and studies for a cold storage plant to be built in Northern California for a client. Cost, $250,000. 11

12— POWER PLANTS

Plans Being Figured—Bids Close Dec. 3rd, 5 P. M.

SUBSTATION Cost, $195,000
ALAMEDA, Alameda Co., Cal. Eagle and Grand Avenue.
Two-story reinforced concrete substation and one-story reinforced concrete fire alarm building (composition roofing).
Owner—City of Alameda.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Mechanical Engineer—Hunter & Hudson, 41 Sutter St., San Francisco.

Bids will be received up to 5 P. M. and opened at 8 P. M. on December 3.

Plans and specifications may be obtained from the Department of Public Utilities, 2440 Santa Clara Avenue, Alameda, upon deposit of $50.00. Bids are being taken as follows:
(1) Buildings, only;
(2) Equipment;
(3) Wiring.

LOW BIDDERS

COLORADO RIVER AQUEDUCT.—Winston Bros., 920 Title Guarantee Bldg., Los Angeles, and Wm. C. Crowell, 495 S. Broadway, Pasadena, bidding jointly, at $1,731,782.25 submitted low bid to the Metropolitan Water District, 306 W. Third St., Los Angeles, for constructing the intake and Gene pumping plant buildings and appurtenant works of the Colorado River Aqueduct. The buildings are to be of reinforced concrete and steel construction and the switch and bus structures of galvanized structural steel erected on concrete foundations.

L. E. Dixon Co., Bent Brothers and Johnson, Inc., 609 S. Grand Ave., Los Angeles, at $1,946,714.25 submitted the second low bid.

Third low bid was submitted by C. W. Wood and M. J. Bevanda, Elks Bldg., Stockton, at $2,021,309.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

New Bids Wanted—To Close Dec. 3rd, 8 P. M.

HALL & FIRE DEPT. Cost, $50,000
MILL VALLEY, Marin Co., Calif.

Two-story Class C concrete brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architect—D. E. Jaekle and Walter Falch, 126 Post St., San Francisco.
Plans and specifications may be obtained from the clerk upon deposit of $25.00.
On previous bid opening lowest bid was submitted by V. Maggiora, Sausalito, at $54,990.

Bid Opening Date Postponed Until November 30, 9 P. M.
CITY HALL Cost, $27,000
EL CERRITO, Contra Costa Co., Cal.
Two-story frame and stucco city hall.
Owner—City of El Cerrito.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Plans and specifications may be obtained from the architects upon deposit of $20.00.
Bond election will be held Nov. 23.

Plans Being Figured—Bids Close Dec. 2, 8:00 P. M.
ADDITION Cost, $27,000
WOODLAND, Yolo Co., Calif.
Completion of City Hall (frame and stucco construction).
Owner—City of Woodland.
Architect — Harry J. Devine, Cronan Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.
31, 1935. 13

BIDS OPENED
SAN FRANCISCO. — Bailey Meter Co., Sharon Bldg., at $1,277.20 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1476, for furnishing one 24-inch Venturi meter tube.
The other bids were:
Simplex Valve & Meter Co. & Waterworks Supply Co., $1,452.30.
Builders Iron Foundry, $1,591.35.

Bid Opening Date Postponed Until Nov. 29, 9 P. M.
CITY HALL Cost, $27,000
EL CERRITO, Contra Costa Co., Cal.
Two-story frame and stucco city hall.
Owner—City of El Cerrito.
Architect — Dragon & Schmidts, 2068 Allston Way, Berkeley.
Plans and specifications may be obtained from the architects upon deposit of $20.00.

Bids Opened
ADDITIONAL WORK Cost, $——
OAKLAND, Alameda Co., Cal. Fallon, Oak and 13th Streets.
Construct additional granite at base of courthouse and additional steel sash in court room.
Owner—County of Alameda.
Architects—W. G. Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland.
Parker & Wagner, 181 South Park, San Francisco, at $64,680 submitted only bid and recommendation has been made to the PWA that contract be awarded to them.

Plans Being Figured—Bids Close Dec. 4th, 2 P. M.
MEMORIAL BLDG. Cost, $25,000
TUOLUMNE, Tuolumne Co., Calif.
One - story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE
PALO ALTO, Santa Clara Co., Calif.
616 Amherst Street.
One-story rustic residence.
Owner and Builder—Olaf P. Jenkins, 630 Amherst St., Palo Alto
Architect—Not Given

Plans Being Figured.
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One - story and basement frame residence (6 rooms, 1 bath) shake or shingle roof, vertical boarding, hardwood floors, tile bath, wood sash, two-car garage, etc. (California Ranch type).
Owner—Withheld.
Architect—Victor Galbraith, 211 East Acacia St., Stockton.
Bids will probably be opened Nov. 26th.

Bids Rejected.
RESIDENCE Cost, $7000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) tile and composition roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Plans will probably be revised.
Lowest bid was submitted by Moore & Roberts, 693 Mission St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $11,000
SAN MATEO, San Mateo Co., Calif.
San Mateo Park.
Two-story and basement frame and stucco residence (9 rooms and 3 baths) shake roof, gas heating system, oak floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.
Lengfeld and Olund, 220 Third Ave., San Mateo, and Henry Pappenhausen, 595 Victoria St., San Francisco, are the only contractors figuring the plans

Sub-Contracts Awarded
RESIDENCE Cost, $10,000
SAN MATEO, Calif., Easton Ave.
Two-story and basement frame and stucco residence.
Owner—Florence G. Best, 37 Turnsworth St., Redwood City.
Architect—Not given.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.
Roofing—W. L. Davis, San Mateo.
Plumbing—Peter Klitsch.
Heating—Sequoia Sheet Metal Co., San Mateo.
Tile Work—C. Bloomquist, San Mateo.
Lumber—Gray Thorning Lumber Co., San Mateo.
Wood Sash—Sudden Lumber Co.
Hardware—Redwood City Hardware Co., Redwood City. 4

BIDS OPENED
GRAND COULEE, Washington — Ace Weather Stripping Company, 411 Sprague, Spokane, at $2,970 (item 1) and $1,539 (item 2) submitted low bid to Bureau of Reclamation, Coulee Dam, Wash., under Spec. No. 738-D, for furnishing and installing weather stripping for sixty residences at the Government Camp at the Grand Coulee Dam, Columbia Basin Project. The camp is located about 22 miles northwest of Almira, Wash.
Complete bids follow:
(1) interlocking type; (2) Spring-bronze type.
Ace Weather Stripping Co., Sprague, Spokane .....(1) $2,970
(2) 1,539
MacDonald Building Co., Tacoma .....(1) 3,875
(2) 2,280
Tri-State Weather Stripping Company, Yakima .....(1) 2,189
(2) 1,651
Ideal Weather Stripping Co., Boulder, Colo. .....(1) 2,427
(2) 1,716
McGoldrick Lumber Co., Spokane .....(2) 2,100
Accurate Metal Weather Stripping Co., Seattle .....(2) 1,548
Gotham Metal Weather Stripping Co., New York .....(1) 3,900
(2) 3,400
Chamberlin Metal Weather Strip, Seattle .....(1) 2,900
(2) 2,900
(2) 2,000
Bids held under advisement, 1

Contract Awarded
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal. W La Salle Ave. S Estates Drive.
Two-story frame and stucco residence (9 rooms) shake roof, gas heating system, hardwood floors, tile baths
Owner—Tyson Weihe.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland.

To Be Done by Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. W 41st Ave. S Judah Street.
One-story and basement frame and stucco residence.
Owner and Builder — Standard Bldg. Co., 1500 Judah St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6,736
BAYWOOD PARK, San Mateo Co., Calif.
Two one-story frame and rustic residences.
Owner—A. C. Schade.
Architect — Mario Corbett, Benjamin Franklin Hotel, San Mateo.
Contractor—H. T. Holsher, 325 Elm St., San Mateo.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. E 23rd Avenue S Ocean Avenue.
Three one-story and basement frame and stucco residences.
Owner and Builder—R. F. Galli, 377 West Portal Ave., San Francisco.
Plans by Owner.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. S Burrows St. 125 W Holyoke Street.
One-story and basement frame and stucco residence.
Owner—L. Tosi.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor — Richard Delucchi, 2375 San Bruno Ave., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $10,000
ROSS, Marin Co., Calif.
Two-story frame and stucco residence (California-Colonial style).
Owner—Fred Leo.
Architect—Farr & Ward, 68 Post St., San Francisco.

Sub-Bids Being Taken.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Pinelake Park (Sloat Blvd.)
Three one-story and basement frame and stucco residences (five rooms each) and three 1-story and basement frame and stucco residences (6 rooms each) tile and composi-

tion roofs, tile shingle roofs, gas heating system, hardwood floors, wood sash, etc.
vner and Builder—A. J. Herzig, 126 Post Street.

b-Contracts Awarded.
SIDENCE Cost, $6000
N MATEO, San Mateo Co., Calif.
No. 100 Avila Avenue.
e-story frame and stucco residence
ner—W. L. Barker, 1312 Capuchino St., San Mateo.
chitect—Not Given.
ntractor—Lengfeld & Olund, 220 E. Third St., San Mateo.
thing and Plastering—S. Erikson, San Mateo.
mber — Wisnom Lumber Co., San Mateo.
od Sash — Pacific Mfg. Co., San Francisco.
ting—A. Petterson, San Mateo.

tract Awarded.
SIDENCE Cost, $5061
RLINGAME TERRACE, San Mateo Co., Calif.
e and one-half-story frame and stucco residence.
ner—William M. Haley, 748 Crossway Road, Burlingame.
chitect—W. C. F. Gillam, 1404 Palm Drive, Burlingame.
ntractor — Ruben A. White, 744 Crossway Road, Burlingame.

s-Contracts Awarded.
SIDENCE Cost, $10,500
LS ALTOS, Santa Clara Co., Calif.
o-story and basement Monterey Colonial residence (8 rooms and 3 tile baths) heavy shingle roof, linoleum and oak floors, gas hot air heating, air conditioning, wood sash, brick, wood and plaster exterior.
ner—Mr. Sloss.
chitect—D. E. Jaekle, 126 Post St., San Francisco.
ntractor — R. S. Silverberg, 405 Montgomery St., San Francisco.
mber—J. H. McCallum Lumber Co., Bryant and Oak Grove Sts., San Francisco.
mbing—Scott Co., 243 Minna St., San Francisco.
ting—B. B. Stern Co., San Mateo.
M Work—National Mill & Lumber Co., 230 California St., S. F.
stering—H. Campbell, 110 Ashton Ave., San Francisco.
as—W. P. Fuller & Co., 301 Mission St., San Francisco.
ement Hardware—Watertite Hardware Co.
s previously reported reinforcing steel contract awarded to W. S. Wenhall Co., 17th and Wisconsin St. San Francisco.

tract Awarded.
SIDENCE Cost, $6000
OKLAND, Alameda Co., Cal. No. 5439 Camden Street.
One-story and basement frame and stucco residence (6 rooms)
ner—C. L. Bundock, 1839 74th Ave. Oakland.
chitect—Not Given.
ntractor—J. S. Flagg, 4021 E-14th St., Oakland.

tract Awarded
SIDENCE Cost, $5,000
BERKELEY, Alameda Co., Cal. Cragmont District.
One-story frame and stucco residence (five rooms).
ner—Mr. Dutton.
chitect—F. L. Confer, 2812 Russell Street, Berkeley.
ntractor—F. W. Confer, 1328 Arch Street, Berkeley.

tract Awarded
ER RESIDENCE Cost, $2,600
HILLSBOROUGH, San Mateo Co., Cal.
Alterations to residence.
Owner—Mrs. Walker.
Architect—Ed. Musson Sharpe, 525 Market St., San Francisco.
Contractor — Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

Contract Awarded
ALTERATIONS Cost, $——
SAN FRANCISCO. 2980 Vallejo St.
Alterations to residence.
Owner—Martin Stelling, 155 Montgomery Street.
Architect—Erle B. Bertz, 681 Market.
Contractor—J. H. Johnson, 639 Brannan Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5500 each
OAKLAND, Alameda Co., Calif. 3992-3996 Lyman Road.
Two two-story frame and stucco residences (6 rooms each).
Owner—Kathryn Kent, 3027 Capp St., Oakland.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $7000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (7 rooms and 2 baths) tile and composition roof, wood sash, gas heating system, hardwood floors, tile baths, etc.
Owner—Mr. Evans.
Architect—Chester Treichel, 696 Cleveland St., Oakland.
Low Bidder—Moore and Roberts, 693 Mission Street.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Seville Way.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Calif. Lot 13, Willborough St.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Williams Co., 135 Primrose Road, Burlingame.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5500
BURLINGAME, San Mateo Co., Calif.
One-story frame and stucco residence.
Owner—Gertrude Arnstein, 1064 Creek Drive, Menlo Park.
Architect—Not Given.
Contractor—J. F. Brown, 732 Lytton Ave., Palo Alto.

Contract Awarded
RESIDENCE Cost, $14,000
SAN FRANCISCO. S Pacific Ave. 135 W Broderick St.
Three-story duplex residence (7 rooms and 2 baths each) stucco exterior, tile and composition roof, hardwood floors, gas fired steam heat.
Owner—Lyman J. Potter, 3835 Jackson Street.
Architect—S. A. Colton, 544 Market St.
Contractor—Aetna Const. Co., 238 Arleta Avenue.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. W Thirty-second Ave. 200 S Vicente St.
One-story and basement frame and stucco residence.
Owner—G. Creon, 2633 22nd Ave., San Francsco.
Plans by B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.
Contractor—E. W. Perkins, 510 Stockton St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. Bannock St. and Seneca Avenue.
Three one-story and basement frame and stucco residences.
Owner—Martin L. Cuthbert, 940 Geneva Ave., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., San Francisco.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
TIBURON, Marin Co., Calif.
One-story brick residence (4 rooms) rigid asbestos shingle roof, electric heat, pine floors, etc.
Owner—A. E. Zimmerman.
Architect—Earl Bertz, 681 Market St., San Francisco.
Announcement will be made in about one week.

Contract Awarded.
RESIDENCE Cost, $10,000
OAK KNOLL MANOR, San Mateo Co.
Two-story frame and stucco residence
Owner—Fred Danford.
Architect—Not Given.
Contractor—E. G. Steinegger, 371 Alameda de las Pulgas, Redwood City.

Contract Awarded.
RESIDENCE Cost, $7000
BURLINGAME HILLS, San Mateo Co., Cal. Hillside Blvd.
Two-story frame and stucco residence
Owner—Chas. Menard, 1419 California Drive, San Mateo.
Architect—Not Given.
Contractor—G. W. Williams, 315 Primrose Road, Burlingame.

Contract Awarded.
RESIDENCE Cost, $6000
PIEDMONT, Alameda Co., Cal. No. 5 Parkside Manor.
One-story and basement frame and stucco residence (6 rooms).
Owner — Paul H. Hammarberg, 2530 Hilgard Ave., Piedmont.
Architect—Not Given.
Contractor—Albert Hammarberg, 2530 Hilgard Ave., Piedmont.

15— SCHOOLS

Plans Being Figured—Bids Close Dec. 3rd, 8 P. M.
IMPROVE SCHOOL Cost, $——
CROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Plans and specifications may be obtained from the engineers, Dewell and Earl, 55 New Montgomery Street, upon deposit of $25.00.

BONDS VOTED
LEMOORE, Kings Co., Calif.—Lemoore Elementary School Dist. voted bonds in the amount of $48,000 Nov. 14 to finance construction of a new classroom building in Lemoore.
Application filed with the PWA for a grant of $39,000.

Plans Being Figured—Bids Close Dec. 2nd, 8 P. M.
SHOP & GARAGE Cost, $35,000
SEBASTOPOL, Sonoma Co., Cal. Sebastopol High School grounds.

One - story reinforced concrete shop and garage building.
Owner—Analy Union High School District (B. Best, Clerk).
Architect—Louis S. Stone and Henry C. Smith, 785 Market Street, San Francisco.
Plans and specifications may be obtained from the architects upon de- 15
(8421)

Bid Opening Date Postponed Until Dec. 2, 10 A. M.

SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Calif.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner—Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Date was previously set for Nov. 25, 10 A. M.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans Being Figured—Bids Close Nov. 29th, 7:30 P. M.

LIBRARY Cost, $56,982
SUNNYVALE, Santa Clara Co., Cal.
One-story reinforced concrete library and swimming pool (tile roof).
Owner—Fremont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.00.
(7450) 1st report July 13, 1935. 15

November 19, 1935

Plans Awaiting PWA Approval

SCHOOL Cost, $37,795
LOS BANOS, Merced Co., Calif.
One - story reinforced concrete elementary school.
Owner—Los Banos Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Cal.—Until December 2, 12 Noon (bids to be opened at 5 P. M. on that day) bids will be received by Santa Maria Union High School District for construction of a junior college building, consisting of a first unit and a science wing, in Santa Maria, a PWA project. Plans and specifications may be obtained from Architect E. Keith Lockard, 117 E. De la Guerra Street, Santa Barbara, upon deposit of $10.00. Certified or cashier's check or bond for 5% must accompany each bid. Cost $50,000.

BONDS VOTED

HANFORD, Kings Co., Calif.—Hanford Elementary School District voted bonds in the amount of $24,000 Nov. 12 to finance construction of a one-story reinf. conc. Class B elementary school in Hanford. Total cost estimated at $43,047. Preliminary plans completed by Architect W. D. Coates, Rowell Bldg., Fresno.

Plans Being Prepared.

ALTERATIONS Cost, $——
MILL VALLEY, Marin Co., Calif.
Alterations to Old Mill School.
Owner—Mill Valley School District.
Architect—Walter Falch, Hearst Bldg. San Francisco.

BONDS VOTED

CAMBRIA, San Luis Obispo Co., Calif.—Cambria School District voted bonds in the amount of $30,000 Nov. 12 to finance construction of a new school in Cambria.
Preliminary plans were prepared by Louis N. Crawford, Santa Maria.

BONDS VOTED

CAYUCOS, San Luis Obispo Co., Cal.—Cayucos School District voted bonds in the amount of $18,000 November 12 to finance construction of a new school in Cayucos.
Preliminary plans were prepared by Louis N. Crawford, Santa Maria.

BONDS VOTED

MORRO, San Luis Obispo Co., Cal.—Morro Union School District voted bonds in the amount of $34,000 Nov. 12 to finance construction of a new school in Morro.
Preliminary plans were prepared by Louis N. Crawford, Santa Maria.

Plans Being Figured—Bids Close Dec. 5th, 1 P. M.

HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Calif.
One - story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner—Pierce Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

To Be Done By Day's Work.

RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Thirty-second Ave. N Vicente St.
Three one-story and basement frame and stucco residences.
Owner and Builder — Bernbardt & Cowen, 924 Taraval St., S. F.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.

Bids Wanted — To Close December 7, 2:00 P. M.

SCHOOL BLDG. Cost, $90,000
MONMOUTH, Oregon (State Normal School).
Three-story administration and classroom building (brick construction)
Owner—State of Oregon.
Architect—J. B. Bennes, Lewis Bldg., Portland, Oregon.
Plans and specifications may be obtained from the architect upon deposit of $20

Plans Being Figured—Bids Close Dec. 6, 7:00 P. M.

ADDITION Cost, $75,000
ELK GROVE, Sacramento Co., Calif.
Brick, concrete and steel addition to high school (science building and boiler room).
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.

Bid Opening Date Postponed Until Nov. 30, 10 A. M.

LIBRARY Cost, $38,000
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BONDS DEFEATED

KING CITY, Monterey Co., Cal.—King City Grammar School District defeated bond issue in the amount of $33,000. Proceeds were to have financ construction of structural chang and improvements to the gramm school in King City. Total cost es mated at $60,000.
Preliminary plans prepared by A chitect Charles Butner, 51 Maple S Salinas and Structural Engineer, W. Kellberg, 320 Market St., S Francisco.

BONDS VOTED

FAIR OAKS, Sacramento Co., C —Orangevale School District vo bonds in the amount of $9,000 N 15 to finance construction of a o story frame school in Fair Oaks.
Preliminary plans completed by A chitect Chas. Dean, California St Life Bldg., Sacramento.
Bond money will be used to l materials and application has b filed with the WPA for labor.

Plans Awaiting PWA Approval

GYMNASIUM Cost, $140,
SAN FRANCISCO. Willard and Fr erick Streets.
One-story steel frame, brick and t ra cotta gymnasium (Polytech high School) concrete side w and floors, etc. (locker rooms first floor, gymnasium on seco sunrooms, offices, etc.
Owner—City and County of San Fr cisco.
Architect—Chas. Sawyer, City Arc tect, City Hall.
Structural Engineer—H. C. Venza 251 Kearny Street.

Plans Being Figured.

NORMAL SCHOOL Cost, $230,
ELLENSBURG, Washington.
Normal School (auditorium to s 1000; classrooms, shop, etc.)
Owner—State of Washington.
Architect—John W. Maloney, Lar Bldg., Yakima, Washington.
Plans and specifications may be tained from the architect upon posit of $25.

CONTRACT AWARDED

SEBASTOPOL, Sonoma Co., Calif.—American Seating Co., 521 Mission San Francisco, at $2,986.32 awar contract by Analy Union High Sch District for furnishing and instal laboratory furniture and equipment the high school building now un construction in Sebastopol.
American Seating Co., S. F. $2,98
General Seating Co., S. F. 3,05
E. H. Sheldon Co., S. F. 3,16
Complete bids follow:

16—BANKS, STORES AN OFFICES

Contract Awarded

REPAIRS Cost, $5
OAKLAND, Alameda Co., Calif. Arlington Street.
Repair fire damage to building.
Owner—S. F. Johnson, 940 Arling St., Oakland.
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 M ket St., San Francisco.

Preparing Working Drawings

MARKET Cost, $20
MODESTO, Stanislaus Co., Calif and 12th Streets.
One-story market bldg. (200x140-ft
Owner—Carl W. Shannan, Modest
Architect — Russell Guerne deLa 5905 Keith St., Berkeley.

Sub-Contracts Awarded.

SHED & OFFICES Cost, $25
SAN FRANCISCO, S Brannan 137 E Sixth Street.
One-story frame shed and offices.
Owner — L. P. Rossier, 206 Sans St., San Francisco.

rchitect—W. D. Peugh, 333 Montgomery St., San Francisco.
ontractor—Cahill Bros., 206 Sansome St., San Francisco.
umber — J. H. McCallum Lumber Co., Bryant and Oak Grove Sts.
oncrete—Golden Gate Atlas Building Materials Co., 16th and Harrison Streets.
einforcing Steel—Gunn Carle & Co., 20 Potrero Ave.
oofing—Alta Roofing Co., 976 Indiana Street

---

ontract Awarded.
LTERATIONS Cost, $8000
AN FRANCISCO. No. 247 Powell Street.
lterations to restaurant.
wner—Nard & Curtiss, Premises.
rchitect — Albert E. Williams, 251 Post St., San Francisco.
ontractor—Unit Built Fixture Co., 2665 Jones St., San Francisco.

---

ontract Awarded.
ALTERATIONS Cost, $25,000
HNFORD, King Co., Cal. E 7th St.
lterations and additions to building (new service station, offices, automobile show room, etc.)
wner—Cousins Tractor Co.
rchitect—Not Given.
ontractor—Carl Nelson, 216 W. Florida St., Hanford.

---

ontract Awarded
ALTERATIONS Cost, $6,500
AN FRANCISCO. 84 West Portal Avenue.
lterations to store building.
wner—Pacific States Savings & Loan Company.
rchitect—Albert Roller, Crocker 1st National Bank Bldg., San Francisco.
ontractor—Jacks & Irvine, 620 Market Street.

---

ontract Awarded.
ALTERATIONS Cost, $2,000
AN FRANCISCO. Pinelake Park (Sloat Blvd.)
ne-story frame, stucco and brick veneer tract office (20x30 ft.) shingle tile roof, wood sash, wood floors.
wner and Builder—A. J. Herzig, 2300 Ocean Avenue.
rchitect—D. E. Jackle, 126 Post St.

---

ontract Awarded.
ALTERATIONS Cont. Price, $12,323
AN JOSE, Santa Clara Co., Calif. SE First and Williams Streets.
lterations to store building.
wner — Robinson & Sons Co., San Jose.
rchitect—Binder & Curtis, 35 W. San Carlos St., San Jose.
ontractor—Henry Bridges, 1398 Lincoln St., San Jose.
lectric — T. Russell, Montgomery Hotel, San Jose, $1898.
lating—A. J. Peters, 455 Washington St., San Jose. $290

T Be Done By Day's Work.
ALTERATIONS Cost, $4000
AN FRANCISCO. No. 101 Taylor Street.
lterations to restaurant.
wner—Henry Dairy Lunch, 4th and 16th Sts., San Francisco.
rchitect—Not Given.

1— THEATRES

Sub-Contracts Awarded.
THEATRE Cost, $583,000
ALO ALTO, Santa Clara Co., Calif. Campus of Stanford University, Lasuen, Galvez, Pine and Serra Streets.
ass A memorial theatre (theatre to seat 650, theatre school to accommodate 300) outdoor court, projection room equipment, acoustical treatment, etc.
wner—Stanford University.

Architect—John Bakewell and Arthur Brown Jr., 251 Kearny St., San Francisco.
Structural Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Mechanical Engineers — Hunter & Hudson, 41 Sutter St., S. F.
Mgr. of Constr.—George Wagner, 181 South Park, San Francisco.
Lumber—Merner Lumber Co., Palo Alto.
Rock—Rhodes & Robinson, Palo Alto.
Plumbing, Heating and Ventilating—James H. Pinkerton, 927 Howard St., San Francisco.
Electric—Roy M. Butcher, 1020 Sherwood Ave., San Jose.
As previously reported, grading awarded to O. V. Freeman, 105 Churchill Ave., Palo Alto.

Correction.
ALTERATIONS Cost, $——
SAN FRANCISCO. 3350 Mission St.
Alterations to theater (Lyceum Theater).
Owner—Sol Lesser, 3350 Mission St.
Architect—S. Chas. Lee, 2404 W. 7th St., Los Angeles.
Contractor—Lindgren and Swinerton, 225 Bush Street.
Plastering—A. Knowles, 928 Bryant Street.
Glass—W. P. Fuller & Co., 301 Mission Street.
Terrazzo—California Terrazzo & Marble Co., 2055 San Bruno Avenue.
Iron and Structural Steel—F. Kern & Son, 517 Sixth Street.
Roofing—J. W. Bender Roofing and Paving Co., 17th and Bryant Sts.
Plumbing—Higgins & Krause, 741 Tehama Street.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.

Plans Being Completed
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild threatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Measinger, McHenry St., Modesto.
Architect — Russell Guerne deLappe, 5905 Keith St., Berkeley
Bids will be asked in about 1 week.

19—MISC. CONSTRUCTION

Contract Awarded
NURSERY Cont. Price, $9,072
SAN FRANCISCO. 32nd Avenue near California Street.
One - story frame and stucco nursery (32x65 ft.) 2 rooms, kitchen, laboratory, gas floor furnace, etc.
Owner—Miss Burke's School Playfield, 229 32nd Avenue.
Architect—Francis J. Lloyd, 360 Pine.
Contractor—William Martin, 666 Mission Street.

Low Bidder
NURSERY Cost, $——
SAN FRANCISCO. 32nd Avenue near California Street.
One - story frame and stucco nursery (32x65 ft.) two rooms, kitchen, laboratory, gas floor furnace, etc.
Owner—Miss Burke's School Playfield, 229 32nd Avenue.
Architect—Francis J. Lloyd, 360 Pine.
Low Bidder—William Martin, 666 Mission Street.

BIDS OPENED
SAN FRANCISCO — E. J. Treacy, 309 Call Bldg., San Francisco, at $17,151.60 submitted low bid to the Public Utilities Commission, City Hall, for constructing a storage yard for railway materials on block bounded by Mariposa, Bryant, 17th and York Sts.
Lump sum bids were received for the work, which involves:
(1) 8,500 c.y. grading (yard only);
(2) 4,000 sq. ft. removing asph. pave.
(3) 800 l.f constructing fence;
(4) 250 c.y. furnishing and delivering crushed rock ballast;
(5) 50 c.y. breaking and distributing concrete sub-ballast;
(6) 2 installing girder rail turnouts;
(7) 1 installing tee rail turnout;
(8) 1 installing single track over double track crossing;
(9) 220 ft. single track, constructing girder rail plain track;
(10) 520 ft. single track, constructing tee rail plain track;
(11) 9 installing iron trolley poles;
(12) 1000 ft. single track, installing overhend trolley wire (including special work);
(13) 40 furnishing and installing type ET 4/0 copper joint bonds;
(14) 20 furnishing and installing type EC 300,000 circular mil joint bonds;
(15) 6 furnishing and installing 6 ft. 4/0 copper cross bonds;
(16) 4500 sq. ft. asphaltic pavement on concrete base;
(17) 10,000 sq. ft. do on macadam base
(18) 3910 sq. ft. concrete platform for rail bending plant;
(19) moving bending plant equipment from Municipal pipe yard and setting it up on the new foundations ready for operation;
(20) constructing bending plant bldg.;
(21) constructing storage shed;
(22) installing catchbasin and sewer pipe.

Complete bids follow:

E. J. Treacy	$17,151.60
M. J. Lynch	17,659.00
Eaton & Smith	18,900.00
MacDonald & Kahn Co., Ltd.	27,292.00
Chas. L. Harney	27,593.00

BIDS WANTED
SALINAS, Monterey Co., Cal.—Until November 18, 7:30 P. M., bids will be received by F. E. Heple, City Clerk, Salinas, for the removal of all buildings situated upon Lots 6, 7 and 8 Block 20 and Lot F Block 23, as per Sherwood and Hellman's Map of City of Salinas.
Plans and specifications may be obtained from above office.
All bids must be accompanied by certified check in the sum of $300.

BIDS OPENED
ALAMEDA COUNTY, Cal. — M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $4155 submitted the only bid received by the Public Utilities Commission, City Hall, under Spec. No. W.D. 95, for the construction of the Calaveras Chlorinating Plant and extension to the Irvington Chlarinator building.
Calaveras Chlorinating Plant is located about 19 miles southeasterly of the town of Sunol and the Irvington Chlorinator Bldg. is located about 1½ miles north of the town of Mission San Jose, all in Alameda County.
The work at the Calaveras Chlorinating Plans includes a chlorinator building of wood frame construction with cement plaster and stucco finish, tile roof, and a trolley hoist supported by a structural steel frame; electrical work consisting of the construction of a power transmission pole line, using principally materials furnished by the city, and service wiring for lighting and heating the chlorinator building; constructing redwood trough and installing the chlorine solution hose; installing 2-in. pipe furnished by the city; concrete foundations for building; all necessary excavations, etc.
The extension to the Irvington Chlorinator Bldg. will include removal of an existing wall and construction of extension to existing wood frame building with cement plaster and stucco finish and tile roof; certain electrical work; furnishing and

installing new doors; all necessary excavation, etc.

The work involves:

(1) 100 cu. yds. excavation, all classes
(2) 10 cu. yds. concrete;
(3) lump sum, constructing Calaveras Chlorinator Bldg., above concrete foundations;
(4) lump sum, extension to Irvington Portal Chlorinator Bldg.;
(5) lump sum, electrical work;
(6) 100 lin. ft. constructing redwood trough and installing chlorine solution hose;
(7) 500 lin. ft. installing 2-in. pipe furnished by the city.

Unuit bids follow:

(1)	$ 1.00
(2)	25.00
(3)	1900.00
(4)	1100.00
(5)	600.00
(6)	.80
(7)	.25

Construction To Start Shortly

FIELD HOUSE Cost, $80,000

SAN FRANCISCO. Chenery and Elk Sts., Glen Park Recreation Center. One-story frame & stucco field house. Owner—City and County of San Francisco.

Architect—W. G. Merchant, Russ Bldg.

Engineer—H. J. Brunnier Sharon Building.

funds.

Project is being financed by WPA

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

BOULDER CITY, Nev.—Associated Piping & Engineering Co., Ltd., Los Angeles, at $17,361 awarded contract by the Bureau of Reclamation, Denver, under Spec. No. 729-D, for furnishing pipe, fittings and valves; utility cars and miscellaneous metal work for the tunnel plug outlet works of the Boulder Dam.

BIDS OPENED

SAN FRANCISCO.—Following bids received by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1467, for furnishing:

PROPOSAL A

Lot 1, 24,400 ft. 12-in. cast iron pipe, cement lined;
Lot 2, 9,000 l.f. 16-in. do.

PROPOSAL B

Combinations of Lots 1 and 2 of Proposal A (including tax).

Complete bids follow:

U. S. Pipe & Foundry Co., 681 Market St.: Proposal A: (1) $1.75; (2) $2.82; Proposal B: (1) $1.74; (2) $2.81; total, $69,778.39.

American Cast Iron Pipe Co. 55 New Montgomery St.: Proposal A: (1) $1.83 (2) $2.93; Proposal B, no bid.

Utilities Supply Co., 2033 87th Ave., Oakland: Proposal A: (1) $1.80; (2) $2.96; Proposal B: (1) $1.80; (2) $2.96; total, $72,676.80.

Central Foundry Co., 100 Potrero Ave.: Proposal A: (1) $2; (2) $3.19; Proposal B: (1) $2; (2) $3.19; total, $79,835.30.

BIDS OPENED

SAN FRANCISCO.—Sloss & Brittain, 1400 Howard St., at $0.304 each submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1479, for furnishing padlocks for the School Department.

Complete bids follow:

Sloss & Brittain	$0.304
Dunham, Carrigan & Hayden	0.33
Baker-Hamilton-Pacific Co.	0.337
W. R. Knight	0.344
Marshall Newell Supply Co.	0.36
W. W. Kirk	0.38
A. J. Glesner Co.	0.48

Bids held under advisement.

MACHINERY AND MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agenc

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

MACHINE, motor-driven balancing; Mare Island. Sch. 6462; Nov. 15.
DRILL, motor-driven upright; Mare Island. Sch. 6446; Nov. 26.
DRILL, motor-driven sensitive; and spares; Mare Island. Sch. 6445; Nov. 26.
CLIPPERS, compound-lever type bolts Mare Island and Puget Sound. Sch. 6441; Nov. 26.
CABLE, 1500 ft. flame-proof; Mare Island. Sch. 6444; Nov. 29.
RANGES, 2 oil burning; and spares; Mare Island; 2 do, Puget Sound. Sch. 6453; Nov. 29.
LATHE, motor-driven precision, and attachments; Mare Island. Schedule 6449; Nov. 26.
LATHES, two motor-driven engine; Mare Island. Sch. 6448; Nov. 26.
LATHE, motor-driven engine; Mare Island. Sch. 6447; Nov. 26.
LATHES, 2 motor-driven woodworking; Mare Island. Sch. 6463; Nov. 26.
PACKING, 1,700 lbs. cotton wick; Mare Island. Sch. 6470; Dec. 3.
OVEN, 1 electric core, 12 kw.; Mare Island. Sch. 6494; Dec. 3.
HOISTS and brakes, electric; control appliances, and spares; Mare Island. Sch. 6478; Dec. 3.
MALLETS, 512 carpenters', 156 coppersmiths', 117 nawsing and 204 tinners'; Mare Island and Puget Sound. Sch. 6509; Dec. 3.
OUTFITS, two vacuum impregnating outfits for drying, impregnating, and baking; San Diego and Mare Island. Sch. 6495; Dec. 3.

Information obtainable from above office and from Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Nov. 27, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Spec. No. 160, for furnishing 30,000 l.f. of cast iron pipe in 8-10- 12- and 16-in. diameters.

Specifications obtainable from above office.

OAKLAND, Cal.—Until Nov. 27, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under informal proposal No. 698, for furnishing 5 2½ c.y. dump bodies.

Specifications obtainable from above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until November 25, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID Nofl 2944; 700 crossarms for Redding, and 50 transposition brackets for Susanville ff f.o.b. bidder's shipping point and/or destinations shown.

BID No. 2993; 513 pcs. corrugated galvanized steel sheets; 12 pcs. rid roll; and 1 keg roofing nails; d livery f.o.b. hidder's shippi point and/or Quincy.

Specifications obtainable from t above office.

RECLAMATION BUREAU

BOULDER CITY, Nevada — Ur December 9, 2 p.m., blds will be r ceived by the Bureau of Reclamatic Denver, Colorado, under Spec. N 750-D, for furnishing and deliveri f.o.b. cars at the shipping point ar or Boulder City, fabricated pipe a fittings, for installation in the Boulc Power Plant, Boulder Canyon Pr ect. The materials will be install by the Government.

Specifications obtainable from t above office without charge to pre pective bona fide bidders; to otbe $2 not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO—Until Novemi 25, 3 P. M., bids will be received T. A. Brooks, Purchaser of Suppli Room 270 City Hall, under Bid No. 1484, for furishing approximat 20,000 cu. yds. quarry waste, macadi material, for Work Relief Projec

Specifications obtainable from above office.

SAN FRANCISCO.—Until Dec. 6 P. M., bids will be received by T. Brooks, Purchaser of Supplies, Ro 270, City Hall, under Bid No. 1482, furnishing bronze and galvanized ions and lead pipe.

Specifications obtainable from abo office.

CALIFORNIA STATE

SACRAMENTO, Cal.—Until Nove ber 26, 3 P. M., bids will be recei by R. H. Stalnaker, Equipment gineer, Division of Highways, 1 34th St., Sacramento, for the sale the following equipment:

CHC 156 Motor Grader, Austin-Cormick - Deering, 10-20 tract dual drive, dual pneumatic ti
CHC 104 Snow Plow, Western Snow Plow for motor grader,
CHC 105 Snow Plow, Western Snow Plow for motor grader.
CHC 107 Snow Plow, Wico Spe "V" Snow Plow for motor gra
CHC 3535 Truck-Chevrolet Car stake body 1930.
CHC 173 Asphalt kettle, 165-gal. w preheater and engine.
One 2-3 cu. ft. Upright air-coo Curtis compressor.

The above listed equipment may inspected at the Division of Highw yards at 1805 34th St., Sacramer on any working day between hours of 8:00 A. M. and 4:30 P. M

MARIN AND SONOMA COUNTI Col.—Until November 25, 2 P. bids will be received by the Divis of Highways, Jno. H. Skeggs, Dist Engineer, Room 211, State Bldg., Francisco, for rental of one po shovel, not less than ½ cu. yd. pacity, not over six years old and good mechanical condition, for proximately 800 hours, to be used Marin and Sonoma Counties.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS WANTED

MONTEREY COUNTY, Cal.—Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad at Soledad, consisting of two reinforced concrete abutments with steel superstructure; and grading and paving the roadway with Portland cement concrete pavement and road-mix surfacing.

The work involves:

(1) 270 M. gals. water;
(2) 28,000 c.y. rdwy. excav., unclass.
(3) 430,000 sta. yds. overhaul;
(4) 4,800 c.y. struc. excav.;
(5) 210 c.y. concrete pave. to be removed;
(6) 8,550 sq. yds. subgrade for pave.;
(7) 41 sta. finishing rdwy.;
(8) 400 tons mineral aggregate (road mix surf.);
(9) 1,650 tons crusher run base;
(10) 8 tons liquid asphalt SC-2 prime coat for surf.;
(11) 20 tons liquid asphalt ROMC-3 for surface;
(12) 8 tons do (surface seal);
(13) 20 tons liqid asphalt SC-2 (penetration);
(14) 22 tons Grade E asphalt (membrane seal);
(15) 20 tons stone screenings (seal);
(16) 1,750 c.y. Class A Portland cem. concrete (pave.);
(17) 1,100 c.y. do (struc.);
(18) 9 c.y. Class F do (railing);
(19) 86,000 lbs. bar reinf. steel;
(20) 3,460 each pavement dowels;
(21) 668,000 lbs. fabricated struc. steel
(22) 18 each cast steel frames and covers;
(23) 7,100 l.f. furnish treated Douglas fir piles, including test piles;
(24) 580 c.y. Class A Portland cem. concrete (slope paving);
(25) 68 l.f. 8-in. CMP;
(26) 380 l.f. 10-in. CMP;
(27) 370 l.f. 12-in. CMP;
(28) 38 l.f. 15-in. CMP;
(29) 872 l.f. 18-in. CMP;
(30) 3,900 l.f. 24-in. CMP;
(31) 2,300 l.f. 8-in. perf. metal pipe underdrains;
(32) 310 c.y. rock filling material;
(33) 540 l.f. 10-in. vit. clay pipe;
(34) 240 c.y. Class A Portland cement concrete (sidewalk);
(35) 2 each culvert markers;
(36) 20 each timber guide posts;
(37) 0.75 mile new property fence;
(38) 4 each drive gates;
(39) 1 only manhole with cover;
(40) 1 lot pumping equipment;
(41) 1 lot electrical equipment;
(42) 9 each monuments;
(43) 1 lot misc. items of work.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

KERN COUNTY, Calif.—Until Dec. 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of a grade separation under the tracks of the Southern Pacific Company, consisting of two reinforced concrete abutments and a steel girder structure for carrying the tracks of the railroad, together with incidental structures; the construction of a reinforced concrete bridge across Poso Creek; grading and paving of approximately 2.2 miles of State Highway, and construction of incidental structures at Famosa.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 3,000 M. gals. water;
(3) 83,000 c.y. rdwy. excav.;
(4) 2,700 c.y. struc. excav.;
(5) 750 c.y. ditch excav.;
(6) 2,240,000 sta. yds. overhaul;
(7) 146 sta. finishing rdwy.;
(8) 1,400 tons of mineral aggregate (road-mix surf.);
(9) 1,250 tons crusher run base;
(10) 22,500 sq. yds. preparing, mixing and shaping road bed (road-mix surface treatment);
(11) 365 tons SC-4 liquid asphalt;
(10) 27,500 sq. yds. subgrade for pave.;
(13) 1,100 sq. yds. asph. paint binder;
(14) 15,525 tons asphalt concrete;
(15) 2,300 c.y. Class A Portland cem. concrete (struc.);
(16) 830 c.y. Class A Portland cement concrete (curbs and gutters);
(17) 1,120 c.y. Class A Portland cem. concrete (slope paving);
(18) 235 c.y. Class A Portland cem. concrete (sidewalk);
(19) 9 c.y. Class F do (railing);
(20) 420,000 lbs. bar reinf. steel;
(21) 575,000 lbs. fabricated struc. steel
(22) 300 l.f. steel bridge rail;
(23) 5,800 lbs. cast steel (catchbasin manhole and air vent castings);
(24) 1,100 lbs. bronze expansion plates
(25) 350 l.f. 8-in. CMP;
(26) 940 l.f. 10-in. CMP;
(27) 200 l.f. 12-in. CMP;
(28) 1,010 l.f. 15-in. CMP;
(29) 550 l.f. 18-in. CMP;
(30) 430 l.f. 24-in. CMP;
(31) 15 each spillway assemblies;
(32) 800 l.f. 12-in. cast iron bell and spigot pipe;
(33) 700 l.f. 3-in. tile drain pipe;
(34) 240 c.y. rock filling material;
(35) 1,020 l.f. guard rail;
(36) 8 each culvert markers;
(37) 1.0 mile new property fence (type A);
(38) 1.0 mile do (type B);
(39) 6 each fence gates (drive);
(40) 140 c.y. remove and dispose of existing pave.;
(41) 35 each monuments;
(42) 1 lot pumping and elec. equip.;
(43) 1 lot pump house fittings;
(44) 3 tons SC-2 liquid asphalt;
(45) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

BIDS WANTED

TEHAMA COUNTY, Cal.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an underground crossing under the tracks of the Southern Pacific Railroad about one-half mile south of Red Bluff, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.45 mile roadway to be graded and paved with Portland cement concrete pavement.

The work involves:

(1) 400 M. gals. water;
(2) 27,000 c.y. rdwy. excav., unclass.;
(3) 1,150 c.y. struc. excav.;
(4) 630,000 sta. yds. overhaul;
(5) 5,600 c.y. selected imported material;
(6) 150 c.y. concrete to be removed and disposed of;
(7) 6,400 sq. yds. subgrade for pave.;
(8) 15 stations finishing rdwy.;
(9) 300 c.y. bituminous borders and surfacing;
(10) 2 tons asph. emulsion 90-95;
(11) 17 c.y. sand or fine screenings (seal coat);
(12) 930 c.y. Class A Portland cement concrete (pavement;
(13) 1,325 c.y. do (structure);
(14) 2,600 each pavement dowels;
(15) 28,000 lbs. bar reinf. steel;
(16) 2 each cast steel drop inlet covers and frames;
(17) 320,000 lbs. fabricated struc. steel
(18) 482 l.f. 18-in. CMP;
(19) 74 l.f. 36-in. CMP;
(20) 54 c.y. Class A Portland cement concrete (sidewalks);
(21) 132 c.y. do (curbs and gutters);
(22) 2 each culvert markers;
(23) 3 each monuments;
(24) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles, and Redding.

BIDS WANTED

MONTEREY COUNTY, Cal.—Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Salinas.

The work involves:

(1) 1,500 c.y. existing concrete to be removed;
(2) 50 M. gals. water;
(3) 42,000 c.y. rdwy. excav.;
(4) 2,000 c.y. struc. excav.;
(5) 12,000 sq. yds. subgrade for pave.;
(6) 320 tons crusher run base;
(7) 160 tons mineral aggregate (plant mixed surfacing);
(8) 8 tons liquid asphalt SC-2 (plant-mixed surf.);
(9) 2 tons do (prime coat);
(10) 11 c.y. stone screenings (seal coat);
(11) 1 ton liquid asphalt MC-2 (seal coat);
(12) 1,450 tons asphalt concrete;

(13) 1,350 c.y. Class A Portland cem. concrete (pavement);
(14) 120 c.y. Class A do (curbs and gutters);
(15) 130 c.y. Class A do (sidewalk);
(16) 390 c.y. Class A do (subfloor);
(17) 3,850 c.y. Class A do (thick floor)
(18) 2,250 c.y. Class A do (struc.);
(19) 118 c.y. Class F do (railing);
(20) 3,100 each pavement dowels;
(21) 155,000 lbs. bar reinf. steel;
(22) 3,600 lbs. cast steel (catchbasin covers and frames);
(23) 4,800 l.f. furnish treated Douglas fir piles, including test piles;
(24) 160 each drive treated fir piles, including test piles;
(25) 266 l.f. 8-in. CMP;
(26) 509 l.f. 12-in. CMP;
(27) 260 l.f. 15-in. CMP;
(28) 84 l.f. 18-in. CMP;
(29) 129 l.f. 6-in. vit. clay pipe;
(30) 4 each 4-in. wyes on 6-in. vit. clay pipe;
(31) 1 each 6-in. tee on do;
(32) 936 l.f. 8-in. vit. clay pipe;
(33) 20 each 6-in. wyes A on 8-in. vit. clay pipe;
(34) 1 each 6-in. tee on do;
(35) 400 l.f. 10-in. vit. clay pipe;
(36) 60 l.f. 4-in. cast iron bell and spigot pipe;
(37) 150 l.f. 8-in. do;
(38) 260 l.f. 10-in. do;
(39) 1,465 l.f. 12-in. do;
(40) 700 l.f. ¾-in. galv. iron pipe;
(41) 740 l.f. 1-in. galv. iron pipe;
(42) 6 each concrete manholes;
(43) 5,800 sq. yds. membrane waterproofing;
(44) 5,800 lbs. copper strips;
(45) 700 c.y. top soil;
(46) 17 ea. trees, platanus racemosa;
(47) 35 each shrubs, pyracantha yunnanensis;
(48) 65 each vines, bignonia tweediana
(49) 4,000 sq. yds. sods, lawn;
(50) 255 each sprinkler heads;
(51) 1 lot electrical lighting equip.;
(52) 1 lot pumping equipment;
(53) 675,000 lbs. fabricated structural steel;
(54) 1 lot misc. items of work.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

ORANGE COUNTY, Cal.—Until December 12, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway in Orange County at Northam, near Buena Park, consisting of two concrete abutments with wing walls and steel plate girder superstructure; the sides of the cut are to be slope paved, and approximately 0.86 mile of roadway is to be graded and paved with Portland cement concrete pavement.

The work involves:
(1) 270 c.y. existing pavement to be removed;
(2) 380 M. gals. water;
(3) 26,000 c.y. rdwy. excav.;
(4) 750 c.y. struc. excav.;
(5) 12,200 sq. yds. subgrade for pave.
(6) 1,070 tons mineral agg. (plant-mixed surfacing);
(7) 58 tons liquid asphalt MC-5 (do);
(8) 8 tons liquid asphalt MC-2 (prime coat);
(9) 76,000 sta. yds. overhaul;
(10) 6,750 c.y. selected imported material;
(11) 26 tons liquid asphalt 90-95 (subgrade seal);
(12) 6,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 6 tons liquid asphalt SC-2 (prime coat, shoulders);
(14) 72 tons liquid asphalt SC-2 (road mix surf. treatment, shoulders);
(15) 2,430 c.y. Class A Portland cem. concrete (pavement);
(16) 260 c.y. Class A do (curbs and gutters);
(17) 70 c.y. Class A do (sidewalk);
(18) 680 c.y. Class A do (struc.);
(19) 300 c.y. Class A do (slope paving)
(20) 4,400 each pavement dowels;
(21) 47,000 lbs. bar reinf. steel;
(22) 300,000 lbs. structural steel;
(23) 3,600 lbs. pipe handrail;
(24) 970 l.f. 10-in. cast iron discharge pipe;
(25) 70 l.f. 24-in. reinf. concrete pipe;
(26) 45 l.f. 24-in. CMP;
(27) 600 l.f. laminated guard railing;
(28) 1,000 lbs. misc. iron and steel;
(29) 20 l.f. curb armor;
(30) 7 each culvert markers;
(31) 1 lot waterproofing;
(32) 1 lot pumping equipment;
(33) 46 stations finisbing rdwy.;
(34) 46 sta. clearing and grubbing;
(35) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SAN FRANCISCO COUNTY.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the widening of an undergrade crossing under the tracks of the Southern Pacific Railroad at Army St., San Francisco.

The work involves:
(1) 200 c.y. struc. excav.;
(2) 6 tons asphalt concrete;
(3) 250 c.y. Class A Portland Cement concrete (struc.);
(4) 20 c.y. do (base and curbs);
(5) 30,000 lbs. bar reinf. steel;
(6) 470,000 lbs. fabricated struc. steel
(7) 20,000 lbs. struc. steel (falsework)
(8) 680 l.f. furnishing steel piles;
(9) 34 each driving steel piles;
(10) 190 c.y. concrete to be removed;
(11) 1 lot electrical equipment;
(12) 1 lot protective covering;
(13) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until December 11, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Co. at Lafayette St. in Santa Clara.

The work involves:
(1) 900 cu.yds. existing pave to be removed;
(2) 20,000 gals. water;
(3) 25,000 cu.yds. roadway excav.;
(4) 2,400 cu.yds. structure excav.;
(5) 2,000 cu.yds. selected imroved borrow;
(6) 3,350 sq.yds. subgrade for pave;
(7) 420 tons crusher run base;
(8) 280 tons mineral aggregate (road-mix surfacing);
(9) 22 tons liquid asphalt MC-4 (road-mix surfacing);
(10) 3 tons liquid asphalt MC-2 (prime coat);
(11) 17 tons Grade E Asphalt (Membrane Seal);
(12) 675 cu.yds. class A Port. cem. con. (pave);
(13) 160 cu.yds. class A Port. cem. concrete (curbs and gutters);
(14) 140 cu.yds. class A Port cem. conc. (sidewalks);
(15) 3,000 cu.yds. class A Port. cem. concrete (structure);
(16) 92 cu.yds. class F Portland cement concrete (railing);
(17) 240 each pavement dowels;
(18) 128,000 lbs. bar reinf. steel;
(19) 470,000 lbs. fabricated structural steel;
(20) 3,000 lbs. cast steel (catch basin covers and frames);
(21) 8,720 lin.ft. furnishing treated Douglas fir piles, including test piles;
(22) 348 each driving treated Douglas fir piles,, including test piles;
(23) 960 lin.ft. 10-in. CMP
(24) 100 lin.ft. 12-in. CMP
(25) 92 lin.ft. 15-in. CMP
(26) 12 lin.ft. 18-in. CMP;
(27) 3,800 lin. ft. 8-in. perf. metal underdrains;
(28) 18 lin.ft. 10-in. vit. clay pipe;
(29) 280 lin.ft. 20-in. vit. clay pipe;
(30) 360 lin.ft. 4-in. cast iron bell and spigot pipe;
(31) 600 lin.ft. 20-in. cast iron bell and sigot pipe;
(32) 170 cu.yds. filling material;
(33) 4 each concrete manholes;
(34) 2 each adjusting manholes to grade;
(35) 860 lin.ft. removing and relaying existing 8-in. CI pipe
(36) 4,000 lin.ft. painting traffic stripe and curbs;
(37) 1 lot electrical equip.;
(38) 1 lot pumping equip.
(39) 1 lot misc. items of work.

Plans and specifications obtainable at the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Ageles.

BIDS WANTED

SAN JOAQIN COUNTY, Calif.—Until December 10, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad and the Western Pacific Railroad at Charter Way in the City of Stockton, consisting of reinforced concrete abutments with steel superstructure; and approximately 0.21 mile roadway to be graded and paved with Portland cement concrete pavement.

The work involves:
(1) 45,00 cu.yds. roadway excavation unclassified;
(2) 10,000 cu.yds. struc. excavation;
(3) 10,000 sta.yds. overhaul;
(4) 1,600 cu.yds. existing pavement and strucs. to be removed;
(5) 15,000 sq.yds. subgrade for pavement;
(6) 1,620 tons mineral aggregate (plant-mixed surfacing, detour);
(7) 81 tons liq. asphalt SC-2 (plant-mixed surfacing, detour);
(8) 10 tons liquid asphalt SC-1A (prime coat, detour);
(9) 3,850 tons asphalt concrete;
(10) 250 sq.yds. asphaltic paint binder;
(11) 940 cu.yds. class A Portland cement (pavement);
(12) 5,380 cu.yds. class A Portland cement concrete (structure);
(13) 85 cu.yds. class F Portland cement (railing);
(14) 1,300 each pavement dowels;
(15) 500,000 lbs. bar reinf. steel;
(16) 310,000 lbs. structural steel;
(17) 540,000 lbs. fabricated structural steel;
(18) 7,500 lbs. cast iron (catch basin cover and frame assemblies);
(19) 29,500 lin.ft. furnishing treated Douglas fir piles, including test piles;
(20) 352 each driving treated Douglas fir piles, including test piles;
(21) 66 lin.ft. 8-in. CMP;
(22) 10 lin.ft. 18-in. CMP;
(23) 2,150 lin.ft. 6-in. standard drain tile;
(24) 120 cu.yds. rock filling material;
(25) 112 lin.ft. 4-in. vit. clay pipe;
(26) 890 lin.ft. 6-in. vit. clay pipe;
(27) 110 lin. ft. 8-in. vit. clay pipe;

(28) 1,200 lin. ft. 18-in. vit. clay pipe;
(29) 436 lin.ft. 8-in. plain concrete pipe;
(30) 68 lin.ft. 11-in. plain concrete pipe;
(31) 58 lin.ft. 14-in. plain concrete pipe;
(31) 510 cu.yds. class A Portland cement concrete (curbs and gutters)
(32) 130 cu.yds. class A Portland cement concrete (sidewalks);
(33) 250 lin.ft. 6 in. cast iron pipe;
(34) 104 lin. ft. 8-in. cast iron pipe;
(35) 1,170 lin. ft. 12-in. cast iron pipe;
(36) 46 lin.ft.. 15-in. cast iron pipe;
(37) 3 each lumpholes;
(38) 2 each brick manholes, 4 ft. sanitary;
(39) 6 each brick manholes, 5 ft. sanitary;
(40) 2 each brick manholes, 4 ft storm water;
(41) 2,200 lbs. copper strips;
(42) 1 lot electrical equipment;
(43) 1 lot pumping equipment;
(44) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and Stockton. *

BIDS WANTED

LOS ANGELES, Calif.—Until December 13, 2 p.m., bids will be received by the State Highway Engineer, State Bldg., Los Angles, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway Company in Los Angeles County, at Firestone Blvd., in Los Angeles.

The work involves:
(1) 1,010 cu.yds. existing concrete to be removed and disposed of;
(2) 1 lot clearing and grubbing;
(3) 110,000 gals. water;
(4) 4,200 cu.yds. roadway excav.;
(5) 1,080 cu.yds. struc. excav.;
(6) 3,800 sq.yds. subgrade for pavement;
(7) 1 lot finishing roadway;
(8) 620 tons mineral aggregate (plant-mixed surfac.);
(9) 35 tons liq. asphalt MC-5 or MC extra heavy (plant-mixed surf.);
(10) 5 tons asphalt MC-2 (prime coat)
(11) 1,400 tons asphalt concrete;
(12) 75 cu.yds. class A Portland cement concrete (pave.);
(13) 420 cu.yds. class A Portland cement (curbs, gutters and sidewalk);
(14) 2,200 cu.yds. class A Portland cement concrete (struc.);
(15) 120 each pave. dowels;
(16) 160,000 lbs. for reinf. steel;
(17) 460,000 lbs. fabricated structural steel;
(18) 900 sq.yds. membrane waterproofing;
(19) 850 lin.ft. perf. metal drains;
(20) 4,900 lin.ft. reinf. concrete piles, including test piles;
(21) 400 lin.ft. curb armor;
(22) 600 lin.ft. pipe handrail;
(23) 3,500 sq.ft. reinf. concrete crib wall;
(24) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—J. E. Branagh, 116 Monticello Ave., Piedmont, at $9,192.50 submitted low bid and awarded contract by the Alameda County Board of Supervisors, Oakland, for the construction of a reinforced concrete box culvert at Station 7 plus 28 on Redwood Road in Eden Township, involving:
(1) 700 cu. yds. excavation for strucs.;
(2) 50 cu. yds. gravel backfill;
(3) 235 cu. yds. concrete in strucs.;
(4) 72,000 lbs. reinforcing steel;
(5) Lump sum, removal of existing culvert, clearing of site, etc

Total bids follow:

J. E. Branagh, Piedmont	$9,192.50
A. Sodu & Son, Oakland	9,292.00
Lee J. Immel, Berkeley	9,367.50
Schnoor Bros., Oakland	10,569.50
Albany Cement Contractors, Albany	10,637.50
Underground Constr. Co., Berkeley	11,958.00

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Western Pacific Railroad at Washington Avenue, near San Leandro, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.26 mile grading and paving with Portland cement concrete.

The work involves:
(1) 20,000 cu. yds. roadway excav., unlass;
(2) 500 cu. yds. struc. excav.;
(3) 1200 cu. yds. selected imported borrow;
(4) 3000 sq. yds. subgrade for pave.;
(5) 1100 tons crusher run base;
(6) 600 cu. yds. Class A Portland cement concrete (pave.);
(7) 3775 cu. yds. Class A Portland cement concrete (struc.);
(8) 155 cu. yds. Class A Port. cem. conc. (railing);
(9) 800 each pavement dowels;
(10) 300,000 lbs. bar reinf. steel;
(11) 380,000 lbs. fabricated structural steel;
(12) 2200 lbs. cast steel (catchbasin covers and frames);
(13) 7200 lin. ft. furnishing treated Douglas fir piles, includ. test piles;
(14) 288 each driving treated Douglas fir piles, includ, test piles;
(15) 290 lin. ft. 8-in. CMP;
(16 48 lin. ft. 10-in. CMP;
(17) 700 lin. ft. 12-in. CMP;
(18) 770 lin. ft. 15-in. CMP;
(19) 12 lin. ft. 18-in. CMP;
(20) 2960 lin. ft. 8-in. perf. metal pipe underdrains;
(21) 170 cu. yds. rock filling material
(22) 270 cu. yds. Class A Portland cement concrete (curbs and gutters);
(23) 900 sq. yds. membrane waterproofing;
(24) 11 tons liquid asph. SC-2 (penetration);
(25) 10 tons grade E asphalt (membrane seal);
(26) 1 lot pumping equipment;
(27) 1 lot electrical equipment;
(28) 1 lot misc. items of work.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

SAN FRANCISCO COUNTY, Calif. —Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for widening an overhead crossing over tracks of the Southern Pacific Railroad at Williams Street in the City of San Francisco, consisting of one 42-ft. and one 43-ft. 7-in. steel 1-beam spans on steel bents and concrete abutments with wing walls on spread footings.

The work involves:
(1) 40 c.y. struc. excav.;
(2) 850 c.y. Class A Portland cement concrete (struc.);
(3) 30,000 lbs. bar reinf. steel;
(4) 190,000 lbs. struc. steel;
(5) 7,500 lbs. pipe hand railing;
(6) 1 lot existing superstructure to be removed and disposed of;
(7) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 12, 2 p.m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a timber bridge and about 2.5 miles grading in Los Angeles County, on Somerset Ave., between Spring St. and Hathaway Ave.

See item under classification 29 (Streets and Highways) for list of bid items. *

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until December 10, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of a bridge, 3.1 miles grading, and applying road-mix surface treatment, in Stanislaus County, between River Road and 2 miles west of Gates Road.

See item under Classification 29 (Streets and Highways) for list of bid items. *

BIDS WANTED

CALAVERAS COUNTY, Cal.—Until December 11, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of a reinforced concrete bridge and about 1.8 miles grading in Calaveras County, between the South Fork of Mokelumne River and Herbert's Ranch.

See item under classification 29 (Streets and Highways) for list of bid items. *

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—J. F. Knapp, 1401 Park Ave., Oakland, at $249,281 awarded contract by State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the S. P. Co. near El Cerrito Hill in the City of Albany, consisting of reinforced concrete girder spans and steel girder spans with concrete deck, having a total length of approximately 1500 feet.

CONTRACT AWARDED

PIERCE & THURSTON COUNTIES Wash.—John Rumsey & Co., 3821 Airport Way, Seattle, at $376,727 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, November 13, for constructing reinforced concrete T - beam bridges on about 0.8 mile of State Road No. 1, Olympia to Nisqually (Nisqually River Bridge Approaches and two Slough Bridges).

General Construction Co., Seattle, $388,161 submitted second low bid.

Third low proposal was offered by Puget Sound Bridge & Dredging Co., Seattle, at $406,446. *

CONTRACT AWARDED

KING COUNTY, Washington—Peder Gjarde, Lyon Bldg., Seattle, at $553,505 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, November 13, for paving with Portland cement concrete and constructing a reinforced concrete viaduct on City Street, First Avenue South Overcrossing, in the City of Seattle.

Second low bid was submitted by C. L. Creelman, Seattle, at $556,090.

Sheble Constr. Co., Seattle, at $564,928 submitted third low bid.

CONTRACT AWARDED

HUMBOLDT COUNTY, Nevada.—Nevada Rock & Sand Co., Inc., 940 E. Fourth St., Reno, at $34,273.20, as previously reported, submitted low bid to the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, and awarded the contract Nov. 14 for the construction of an underpass under the Southern Pacific Railway in Humboldt County, Route 1, Section A4, near Winnemucca, a length of approximately 0.4 mile.

The work involves:

(1) 104 l.f. remove culvert pipe;
(2) 286 c.y. remove concrete;
(3) 18,600 c.y. roadway excav.;
(4) 1075 c.y. structure excav.;
(5) 0.38 mile subgrade;
(6) 0.40 mile finish roadway;
(7) 860 c.y. gravel base;
(8) 18 tons asphaltic road material, type SC-2;
(9) 0.4 mile traffic stripe;
(10) 0.4 mile salvage and relay asph. surface;
(11) 80 c.y. Class A concrete;
(12) 280 c.y. Class B concrete;
(13) 3,410 lbs. reinforcing steel;
(14) 227,000 lbs. structural steel;
(15) 72 l.f. relay culvert pipe;
(16) 4 each move pipe culvert headwalls;
(17) 10 l.f. 15-in. CMP;
(18) 12 l.f. 24-in. CMP;
(19) 28 l.f. 15-in. concrete pipe.

Total bids follow:

(A) Nevada Rock & Sand Co., Reno, $34,273.20.
(B) Isbell Const. Co., Reno, $37,675.20.
(C) Engineer's estimate, $31,762.95.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.00	$ 2.00	$ 1.00
(2)	5.00	6.00	4.00
(3)	.45	.50	.50
(4)	1.50	1.50	1.25
(5)	100.00	1000.00	100.00
(6)	400.00	1000.00	300.00
(7)	1.25	1.00	.75
(8)	24.00	50.00	24.00
(9)	90.00	200.00	100.00
(10)	1000.00	2000.00	1000.00
(11)	22.00	21.00	24.00
(12)	21.00	20.00	20.00
(13)	.07	.07	.07
(14)	.055	.06	.045
(15)	1.00	1.00	.75
(16)	10.00	10.00	10.00
(17)	2.00	2.50	2.25
(18)	3.00	3.75	3.00
(19)	3.00	3.50	2.50

BIDS WANTED

STATE OF OREGON.—Until Nov. 30, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, Third Floor, Public Service Bldg., Portland, for bridge construction as follows:

GRANT COUNTY Construction of a bridge over the North Fork of the John Day River and 0.48 mile of grading and surfacing on the Long Creek-Monument County Road at Monument. Requires approximately 32,000 c.y. excavation; 1,600 c.y. pit - run gravel topping; 500 c.y. granite sand surfacing materials; 930 c.y. structural excavation; 640 c.y. concrete; 1,000 l.f. treated trestle piling; 21 MFBM treated lumber; 80,000 lbs. metal reinforcement; 300,000 lbs. structural steel and 800 l.f. concrete handrail.

JACKSON COUNTY: Construction of 0.41 mile of grading and a concrete and steel undercrossing under Southern Pacific Company's tracks on the Pacific Highway approximately 9 miles south from Ashland. Requires approximately 201,000 c.y. excavation; 1,980 c.y. concrete; 112,000 lbs. metal reinforcement and 200,000 lbs. structural steel.

KLAMATH COUNTY: Construction of a concrete bridge over the O. C. & E. Railroad and 0.51 mile of grading, surfacing and bituminous macadam wearing surface on the Klamath Falls-Lakeview Highway near Dairy. Requires approximately 13,000 c.y. excavation; 2,600 c.y. pit run cinder topping; 900 c.y. salvaged surfacing materials; 6,000 sq. yds. bituminous macadam wearing surface; 360 c.y. concrete; 61,000 lbs. metal reinforcement and 256 l.f. concrete handrail.

LANE COUNTY: Construction of 9 creosoted pile trestle bridges with concrete decks and a concrete box culvert on the Junction City - Eugene Secondary Highway. Requires approximately 164 c.y. excavation; 4,420 l.f. treated trestle piling; 138 MFBM treated lumber; 564 c.y. concrete; 115,700 lbs. metal reinforcement, and 1,332 l.f. concrete handrail.

LANE COUNTY: Construction of a concrete bridge over the S. P. Company's tracks and 0.52 mile of grading and paving on the Junction City-Eugene Secondary Highway, approximately one mile north from Eugene. Requires approximately 1,000 c.y. excavation; 670 c.y. concrete; 110,000 lbs. metal reinforcement; 420 l.f. concrete handrail; 140,000 c.y. borrowed embankment materials; 7,000 sq. yds. Portland cement concrete pavement; 430 c.y. crushed rock shoulder materials.

MULTNOMAH COUNTY: Construction of an underpass under the O. W. R. & N. Company's tracks and 0.30 mile of grading and paving on 162nd Ave. (Barker Road) approximately 4 miles east of 82nd St., Portland. Requires approximately 510 c.y. of concrete; 42,000 lbs. metal reinforcement; 41,000 lbs. structural steel; 34,500 c.y. excavation; 300 c.y. gravel ballast; 3,600 sq. yds. Portland cement concrete pavement; 1,500 c.y. gravel surfacing, and 4,000 sq. yds. oil mat surface treatment.

WALLOWA COUNTY: Construction of a concrete bridge over Wallowa River and a treated pile trestle bridge over Rock Creek, 0.6 and 4.5 miles, respectively, from Wallowa on the Wallowa Lake Highway. Requires approximately 510 c.y. excavation; 670 c.y. concrete; 136,000 lbs. metal reinforcement; 475 l.f. concrete handrail; 800 l.f. treated piling; 18 MFBM treated lumber and 160 l.f. concrete handrail.

Plans and specifications obtainable at the office of the State Highway Commission, Room 322, State Office Bldg., Salem, upon deposit of $5.00 per set.

BIDS WANTED

STATE OF WASHINGTON—Until December 3, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for bridge construction as follows:

SKAGIT COUNTY — Constructing a treated timber and steel trestle with a concrete deck on State Road No. 1 (Lake Samish Road Branch), Burlington-North. Overcrossing of Great Northern Railway, near Belleville, involving about 753 cubic yards of concrete, 152,000 pounds of steel reinforcing bars, 66,000 pounds of structural carbon steel, 208 M.B.M. of timber and lumber creosote treated, 20 M.B.M. of timber and lumber zinc chloride treated, 22,650 lineal feet of treated piles, and other items.

KITTITAS COUNTY—Constructing a 200-foot steel riveted bridge, with reinforced concrete approaches, on County Road (Ellensburg-Thorp Rd.), Yakima River Bridge near Dudley, involving about 376 cubic yards of concrete, 257,000 pounds structural carbon steel, and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

CONTRACT AWARDED

KERN COUNTY, Cal.—Rexroth & Rexroth, 2110 C, Station A, Bakersfield, at unit prices shown, awarded contract by the Kern County Board of Supervisors, F. E. Smith, County Clerk, Bakersfield, for the construction of a timber-pile bridge across the South Fork of Kern River, on County Road No. 49, involving:

(1) Excavation;
(2) Embankment;
(3) 796 lin. ft. Cedar piles, in place;
(4) 108 lin. ft. Cedar pile cut-offs;
(5) 13,212 ft. b. m. Douglas fir timber, in place;
(6) 16984 ft. b. m. Redwood timber, in place;
(7) 2 fire barrels, in place, complete

The bidders were:

(A) Rexroth & Rexroth, Bakersfield.
(B) Opperman & Kempe, Bakersfield.
(C) E. G. Perham, Los Angeles.
(D) R. McGray, Taft.

The bids were:

	(A)	(B)	(C)	(D)
(1)	$75.00	$70.00	$100.00	$250.00
(2)	50.00	80.00	200.00	200.00
(3)	1.20	1.30	1.33	.9
(4)	.58	1.30	.40	.28
(5)	68.00	78.00	64.77	75.00
(6)	67.00	77.00	77.00	75.00
(7)	20.00	15.00	18.50	20.00

BIDS WANTED

NAPA COUNTY, Cal.—Until December 11, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of a bridge and about 6.3 miles grading in Napa County, between St. Helena and Larkmead Station.

See item under classification 29 (Streets and Highways) for list of bid items.

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an underground crossing under the tracks of the Sacramento Northern Railway at Broadway Terrace in the City of Oakland, consisting of two concrete abutments, one concrete center pier, and steel superstructure; approximately 0.34 mile of roadway to be graded and paved with Portland cement concrete; and approximately 0.24 mile of roadway to be graded and surfaced with plant-mixed surfacing.

The work involves

(1) 39,000 c.y. rdwy. excav., unclass.;
(2) 1,050 c.y. struc. excav.;
(3) 2,300 c.y. selected imported borrow;
(4) 8,900 sq. yds. subgrade for pave.;
(5) 18 sta. finishing rdwy.;
(6) 560 tons crusher run base;
(7) 375 tons mineral aggregate (plant mixed surfacing);
(8) 19 tons liquid asphalt SC-2 (do);
(9) 3 tons liquid asphalt SC-2 (prime coat);
(10) 3 tons liquid asphalt MC-3 (seal-coat);
(11) 22 tons stone screenings (seal coat);
(12) 1,660 c.y. Class A Portland cement concrete (pavement);
(13) 1,325 c.y. do (structure);
(14) 2,120 each pavement dowels;
(15) 180,000 lbs. bar reinf. steel;
(16) 228,000 lbs. struc. steel;
(17) 4 each cast iron manhole cover frame assemblies;
(18) 6 each storm water inlet grating and frame assemblies;
(19) 330 l.f. 6-in. drain tile;
(20) 260 l.f. 8-in. vitrified clay pipe;
(21) 240 l.f. 12-in. do;
(22) 60 l.f. 15-in. do;
(23) 22 c.y. rock filling material;
(24) 350 c.y. Class A Portland cement concrete (curbs and gutters);
(25) 15 c.y. Class A do (sidewalks);

(26) 250 l.f. laminated guard rail;
(27) 28 tons Grade E asphalt (membrane seal);
(28) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for the construction of an underground crossing under the tracks of the Western Pacific Railroad Company at Jackson St., Hayward, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.15 mile grading and paving with Portland cement concrete pavement.

The work involves:
(1) 14,000 cu. yds. roadway excav., unclass.;
(2) 1550 u. yds. struc. excav.;
(3) 1620 sq. yds. subgrade for pave;
(4) 350 cu. yds. crushed gravel or stone (borders);
(5) 300 cu. yds. Class A Portland cement concrete (pave.);
(6) 1600 cu. yds. Class A Portland cement concrete (structures);
(7) 290 cu. yds. Class A Portland cement concrete (curbs and gutters);
(8) 65 cu. yds. Class A Portland cement conc. (sidewalks);
(9) 650 each pavement dowels;
(10) 95,000 lbs. bar reinf. steel;
(11) 140,000 lbs. struc. steel;
(12) 3000 lbs. cast steel (covers and frames);
(13) 7100 lin. ft. furnishing treated Douglas fir piles, includ. test piles;
(14) 470 each driving treated Douglas fir piles, includ. test piles;
(15) 780 lin. ft. 12-in. CMP;
(16) 850 lin. ft. 8-in. perf. metal pipe (underdrains);
(17) 80 cu. yds. rock filling material;
(18) 370 lin. ft. 12-in. cast iron bell and spigot pipe;
(19) 810 lin. ft. pipe handrail;
(20) 5 tons liq. asphalt SC-2 (borders)
(21) 56 each pyracantha yunnanensis:
(22) 5 each eucalyptus sideroxylon rosea;
(23) 135 cu. yds. top soil;
(24) 1 lot elect. equipment;
(25) 1 lot pumping equipment;
(26) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until December 11, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for the construction of a timber bridge and about 3.1 miles grading and surfacing with road-mix surfacing on selected material base, in San Benito County, between Bear Valley and 1 mile north of Willow Creek.

See item under classification 29 for list of bid items. *

BIDS WANTED

IMPERIAL VALLEY, Cal. — Until December 13, 2 p.m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of a timber bridge and structure and about 9.8 miles grading, surfacing with gravel and road-mix surface treatment applied thereto, in Imperial County, between 3 miles east of Imperial and half mile east of Brawley.

See item under classification 29 for list of bid items. *

CONTRACT AWARDED

CONTRA COSTA COUNTY, Cal.—A. T. Howe, 111 Stanfard St., Santa Rosa, at $17,730.50 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete girder overhead structures over the tracks of the Atchison, Topeka & Santa Fe Railway, 3½ miles north of Concord, consisting of one 32-ft. span and two 29-ft. spans and about 0.18 mile of roadway grading and surfacing with plant-mixed surfacing (medium curing type)

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

RICHMOND, Contra Costa Co., Cal.—Bids for guniting piles at Wharf No. 1 were opened by the Richmond City Council, A. C. Faris, City Clerk, Nov. 12.

Bids were taken as follows:
(1) Removal of old and cracked concrete, cleaning steel, and replacing same with cement gunite;
(2) Removal of old reinforcing steel and replacing with new reinforcing steel and No. 3 black annealed wire;
(3) Galvanized welded wire fabric, in place.

Complete bids follow:

Edwin Anderson, 998 Gilman Ave., San Francisco: (1) $37.20 per c.y.; (2) $0.90 per lb.; (3) $0.25 per lb.

Cement Gun Const. Co., 9 Main St., San Francisco: (1) $42 per c.y.; (2) $0.065 per lb.; (3) $0.26 per lb.

Bids referred to the City Engineer for one week. *

BIDS OPENED

SAN DIEGO, Cal.—Sparkes McClellan, 23rd and Central Sts., Newport Beach, were recommended for award of contract by Public Works officer, 11th Naval Dist., San Diego, Nov. 14, for dredging. The work consists of dredging of areas in the vicinity of the piers at the Fuel Depot and areas in the vicinity of quay wall to be dredged at Fuel Depot, including allowable overdepth, is 23,000 cu. yds. more or less, and at the Destroyer Base, including allowable overdepth is at the Destroyer Base. The amount 80,000 cubic yards, more or less. Spec. No. 8105.

The items are:
(1) price for rdedging "B" area at Fuel Depot;
(2) price per cu. yd. for dredging "A" area at Fuel Depot;
(3) price per cu. yd. for dredging "C" and "D" areas at Destroyer Base.

The bids were:

Sparks & McClellan, Newport Beach, (1) $1250; (2) 50c; (3) 43c.

San Francisco Bridge Co., San Francisco, (3) 48c. *

23—IRRIGATION PROJ.

NOBIDS RECEIVED

STANISLAUS COUNTY, Cal. — No bids were received by the Modesto Irrigation District, C. S. Abbott, Secretary, for construction of 2-inch concrete lining, and reinforced concrete outlet headwalls in the Canals and Laterals of the District.

The District will petition the PWA for permission to do the work by force account. *

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until Nov. 30, 2 P. M., bids will be received by the West Stanislaus Irrigation District, Westley, for approximately 2,000,300 sq. ft. of concrete canal lining in lateral ditches of the district.

The work involves:
Contract 1046-A: 653,700 sq. ft. in Lateral Ditches 4, 5 and 6 north.
Contract No. 1046-B: 665,600 sq. ft. in Lateral Ditches 6 and 5 south.
Contract No. 1046-C: 681,000 sq. ft. in Lateral Ditches 4 and 3 south and 3 north.

Bids will be taken as follows:

A unit and total bid on each contract and a total for the combination of the three contracts.

Plans and specifications obtainable from the above office upon deposit of $20.00.

The PWA has allotted a grant of 45% of the total cost, which is estimated at $220,000. *

APPLICATIONS FILED

SACRAMENTO, Calif.—Applications for permit to appropriate water filed with the State Department of Public Works, Division of Water Resources, during October, 1935:

8457 (El Dorado Co.) J. B. Bradley, El Dorado, for 3 cfs from Cosumnes river tributary to Sacramento river, to be diverted for mining purposes.

8458 (Riverside Co.) A. H. Nightingale, Indio, for 200 gals. per minute from Virgin Spring creek and Pigeon creek, tributary to Deep Creek and Salton Sink, to be diverted for domestic purposes. Est. cost, $2,000.

8459 (Tuolumne Co.) Peter J. Domick, Alameda, for .33 cfs from Jackass creek tributary to Moccasin creek, to be diverted for mining purposes. Estimated cost, $800.

8460 (Plumas Co.) J. L. and Elizabeth Robinson, Reno, Nev., for 200 ac. ft. from Taylor lake tributary to Hungry and Indian creeks, to be diverted for irrigation and domestic purposes on 510 acres. Est. cost, $1,000.

8461 (Mono Co.) Arthur J. Fry, Los Angeles, for 1.5 cfs from Mahogany creek, tributary to Reversed creek, to be diverted for power purposes, 23 thp to be developed. Est. cost, $2500.

8462 (Santa Clara Co.) Jane C. Wool and F. G. Wool Packing Co., Inc., San Jose, for 3 cfs from Coyote river tributary to San Francisco Bay, to be diverted for irrigation purposes. Est. cost, $3,000.

8463 (San Bernardino Co.) County of San Bernardino for 1000 cfs. and 110,000 ac. ft. from Mohave river and West Fork Mohave river, to be diverted for irrigation and domestic purposes on 50,000 acres.

8464 (El Dorado Co.) T. A. Simpson, King City, for 2½ cfs from Spring creek tributary to Consumnes river, to be diverted for mining purposes. Est. cost, $100.

8465 (Nevada Co.) Sierra Club, 1050 Mills Tower, San Francisco, for 5000 gals. per day from a spring tributary to Lytton creek thence South Fork of Yuba River to be diverted for domestic purposes.

8466 (Calaveas Co.) Gold Mining & Water Co., 208 Sharon Building, San Francisco, for 105 cfs and 210 ac. ft. from South Fork Mokelumne & Little Mokelumne river, tributary to Mokelumne river, to be diverted for mining and domestic purposes. Estimated cost, $30,000.

8467 (Trinity Co.) Jessie Knowlton, Big Bar, for 3 cfs from Deer Creek, tributary to Trinity River, to be diverted for mining purposes.

8468 (San Bernardino Co.) Forest S. and Icie MacPerdew, Alta Loma, for 0.10 cfs from two tunnels in Brodek Canyon tributary to Santa Ana river watershed to be diverted for irrigation and domestic purposes on twenty acres. Est. cost, $2,000.

8469 (Tehama Co.) U. S. Lassen National Forest, Susanville, for 5000 gals.

per day from Lost Creek spring tributary to Lost Creek to be diverted for recreational purposes.

8470 (Riverside Co.) Lewis B. Bueter Los Angeles, for 1000 gals. per day from a spring tributary to Cottonwood Canyon and Lake Elsinore, to be diverted for irrigation and domestic purposes on 8 acres. Est. cost, $500.

8471 (Mono Co.) Maj. W. R. Jackson, 65-67 W. Union St., Pasadena, for .001 cfs from an unnamed stream tributary to Mammoth Lakes, to be diverted for domestic purposes.

8472 (Plumas Co.) W. L. Leland, Chico, for 2 cfs from an unnamed stream tributary to North Fork of Feather River, to be diverted for power purposes, 161 thp to be developed. Est. cost, $3600.

8473 (Butte Co.) C. L. Cosart and A. S. Jones, Chico, for 2 cfs from unnamed branch of Coon Hollow creek tributary to North Fork of Feather river to be diverted for mining and domestic purposes. Est. cost, $2900.

8474 (San Diego Co.) H. M. Macomber, Los Angeles, for 0.1 cfs from 3 wells tributary to San Luis Rey river via Keys Canyon to be diverted for irrigation and domestic purposes on 32 acres. Est. cost, $6500.

8475 (Siskiyou Co.) U. S. Klamath National Forest, Yreka, for 16,000 gals. per day from a spring tributary to the Klamath river, to be diverted for domestic purposes.

8476 (Lake County) Lucerne on the Lake, Inc., Russ Bldg., San Francisco for 100,000 gals. per day from Clear Lake, to be diverted for irrigation purposes on 54 acres. Est. cost $1800.

8477 (San Bernardino Co.) Alfred Mondorf, Phelan, for .025 cfs from Smithson Springs to be diverted for irrigation and domestic purposes on ten acres.

8478 (Plumas Co.) John M. Duthie, Belden, for 3 cfs from Mosquito Creek tributary to North Fork Feather river to be diverted for mining and domestic purposes. Est. cost, $3,000 .

8479 (Trinity Co.) J. J. Scannell, W. B. Ryder and J. C. Knight, 864 52nd St., Oakland, for 0.35 cfs from East Fork Kingsbury Gulch, tributary to Trinity River, to be diverted for mining and domestic purposes. Est. cost, $75.00.

8480 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. from Cosumnes river tributary to Mokelumne river, to be diverted for municipal purposes.

8481 (Amador Co.) Raymond Silva, Sacramento, for 270,000 ac. ft. from Cosumnes river tributary to Mokelumne river to be diverted for power purposes; 13360 thp to be developed.

8482 (Los Angeles Co.) Fred Goodfellows, Burbank, for 2½ cfs from the Middle Fork Pallett Creek tributary to Big Rock Creek to be diverted for irrigation and domestic purposes on 150 acres. Est. cost, $5000.

8483 (Trinity Co.) Berthe Perigot, Blue Lake, for 30 cfs from Scharber Creek and W. Branch Scharber Creek and Quinby Creek tributary to Trinity River to be diverted for mining purposes. Est. cost, $22,000.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho —George B. Henly, Nyssa, Oregon, at $18,178 awarded contract by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 726-D, for constructing earthwork and structures, North Canal Laterals, Dead Ox Flat Division, Owyhee Project. The work is located near Ontario.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon-Idaho —Otis Williams & Co., Vale, Oregon, at $19,918 awarded contract by the Bureau of Reclamation, Ontario, located near Nyssa and Ontario, Order Spec. No. 725-D, for constructing structures, North Canal Laterals, N. C. 37.6 to 38.7½, Mitchell Butte Division, Owyhee Project. The work is

24— STREET LIGHTING

BIDS OPENED

SAN FRANCISCO—A. Soda & Son, 5231 Grove St., Oakland, at $6525.55 and at 39c per lin. ft. for conduit, submitted low bid to the Public Utilities Commission, City Hall, under Light & Power Department Contract No. 8, for furnishing and installing an addition to the lighting system in the Civic Center, complete except conduit; and a unit bid for furnishing and installing 1½-in. standard black conduit.

The work will be located on Fulton Street between Larkin and Leavenworth Streets; on McAllister Street between Larkin and Leavenworth Sts., and on Leavenworth St. between Fulton and McAllister Streets.

The work involves:

(1) 32 16-ft. ornamental reinf. conc. lighting standards;
(2) 32 luminaries without compensators;
(3) 32 Pri. 6.6A., Sec. 15 to 20A Series transformers;
(4) 32,000 lumen 15 ampere Mazda street series lamps;
(5) 32 concrete foundations for standards with bolts and conduit bends;
(6) 8 concrete pull boxes;
(7) 43,000 ft. 1½-in. black underground conduit;
(8) 4,600 ft. 5,000 volt single conductor No. 8 AWG R&LC wire;
(9) 1,200 ft. 600 volt single conductor No. 8 AWG, RCDB stranded wire.

Complete bids follow:

A. Soda & Son, Oakland, $6525.55; $0.20 per lin. ft. for conduit.
R. Flatland (Globe Electric Works, San Francisco. $7081; $0.415 per lin. ft.
H. C. Reid, San Francisco, $7750; $0.35 per lin. ft.
Severin Electric Co., San Francisco, $8156; 0.75 per lin. ft.
Geo. F. Brayer, San Francisco, $9541; $0.50 per lin. ft.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

CASPER, Wyoming—Following bids received by the Bureau of Reclamation, Denver, November 12, under Spec. No. 740-D, for furnishing:

(1) 12 100 kv-a. transformers;
(1-alt.) 12 100 kv-a. transformers with full capacity taps;
(2) 4 69 kv. lighting arrestors;
(3) 12 4-kv. lighting arresters;
(4) 4 69 kv. air-break switches;
(5) 1 69-kv. air-break switch;
(6) 12 69-kv. expulsion fuses;
(7) 4 outdoor switching and metering units.

Equipment is for installation in dragline substations, Casper - Alcova Project, Wyoming.

Complete bids follow:

General Electric Co., Schnectady, N. Y. (1) $22,773.61; (1-alt.) $23,736.25 (2) $7496.62; (3) $68,88; (4) $3004; (5)$971; (6) $1320; (7) $7315; (7-alt) $8261; f.o.b. Casper' net.
General Electric Supply Corp., Denver, Colo. (1) $22,773.60; (1-alt.) $23,-736.24; (2) $7496.64; (3) $68.88; (4) $3004; (5) $971; (6) $1320; (7) $7315; (7-alt.) $8261; f.o.b. Casper; net.
Graybar Electric Co., Denver, Colo. (1) $22,773.60; (1-alt.) $23,736.24; (2) $7496.64; (3) $68,88; (4) $3004; (5) $971; (6) $1320; f.o.b. Casper; net.
Hendrie & Bolthoff Mfg. Co., Denver, Colo., $22,773.60; (1-alt.) $23,736.24 (2) $7496.64; (3) $68.88; (4) $3004; (5) $971; (6) $1320; f.o.b. Casper; net.
Westinghouse Electric & Mfg. Co., Denver, (1) $22,773.60; 1-alt.) $23,-736.24; (2) $7496.64; (3) $68.88; (4) $3004; (5) $971; (7) $7280; f.o.b. Casper; net.
Pacific Electric Mfg. Co., San Francisco (1) $3004; (5) $971; (6) $1320; (7) $5536; f.o.b. Casper; net.
Delta Star Electric Co.; Chicago, (4) $3004; (5) $971; (6) $1320; (7) $7,-244; Items 4, 6 and 7 f.o.b. Casper; Item 5, f.o.b. Chicago; net.
Electric Power & Equipment Co., Philadelphia, Pa., (4) $3004; (5) $971; (6) $1320; f.o.b. Casper; net.
Bowie Swith Co., San Francisco, (4) $3004; (5) $971; (6) $1320; f.o.b. Casper; net.
Schweitzer & Conrad, Inc., Chicago, (4) $3004; (5) $971; (6) $1860.30; f.o.b. Casper; net.
Johnson Mfg. Co., Atlanta, (4) $1,-750.16 (5) $437.14; (6) $1144.56; combination, Items 4, 5 and 6, $3,-300; f.o.b. Casper; net.
Johnson Mfg. Co., Atlanta: Alternates (4) $1664.80; (5) $416.20; (6) $1,-100.76; combination, Items 4, 5 & 6, $3149; f.o.b. Casper; net.
Royal Electric Mfg. Co., Chicago, (4) $1588; (5) $405; (6) $1056; f.o.b. Chicago, 1%.
Southern States Equipment Co., Birmingham, Ala., (4) $3004; (5) $971; (6) $2054; f.o.b. Casper; net.
Railway & Industrial Equipment Co., Greensburg, Pa., (4) $3004; (5) $971; (6) $1320; f.o.b. Casper; net.
Electric Engineers Equipment Co., Melrose Park, Ill., (4) $3004; (5) $971; f.o.b. Casper; net.
Hi-Voltage Equipment Co., Cleveland, (4) $3004; (5) $971; f.o.b. Casper; net.
Electric Service Supply Co., Philadelphia, (3) $68.88; f.o.b. Casper; net.
Automatic Switch Co., Detroit, (7) $4640; f.o.b. Detroit; net.
Condit Electric Mfg. Corp., Boston, (7) $6420; 7-alt.) $8360; f.o.b. Boston; net.
Kelman Electric & Mfg. Co., Los Angeles, (7) $4575; f.o.b. Casper; net.
Moloney Transformer Co., St. Louis, Mo.: (1) $20,848; (1-alt.) $21,618; f.o.b. Casper; net.
Standard Transformer Co., Warren, Ohio, (1) $21,600; (1-alt.) $22,221; f.o.b. Warren; net.
Kuhlman Electric Co., Bay City, Mich. (1) $20,848; (1-alt.) $21,809; f.o.b. Casper; net.
R. E. Uptegraff Mfg. Co., Pittsburgh, Pa., (1) $22,220; (1-alt.) $22,271.75 f.o.b. Casper; net.
Wagner Electric Co., St. Louis, (1) $20,106; (1-alt.) $21,006; f.o.b. Casper; net.
Pennsylvania Transformer Co., Pittsburgh, (1) $18,774; (1-alt.) $19,-386; f.o.b. Casper; net.
Allis-Chalmers Mfg. Co., Milwaukee, Wis., (1) $22,773.60; (1-alt.) $24,-121.42; f.o.b. Casper; net.
American Transformer Co., Newark, New Jersey, (1) $20,847.84; 1-alt.) $21,447.84; f.o.b. Casper; net.

Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO — Colson Equipment & Supply Co., 7 Front St., at $341.41 each awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1470, for furnishing nine electric food conveyors for the San Francisco Hospital.

26— RAILROADS

BIDS WANTED

ALAMEDA COUNTY, Cal. — Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for portions of

about 0.7 mile to be graded and paved with asphalt concrete, existing railroad tracks to be removed, and new tracks to be installed on adjacent private right-of-way, in Alameda County, on E-12th Street in Oakland, between 20th Ave. and 29th Ave.

The work involves:

(1) 11,000 cu. yds. roadway excav., unclass;
(2) 85 u. yds. struc. excav.;
(3) 2885 sq. yds. asphalt concrete pavement to be removed;
(4) 792 cu. yds. exist. concrete to be removed;
(5) 2150 lin. ft. girder rail track to be removed.
(6) 3870 lin. ft. T rail track to be removed;
(7) 7000 sq. yds. asphaltic pavement surface to be planed;
(8) 36.5 stations finishing roadway (12th Street);
(9) 633 tons crusher run base;
(10) 1850 tons asphalt concrete;
(11) 10,000 sq. yds. asph. paint binder
(12) 217 cu. yds. Class B Portland cement concrete (track area);
(13) 113 cu. yds. Class A Portland cem. conc. (curbs and gutters);
(14) 18 cu. yds. Class A Portland cement conc. (sidewalks);
(15) 100 lin. ft. 6-in. standard drain tile;
(16) 150 lin. ft. 8-in. perf. metal pipe (underdrains);
(17) 40 cu. yds. rock backfill;
(18) 25 lin. ft. 6-in. vit. clay pipe;
(19) 30 lin. ft. 8-in. vit. clay pipe;
(20) 150 lin. ft. 10-in. vit. clay pipe;
(21) 313 lin. ft. 12-in. vit. clay pipe;
(22) 170 lin. ft. 8-in. CMP;
(23) 80 lin. ft. 12-in. CMP;
(24) 2.2 tons liquid asph. SC-1A;
(25) 1.5 tons liquid asph. SC-2;
(26) 11 MFBM dense, select, structural cedar planking;
(27) 0.3 ton liquid asphalt 90-95;
(28) 4.5 tons screenings;
(29) 132 track feet 141 girder rail;
(30) 6885 track feet 85 T rail;
(31) 4 each turnouts;
(32) 1 only derail;
(33) 4500 tons track ballast;
(34) 2 each catchbasins Tye B;
(35) 7 each catchbasins circle top;
(36) 5 each storm inlets;
(37) 1 only new manhole;
(38) 1 only exist manhole to be adjusted to grade;
(39) 1 only catchbasins to be moved and reconstructed;

NOTE:—The Western Pacific railroad Company will furnish rails, track fastenings, ties and track signs as more explicitly set forth in the special provisions.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. * 26

27—FIRE ALARM SYSTEM

BIDS OPENED

PALO ALTO, Santa Clara Co., Cal. —Lynn & Heffernan, 114 Ashton Ave., San Francisco, at $738.00 submitted low bid to Wm. H. Radcliffe, Supervising Superintendent of Construction Veterans' Administration, Palo Alto, under Bid No. 25-5-2, for the complete removal of one loop of present fire alarm cable system at Veterans' Administration Facility, Palo Alto.

Complete bids follow

Lynn & Heffernan, S. F.	$738
H. F. Haverkamp, S. F.	792
Discount 2% 10 days.	
Geo. F. Brayer, S. F.	866
H. C. Reid, S. F.	826
Electric Communication Co., San Francisco	1,016
American Electric Co., S. F.	1,078
Globe Elec. Works, S. F.	1,100

Bids referred to Washington for award. *

28 — FIRE EQUIPMENT

November 20, 1935

BIDS OPENED

RICHMOND, Contra Costa Co., Cal. —Ten bids, each containing two or three alternates, were received by the Richmond City Council November 18, for furnishing one new pumping engine, complete, with a 150-gal. tank and 500- or 750-gal. pump.

All bids have been referred to the City Manager for investigation as to the respective merits of the types of apparatus offered, and decision will be made December 2. * 28

29— STREETS AND HIGHWAYS

BIDS WANTED

LOS ANGELES CO., Calif. — Until December 12, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.5 miles grading and constructing a timber bridge in Los Angeles County on Somerset Avenue between Spring St. and Hathaway Ave.

The work involves:

(1) 134 stations clearing and grubbing right of way;
(2) 300 M. gals. water;
(3) 29,500 c.y. rdwy. excav., unclass.
(4) 680 c.y. struc. excav.;
(5) 193,000 sta. yds. overhaul;
(6) 134 sta. finishing rdwy.;
(7) 16,000 lbs. bar reinf. steel;
(8) 175 c.y. Class A Portland cement concrete (structures);
(9) 18,600 lbs. steel rail assemblies;
(10) 9,240 lbs. misc. iron and steel;
(11) 950 lbs. struc. metal;
(12) 8 MFBM Douglas fir, treated;
(13) 30.2 MFBM dense, select, all-heart, struc. redwood;
(14) 2 MFBM select, all heart, struc. redwood;
(15) 1,300 l.f. furnishing Douglas fir piles, treated;
(16) 37 each driving piles;
(17) 140 l.f. 18-in. CMP;
(18) 14 each culvert markers.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

FORCE ACCOUNT

NYE COUNTY, Cal. — The Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, has rejected all bids received November 13, for the construction of a portion of the State Highway System in Nye County, Route 4, Section A1, between Tonopah and a point approximately 3 miles east of Tonopah, a length of approximately 3.12 miles. Bids ran high, and the work will be done by force account.

The bids were:

Pacific Const. Co., S. F.	$69,882.60
Isbell Const. Co., Reno	72,859.50
Engineer's estimate	49,560.86

The work involves:

(1) 12 lin. ft. remove culvert pipe
(2) 1 each, remove concrete culvert;
(3) 31,050 cu. yds. roadway excav.;
(4) 33,630 sta. yds. overhaul;
(5) 9610 cu. yds. select borrow;
(6) 290 cu. yds. structure excav.;
(7) 3.12 miles subgrade;
(8) 3.12 mi. finish roadwya;
(9) 11,400 tons croshed gravel or stone surface;
(10) Lump sum, remove rubbish;
(11) 197 cu. yds. Class A concrete;
(12) 33 cu. yds. Class B concrete;
(13) 21,320 lbs. reinforcing steel;
(14) 296 lin. ft. 18-in. CMP;
(15) 338 lin. ft 24-in. CMP;
(16) 38 lin. ft. 30-in. CMP;
(17) 168 lin. ft. 36-in. CMP;
(18) 165 cu. yds. hand laid riprap;
(19) 28 each, mounments;
(20) Force account, adjust water line and meters.

CONTRACT AWARDED

DOUGLAS COUNTY, Nev.—Pacific Const. Co., 334 Stockton Street, San Francisco, at $61,451.31, as previously reported, submitted low bid to Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, and awarded contract Nov. 14, for the construction of a portion of State Highway System in Douglas County between Centerville and Gardnerville, a length of approximately 3.88 miles.

The work involves:

(1) 50 c. y. remove concrete;
(2) 82 l. f. remove culvert pipe;
(3) 12 each, remove concrete culverts;
(4) 2 each, remove trees;
(5) 5453 l. f. remove fence;
(6) 3 each, remove wooden bridges;
(7) 3900 c. y. rdwy. excavation;
(8) 1841 sta. yds. overhaul;
(9) 47,816 c. y. select borrow;
(10) 500 c.y. structure excavation;
(11) 3.86 mile subgrade;
(12) 3.86 miles finish rdwy.;
(13) 12,700 tons crushed gravel or stone surface;
(14) 520 c. y. class A concrete;
(15) 20 c.y. class B concrete;
(16) 43,900 lbs. reinforcing steel;
(17) 498 l. f. 15 in. C M P;
(18) 108 l. f. 18 in. C M P;
(19) 442 l. f. 24 in. C M P;
(20) 5 each, adjust manholes;
(21) 24 each, monuments;
(22) 4959 l.f. reconstruct fence.

Total bids follow:

(A) Pacific Const. Co., San Francisco, $61,451.31.
(B) Isbell Const. Co., Reno, $75,409.90.
(C) Engineer's estimate, $64,760.70.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 5.00	$ 12.50	$ 5.00
(2)	.50	1.70	.75
(3)	30.00	50.00	15.00
(4)	5.00	50.00	10.00
(5)	.03	.03	.02
(6)	100.00	60.00	50.00
(7)	.52	1.10	.60
(8)	.02	.02	.02
(9)	.50	.55	.60
(10)	1.00	3.00	1.00
(11)	100.00	100.00	125.00
(12)	400.00	100.00	500.00
(13)	.60	1.00	.60
(14)	30.00	40.00	30.00
(15)	30.00	40.00	30.00
(16)	.10	.065	.07
(17)	2.50	2.10	2.00
(18)	3.00	2.30	2.50
(19)	3.50	3.05	3.00
(20)	5.00	50.00	10.00
(21)	3.00	4.00	3.00
(22)	.10	.11	.08

CONTRACT AWARDED

LYON COUNTY, Nev.—Pacific Construction Co., 334 Stockton St., San Francisco, at $48,081.34, as previously reported, submitted low bid and was awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City November 14, for the construction of a portion of the State Highway System in Lyon County, Route 3, Section A1, within the city of Yerington, a length of approximately 0.9 mile.

The work involves:

(1) 547 l. f. remove fence;
(2) 122 l. f. remove culvert pipe;
(3) 32 each remove trees;
(4) 4448 c. y. rdwy. excav.;
(5) 2920 c. y. select borrow (pit-run gravel);
(6) 1040 c. y. structure excav.;
(7) 0.90 mile subgrade;
(8) 0.90 mile finish rdwy.;
(9) 2500 c. y. crushed gravel or stone surface;
(10) 550 c. y. class A concrete;
(11) 420 lbs. reinforcing steel;
(12) 260 l. f 8 in. C M P;

(13) 1514 l. f. 12 in. C M P;
(14) 682 l. f. 15 in. C M P;
(15) 1244 l. f. 18 in. C M P;
(16) 547 l. f. reconstruct fence;
(17) 5 each, adjust valve boxes;
(18) 3900 lbs. castings;
(19) 2 each, move gasoline pumps;
(20) 1 each, move scales;
(21) 22 c.y. demolish concrete;
(22) 460 c. y. crushed gravel or stone surface (sidewalks).

Total bids follow:

(A) Pacific Const. Co., San Francisco, $48,081.34.
(B) J. A. Casson, Hayward $50,955.31.
(C) Isbell Const. Co., Reno, $56,502.20.
(D) Engineer's estimate, $46,309.11.

Unit bids follow:

(1)	$ .10	$ .02	$ .10	$ .03
(2)	1.00	1.00	2.00	.75
(3)	10.00	20.00	100.00	15.00
(4)	2.50	2.50	1.60	2.00
(5)	1.50	2.00	1.50	1.50
(6)	1.00	1.50	2.50	1.50
(7)	100.00	300.00	1000.00	250.00
(8)	100.00	300.00	1000.00	100.00
(9)	1.50	1.50	2.00	1.75
(10)	30.00	30.00	30.00	30.00
(11)	.10	.10	.10	.10
(12)	1.00	1.00	2.80	1.50
(13)	1.75	2.00	3.30	1.75
(14)	2.25	2.10	3.80	2.00
(15)	3.00	2.50	4.30	2.50
(16)	.12	.10	.10	.10
(17)	10.00	5.00	25.00	5.00
(18)	.15	.25	.10	.20
(19)	150.00	150.00	50.00	100.00
(20)	250.00	150.00	200.00	50.00
(21)	4.00	5.00	5.00	5.00
(22)	2.20	3.00	2.00	2.00

BIDS REJECTED

WHITE PINE COUNTY, Nev.—The Nevada State Highway Directors, R. A. Allen, State Highway Engineer, Carson City, has rejected the only bid received November 13, that of George French, Jr., P. O. Box 107, Stockton, Calif., at $85,786.85, for the construction of a portion of the State Highway System in White Pine County, Route 38, Section A, bet. Lund and Preston, a length of approximately 5.38 miles.

The work will be readvertised.

CONTRACT AWARDED

SAN FRANCISCO. — E. J. Treacy, 309 Call Bldg., at $1,232.80 awarded contract by the Department of Public Works under Spec. No. 18,830, for the improvement of Blanche Street between Elizabeth and 23rd Streets.

BIDS OPENED

VALLEJO, Solano Co., Cal.—Louis Tagnon, 1735 Napa St., Vallejo, at $2408.60 submitted low bid to the Vallejo City Council for paving one block on Packard Alley, from Transport St. to Santa Clara St.

The work involves:

(1) 236 cu. yds. grading;
(2) 800 lin. ft. redwood curbs;
(3) 6400 sq. ft. concrete pavement, 5-in. thick;
(4) 180 lin. ft. 6-in. clay pipe sewer;
(5) 2 manholes;
(6) 1 storm water inlet;
(7) 10 sq. ft. restore sidewalk;
(8) 34 sq. ft. restore pavement.

Total bids follow:

(A) Louis Tagnon, Vallejo, $2408.60.
(B) Henry Grimoldi, Napa, $2492.
(C) J. K. Moore Co., Inc., Vallejo $2589.10.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.40	$ 1.50	$ 1.25
(2)	.30	.30	.30
(3)	.20	.195	.22
(4)	1.25	2.25	1.50
(5)	100.00	75.00	120.00
(6)	120.00	75.00	120.00
(7)	.30	.30	.25
(8)	.30	.50	.40

Bids referred to City Engineer, T. D. Kilkenny.

BIDS WANTED

SONOMA COUNTY, Cal.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.8 miles of grading and surfacing with crusher run base and bituminous macadam in Sonoma County between Stony Point Road and Cotati.

The work involves:

(1) Clearing and grubbing right of way;
(2) 200 M. gals. water;
(3) 36,500 c.y. rdwy. ecav., unclass.;
(4) 400 c.y. ditch excavation;
(5) 850,000 sta. yds. overhaul;
(6) 2,100 c.y. struc. excav.;
(7) 95 sta. finishing rdwy.;
(8) 60 c.y. existing concrete to be removed and disposed of;
(9) 6,500 tons crusher run base;
(10) 3,150 tons broken stone (bituminous macadam);
(11) 140 tons liquid asphalt 90-95 (dol
(12) 50 tons liquid asphalt SC-1A (shoulders);
(13) 750 c.y. Class A Portland cement concrete (struc.);
(14) 79,000 lbs. bar reinf. steel;
(15) 170 l.f. 12-in. CMP;
(16) 1,140 l.f. 18-in. CMP;
(17) 50 l.f. 36-in. CMP;
(18) 800 l.f. 8-in. perf. metal pipe;
(19) 140 c.y. rock filling materials (underdrains);
(20) 76 each culvert markers;
(21) 1.2 miles barbed wire fence;
(22) 2.1 miles woven wire fence;
(23) 16 each fence gates;
(24) 28 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until December 5, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk, for the improvement of Eighth Street between Fallon St. and Cypress St. Estimated cost, $55,000.

The work involves

(1) 121,680 sq.ft. grading;
(2) 11,833 l.f. concrete curb;
(3) 3,526 l.f. existing granite curb to be reset;
(4) 98,196 sq.ft. concrete pavement;
(5) 1,300 tons asphaltic concrete mixture;
(6) 5,220 sq.ft. concrete driveways;
(7) 8,025 sq.ft. cement sidewalks;
(8) 12 storm water inlets, Type B;
(9) 14 catch basins, Type B;
(10) 4 manholes;
(11) 190 l.f. 10-in. vitrified pipe sewer;
(12) 6 wye branches;
(13) 198 l.f. 10-in. vitrified pipe conduit;
(14) 315 l.f. 12-in. vitrified pipe conduit;
(15) 51 l.f. 8-in. x 24-in. corrugated iron and concrete culvert;
(16) 1 handhole;
(17) 12 existing catch basins to be reconstructed.

Plans and specifications obtainable at the office of City Engineer Walter Frickstad, upon deposit of $5.

The PWA has allotted a grant of 45% of the total estimated cost.

BIDS WANTED

SACRAMENTO CO., Cal.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 16.4 miles grading, widening existing pavement with crusher run base, and resurfacing portions with plant-mixed surfacing in Sacramento County between Walnut Grove and Freeport.

The work involves:

(1) 1,000 M. gals. water;
(2) 9,000 c.y. rdwy. excav., unclass.;
(3) 23,300 c.y. imported borrow;
(4) 85 c.y. struc. excav.;
(5) 221 stations scarifying, spreading and compacting exist. border
(6) 870 stations finishing rdwy.;
(7) 16,200 tons crusher run base;
(8) 10,700 tons mineral aggregate (plant mixed surfacing);
(9) 510 tons liquid asphalt MC-5 or extra heavy (plant mixed surf.)
(10) 47 tons liquid asphalt MC-3 seal coat (plant mixed surf.);
(11) 640 tons screenings or coarse sand (penetration oil treatment and seal coat, plant mixed surf.)
(12) 70 tons liquid asphalt SC-1A (penetration oil treatment);
(13) 43 tons liquid asphalt 90-95 Class B (seal coat and armor coat);
(14) 510 tons screenings Class B (do);
(15) 71,500 sq. yds. asphaltic paint binder;
(16) 7.5 c.y. Class A Portland cement concrete (struc.);
(17) 45 c.y. Class A Portland cement concrete (curbs and gutters);
(18) 1,850 lbs. bar reinf. steel;
(19) 36 l.f. 12-in. CMP;
(20) 1 headwall removed and reset;
(21) 16 l.f. existing CMP cleaned and relaid;
(22) 8 l.f. 16-in. vit. clay pipe;
(23) 5,540 l.f. laminated guard railing;
(24) 1,010 l.f. existing guard railing removed and salvaged;
(25) 4 each culvert markers;
(26) 356 each guide posts;
(27) 133 each existing guide posts to be removed and salvaged.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

DENVER, Colorado—Until December 5, 2 p.m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 749-D, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Casper, Wyoming; Ontario, Oregon, and Yuma, Arizona; one ¾ c.y., one ½ c.y., and one ⅜ c.y. dragline excavators; three ⅜ c.y. power shovels; and one ¾ c.y., two ½ c.y., and one ⅜ c.y. dragline buckets for the Casper-Alcova Project, Wyoming; Owyhee Project, Oregon-Idaho; and the All-American Canal System, Boulder Canyon Project, California.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.50 not returnable.

BIDS WANTED

SAN BENITO COUNTY, Cal.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 3.1 mi. of grading and surfacing with road-mix surfacing on selected material base and constructing a timber bridge in San Benito County, between Bear Valley and one mile north of Willow Creek.

The work involves:

(1) 165 stations clearing and grubbing right of way;
(2) 220 M. gals. water;
(3) 145,000 c.y. rdwy. excav., unclass.
(4) 480,000 sta. yds. overhaul;
(5) 2,050 c.y. struc. excav.;
(6) 2,100 c.y. ditch and channel excavation;
(7) 165 sta. finishing rdwy.;
(8) 2,500 c.y. selected material base;
(9) 3,800 c.y. mineral aggregate (road mix surf.);
(10) 370 tons liquid asphalt SC-2 (do);
(11) 35 tons liquid asphalt SC-2 (prime coat);
(12) 26 tons liquid asphalt SC-2 (seal coat);
(13) 100 c.y. rubble masonry;
(14) 254 l.f. 8-in. CMP;

(15) 1,182 l.f. 18-in. CMP;
(16) 286 l.f. 24-in. CMP;
(17) 80 l.f. 30-in. CMP;
(18) 166 l.f. 30-in. CMP, 12 gauge;
(19) 266 l.f. 36-in. CMP;
(20) 188 l.f. 48-in. CMP, 3 gauge;
(21) 60 l.f. 90-inch multi-plate CMP (512-18);
(22) 5 c.y. Class A Portland cement concrete culvert paving;
(23) 13 each spillway assemblies;
(24) 700 l.f. laminated guard railing;
(25) 35 each culvert markers;
(26) 322 each guide posts;
(27) 3.5 miles new property fence;
(28) 12 each drive gates;
(29) 400 l.f. bank protection fence;
(30) 2,000 sq. yds. paved gutters and inlet aprons;
(31) 74 each monuments;
(32) 25 c.y. Class A Portland cement concrete (deck slab);
(33) 23 c.y. Class B do (pedestals);
(34) 6,000 lbs. bar reinf. steel;
(35) 13 MFBM redwood timber, dense, select, all heart struc. grade;
(36) 19 MFBM redwood timber, select, all heart struc. grade.

Plans and specifications obtainable from the office of the State Highway and on file at the office of the District Engineer in San Francisco, Los Angeles and San Luis Obispo.

BIDS WANTED

VENTURA COUNTY, Calif.—Until December 12, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 5.9 miles grading and surfacing with plant - mixed surfacing in Ventura County between Somis and Saticoy.

The work involves:
(1) 314 stations clearing & grubbing right of way;
(2) 500 M. gals. water;
(3) 22,000 c.y. rdwy. excav., unclass.
(4) 600 c.y. struc. excav.;
(5) 130 c.y. ditch and channel excavation;
(6) 1,210,000 sta. yds. overhaul;
(7) 314 stations finishing rdwy.;
(8) 6,300 tons mineral aggregate (plant-mixed surfacing);
(9) 300 tons liquid asphalt MC-5 or MC-Extra Heavy (plant - mixed surfacing);
(10) 16 tons liquid asph. MC-2 (prime coat, plant-mixed surfacing);
(11) 31,000 sq. yds. asph. paint binder
(12) 250 c.y. Class A Portland cement concrete (struc.);
(13) 24,000 lbs. bar reinf. steel;
(14) 40 c.y. Portland cement mortar;
(15) 100 l.f. 125x69.5-inch multi-plate CM arch;
(16) 130 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 44 l.f. 30-in. CMP;
(19) 208 l.f. laminated guard railing;
(20) 38 each culvert markers;
(21) 140 each guide posts;
(22) 134 c.y. removing and disposing of concrete.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

IMPERIAL COUNTY, Calif.—Until December 13, 2 p.m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 9.8 miles grading, surfacing with gravel and road-mix surface treatment applied thereto; and a timber bridge and structure to be constructed, in Imperial County, between 3 miles east of Imperial and half mile east of Brawley.

The work involves:
(1) Stas. clearing and grubbing right of way;
(2) 1,030 M gals. water;
(3) 3,800 cu.yds. roadway excav. unclassified;
(4) 225 cu.yds. struc. excav.;
(5) 14,000 cu.yds. imported borrow;
(6) 515 stas. finishing roadway;
(7) 8,000 cu.yds. gravel surfacing;
(8) 730 tons liq. asphalt SC-2);
(9) 114,400 sq. yds. preparing, mixing, and shaping roadbed;
(10) 500 lbs. bar reinf. steel;
(11) 15 cu.yds. class A Portable cem.-concrete (structures);
(12) 126 lin.ft. 18-in. in CMP;
(13) 48 lin.ft. 36-in. CMP;
(14) 64 lin.ft. 24-in. cMP (Siphons);
(15) 40 each culvert markers;
(16) 62 each monuments;
(17) 2 miles fence moved and reset;
(18) 15.4 MFBM Redwood timber, dense, select, all heart, structural grade;
(19) 7 MFBM Redwood timber, select, all heart, structural grade;
(20) 1,100 lin.ft. furnishing treated Douglas fir piles;
(21) 48 each driving timber piles;
(22) 1 removing exist. timber bridge.

Plans and specifications obtainable from the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at th office of the District Engineer in San Francisco, Los Angeles, and San Diego. *

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until December 12, 2 p.m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 4.7 miles grading and applying road-mix surface treatment in San Bernardino County between westerly boundary and Route 59.

The work involves:
(1) 39 acres clearing and grubbing right of way;
(2) 6 630 M gals. water;
(3) 221,000 cu.yds roadway excav. unclass
(4) 310,000 sta. yds. overhaul;
(5) 9,100 cu.yds. struc. excav.!
(6) Sta. finishing roadway;
(7) 590 tons liq. asphalt SC-2;
(8) 57,400 sq.yds. preparingl mixing, and shaping roadbed;
(9) 61 tons liq. asphalt 90-95 (seal coat);
(10) 720 tons screenings (seal coat);
(11) 620 cu.yds. class A Portland cement concrete (struca.);
(12) 6 cu.yds. class F Portland cement concrete (railing);
(13) 87,200 lbs. bar reinf. steel (struca.);
(14) 3,300 lbs. structural steel;
(15) 42 cu. yds. rubble masonry;
(16) 422 lin.ft. 8-in. CMP;
(17) 2,052 lin.ft. 24-in. CMP;
(18) 184 lin.ft. 36-in. CMP;
(19) 17 each spillway assemblies;
(20) 64 lin.ft. existing CMP removed and salvaged;
(21) 427 lin.ft. lam. guard railing;
(22) 87 each culvert markers;
(23) 710 each guide posts;
(24) each monuments complete in place.

Plans and specifications obtainable at the office of the State Highway Engineer, P.O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino. *

BIDS WANTED

PLACER COUNTY, Cal.—Until Dec. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.5 miles grading, a portion to be surfaced with crusher run base, and seal coat applied, in Placer County at various locations between Lincoln and Newcastle.

The work involves:
(1) 77 stations clearing and grubbing right of way;
(2) 216 M. gals. water;
(2) 25,200 c.y. rdwy. excav., unclass.;
(4) 1,200 c.y. struc. excav.;
(5) 350 c.y. ditch and channel excav.
(6) 110,000 sta. yds. overhaul;
(7) 77 stations finishing rdwy.;
(8) 980 tons crusher run base;
(9) 5 tons liquid asph. SC-1A (prime coat);
(10) 18 tons sand (prime coat);
(11) 3.5 tons liquid asph. 90-95 (seal coat);
(12) 41 tons fine screenings (seal coat)
(13) 5,000 lbs. bar reinf. steel;
(14) 66 c.y. Class A Portland cement concrete (struc.);
(15) 46 l.f. 8-in. CMP;
(16) 132 l.f. 12-in. CMP;
(17) 762 l.f. 18-in. CMP;
(18) 176 l.f. 24-in. CMP;
(19) 38 l.f. 30-in. CMP;
(20) 42 l.f. 36-in. CMP;
(21) 102 l.f. 18-in. CMP (siphon);
(22) 84 l.f. exist. CMP culverts to be removed, cleaned and salvaged;
(23) 1 each culvert headwall to be removed and reset;
(24) 1 each spillway assembly;
(25) 1 each 8-in. slide headgate;
(26) 1 each 24-in. do;
(27) 1 each cast steel frame and cover for drop inlet;
(28) 90 l.f. laminated guard railing;
(29) 34 each culvert markers;
(30) 64 each guide posts;
(31) 0.55 mile stand. property fence;
(32) 0.6 mile special property fence;
(33) 6 each driving gates;
(34) 1.2 miles moving and resetting existing property fences;
(35) 21 c.y. existing concrete to be removed and disposed of;
(36) 42 each monuments complete in place.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville.

BIDS WANTED

ORANGE COUNTY, Cal.—Until December 13, 2 P. M., bids will be received by the State Highway Engineer, State Building, Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete in Orange County, south Main Street in Santa Ana, between Delhi Road and Fairview Avenue.

The work involves:
(1) 68 stations clearing and grubbing right of way;
(2) 50 M. gals. water;
(3) 4,000 c.y. rdwy. excav.;
(4) 900 c.y. struc. excav.;
(5) 4,728 sq. yds. preparing subgrade
(6) 68 stations finishing rdwy.;
(7) 810 c.y. Class A Portland cement concrete (pavement);
(8) 4,000 lbs. bar reinf. steel;
(9) 1,850 each pavement dowels;
(10) 30 c.y. Class A Portland cement concrete (struc.);
(11) 200 lbs. misc. iron and steel;
(12) 800 c.y. Class A Portland cement concrete (curbs and sidewalks);
(13) 420 l.f. curb armor;
(14) 5 l.f. pipe hand rail;
(15) 780 c.y. removing exist. concrete;
(16) 25 each move and reset ornamental light standards;
(17) 3,000 l.f. moving and replacing existing lighting conduit and cable;
(18) 470 l.f. 1½-in. conduit;
(19) 1,000 l.f. cable;
(20) 610 l.f. 4-in. vit. clay pipe.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

BIDS WANTED

ORANGE COUNTY, Cal.—Until December 13, 2 P. M., bids will be received by the State Highway Engineer, State Building, Los Angeles, for about 0.4 mile widening and paving

with asphalt concrete in Orange County in the City of Orange, Chapman Ave. and Glassell St., adjacent to the Plaza.

The work involves:
(1) 16 M. gals. water;
(2) 200 c.y. rdwy. excav., unclass.;
(3) 490 c.y. struc. excav.;
(4) 1,530 s.q yds. subgrade for pave.;
(5) 20 stations finishing rdwy.;
(6) 1,680 tons ashpalt concrete (base and leveling course);
(7) 1,280 tons do (Type B surface course);
(8) 13,700 sq. yds. asph. paint binder;
(9) 12 c.y. Class A Portland cement concrete (struc.);
(10) 800 lbs. bar reinf. steel;
(11) 1,800 lbs. misc. iron and steel;
(12) 604 l.f. 14-in. standard reinforced concrete pipe;
(13) 8 l.f. 16-in. do;
(14) 22 l.f. 21-in. do;
(15) 250 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks and driveways);
(16) 540 l.f. curb armor;
(17) 1,130 c.y. remove asphalt. conc.;
(18) 340 c.y. remove Portland cement concrete;
(19) 22 ea. moving and resetting light standards;
(20) 1 each moving and resetting tree
(21) 4 each salvaging and resetting frames and covers.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

CONTRACT AWARDED

KLICKITAT County, Wash.—J. C. Papin, Carson, at $10,569 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for grading about 1 mile of county road, White Salmon to Husum.

J. C. Wachter, Stevenson, at $11,306 submitted second low bid; and Carl Nyberg, Spokane, at $12,388 submitted third low bid.

LOW BIDDER

INYO COUNTY, Cal.—Basich Bros., 20550 Normandie Terrace, at $9,854.50 submitted low bid to Department of Public Works, Division of Highways, S. W. Bowden, District Engineer, Bishop, for grading 7.3 miles of the state highway in Inyo County, between Death Valley Junction and the California-Nevada State Line.

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until December 6, 8 p.m., bids will be received by the Oakland City Council, W. W. Chappell, City Clerk for the improvement of Grove Street between First and San Pablo. Estimated cost, $32,500.

The work involves:
(1) 66,537 sq.ft. grading;
(2) 4,820 l.f. concrete curb;
(3) 3,223 l.f. existing curb to be reset;
(4) 50,528 sq.ft. concrete pavement;
(5) 1,617 tons asphalt concrete mixture;
(6) 2,525 sq.ft. concrete driveways;
(7) 7,645 sq.ft. cement sidewalk;
(8) 17 storm water inlets, Type B;
(9) 4 catch basins, Type B;
(10) 3 manholes;
(11) 272 l.f. 10 in. vitrified pipe sewer;
(12) 173 l.f. 12-in. vitrified pipe sewer;
(13) 17 existing catch basins to be reconstructed.

Plans and specifications obtainable from the office of City Engineer Walter Frickstad, upon deposit of $5.

The PWA has allotted a grant of 45% of the total estimated cost.

CONTRACT AWARDED

PIMA COUNTY, Ariz.—Borderland Const. Co., Tucson, at $142,410 was awarded contract Nov. 18 by the Arizona State Highway Commission at Phoenix, for highway construction on the Ajo-Tucson Highway, WPSO 110-C, AFE 623.

The work, which is to begin about 15.9 miles west of the Tucson-San Xavier Mission Road junction and is to extend westerly about 8.7 miles, consists of grading and draining and the furnishing and placing of ABC and SC-2 Plant Mix, and is to be completed on or before July 31, 1936.

The principal items and approximate quantities are:
29,500 c.y. drainage excavation;
1,800 c.y. struc. excavation;
41,000 c.y. borrow excavation;
28,300 c.y. imported borrow;
19,200 c.y. mi. imported borrow haul;
8,600 c.y. aggregate base course;
34,800 c.y. mi. ABC haul;
671 c.y. concrete;
59,100 lbs. reinf. steel;
620 l.f. rail bank protection;
9,600tons plant mix ;
382 tons road oil (SC-2);
193 ton emulsified asphalt, Class A;
684 c.y. screenings;
161 MBM treated timber;
10 MBM untreated timber;
1,760 l.f. treated timber piles;
984 l.f. treat. piling in timber bents.

ALTERNATE

182 MBM redwood timber.

Ken Hodgman, Pasadena, Calif., submitted the second low bid at $162,948.00.

The bids were opened Nov. 14.

BIDS WANTED

STANISLAUS COUNTY, Cal.—Until December 10, 2 p.m., bids will be received by the State Highway Commission, Sacramento, for about 3.1 miles grading, applying road-mix surface treatment, and constructing a bridge, in Stanislaus County, between River Road and 2 miles west of Cates Road.

The work involves:
(1) 1150 M. gals. water;
(2) 9000 u. yds. roadway excavation unclass.;
(3) 499 cu. yds. ditch and channel excavation;
(4) 56,000 cu. yds. imported borrow;
(5) 1920 cu. yds. struc. excav.;
(6) 90 sta. preparing exist. rdwy.;
(7) 146 sta. finishing roadway;
(8) 34 tons liquid asphalt SC-2 (prime coat);
(9) 404 tons liquid asphalt SC-4;
(10) 32,700 sq. yds. preparing, mixing, and shaping roadbed;
(11) 560 cu. yds. Class A Portland cement conc. (pavement);
(12) 660 cu. yds. Class A Portland cement concrete (struc.);
(13) 270 cu. yds. Class A Portland cement conc. (footing blocks);
(14) 172,000 lbs. bar reinf. steel;
(15) 342,000 lbs. structural steel;
(16) 4160 lbs. cast steel;
(17) 360 MFBM treated Douglas fir timber;
(18) 26 MFBM Redwood timber, dense, select, all heart structural grade
(19) 3044 lin. ft. furnishing untreated Douglas fir piles, includ. test piles;
(20) 23,000 lin. ft. furnishing treated Douglas fir piles, including test piles;
(21) 445 each driving Douglas fir piles, including test piles;
(22) 40 lin. ft. 18-in. CMP;
(23) 82 lin. ft. 24-in. CMP;
(24) 370 lin. ft. 36-in. CMP (siphons);
(25) 24 each concrete joints (pipe siphons);
(26) 104 each guide posts;
(27) 2.1 miles new property fences;
(28) 4 each drive gates;
(29) 42 each monuments complete in place;
(30) 1 lot misc. bridge items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton. *

BIDS WANTED

SAN BERNARDINO COUNTY, Cal.—Until December 13, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.7 miles of grading and treating with liquid asphalt and constructing a timber pile trestle, in San Bernardino County, between the Los Angeles County line and Pipe Line Ave.

The work involves:
(1) 1,660 M. gals. water;
(2) 57,400 c.y. rdwy. excav.;
(3) 710 c.y. struc. excav.;
(4) 20,400 c.y. imported selected material;
(5) 1,100,000 sta. yds. overhaul;
(6) 142 stations finishing rdwy.;
(7) 363 tons liquid asphalt SC-2 (road mix surface treatment);
(8) 35,300 sq. yds. preparing, mixing and shaping roadbed;
(9) 37 tons liquid asphalt 90-95 (seal coat);
(10) 441 tons screenings (seal coat);
(11) 54 MFBM dense, select, all-heart structural redwood;
(12) 20 MFBM select, all heart, structural redwood;
(13) 4,000 l.f. furnishing Douglas fir piles (treated);
(14) 136 each driving piles;
(15) 30 l.f. 18-in. CMP;
(16) 776 l.f. 24-in. CMP;
(17) 114 l.f. 30-in. CMP;
(18) 146 l.f. 36-in. CMP;
(19) 51 l.f. remove and salvage pipe culverts;
(20) 500 l.f. laminated guard railing;
(21) 32 each culvert markers;
(22) 125 each guide posts;
(23) 4.4 miles new property fence;
(24) 53 each monuments.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento Engineer, P. O. Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and San Bernardino.

BIDS WANTED

BUTTE COUNTY, Cal.—Until December 10, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 2.9 miles grading and surfacing with untreated crushed gravel or stone in Butte County, between 3.4 miles east of Butte Creek and Cherokee Canal.

The work involves:
(1) 145 M. gals. water;
(2) 1300 cu. yds. imported borrow;
(3) 4900 tons untreated crushed gravel or stone surfacing;
(4) 225 tons untreated crushed gravel or stone stockpiles;
(5) 32 tons liquid asphalt SC-2;
(6) 190 tons sand.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O Box 1499, Sacramento and on file at the office of the District Engineer in San Francisco, Los Angeles and Marysville. *

CONTRACT AWARDED

SOLANO AND NAPA COUNTIES, Cal.—Hanrahan - Wilcox Corp., 814 Hobart Bldg., San Francisco, at $434,428.79 awarded contract by the State Highway Commission, Sacramento, for about 11.2 miles grading and paving with Portland cement concrete in Solano and Napa Counties, between one mile north of Carquinez Bridge and Cordelia.

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Burrell Bldg., San Jose, at $34,759.55 submitted low bid to the San Jose City Council, John J. Lynch, City Clerk, for paving and resurfacing 13th St., between Santa Clara Street and Rosa Street. Work will be financed by State gasoline tax funds.

The work involves:

(1) 60 lin. ft. curb;
(2) 3646 tons 1½-in. asphalt concrete wearing surface;
(3) 3514 tons 1- to 4-in. asphalt concrete leveling course;
(4) 2876 cu. ft. Portland cement driveways;
(5) 4000 gals. emulsified asph., primer coat;
(6) 8 Portland cement inlets with 17-in. cast iron grates;
(7) 200 lin. ft 8-in. vitrified storm water drains;
(8) 12,000 sq. ft. installed concrete wearing surface, to be removed;
(9) 1200 sq. ft. existing asphalt concrete surface to be finished with a non-skid coating.

Total bids follow:

(A) A. J. Raisch, San Jose, $34,759.55
(B) Union Paving Co., San Francisco, $35,112.65.

Unit bids follow:

	(A)	(B)
(1)	$ 1.00	$ .75
(2)	4.85	5.00
(3)	4.30	4.10
(4)	.25	.27
(5)	.10	.12
(6)	40.00	50.00
(7)	.60	1.00
(8)	.03	.05
(9)	.03	.02

Bids referred to the State Highway Commission, Sacramento.

BIDS WANTED

CALAVERAS COUNTY, Cal.—Until December 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 1.8 mi. grading and constructing a reinforced concrete bridge in Calaveras County between the South Fork of Mokelumne River and Herbert's Ranch.

The work involves:

(1) 96 stations clearing and grubbing right of way;
(2) 50,000 c.y. rdwy. excvav., unclass.
(3) 10,000 sta. yds. overhaul;
(4) 1,500 c.y. ditch excav.;
(5) 1,710 c.y. struc. excav.;
(6) 96 stations finishing rdwy.;
(7) 400 c.y. Class A Portland cement concrete (struc.);
(8) 130 c.y. Class B Portland cement concrete (struc.);
(9) 70,500 lbs. bar reinf. steel;
(10) 750 lbs. cast steel;
(11) 280 lbs. bronze expansion plates;
(12) 330 c.y. dry rubble;
(13) 1,024 l.f. 18-in. CMP
(14) 208 l.f. 24-in. CMP;
(15) 80 l.f. 36-in. CMP;
(16) 32 l.f. existing CMP culverts to be removed, cleaned and salvaged;
(17) 290 l.f. timber hand rail.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Stockton.

BIDS OPENED

GRANT COUNTY, Ore.—E. Hefty and Edlefsen-Weygandt Co., N. Peninsular and Columbia Blvd., Portland, at $42,541 submitted low bid to the Oregon State Highway Commission, Portland, November 7, for 11.05 miles resurfacing and oil mat surface treatment on Branson Creek-Rock Creek Section of the John Day Highway.

Oregon Contracting Co., and Theo. Arenz, Portland, at $43,723 submitted second low bid.

Third low bid was submitted by J. C. Compton, Saxton & Looney and F. C. Dillard, Portland, at $47,419.

CONTRACT AWARDED

MONTEREY CO., Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $29,316.25 awarded contract by the State Highway Commission at Sacramento, for about 0.2 mile grading and surfacing with crusher run base and natural rock asphalt surfacing in Monterey County, across Thompson Gulch, about three miles north of King City.

MONTEREY COUNTY—1.8 Mi. Grade and Surface—State

MONTEREY COUNTY, Cal.—Granfield-Farrar & Carlin, 67 Hoff Street, San Francisco, at $77,586.60 submitted low bid to the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with bituminous treated screened river gravel, road mix-method, in Monterey Co. between 3 miles north of Big Sur and Molera's Ranch.

The work involves:

(1) 93 stations clearing and grubbing right of way;
(2) 69 each removing and grubbing trees, size 1;
(3) 44 each removing and grubbing trees, size 2;
(4) 13 each each removing and grubbing trees, size 3;
(5) 7 each removing and grubbing trees, size 4;
(6) 23 each removing trees, size 1;
(7) 14 each removing trees, size 2;
(8) 11 each removing trees, size 3;
(9) 2 each removing trees, size 4;
(10) 123,000 cu. yds. rdwy. excav. unclass.;
(11) 100,000 station yds. overhaul;
(12) 2560 cu. yds. struc. excav.;
(13) 650 cu. yds. ditch and channel excav;
(14) 93 stations finishing rdwy.;
(15) 500 cu. yds. gravel base.;
(16) 2300 cu. yds. gravel surfacing;
(17) 215 tons liquid asphalt SC-2;
(18) 21 tons liquid asphalt SC-2 (prime coat);
(19) 14 tons liquid asphalt SC-2 (seal coat;
(20) 95 cu. yds. sand (seal coat);
(21) 4 MFBM Redwood timber, dense, select ,all heart, structural grade;
(22) 35 MFBM Redwood timber, select, all heart, structural grade;
(23) 52 cu. yds. rubble masonry;
(24) 428 lin. ft. 8 in. C M P;
(25) 434 lin. ft. 18 in. C M P;
(26) 386 lin. ft. 24 in. C M P;
(27) 462 lin. ft. 36 in. C M P;
(28) 84 lin. ft. 48 in. C M P;
(29) 82 lin. ft. 66 in. C M P;
(30) 132 lin. ft. 66 in. C M P, 8 gauge;
(31) 400 lin. ft. 8-in. Perf. metal pipe (underdrains);
(32) 90 cu. yds. rock filling material;
(33) 34 lin. ft. exist. C M P culverts to be removed, cleaned and relaid;
(34) 18 each spillway assemblies;
(35) 214 each rough hewn timber guide posts;
(36) 1200 lin. ft. rough hewn timber guard rail;
(37) 47 each rough hewn culvert markers;
(38) 21 each move and reset guide posts;
(39) 3.5 miles property fences;
(40) 10 each fence gates;
(41) 20 each monuments complete in place.

Total bids follow:

(A) Granfield-Farrar & Carlin, San Francisco, $77,586.60.
(B) Peninsula Paving Co. San Francisco, $79,602.60.
(C) J. L. Conner, Monterey, $88,684.05.
(D) George J. Bock Co., Los Angeles, $88,888.60.
(E) Force Const. Co. and W. A. Kettlewell, Oakland, $91,146.10.
(F) George Pollock Co., Sacramento $95,666.54.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 85.00	$ 25.00	$ 35.00	$ 30.00	$ 70.00	$ .10
(2)	10.00	9.00	25.00	14.00	8.00	10.00
(3)	15.00	15.00	55.00	22.00	22.00	20.00
(4)	40.00	21.00	100.00	40.00	50.00	30.00
(5)	75.00	30.00	160.00	75.00	75.00	50.00
(6)	8.00	5.00	20.00	10.00	5.00	7.00
(7)	15.00	10.00	40.00	15.00	16.00	15.00
(8)	30.00	15.00	60.00	35.00	40.00	20.00
(9)	60.00	26.00	100.00	65.00	60.00	30.00
(10)	.285	.31	.34	.38	.36	.49
(11)	.01	.01	.01	.01	.02	.01
(12)	1.50	1.00	1.00	1.00	1.00	1.00
(13)	.50	1.00	1.00	.60	1.50	1.00
(14)	8.00	6.50	8.00	5.00	10.00	10.00
(15)	1.00	2.20	2.00	2.25	2.00	2.50
(16)	1.50	3.15	2.50	2.35	2.50	2.35
(17)	15.00	15.00	20.00	13.00	18.00	16.00
(18)	15.00	15.00	15.00	13.00	18.00	16.00
(19)	15.00	15.00	15.00	13.00	18.00	25.00
(20)	3.00	4.00	3.00	3.00	3.00	3.00
(21)	90.00	100.00	100.00	100.00	90.00	90.00
(22)	80.00	90.00	90.00	95.00	85.00	80.00
(23)	12.00	14.00	15.00	15.00	15.00	15.00
(24)	1.00	1.00	1.00	1.10	.90	.95
(25)	1.80	1.80	1.70	2.25	1.60	1.50
(26)	2.65	3.00	2.50	3.30	2.50	2.10
(27)	5.00	5.50	5.00	7.20	5.00	4.10
(28)	7.50	9.00	8.00	9.15	7.50	7.20
(29)	13.50	15.00	14.00	19.00	13.00	11.25
(30)	15.50	18.00	16.00	20.00	15.00	13.12
(31)	.95	1.00	1.10	1.10	2.00	.95
(32)	3.00	4.00	2.50	3.00	4.00	3.00
(33)	1.00	.35	.75	1.00	1.00	1.00
(34)	14.00	13.00	15.00	20.00	15.00	15.00
(35)	2.00	2.00	1.25	2.00	1.50	2.00
(36)	1.00	.90	1.00	.90	.70	1.00
(37)	2.00	2.00	1.25	2.00	1.50	2.00
(38)	1.50	1.00	.50	1.50	1.00	2.00
(39)	700.00	900.00	800.00	800.00	1000.00	400.00
(40)	20.00	24.00	30.00	30.00	35.00	15.00
(41)	3.00	3.25	3.00	3.00	3.00	4.00

November 20, 1935

COMPLETE BID LISTING

ARIZONA State Highway (Phoenix-Yuma Highway)—Tiffany Const. Co., Flagstaff, at $38,115 submitted the low bid to the Arizona State Highway Commission, Phoenix, Nov. 8, as previously reported, for construction of 1½ miles of new alignment on the Phoenix - Yuma Highway (Mohawk Line change) FA 55, 2nd Reop., AFE 8040, including grading, draining, aggregate base course and SC-2 road mix located near the town of Mohawk.

The principal items and approximate quantities are:

16,700 c.y. rdwy. excav.;
2,000 c.y. slides and overbreakage;
289 c.y. Class A concrete;
23,400 lbs. reinf. steel;
720 l.f. CM pipe (3 sizes);
4,100 c.y. aggregate base course;
1,700 c.y. mineral aggregate;
23,000gals. road oil;
1¼ miles processing road mix.

Total bids follow:

(A) Tiffany Const. Co., Flagstaff $38,-115.48.
(B) N. G. Hill & Co., Phoenix, $39,-285.25.
(C) H. J. Hagen, Globe, Ariz., $39,-371.06.
(D) All - Arizona Engr. Const. Co., Clifton, Ariz., $39,907.37.
(E) Martin Bros. Trucking Co., Long Beach, $41,658.62.

CONTRACT AWARDED

NAVAJO and Apache Cos., Ariz.—R. C. Tanner Co., Phoenix, at $102,-847 was awarded contract Nov. 18 by the Arizona State Highway Commission, Phoenix, for highway construction on the Holbrook-St. Johns Highway, FA 78-G, AFE 2654.

The work, which is to begin at the south boundary of the Petrified Forest National Monument and extends southeasterly about 6.3 miles, consists of grading, draining, aggregate base course and dust palliative (SC-2 road oil), and is to be completed on or before April 30, 1936.

The principal items and approximate quantities are:

29,500 c. y. rdwy. excav.;
35,700 c. y. drainage excav.;
1200 c. y. structural excav.;
43,300 c. y. imported borrow;
48,100 c. y. ml. imported borrow haul;
10,100 c. y. agregate base course (CIP);
759 c. y. class A concrete;
72,700 lbs. reinf. steel;
700 l. f. C M pipe (3 sizes);
56,000 l. f. line fence;
1300 M gals. sprinkling;
350 hours rolling;
61 MBM treated timber;
4 MBM untreated timber;
1940 l. f. treated timber piles;
66,800 gals. road oil, SC-2.

Tiffany Const. Co. submitted the second bid at $103,440.

BIDS WANTED

MODOC COUNTY, Cal.—Until Dec. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 11.8 miles grading and applying penetration oil treatment in Modoc County between 2½ miles west of Cedarville and Nevada State Line.

The work involves:

(1) 13 acres clearing and grubbing right of way;
(2) 800 M. gals. water;
(3) 139,000 c.y. rdwy. excav., unclass.
(4) 77,000 sta. yds. overhaul;
(5) 600 c.y. ditch and channel excav.
(6) 1,200 c.y. struc. excav.;
(7) 4,300 c.y. imported borrow;
(8) 2,500 c.y. imported selected material;
(9) 1.8 miles scarifying and reshaping existing roadbed;
(10) 623 sta. finishing rdwy.;
(11) 282 tons liquid asphalt SC-2 (penetration oil treatment);
(12) 145 tons liquid asphalt ROMC-4 (penetration oil treatment);
(13) 1,500 c.y. cover material (do);
(14) 400 lbs. bar reing. steel (struc.);
(15) 12 c.y. Class A Portland cement concrete (struc.);
(16) 236 l.f. 12-in. CMP;
(17) 640 l.f. 18-in. CMP;
(18) 202 l.f. 24-in. CMP;
(19) 18 l.f. 30-in. CMP;
(20) 166 l.f. 60-in. CMP;
(21) 198 l.f. cleaning and relaying existing CMP culverts;
(22) 208 l.f. cleaning and salvaging do;
(23) 566 l.f. 12x12-in. laminated timber culvert;
(24) 62 l.f. 18x12-in. do;
(25) 28 l.f. 24x12-in. do;
(26) 80 l.f. 24x18-in. do;
(27) 88 each culvert markers;
(28) 109 each monuments.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Redding.

BIDS WANTED

NAPA COUNTY, Calif.—Until Dec. 11, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 6.3 miles grading and constructing a bridge in Napa County between St. Helena and Larkmead Station.

The work involves:

(1) 166 stations clearing and grubbing right of way;
(2) 52,000 c.y. rdwy. excav.;
(3) 1,675 c.y. struc. excav.;
(4) 27,400 lbs. bar reinf. steel;
(5) 322 c.y. Class A Portland cement concrete (struc.);
(6) 97 c.y. Class A do (footing blocks)
(7) 1.5 MFBM dense, select, all heart structural redwood;
(8) 1,028 l.f. 12-in. CMP;
(9) 148 l.f. 15-in. CMP;
(10) 158 l.f. 18-in. CMP;
(11) 250 l.f. 24-in. CMP;
(12) 64 l.f. 36-in. CMP;
(13) 120 l.f. CMP clean and relay.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

NOTICE TO BIDDERS

RIVERSIDE COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Riverside County between 1.4 miles south of Thermal and junction with Route 26, road X1-Riv-187-F, for which bids are to be received in Los Angeles November 29.

Said representative will meet prospective bidders at Coachella post office, Coachella, Calif., on Monday, November 25, at 1 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

SANTA CLARA COUNTY—San Jose Underpass—STATE

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Burrell Bldg., San Jose, at $70,766 submitted low bid to the State Highway Commission, at Sacramento for the construction of an undergrade crossing under the tracks of the S. P. Railroad at San Jose, consisting of two concrete abutments and steel superstructure, and approximately 0.14 mile of roadway grading and paving with Portland cement concrete.

The work involves:

(1) 10,000 cu. yds. roadway excav.;
(2) 1000 cu. yds. struc. excav.;
(3) 2225 sq. yds. subgrade for pavement;
(4) 7 stations finishing roadway;
(5) 41 tons asphalt concrete;
(6) 355 cu. yds. Class A Portland cement concrete (Pavement);
(7) 1190 cu. yds. Class A Portland cement concrete (structures);
(8) 6 cu. yds. Class F Portland cement concrete (rubbing);
(9) 175 cu. yds. Class A Portland cement concrete (curbs & gutters)
(10) 68 cu. yds. Class A Portland cement concrete (sidewalks);
(11) 260 each pavement dowels;
(12) 93,000 lbs. reinf. steel;
(13) 214,000 lbs. struc. steel;
(14) 4100 lbs. cast iron;
(15) 10,100 lin. ft. furnishing treated Douglas fir piles, including test piles;
(16) 288 each driving treated Douglas fir piles, including test piles;
(17) 450 lin. ft. 6-in. cast iron pipe;
(18) 1220 lin. ft. 8-in. cast iron pipe;
(19) 3 each 8-in. by 8-in. by 6-in. by 6-in. cast iron double tee branches;
(20) 275 lin. ft. 2-in. cast iron soil pipe;
(21) 1 lot electrical equipment;
(22) 1 lot pumping equipment;
(23) 1 lot miscellaneous items of work

Total bids follow:

(A) A. J. Raisch, San Jose...$70,766.00
(B) Rocca & Co., San Rafael 71,701.65
(C) Long & Bishop, Sacto..... 72,116.50
(D) Earl W. Heple, San Jose 73,710.75
(E) M. B. McGowan, S. F..... 76,148.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .65	$ .65	$ .60	$ .50	$ 1.00
(2)	1.50	1.20	1.00	2.00	3.00
(3)	.12	.20	.20	.15	.15
(4)	8.00	12.00	10.00	50.00	12.00
(5)	6.00	10.00	8.00	10.00	10.00
(6)	10.00	11.00	11.00	10.00	16.00
(7)	15.00	15.90	18.00	18.00	16.00
(8)	80.00	80.00	50.00	60.00	60.00
(9)	16.00	16.70	16.00	15.00	14.00
(10)	12.50	15.50	16.00	15.00	13.00
(11)	.25	.35	.30	.35	.20
(12)	.048	.05	.045	.05	.05
(13)	.06	.07	.068	.07	.06
(14)	.055	.06	.12	.06	.05
(15)	.70	.55	.60	.40	.50
(16)	15.00	13.00	12.00	15.00	25.00
(17)	1.10	1.10	1.00	1.50	1.00
(18)	2.00	1.37	1.50	2.00	1.00
(19)	30.00	30.00	25.00	10.00	5.00
(20)	.30	.65	.30	.40	2.00
(21)	1250.00	1000.00	1000.00	1100.00	800.00
(22)	2500.00	1450.00	2000.00	1500.00	800.00
(23)	1000.00	1629.00	500.00	500.00	134.25

STATE OF WASHINGTON—Until December 3, 10 a.m., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

ADAMS COUNTY — Grading and surfacing with crushed stone about 3.2 miles of County Road, Ralston Vicinity, involving about 21,240 cubic yards of excavation, 4,330 cubic yards of crushed stone surfacing, 166 lineal feet of pipe culverts, and other items.

COLUMBIA COUNTY—Grading & ballasting about 1.1 miles of County Road, Tucannon River Road, involv- about 24,240 cubic yards of excavation, 2,480 cubic yards of ballast, 402 lineal feet of pipe culverts, and other items.

LINCOLN COUNTY—Grading and surfacing with crushed stone about 3.4 miles of County Road, Creston South, involving about 23,440 cubic yards of excavation, 5,400 cubic yards of crushed stone surfacing 22 cubic yards of concrete, 321 lineal feet of pipe culverts, and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set.

LOW BIDDERS

PIMA COUNTY, Arizona — Borderland Constr. Co., Tucson, Ariz., at $142,410 submitted low bid to tht Arizona State Highway Commission, Phoenix, for highway construction on the Ajo-Tucson Highway, WPS 0.110-C, A.F.E. 623.

The work, which is to begin about 15.9 miles west of the Tucson-San Xavier Mission Road junction and is to extend westerly about 8.7 miles consists of grading and draining, and the furnishing and placing of A.B.C. and SC-2 plant mix, and is to be completed on or before July 31, 1936.

The principal items and approximate quantities are:

29500 c. y. drainage excav.;
1800 c.y. struc. excav.;
41,000 c. y. borrow excav.;
28,300 c. y. imported borrow;
19,200 c. y. mi. imported borrow haul;
8600 c. y. aggregate base course;
34,800 c. y. mi. A.B.C. haul;
671 c. y. concrete;
59,100 lbs. reinf. steel;
620 l. f. rail bank protection;
9600 tons plant mix;
382 tons road oil ,SC-2;
193 tons emulsified asphalt class A;
674 c. y. screenings;
161 M.B.M. treated timber;
10 M.B.M. untreated timber;
1760 l. f. treated timber piles;
984 l. f. treated piling in timber bents;

ALTERNATE

182 M.B.M. redwood timber.

Ken Hodgman, Pasadena, submitted the second low bid at $162,948.

CONTRACT AWARDED

SPOKANE COUNTY, Washington —Triangle Constr. Co., 1220 Ide, Spokane, at $98,982 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, November 13, for grading and surfacing with crushed stone on about 7.3 miles of State Road No. 11, Tyler to Cheney.

G. D. Lyon, Spokane, at $124,504 submitted second low hid; and N. A. Degerstrom, Spokane, at $129,577 submitted third low bid.

CONTRACT AWARDED

GRANT COUNTY, Oregon—Oregon Contracting Co. and Theodore Arenz, 10509 N.E. Sandy St., Portland (second low bidders) at $85,885 awarded contract by the Orgon State Highway Commission, Portland, November 7, for 7.85 miles regrading, surfacing and oil mat surface treatment on the Valades Ranch-Stewart Bridge Section of John Day Highway.

J. C. Compton, Sexton & Looney, and F. C. Dillard, Portland, were low bidders at $85,843.50, but conditioned the bid on the basis of being awarded three projects.

Edlefsen - Weygandt Co. and E. Hefty, Portland, at $87,790.50 submited third low bid.

CONTRACT AWARDED

LOS ANGELES and Kern Counties, Cal.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $242,975.25 was awarded contract by the State Highway Commission, Sacramento, for about 5.5 miles grading, paving with Portland cement concrete and constructing a reinforced concrete bridge in Los Angeles and Kern counties between one-fourth mile south of the Kern county line and Fort Tejon.

CONTRACT AWARDED

PACIFIC COUNTY, Washington—A. Milne, 7352 N. E. Broadway, Portland, at $23,244 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, November 13, for grading and surfacing with crushed stone on about 1.8 miles of State Road No. 12, Bear River Dyke between Greenhead Slough and Bear River.

Second low bid was submitted by R. O. Dall and Warren Bros., Aberdeen, at $25,207; and third low bid by F. O. Pentilla, Naselle, at $27,225.

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Heafey-Moore Co., 344 High Street, Oakland, at $27,109.60 submitted low bid to the Oakland City Council. W. W. Chappell, City Clerk, for the improvement of Middle Harbor Road, between First St. and Ferro St. and of Ferro St., between Middle Harbor Road and the Oakland Municipal Garbage Works.

The work involves:

(1) 3052 cu. yds. fill and shoulders;
(2) 107,400 sq. ft. concrete pavement

Total bids follow:

(A) Heafey-Moore Co., Oakland, $27,109.60.
(B) N. M. Ball Sons Co., Berkeley, $30,695.90.

	(A)	(B)
(1)	$1.00	$1.70
(2)	.224	.2375

Bids held under advisement.

The PWA has allotted a grant of 45% of the total cost which was estimated at $33,616.

LASSEN COUNTY—9.2 MI. GRADING, ETC.—STATE

LASSEN COUNTY, Calif. — Harms Bros., 5220 21st Ave., Sacramento, at $127,322 submitted low bid to State Highway Commission, Sacramento, for about 9.2 miles grading and applying bituminous seal coat in Lassen County between Long Valley Creek and 2.8 miles north of Route 21.

The work involves:

(1) 65 acres clearing and grubbing right of way;
(2) 1000 M. gals. water;
(3) 222,000 cu. yds. rdwy. excav. unclass.;
(4) 3,320,000 station yds. overhaul;
(5) 950 cu. yds. ditch and channel excavation;
(6) 2400 cu. yds. struc. excav.;
(7) 489 sta. finishing rdwy.
(8) 130,200 sq. yds. preparing roadbed for oil treatment;
(9) 270 tons liquid asphalt SC-2 (penetration oil treatment);
(10) 188 tons liquid asphalt 90-95 (seal coat);
(11) 2770 tons screenings (seal coat and stockpiles);
(12) 510 cu. yds. class A Port. cem. conc. (struc.);
(13) 52,500 lbs. bar rein. steel (struc.)
(14) 5100 lbs. steel I-beams (cattle guard);
(15) 750 lbs. misc. iron and steel (cattle guard);
(16) 430 cu. yds. rock slope protection;
(17) 198 lin. ft. 8 in. C M P;
(18) 15 each spillway assemblies;
(19) 15 each 8 in. C M P elbows;
(20) 96 lin. ft. 12 in. C M P;
(21) 1858 lin. ft. 18 in. C M P;
(22) 450 lin. ft. 24 in. C M P;
(23) 50 lin. ft. 30 in. C M P;
(24) 142 lin. ft. 36 in. C M P;
(25) 104 each culvert markers;
(26) 1 only exist. bridge to be removed;
(27) 131 each monuments complete in place.

Total bids follow:

(A) Harms Bros., Sacramento, $127,322.00.
(B) Peninsula Paving Co., San Francisco, $128,160.60.
(C) Dunn and Baker, Klamath Falls, Ore., $148,530.50.
(D) Isbell Const. Co., Reno, $151,812.30
(E) Hemstreet and Bell, Marysville, $152,554.00.
(F) George Pollock Co., Sacramento $163,894.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 40.00	$ 30.00	$ 50.00	$ 25.00	$ 35.00	$ 18.00
(2)	1.50	1.25	1.25	1.50	2.00	2.50
(3)	.25	.26	.21	.30	.33	.46
(4)	.005	.005	.005	.005	.005	.0025
(5)	1.00	.90	.50	.75	1.00	.50
(6)	1.25	.80	.75	1.00	1.50	.80
(7)	5.00	5.00	10.00	10.00	5.00	5.00
(8)	.02	.02	.04	.03	.035	.03
(9)	16.00	18.00	20.00	25.00	16.00	15.00
(10)	22.00	23.00	25.00	33.00	22.50	22.00
(11)	4.00	3.80	4.00	4.25	4.00	3.20
(12)	22.00	24.00	24.00	28.00	27.50	24.75
(13)	.05	.05	.06	.06	.06	.06
(14)	.08	.05	.06	.10	.10	.10
(15)	.10	.10	.20	.25	.12	.10
(16)	1.50	.75	2.00	3.00	4.00	3.00
(17)	1.00	.90	1.00	1.25	1.00	.90
(18)	15.00	15.00	15.00	20.00	15.00	10.00
(19)	6.00	7.00	6.00	6.00	8.00	4.00
(20)	1.25	1.25	1.50	1.60	1.25	1.10
(21)	2.00	1.75	2.00	2.15	1.75	1.50
(22)	3.00	2.75	3.00	3.00	2.75	2.08
(23)	4.00	3.50	4.00	3.50	3.50	2.75
(24)	5.00	5.25	5.00	5.00	5.00	4.65
(25)	3.00	2.10	2.50	2.75	3.00	3.00
(26)	300.00	700.00	1000.00	1500.00	1000.00	450.00
(27)	3.00	3.00	3.50	4.00	3.00	3.00

CONTRACT AWARDED

STEVENS AND FERRY COUNTIES, Washington—Standard Asphalt Paving Co., Chronicle Bldg., Spokane, at $121,016 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for stockpiling crushed stone surfacing and mineral aggregates and construction bituminous surface treatmet on about 64.7 miles of State Road No. 3, Clayton to Kettle Falls Bridge.

Washington Asphalt Paving Co., Seattle, at $122,766 submitted second low bid; and F. R. Hewett, Spokane, at $122,893 submitted third low bid.

LOW BIDDERS

YAVAPAI COUNTY, Arizona — All Arizona Engineering Construction Co., Clifton, Arizona, at $70,709 submitted low bid to Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, WPMH 12, AFE 7914.

The work, which is to extend from the southern city limits of Jerome southwesterly for about 1.8 miles, consists of grading, draining and aggregate base course, and is to be completed on or before April 30, 1936.

The principal items and approximate quantities are:

27,300 c. y. rdwy. excav.;
1000 c. y. drainage excav.;
2700 c. y. slides and overbreakage;
1300 c. y. structural excav.;
6700 c. y. aggregate base course, CIP;
204 c. y. class A concrete;
18,100 lbs. reinf. steel;
800 l. f. 24 in. C M pipe;
324 c. y. cement rubble masonry;
8500 l. f. road guard.

H. J. Hagen, Globe, Arizona, submitted the second low bid at $84,795.

30—RESERVOIRS & DAMS

November 15, 1935

BIDS REJECTED

ST. HELENA, Napa Co., Cal.—The city council rejected the only bid received, that of Harry Thorsen, 1519 Kearny St., St. Helena, at $1,300 for construction of a reinforced concrete gate tower for the Lower St. Helena Dam, and the work will be done by day labor.

August Kempkey, 1218 Hobart Bldg., San Francisco, and Walter L. Huber, 1 Montgomery Street, San Francisco, consulting engineers.

John Mitchell, city engineer.

BIDS OPENED

ALAMEDA COUNTY, Calif.—M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $8,385 submitted the low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 96, for the reconstruction of the Calaveras Intake Screens and Adits, at Calaveras Dam, Alameda County, about 10 miles south of the town of Sunol.

Construction includes furnishing and installing one 80-in. and one 60-in. perforated steel pipe screen, each 60-inch in diameter; grouting behind the concrete and lining existing horseshoe shaped adits totalling approximately 85 ft. in length, with welded steel plate; grouting the space between the steel lining and existing concrete adit; reinforced concrete transition sections at the inlets to the adits and existing concrete adit; reinforced concrete transition sections at the inlets to the adits; concrete pipe supports for the screens; a concrete slab approximately 15-ft. wide by 60-ft. in length under one of the screens, etc.

The work involves:

(1) lump sum, furnishing and installing two 60-inch dia. perforated pipe screens;
(2) 80 c.y. excavation;
(3) 50 c.y. concrete;
(4) 1,100 lbs. furnishing and placing reinforcing steel;
(5) 20 pipes, furnishing and installing grout pipes in adits;
(6) 300 sacks cement, grouting in the adits;
(7) 85 l.f. furnishing steel plate lining for adits;
(8) 85 l.f. installing steel plate lining in adits;
(9) 1,150 sq. ft. coating interior of steel lining in adits.

Total bids follow:

(A) M. J. Lynch, San Francisco, $8,385.00.
(B) Western Pipe & Steel Co., S. F., $9,742.75.

Unit bids follow:

	(A)	(B)
(1)	$2,000.00	$4,149.00
(2)	4.00	6.00
(3)	25.00	38.00
(4)	.05	.07
(5)	4.00	3.50
(6)	2.50	3.50
(7)	16.00	9.75
(8)	4.00	11.00
(9)	.20	.22

30

BIDS WANTED

RIVERTON PROJECT, Wyo.—Until December 7, 10 A. M., bids will be received by the Bureau of Reclamation, Riverton, Wyo., under Spec. No. 658, for construction of the Bull Lake Dam, Riverton Project, Wyo.

The work is located near Riverton, and the principal items of work involved are

(1) 1,025,000 c.y. all classes of open-cut excavation;
(2) 7,300 c.y. backfill about struc.;
(3) 642,000 c.y. earth fill in embankments;
(4) 136,000 c.y. rock fill on downstream slope of dam embankment;
(5) 48,300 c.y. rock riprap;
(6) 1,500 c.y. screened gravel under spillway floor;
(7) 14,875 c.y. concrete;
(8) 20 c.f. pressure grouting;
(9) placing 1,630,000 lbs. reinforcement bars;
(10) fabricating and driving 180 M F B M of timber sheet piling;
(11) driving 132,000 lbs. of steel sheet piling;
(12) contructing 5,700 l.f. 6- to 18-in. clay pipe drains;
(13) installing 591,000 lbs. of metal work;
(14) installing electrical conduit, conductors and apparatus.

Work shall be commenced within 30 calendar days and completed within 700 calendar days from the date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Riverton, Wyo.; Denver, Colorado, or Washington, D. C., without charge to prospective bona fide bidders; to others, $2.50 per copy, not returnable.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $213,968 (Proposal A) awarded contract by the Public Utilities Commission, City Hall, under H.H.W.S. Contract No. 156, for construction of the Moccasin Diversion Works.

A concrete overflow type dam and a concrete conduit are to be constructed to divert the waters of Moccasin Creek past Moccasin Re-regulating Reservoir of the Hetch Hetchy Water Supply System, in Tuolumne County.

BIDS WANTED

STATE OF WASHINGTON—Until December 3, 10 A. M., bids will be received by L. V. Murrow, Director of Highways, Olympia, for highway construction as follows:

Clark County—Constructing a bituminous macadam surface on about 0.7 miles of city streets in the City of Vancouver, involving about 3830 cu. yds. of excavation, 3310 cu. yds. of crushed stone surfacing and mineral aggregate (oil rock), 106 tons of bituminous cement and 375 lin. ft. of pipe culverts and other items.

Chelan County — Grading and surfacing with crushed stone on about 3.1 miles of County Road (Traveled Route of S. R. No. 10), Winesap North, involving about 242,840 cubic yards of excavation, 15,870 cu. yds. of tunnel excavation; 9050 cu. yds. of crushed stone surfacing and mineral aggregate (oil rock); 223 cu. yds. of concrete; 247 M.F.B.M. timber and lumber; 1096 lin. ft. pipe culverts and other items.

Grant County—Surfacing with crushed stone and constructing a bituminous surface treatment on about 21.4 miles of county road, Soap Lake to Coulee City, involving about 10,380 cu. yds. of ballast; 54,920 cu. yds. of crushed stone surfacing and mineral aggregate (oil rock); 899 tons of bituminous cement; 123 lin. ft. of pipe culverts and other items.

Pend Oreille County — Grading and surfacing with crushed stone on about 5.1 miles of State Road No. 6, Dalkena to Cusick, involving about 37 acres of clearing; 110,100 cu. yds. excavation; 35,780 cu. yds. ballast; 16,350 cu. yds. crushed stone surfacing 1440 lin. ft. cable guard rail, Design No. 6; 166 MBM timber and lumber; 4840 lin. ft. treated piling; 1365 lin. ft. pipe culverts and other items.

Plans and specifications obtainable from the above office upon deposit of $2 per set. 29

BIDS OPENED

SACRAMENTO CO., Calif.—Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $26,102 submitted low bid to the State Highway Commission, Sacramento, for constructing about 0.4 mile of riprap slope protection in Sacramento County between Courtland and Freeport.

The work involves:

(1) 1 lot clearing and grubbing;
(2) 9,700 c.y. local borrow;
(3) 9,700 tons riprap based on weight of 150 lbs. solid dry c.f.

Total bids follow:

(A) Healy-Tibbitts Const. Co., San Francisco, $26,102.
(B) Hutchinson Co., Oakland, $27,-313.
(C) Blake Bros. Co., San Francisco, $28,918.

Unit bids follow:

	(A)	(B)	(C)
(1)	$300.00	$250.00	$400.00
(2)	.34	.35	.39
(3)	2.32	2.44	2.55

The checks of the Hutchinson Co. and Blake Bros. Co. were insufficient. 29

CONTRACT AWARDED

SAN FRANCISCO.—A. G. Raisch, 1 De Haro St., at $52,571 awarded the contract by the Department of Public Works, City Hall, under Spec. No. 18-867, for the improvement of Alemany Blvd., Section D, from San Jose Ave. to Orizaba Ave.

Complete bids published Nov. 14. 29

31 — PIPE LINES & WELLS

LOW BIDDERS

ALL AMERICAN CANAL.—Morrison-Kundsen Co., Utah Const. Co. and Winston Bros. Co., 920 Title Guarantee Bldg., Los Angeles, bidding jointly, at $4,374,240.60 submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 644, for the construction of the Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project. The work is located on the Colorado River, about 18 miles northwest of Yuma.

W. E. Callahan Const. Co., 206 S. Spring Street, Los Angeles, at $4,526,961.30 submitted second low bid.

Third low bid was submitted by J. F. Shea Co., Mecca, Calif., at $4,640,068.60.

Bids referred to Denver for award.

BIDS WANTED

SAN FRANCISCO.—Until Nov. 29, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Spec. No. S. F. W. D. 88 for construction of valve houses and wood covering for pipe on trestle for the Bay Crossing Pipe Line No. 2. The contract provides for construction of protective wood covering and incidentals for sections of the pipe line on timber trestles over marsh lands bordering San Francisco Bay at Dumbarton Strait in Alameda and San Mateo counties; a valve house of wood frame with corrugated siding and roof on the east shore of Dumbarton Strait in Alameda county; and a valve house of wood frame with cement plaster and stucco finish, and a tile roof near near Redwood City, San Mateo county.

A total of approximately 19,250 ft. of 66-inch diameter steel pipe is to be covered.

The work involves:

(1) 348 MBM redwood lumber, in place
(2) 6,000 lbs. furnishing and installing bolts, nuts, washers and miscellaneous steel;
(3) 27,900 sq. yds. painting wood covering for pipe;
(4) lump sum, constructing a valve house above foundation at east side of S. F. Bay;
(5) lump sum, constructing a valve house above foundation at Redwood City;
(6) 10,000 lbs. installing metal work furnished by the city;
(7) 210 sq. ft. furnishing and installing steel floor grating;
(8) 50 each furnishing and installing "Cinch" anchor bolts.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason Street, upon deposit of $10.00.

BIDS OPENED

VISTA, San Diego Co., Cal.—Bids for furnishing and laying pipe lines for the Vista Irrigation District were opened by the Board of Directors at Vista November 19. The work was divided into two projects, viz.: PWA Project No. 1319 and PWA Project No. 1159, with quantities and items as shown below.

The bids printed herewith show total bids for the individual propositions. The bids were referred to the General Manager and Chief Engineer, C. Harritt, until Thursday November 21. The quantities follow:

PWA PROJECT 1159

8240 l.f. 26-in. ¼-in. welded steel or cast iron pipe, or 24-in. centrifugally spun or concrete cylinder pipe;
4800 l.f. 20-in. $\frac{5}{16}$-in. welded steel or cast iron pipe, or 18-in. centrifugally spun or concrete cylinder pipe;
700 l.f. 14-in. $\frac{5}{16}$-in. welded steel or cast iron pipe;
5100 l.f. 12-in. $\frac{5}{16}$-in. welded steel or cast iron pipe;
1100 l.f. 10-in. $\frac{5}{16}$-in. welded steel or cast iron pipe;
2340 l.f. 8-in. $\frac{5}{16}$-in. welded steel or cast iron pipe, or 9-in. .196 Matheson weight pipe.

Appurtenant structures and connections to existing lines.

PWA PROJECT 1319

9300 l.f. 18-in. $\frac{5}{16}$-in. welded steel or cast iron, or 16-in. centrifugally spun or concrete cylinder pipe;
3170 l.f. 14-in. $\frac{5}{16}$-in. welded steel or cast iron pipe;
6300 l.f. 10-in. $\frac{5}{16}$-in. welded steel or cast iron pipe;
5050 l.f. 8-in. $\frac{5}{16}$-in. welded steel or cast iron pipe, or 9-in. .196 Matheson weight pipe.

Appurtenant structures and connections to existing lines.

PWA PROJECT NO. 1159

Consolidated Steel Corp.—(1) $5,573.70, (3) $19,372, (6) $51,053.75, (9) $13,066.75, (11) $75,999.45; less $1519; total, $74,476.46.

Southern Pipe & Casing Co. — (1) $7104.20 (3) $20,037 (6) $53,304.25 (9) $13,207.25, (11) $80,445.45; less $804.45 total, $79,641.

Western Pipe & Steel Co.: (1) $6,437.30 (3) $19,855.20, (6) $52,797.90, (9) $13,807, (11) $79,640.40.

American Concrete & Steel Pipe Co. (1) $6984.40, (5) $18,538, (8) $40,807, (9) $13,693.75.

United Concrete Pipe Corp.—(8) $45,067.30.

Southwest Welding & Mfg. Co.—(1) $7165.40, (3) $21,285, (6) $52,151, (11) $80,551.40.

Concrete Conduit Co.—(5) $16,381.20

PWA PROJECT NO. 1319

Southern Pipe & Casing Co.—(2) $30,504, (4) $33,881.60, (6) $64,385.60; less $643.86; total, $63,741.74.

Western Pipe & Steel Co.—(2) $27,752, (4) $31,176.05, (6) $58,928.05.

American Concrete & Steel Pipe Co (2) $32,397.50, (4) $31,019.40.

Consolidated Steel Corp.—(2) $26,566, (4) $29,720.90, (6) $56,286.90; less $562.87; total, $55,724.03.

Concrete Conduit Co.—(2) $23,585.51

BIDS REJECTED

CONTRA COSTA CO., Cal.—All bids received by the East Bay Municipal Utility District, Oakland, November 13 under Spec. No. LS-159, for constructing the Crockett tunnel section of the Richmond-Crockett Supply Line have been rejected and the district will do the work with their own forces.

T. E. Connolly, Inc., 461 Market St., San Francisco, submitted the lowest bid at $47 per l.f., total $64,860.

The work involves boring 1380 l.f. of tunnel and installing 42-inch steel pipe; lining space between tunnel face and pipe with concrete. Pipeline is being laid between 23rd and Nevin Sts. in Richmond, and the C-H sugar company refinery at Crockett, other sections being done by force account.

Complete bids published Nov. 15.

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SAN FRANCISCO. — J. B. Rogers Co., 110 Sutter Street, at $780 awarded contract by Department of Public Works for making two test holes in connection with the Richmond-Sunset Sewage Disposal Plant, under Spec. No. 18,909; one will be at 30th Ave. and Geary St. and one at 32nd Ave. between Anza and Balboa Sts.

BIDS REJECTED

UKIAH, Mendocino Co., Calif.—All bids received by the Ukiah City Council, November 13, for the construction of a sewage disposal plant and intercepting and outfall sewers have been rejected and the project deferred until next year.

Complete bids publised Nov. 15.

The PWA allotted a grant of 45% of the total cost, which was estimated at $23,678.

Harry N. Jenks, 2701 Benvenue Ave. Berkeley, engineer. * 32

November 22, 1935

LOW BIDDER

SANTA MARIA, Cal.—F. C. Stolte Co., San Simeon, at $26,700 submitted low bid and awarded contract (subject to PWA approval) by the Santa Maria City Council for furnishing all labor, material, transportation, and services for the construction of a sewage disposal plant located two miles west of the city limits of the City of Santa Maria, in accordance with plans and specifications prepared by the city engineer, York Peterson, and H. N. Jenks, Berkeley, consulting engineer.

The project involves the construciton of a sewage disposal plant utilizing the existing Imhoff tanks. It will be the separate sludge digestion type. The work will involve the construction of the following

Primary clarification system, including screen, pre-aeration equipment and sedimentation tank, reinforced concrete construction, 32x48 ft. by 10 ft. (average) length.

Remodeling of present two Imhoff tanks to serve as a sludge digestion chamber; reinforced concrete construction.

Construction of sludge drying beds; sand and gravel with underdrainage system and redwood bulkhead.

Drilling of one 8-in. well, about 130 feet in depth.

Pump to be installed in connection with above well.

Complete bids will be given shortly.

BIDS OPENED

SACRAMENTO, Calif.—J. W. Terrell, 2765 Donner Way, Sacramento, at $20,401 submitted low bid to the Sacramento City Council for the construction of storm sewers in W and X Streets, between 18th and 27th Sts.

Total bids follow:

(A) J. W. Terrell, Sacramento..$20,401
(B) A & B Constr. Co. and Gogo & Rados, L. A..... 25,100
(C) Union Paving Co., San Francisco 25,625

A grant of 45% of the total estimated cost has been allotted by the PWA.

BIDS OPENED

SACRAMENTO, Calif.—A & B Construction Co. and Gogo & Rados, 10024 S. Figueroa St., Los Angeles, bidding jointly, at $41,900 submitted low bid to the Sacramento City Council, for the construction of storm sewers in L Street betwen Ninth and Eighteenth Streets.

Total bids follow:

(A) A & B Constr. Co. and Gogo & Rados, Los Angeles.....$41,900
(B) J. W. Terrell, Sacramento 42,600
(C) Robert B. McNair & H. Gould, Sacramento 45,400
(D) Union Paving Co., San Francisco 48,880

The PWA has allotted an outright grant of 45% of the total estimated cost.

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—W. J. Tobin, 2701 Balfour Ave., Oakland, at

$12,824 (second low bidder) awarded contract by the Vallejo City Council for construction of a 48-in. reinforced concrete storm sewer on timber cradle, approximately 650 feet in length, on Virginia St., from Transport St. to and beyond the city bulkhead.

BIDS OPENED

VALLEJO, Solano Co., Cal.—Peter J. McHugh, 363 Valencia Street, San Francisco, at $6,494.80 submitted low bid to the Vallejo City Council, Alf. E. Edgecumbe, City Clerk, for the construction of a 48-in. reinforced concrete storm sewer on timber cradle, approximately 650 feet in length, on Virginia St. from Transport Street to and beyond the city bulkhead.

The work involves:
(1) 508 l.f. 48-in. centrifugally spun reinforced conc. pipe for storm sewer, on timber cradle;
(2) 24 l.f. do. reinforced concrete cradle;
(3) 24 l.f. do, earth subgrade;
(4) 100 l.f. do, quarry waste cradle;
(5) 64 l.f. 15-in. clay pipe sewer;
(6) 70 l.f. 12-in. clay pipe sewer;
(7) 40 l.f. 48-in. sewer pipe only, delivered to site;
(8) 1,750 l.f. untreated piling;
(9) 250 l.f. creosoted piling;
(10) 50 tons quarry waste;
(11) 800 bd. ft. lumber;
(12) 3 manholes;
(13) 4 catch basins;
(14) 4 c.y. reinforced concrete;
(15) 500 lbs. steel reinforcement.

Total bids follow:
(A) Peter J. McHugh, San Francisco, $6,494.80.
(B) W. J. Tobin, Oakland, $12,824.00.
(C) Bundesen & Lauritzen, P. O. Box 395, Pittsburg, $14,462.98.

Unit bids follow:

	(A)	(B)	(C)
(1)	$17.10	$14.50	$15.89
(2)	27.10	15.00	40.50
(3)	16.00	14.00	14.40
(4)	16.00	13.00	13.75
(5)	1.90	3.00	3.49
(6)	1.60	2.25	2.43
(7)	10.00	8.50	9.99
(8)	1.60	.75	.65
(9)	2.00	1.40	1.00
(10)	4.00	2.00	2.85
(11)	125.00	100.00	80.00
(12)	120.00	125.00	165.00
(13)	120.00	125.00	175.00
(14)	40.00	25.00	29.75
(15)	.08	.05	.08

Bids referred to City Engineer T. D. Kilkenny for recommendation.

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until December 3, 9:30 A. M., bids will be received at the office of the board of supervisors, 205 Court House Santa Ana, for furnishing all labor, material, transportation and services for the construction of a storm drain located at West Anaheim, in accordance with specifications on file at the office of the county flood control engineer, M. N. Thompson, 326 Court House Annex, Santa Ana. Certified or cashier's check or bond, 5%, must accompany each bid. The project involves the construction of about 15,000 l.f. of reinforced concrete storm drain box section varying from 8x3-ft. to 5x10-ft. inside dimensions.

The approximate quantities are:
(1) 5,400 c.y. reinf. concrete;
(2) 40,300 lbs. reinf. steel;
(3) 1,130 l.f. 30-in. plain conc. pipe;
(4) 60 l.f. 30-in. reinf. conc. pipe;
(5) 32,200 c.y. earthen dike;
(6) 48,600 c.y. struc. excav.;
(7) 3 only sewer manhole covers and frames;
(8) 10 only standard inlet gratings and frames;
(9) 800 l.f. 8-in. vit. clay pipe;
(10) 5,040 ft. redwood lumber.

This project is financed by PWA and county flood control funds.

J. M. Backs is clerk of the board and ex-officio clerk of the county flood control district.

BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until December 3, 9:30 A. M., bids will be received by the Orange County Flood Control District at the office of the county board of supervisors, Court House, Santa Ana, for construction of a storm drain located at La Veta Ave. near Orange, in accordance with plans and specifications on file with the Orange County Flood Control District, Rm. 326, Court House Annex, Santa Ana. M. N. Thompson, county flood control engineer. The work involves 6000 l. f. of arch covered trapezoidal section, 4 ft. deep, 4 ft. bottom width.

The approximate quantities are:
(1) 132 c.y. reinf. concrete;
(2) 8,220 lbs. reinf. steel;
(3) 60 l.f. 30-in. plain concrete pipe;
(4) 44 l.f. 24-in. do;
(5) 120 l.f. 10-in. do;
(6) 120 l.f. 18-in. reinf. concrete pipe;
(7) 72 l.f. 24-in. corru. metal pipe;
(8) 108 l.f. 15-in. do;
(9) 12,630 c.y. struc. excav.;
(10) 115,587 sq. ft. gunite (2-in. average thickness);
(11) 2 only manhole frames and gratings.

This is a PWA and county flood control project. Certified or cashier's check or bid bond, 5%, must accompany each bid.

CONTRACT AWARDED

VALLEJO, Solano County, Calif.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $12,824 awarded contract by the Vallejo City Council for construction of a 48-in. reinforced concrete storm sewer on timber cradle, approximately 650 feet in length, on Virginia St., from Transport St. to and beyond the city bulkhead.

The total bids were:
W. J. Tobin, Oakland, $12,824;
Bundesen & Lauritzen, Pittsburg, $14,462.98;
Peter J. McHugh San Francisco, $16,494.80.

LOW BIDDER

SOUTH SAN FRANCISCO, Cal.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at $3,978.66 submitted low bid to the South San Francisco City Council for the construction of a sanitary sewer outfall in the South Industrial Area, bounded by Tanforan Ave., the S. P. railroad tracks, Hines and Kaufman Sts.

NEW BIDS ASKED

PALM SPRINGS, Riverside County—Dec. 3, 8 p.m., new bids will be received by the Palm Springs Sanitary District of Riverside County, at the office of the board of directors, Palm Springs School House, Palm Canyon Drive Drive and Alejo Road, Palm Springs, for the construction of a sanitary sewer system and a disposal plant in accordance with plans prepared by the engineers, Davidson & Fulmor, 3646 17th St., Riverside, and Alva J. Smith, consulting engineer, 810 Boylston St., Pasadena. Plans and specifications will be available shortly.

The present work involves substantially the same work as bid on Oct. 21, those bids having been rejected as too high. The money available for the job is $73,000, and in order to bring the contract within that amount it has been necessary to designate a portion of the system on the plans which will be built as an extra if the bid price on the balance permits. The new plans will ask for bids on vitrified clay pipe only.

Gogo and Rados, 10,024 S. Figueroa St., Los Angeles, submitted the low bid at the previous opening October 21, at $64,835, using concrete pipe, and $71,021 using vitrified clay.

Complete bids and description published October 24.

BIDS WANTED

STOCKTON, San Joaquin Co., Cal.—Until December 2, 5 p.m., (to be opened at 8 p.m.), bids will be received by the Stockton City Council for the construction of a trunk line sewer system. Estimated cost, $53,000.

The work involves:
(1) 218 l.f. 8-in. vitrified clay sewer;
(2) 215 l.f. 15-in. vitrified clay sewer;
(3) 8,524 l.f. 24-in. vitrified clay sewer;
(4) 26 5 ft. diameter manholes (brick)
(5) 8,626 sq.ft. pavement to be replaced.

Plans and specifications obtainable at the office of City Engineer Lyle Payton, upon deposit of $20.

A grant of 45% of the total estimated cost has been allotted by the PWA.

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO.—Until Nov. 26, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 99, for the laying of 6- and 8-in. cast iron mains in Pine Lake Park Subdivision.

The work involves:
(1) 3,350 l.f. excavation and backfill trench, 17x36-in.;
(2) 100 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4) installation of pipe:
(a) 1,450 l.f. 6-in. bell and spigot cast iron pipe;
(b) 1,900 l.f. 8-in. do;
(5) 4,000 lbs. installation of fittings, etc.;
(6) 500 l.f. making joints, bell and spigot;
(7) 200 sq. ft. repavement;
(8) lump sum, pipe and service connections.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason Street, upon deposit of $10.00.

N. A. Eckart, general manager and chief engineer.

CONTRACT AWARDED

ALL-AMERICAN Canal, Ariz.—Chicago Bridge & Iron Works, 608 South Hill St., Los Angeles, at $3,635 awarded contract by the Bureau of Reclamation, Yuma, under Spec. No. 721-4, for furnishing and erecting water tower at the Government Camp at the Imperial Dam, All-American Canal System, Boulder Canyon Project.

BIDS OPENED

SACRAMENTO COUNTY, Cal.—L. C. Seidel, 4722 Market Street, Oakland at $13,935 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, 703 B Street, Marysville, for the construction of a drainage system and furnishing and installing new pumping equipment in Sacramento County, at Ben Ali undergrade crossing, about four miles north of Sacramento.

The work involves:
(1) 520 cu. yds. structure excavation
(2) 30 cu. yds. tunnel excavation;
(3) 100 cu. yds. ditch excavation;
(4) 73 cu. yds. Class A Portland cement concrete;

(5) 11,000 lbs. bar reinforcing steel;
(6) 176 lin. ft. 12-in. discharge pipe;
(7) 185 lin. ft. 12-in. corrugated metal pipe;
(8) 40 lin. ft. 18-in. corrugated metal pipe;
(9) 80 lin. ft. 36-in. (8 gauge) corrugated metal pipe;
(10) 23 lin. ft. 36-in. (12 gauge) corrugated metal pipe;
(11) 1100 lbs. miscellaneous steel;
(12) 1 lot pumping equipment;
(13) 1 lot miscellaneous items of work

Total bids follow:
(A) L. C. Seidel, Oakland, $13,935.00.
(B) Lord & Bishop, Sacramento, $14,292.50.
(C) Underground Const. Co., Berkeley, $15,117.40.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 6.50	$ 6.00	$ 6.32
(2)	60.00	40.00	19.30
(3)	1.00	1.00	1.50
(4)	30.00	30.00	27.20
(5)	.05	.05	.056
(6)	7.00	6.50	6.80
(7)	.30	.40	.40
(8)	.50	.50	.80
(9)	2.00	12.00	3.96
(10)	1.50	12.00	1.90
(11)	.20	.15	.147
(12)	3700.00	3500.00	6604.00
(13)	500.00	1000.00	125.00

CONTRACT AWARDED

SAN FRANCISCO—San Francisco Water Department, at $18.61 each total $837.45 awarded contract by T. A. Brooks, Purchasing Agent, City Hall, under Spec. No. 1428, for furnishing 45 eight-inch air valves for the Water Department.

BIDS OPENED

CONTRA COSTA CO., Calif.—T. E. Connolly, Inc., 461 Market Street, San Francisco, at $47.00 per l.f., total $64-860 submitted low bid to the East Bay Municipal Utility District, John Kimball, Secretary, under Spec. No. LS-159, for constructing the Crockett tunnell section on the Richmond-Crockett supply line.

The work involves boring 1380 l.f. of tunnel and installing 42-in. steel pipe; lining space between tunnel face and pipe with concrete. Pipeline is being laid between 23rd and Nevin Sts., Richmond, and the C-H sugar company refinery at Crockett, other sections being done by force account.

Complete bids follow:

T. E. Connolly, Inc., San Francisco: $47 per l.f., total $64,860.

E. T. Lesure, Oakland: $49 per l.f., total $67,620.

Barrett & Hilp, San Francisco: $50.-70 per l.f., total $69,966.

Youdall Const. Co., San Francisco: $52 per l.f., total $71,760; alternate bid offering a deduction of $2,760 if permitted to line pipe before installing.

Bids held under advisement.

CONTRACT AWARDED

SAN MATEO, San Mateo Co., Cal.—W. K. van Bookelen, 354 Hobart St., Oakland, awarded contract by the California Water Service Co., 501 Federal Reserve Bank Bldg., San Francisco, J. A. Wade, Chief Engineer, for the construction of a water softening plant in San Mateo.

Work will involve construction of a number of concrete basins set into the existing ground to a maximum depth of about 9 feet, the excavated material to be placed in a compacted embankment around the finished structures. Above one of these basins there is to be a three-story building consisting of concrete columns and floor with stuccoed wood construction enclosing walls and top story. Several wood tanks furnished by the owner are to be erected. Machinery, pumps and pipe materials will be furnished by the owner and erected and connected by the contractor.

Work involves:
(1) 100 cu. yds. excavation;
(2) 200 cu. yds. embankment from barrow;
(3) 160 cu. yds. excavation in trench;
(4) 150 sq. yds. drives and paths;
(5) 825 bbls. Portland cement;
(6) 550 cu yds. concrete masonry;
(7) 44,000 lbs. reinforcing steel;
(8) 1000 lbs. setting metal work;
(9) Lump sum, carpenter and millwork;
(10) 9 squares roofing;
(11) Lump sum, plumbing;
(12) Lump sum, electrical work;
(13) 50 lin. ft. laying 2-in. pipe;
(14) 120 lin. ft. laying 4-in. pipe;
(15) 25 lin. ft. laying 6-in. pipe;
(16) 180 lin. ft. laying 12-in. pipe,
(17) 125 lin. ft. sanitary sewer;
(18) Lump sum, filter piping;
(19) 2000 lbs. miscellaneous iron work
(20) 880 cu. ft. filter sand;
(21) 528 cu. ft. filter gravel;
(22) Lump sum, erecting mixing tanks;
(23) Lump sum, erecting wood flume;
(24) Lump sum, erecting wash water tub;
(25) Lump sum, erecting bag elevator;
(26) Lump sum, recarbonation equipment;
(27) Lump sum, erecting pumping equipment;
(28) Lump sum, painting;
(29) 450 sq. ft. tile walls;
(30) Sheeting and shoring.

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—M. J. Lynch, Oakdale and Barnevald Avenues, San Francisco, at $15,560 was awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 92, for construction of extensions to the upper Alameda Tunnel outfall in Santa Clara County at the westerly end of upper Alameda Tunnel, about 1½ miles southwesterly of Calaveras Dam, and 12¾ miles southeasterly of the town of Sunol, Alameda County.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Grass Valley, for lawn sprinkling system at the Grass valley post office. 34

Contract Awarded

VALLEJO, Solano Co., Cal.—Scott Co., 243 Minna Street, San Francisco, at $1,074 awarded contract by Treasury Department, Washington, D. C., for a lawn sprinkling system at the post office in Vallejo. 34

35— TUNNELS

BIDS WANTED

BOISE PROJECT, Idaho—Until December 2, 10 A. M., bids will be received by the Bureau of Reclamation, Ontario, Oregon, under Spec. No. 654, for the construction of Tunnels Nos. 1, 2, 3 and 4, Black Canyon Canal, Payette Division, Boise Project, Idaho.

The work is located near Emmett, Idaho, and the principal items of work involved are:
(1) 100,000 cu. yds. all classes of open cut excavation;
(2) 30,550 cu. yds. excavation in tunnels;
(3) 266 cu. yds. concrete in portal structures and transitions;
(4) 5782 cu. yds. concrete in tunnel lining;
(5) 3000 cu. ft. pressure grouting;
(6) Placing 40,000 lbs. reinforcement bars;
(7) Furnishing and installing 136,000 lbs. permanent steel tunnel supports;
(8) Furnishing and erecting 60 MFBM permanent timbering in tunnels;
(9) Furnishing and installing 148,000 lbs. steel tunnel liner plates;
(10) Constructing 2400 lin. ft. 6-inch to 10-in. diam. tunnel drains;
(11) Drilling 1500 lin. ft. grout holes.

Work shall be commenced within 30 calendar days and completed within 400 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation at Ontario, Oregon; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable.

BIDS WANTED

GILA VALLEY PROJECT, Ariz.—Until December 2, 10 A. M., bids will be received by the Bureau of Reclamation, Federal Bldg., Yuma, Ariz., under Spec. No. 657, for constructing earthwork and tunnels, Station 17 plus 50 to Station 942 plus 60, Gravity Main Canal, Gila Valley Project, Arizona.

The work is located near Yuma, Arizona, and the principal items involved are:
(1) 3,398,000 cu. yds. all classes of canal excavation;
(2) 95,000 cu. yds. excavation for drainage channels and dikes;
(3) 93,300 cu. yds. excavation in tunnels;
(4) 580 cu. yds. concrete in tunnel portal structures and transitions
(5) 19,550 cu. yds. concrete in tunnels;
(6) Placing 64,000 lbs. reinforcement bars;
(7) Furnishing and installing 486,000 lbs. permanent steel tunnel supports;
(8) Furishing and erecting 155 MFBM permanent timbering in tunnels.

Work shall be commenced within 30 calendar days and completed within 800 calendar days from date of receipt of notice to proceed.

Specifications obtainable from the Bureau of Reclamation, Yuma, Ariz.; Denver, Colorado; or Washington, D. C., without charge to prospective bidders; to others, $1 per copy, not returnable.

BID OPENING POSTPONED

SHOSHONE PROJECT, Wyo.—Until December 5, 10 A. M. (date postponed from December 2, previously reported) bids will be received by the Bureau of Reclamation, Cody, Wyo., under Spec. No. 656, for construction of Tunnels Nos. 1, 2 and 3, Shoshone Canyon Conduit, Heart Mountain Division, Shoshone Project, Wyo.

BID OPENING POSTPONED

GILA VALLEY PROJECT, Ariz.—Until Dec. 4, 10 A. M. (date postponed from Dec. 2, previously reported) bids will be received by Bureau of Reclamation, Federal Bldg., Yuma, under Spec. No. 657, for constructing earthwork and tunnels, Station 17 plus 50 to Station 942 plus 60, Gravity Main Canal, Gila Valley Proj, Ariz.

November 19, 1935

BID OPENING POSTPONED

YAKIMA PROJECT, Wash.—Until December 3, 10 A. M. (date postponed from December 2, previously reported) bids will be received by Bureau of Reclamation, Yakima, Wash., under Spec. No. 652, for construction of Tunnels Nos. 1, 2, and 3, Yakima Ridge Canal, Roza Division, Yakima Project.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

$415,000 S. F. Sewer Bids December 6

Commission Sets New Truck Rate Hearings

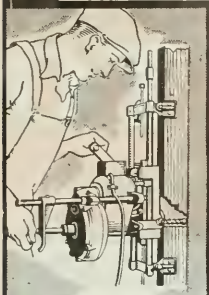
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ember 30, 1935

Vol. XVIII—No. 48

WAPPAT Electric TOOLS



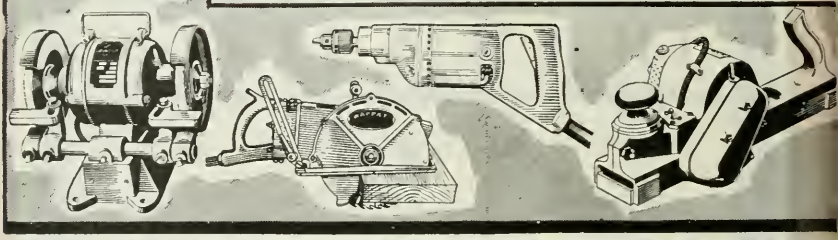
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PUBLIC LIBRARY

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., NOVEMBER 30, 1935 No. 48

MONTH'S PERMITS FOR RESIDENCES INCREASE 34%

U. S. Survey Shows Gains From September Awards

Most pronounced increase in building during October over the previous month was in residential building, states the monthly report of the U. S. Bureau of Labor Statistics. This class of work gained more than 34 per cent.

"Virtually all parts of the country shared in the increase," the report continues. "The value of all building construction for which permits were issued during the month increased 17.6 per cent, the total valuation being $87,145,000 as against $74,100,000 in September.

"Compared with a year ago, the value of buildings for which permits were issued shows an increase of 78.1 per cent. The October permit valuation for residential buildings was nearly three times as great as during the same month of the preceding year. The value of both residential and nonresidential construction in October 1935 was greater than in the corresponding month of any year since 1931."

The percent of change from September to October 1935 for the different types of construction is indicated: below

Type of Building	No.	Est. Cost
New residential	+15.5	+34.2
New nonresidential	+20.7	+ 8.9
Additions, alterations, repairs	+ 4.0	+ 8.8
Total	+ 8.5	+17.6

The percent of increase in October over the same month of a year ago is shown, by type of construction, in the following table:

Type of Building	No.	Est. Cost
New residential	+146.7	+197.7
New nonresidential	+ 27.2	+ 56.7
Additions, alterations, repairs	+ 7.1	+ 24.4
Total	+ 19.4	+ 78.1

New dwellings for which permits were issued during October will provide living quarters or 8,574 families, an increase of 158 percent as compared with October of the preceding year.

MADERA GYM TO BE AWARDED

MADERA, Nov. 25 — Midstate Construction Co., Power Building, Fresno, today submitted the low bid for constructing a reinforced concrete gymnasium building at Madera Union High School. The low bid was $58,797. Recommendation for award was made, however, on an alternate figure at $49,647 to bring the contract price within funds available. The building is financed in part with a PWA grant of 45 percent of the cost.

Plans were prepared by Architect E. Ernst, Stockton.

Wold Low Bidder On City School General Contract

C. L. Wold Construction Co., Ltd. 4412 Fulton street, Wednesday submitted a low bid of $152,229 to the San Francisco Department of Public Works on the general contract for construction of Agassiz school at Bartlett and Twenty-second Sts.

Herman Lawson Co., 465 Tehama street, was low bidder at $24,680 for mechanical equipment and plumbing. For electrical work Lynn & Heffernan, 114 Ashton avenue, submitted a low proposal of $17,740.

Total bids on the general contract were:

C. L. Wold	$152,229
Monson Brothers	152,400
Einar C. Petersen	157,790
DeLuca & Son, Inc.	157,988
Anderson & Ringrose	159,000
A. Nelson, Inc.	162,117

Plans for the Agassiz school building, which will contain twelve classrooms, were prepared by Architects Masten & Hurd. Walter Huber is structural engineer and Leland & Haley are electrical engineers for the project.

Low proposal for construction of the auditorium at Daniel Webster school was submitted by Monson Bros., 475 Sixth St., at $42,219. Other bidders were F. C. Amoroso and Sons, $42,868; C. L. Wold, $45,266, and Frank J. Reilly, $49,331.

BIDS CALLED FOR ALEMANY SEWER WORK

City To Proceed With Big PWA Project; Suit Pending

Bids for construction of the first unit of the $710,000 Alemany sewer extension will be opened December 6 by the San Francisco Department of Public Works, it was announced Wednesday. Cost of the unit now out for bids is estimated by City Engineer John J. Casey at approximately $415,000. An allotment of PWA funds has been made for the project contingent upon immediate construction.

The extension advertised Wednesday will run in Industrial street from Elmira to Selby, and in Selby from Industrial to Hudson.

It will be a two-compartment reinforced concrete sewer supported on piles. Principal bidding items include 3152 feet of two-compartment 8½- by 11-ft. reinforced concrete sewer; 145,000 feet of piles; 6304 feet of 12-inch vitrified clay pipe underdrain.

The Department of Public Works has proceeded with advertising of the project on the opinion of City Attorney O'Toole that it will be possible to construct the sewer extension, according to Director Wm. H. Worden. Mr. Worden said a friendly suit to determine the legality of financing the city's share in the project from unsold bonds authorized for the original Alemany sewer is pending.

The Department also authorized two other projects for advertising Wednesday.

Bids will be opened December 11 for construction of four reinforced concrete fire cisterns to cost about $28,000. The cisterns will have capacities of 75,000 gals. each. They will be located at Van Ness Ave. and Broadway, Union, Lombard and Bay streets.

Proposals for asphalt pavement and concrete curbs at Rossi playground on Rossi avenue between Anza and Turk streets also will be opened December 11. Cost of the work is estimated at $2120.

DIESEL POWER VOTE ADVISED IN PALO ALTO

City Expects Time Extension For $218,000 Grant From PWA

The Palo Alto Board of Public Works has recommended an early vote on a bond issue of $360,000 to supplement a grant of $218,100 which has been allocated by PWA toward construction of a Diesel-operated electric power plant. Early action by the city council to place the bond proposal on a ballot at a special election is expected.

L. Harold Anderson, manager of utilities, and Arnold Rumwell, city attorney, were sent to Washington to negotiate with PWA for an extension of time beyond December 15 in which to accept the proferred grant. It is understood that assurance of an extension was given provided the city showed its intention of proceeding with an election immediately.

The total cost of installing four Diesel units and constructing oil storage facilities on the waterfront and pipe line to the power plant is estimated at $550.000.

The report of the board of public works to the city council states:

"The board of public works recommends to city council the submission to the people of an 18-year bond issue for $360,000 for the enlargement of the diesel electric generating plant to a capacity sufficient to carry Palo Alto's entire load. The report of the director of utilities regarding the economic savings possible from the construction of this proposed plant, together with the report of Lester S. Ready and Carl A. Heinze, consulting engineers, is transmitted herewith to the board.

"The board of works wishes to call the attention of the council to the conservative basis of the estimates contained in these reports. Thus the prospective growth of the city has been estimated conservatively; the interest rate has been estimated at four percent, although it seems probable that money can be borrowed at a lower rate; oil, now purchasable at $1.16 per barrel, is estimated at $1.25 in one set of calculations and at $1.50 in another set. Also in the report of the director of utilities the efficiency of the diesel units has been estimated as 12 per cent to 20 per cent lower than the efficiency which our consulting engineers tell us is obtainable.

"Under the conservative estimates of $1.25 oil and an economy of 11 kilowatt hours per gallon of fuel, the prospective saving to the people of Palo Alto in a 14-year period is estimated at over $500,000; under the unfavorable assumptions of $1.50 oil and an economy of 10 kilowatt hours per gallon of fuel, the prospective saving is still over $275,000 in this period."

Contractors Bid Close To Estimates On $690,000 Work-Relief Highway Jobs

(SPECIAL TO DAILY PACIFIC BUILDER)

SACRAMENTO, Nov. 27.—Bids were received here today by th State Division of Highways for six contracts, five of them to be f nanced with Federal emergency highway funds. The low bids aggr gated $690,000. Only one bid exceeded the amount programmed for th contract.

The largest contract offered today was for constructing an overhea crossing near Tracy, San Joaquin County. The low bid was submitte by Lindgren & Swinerton, Inc., of San Francisco, at $223,255. The bid exceeded the original estimate by approximately twenty thousand dollars.

Following are the bids received:

Lindgren & Swinerton Inc. San Francisco	$223,255
F. O. Bohnett, Campbell	223,373
Bodenhamer Const. Co., Oakland	225,637
Rocca & Co., San Rafael	225,955
Macdonald & Kahn Co., S. F.	239,876
Union Paving Co., S. F.	241,520
Paul J. Tyler and Lord and Bishop, Sacramento	245,692
M. B. McGowan and C. W. Caletti, San Francisco	249,538
Healy-Tibbitts Const. Co., San Francisco	252,122

For widening roadbed on a 14-mile section in Tehama County, including applying plant-mix surfacing, the low bid was submitted by Hemstreet & Bell, Marysville. The bids were:

Hemstreet & Bell, Marysville	$146,014
Union Paving Co., S. F.	146,605
A. Teichert & Son, Inc., Sacramento	146,714
Pacific States Const. Co., S. F.	165,277
Heafey-Moore Co., Oakland	178,786
J. A. Casson, Hayward	184,971
Peninsula Paving Co., S. F.	185,607

Three bids were received on the only contract in today's schedule which is financed with regular highway funds and is not subject to Works Program restrictions. The job is located in Tulare County, and is for grading 6 6 miles and surfacing with road-mix.

The bids were:

Union Paving Co., S. F.	$147,771
Basich Bros., Torrance	150,071
A. Teichert & Son, Inc., Sacramento	152,182

Following are the bids for grading and surfacing with road-mix in Tuolumne County, a section of 3.4 miles:

Union Paving Co., S. F.	$104,233
Biasotti, Willard and Biasotti, Stockton	108,649
M.J.B. Const. Co., Stockton	116,785
Hemstreet & Bell, Marysville	116,916
Peninsula Paving Co., S. F.	129,979

Following are the bids for grading about two miles in Mendocino County, the section to be gravel surfaced and asphalt treatment applied:

N. M. Ball Sons Co., Berkeley	$38,488
Hemstreet & Bell, Marysville	42,943
Claude C. Wood, Stockton	43,508

Stewart and Nuss, Inc., and John Jurkovich, Fresno, at $30,244 submitted the only bid received for 1.6 miles of grading in Fresno County.

FIRST CONTRACT FOR 1938 FAIR IS ADVERTISED

Bids To Open Same Dat On Initial Job Of Valley Project

Bids on the first contracts adve tised in two major construction pr grams each of which will bring su sequent millions of dollars into th industry will be opened Decemb 9. They are for an administrati building for the 1938 San Francis Bay Exposition, and test borings the site of the $3,500,000 rail a highway bridge over the Pit Rive funds for which are included in th initial $15,000,000 allotment to th Central Valleys project.

The contract for test borings w authorized for advertising last we by State Director of Public Worl Earl Lee Kelly on specificatio prepared by F. W. Panhorst, acti bridge engineer. Bids will be o ened by the State Division of Hig ways in Sacramento.

Engineering parties from the S. Bureau of Reclamation at pre ent are engaged in surveying wo at the site of Kennett dam.

Proposals for construction of a administration building at Bu and Stockton streets in San Fra cisco for the shoals airport, site which first will be used for the 19 exposition, will be opened by t San Francisco Public Utilities Co mission. The administration bui ing will be a three-story reinforc concrete structure to cost abo $85,000.

A PWA grant was allotted t shoals airport project on the ba of a total cost of $4,209,609. T San Francisco Bay Exposition Co pany, which will turn the sho site over to the city for use as airport after the exposition clos is supplying the balance of fun for the project.

IN NEW OFFICE

Architect G. A. Lansburgh moved to the Bond building, Bush street. He formerly was cated at 140 Montgomery street.

STATE INVITES BIDS DEC. 18-19 ON SEVEN JOBS

Los Angeles Grade Separations Included in $2,239,000 To Be Contracted

SACRAMENTO, Nov. 26. — Bid s were issued today by the State Division of Highways on seven additional contracts in the emergency work programs, virtually completing the advertising of projects thus authorized under both highway improvement and grade separation funds. Bids are to be opened on two contracts in Sacramento, December and on five contracts in Los Angeles, December 19.

There has been programmed $2,000 from the Federal allotment for work-relief money for the seven projects.

Four grade separation structures in Los Angeles were advertised for contract today, which obligates the state's entire grade crossing elimination allotment, excepting the $ set aside for four projects. Since the grade separation program commenced 35 contracts have been advertised, some of which already have been awarded. Today's list includes the largest contract in the program, the Figueroa street viaduct in Los Angeles, estimated to cost $703,000.

Three highway improvement projects also were released today, one each in Santa Cruz, Mendocino and Los Angeles counties. This leaves only seven in the authorized program of fifty WPH projects yet to be advertised. However, the original program includes only about twenty-eight per cent of the state's apportionment from the Federal fund, the balance having been reduced when the program was made to principally to be used on the Bay approach to the Golden Gate Bridge. With the abandonment of that project for Federal financing, it is expected the additional money will be programmed to other projects, subject to approval of the U. S. Bureau of Public Roads.

The following are the contracts advertised today. (Complete list of the items appears in the Advance Report Section):

Mendocino: Between Longvale and Dos Rios, about fourteen and three-five-tenths miles to be graded; WPH program, $304,732.

Santa Cruz: Through the town of Boulder Lomond, about five-tenths of a mile to be graded, surfaced with bituminous macadam on crusher run base and two bridges to be constructed; WPH program, $43,000.

Los Angeles: Overhead crossing of the tracks of the Southern Pacific Railroad and the Los Angeles Railway at Figueroa Street, $703,000; overhead crossing over Valley Boulevard and tracks of the Southern Pacific Railroad at Soto Street, $105,500; undergrade crossing between tracks of the Union Pacific Railroad at Soto Street, $227,660; undergrade crossing beneath tracks of the Pacific Electric Railway at Mission Road, $382,320; between Camp Bonita and Follows Camp, about two and two-tenths miles to be graded and steel stringer bridge constructed, $372,600.

BURR LOW ON DOS PALOS WORK

DOS PALOS, Nov. 25. — Low bid for constructing a municipal water system, a PWA project, was submitted today to the Dos Palos City Council by P. L. Burr, 320 Market St., San Francisco. His bid was $58,620. Other bids received were: Oakland Sewer Construction Co., $62,588; W. J. Tobin, $62,955; Robt. B. McNair, 64,360; A. Soda & Son, $64,400; E. J. Treacy, $68,823.

The contract includes constructing a supply line from the San Joaquin and Kings River Canal Co. reservoir, a filtering and purification system and distributing lines. John S. Bates of Berkeley is consulting engineer.

Voters Endorse Two PWA Projects; City Hall Loses

Voters in two Shasta county school districts authorized bonds at special elections last week to complete financing of new buildings. Two other proposed PWA building projects were turned down by voters in Contra Costa county.

The El Cerrito City Hall bond issue of $17,000, toward which PWA has allocated a grant of $10,000, was defeated, as was an issue for $27,000 sought to construct a $53,000 school auditorium in Lafayette School District. The latter bond proposal was voted down for the second time.

Redding grammar school district voters approved a $50,000 issue to be added to a PWA grant of 45 per cent of the cost of a $76,000 classroom and auditorium building. The structure is designed by Architects Masten and Hurd, San Francisco. Bids will be received December 3.

Shasta grammar school district, near Redding, reported a unanimous vote of 68 ballots cast for a $5500 bond issue to be used in constructing a $20,000 building. Balance of the money required is expected from WPA.

ARCHITECTURAL CLUB FROLIC DECEMBER 6

Plans for the Beaux Trts Frolic of 1935, annual celebration of the San Francisco Architectural Club to be held December 6 at the Lido Cafe, 901 Columbus avenue, are nearing completion, according to Chairman Walter Clifford of the committee in charge.

RAIL BOARD TO REVIEW TRUCK RATES

New Hearings Called For Study of Equipment Rent Schedule

Hearings to consider a revised rate structure for dump truck operation have been called by the California State Railroad Commission, Warren K. Brown, director of transportation, announced yesterday. The dump truck industry is operating under a temporary rate schedule ordered by the commission several weeks ago on application of truck owners associations of northern and southern California.

The commission has set hearings at Los Angeles, December 12, and at San Francisco, December 19.

The following statement was issued by J. G. Hunter, transportation engineer, relative to the commission's program:

"The California Railroad Commission is now making an investigation, looking toward the determination of minimum rates for dump truck operators in this state. The commission has heretofore issued an order prescribing minimum rates, based upon water level measurement at an hourly rate. These rates were prescribed with the definite understanding that they would be on a temporary basis until the commission could make further investigation.

"The commission has instituted a new investigation, dealing with the matter of fixing rates for dump truck operation (Case No. 4087) and has set the time for public hearing in this matter at Los Angeles, December 12, 1935, and San Francisco December 19, 1935. At these hearings all interested parties will be invited to participate in the way of outlining their particular problems as well as urging specific rate structures based upon costs of providing the service and other elements that have a bearing on this matter. Following the receipt of the testimony in this proceeding, the commission will issue another order prescribing rates for dump truck operation, based upon the evidence adduced at these hearings.

"There have been some requests for an additional form of rate on a ton-mile basis and it is the commission's plan to develop a rate structure that will meet the entire situation. It is, therefore, important that the dump truck industry, both the operator of the dump truck and the interests paying for this service, make available to the commission all the information possible in order that a comprehensive record will be developed."

October shipments of electric industrial trucks and tractors, as reported to the Bureau of the Census by ten leading manufacturers, totaled 117, as compared with 80 in September and 45 in October, 1934.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1279	Matheson	Erickson	2850
1280	Clarke	Barrett	1000
1281	Grimes	Morris	4000
1282	King	Rasmussen	9000
1283	Brandt	Owner	4000
1284	King	Rasmussen	10000
1285	Campbell	Arnott	6000
1286	Briano	Owner	2000
1287	Kerhulas	Owner	2000
1288	Pacific	Jacks	5000
1289	Chanslor	Walker	2000
1290	Clarke	Barrett	1000
1292	Meyerhoff	Van Aalst	5000
1293	Peterson	Fortulo	2000
1294	Carraro	Owner	2250
1295	Carraro	Carraro	2250
1296	Ray	Mission	15000

ALTERATIONS
(1279) 164 DAY ST. Alter dwelling.
Owner—Mr. and Mrs. M. Matheson, 164 Day Street.
Architect—Not Given.
Contractor—Henry Erickson, 972 Chenery St. $2850

ALTERATIONS
(1280) SW HOWARD and Russ Sts. Alter store and plant.
Owner—Clarke Estate, premises.
Architect—Ellison & Russell, 712 Pacific Bldg.
Contractor—Barrett & Hilp, 918 Harrison Street. $1,000

DWELLING
(1281) NE PACHECO 154 S Ariel Way. One-story and basement frame dwelling.
Owner — E. T. Grimes, 810 Pacheco St., San Francisco.
Architect—Harold G. Stoner, % Contractor.
Contractor—A. T. Morris & Sons, 5400 Fulton St., S. F. $1000

FLATS
(1282) E TWENTY-SIXTH AVE. 50 N Fulton St. Two-story frame flats.
Owner—M. J. King and V. Rasmussen 1690 Beach St., San Francisco.
Architect—S. A. Colton, % contractor.
Contractor — Viggo Rasmussen, 1690 Beach St., S. F. $9000

DWELLING
(1283) W VAN NESS AVE. SOUTH 173 N 24th St. One-story and basement frame dwelling.
Owner—John Brandt, 2827 Mission St. San Francisco.
Architect—Not Given. $4000

FLATS
(1284) E TWENTY-SIXTH AVE. 75 N Fulton St. Two-story frame flats.
Owner—M. J. King and V. Rasmussen 1690 Beach St., San Francisco.
Architect—S. A. Colton, % contractor.
Contractor — Viggo Rasmussen, 1690 Beach St. $10,000

DWELLING
(1285) NW TWENTY-SIXTH AVE. and Eucalyptus St. One-story and basement frame dwelling.
Owner—E. B. Campbell, 2351 21st Ave. San Francisco.
Architect—Not Given.
Contractor—Jas. Arnott & Son, 633 Taraval St., S. F. $6000

ALTERATIONS
(1286) 273 GREEN ST. Alter apts.
Owner—Frank Briano, premises.
Architect—Not Given. $2000

ALTERATIONS
(1287) 182 THIRD ST. Alter restaurant.
Owner—T. Kerhulas, premises.
Architect—Not Given. $2000

ALTERATIONS
(1288) 84 WEST PORTAL Ave. Alter bank and store.
Owner—Pacific States Savings & Loan Co., 745 Market St.
Architect — Albert F. Roller, Crocker First National Bank Bldg
Contractor—Jacks & Irvine, 620 Market Street. $5,000

ALTERATIONS
(1289) SE POLK AND ELLIS STS. Alter sales building.
Owner — Chanslor & Lyons Stores, Inc., 740 Polk St., San Francisco.
Architect—Not Given.
Contractor — P. J. Walker Co., 608 Sharon Bldg., S. F. $2000

ALTERATIONS
(1290) SW HOWARD AND RUSS Streets. Alter store.
Owner—Clarke Estate, Premises.
Engineers—Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $1000

BUILDING
(1291) N ELLIS ST. 130 E Larkin St. Class D commercial building.
Owner—Gilroy Co., % Contractor.
Architect—S. A. Colton, 544 Market St., San Francisco.
Engineer—W. L. Huber, % Contractor.
Contractor—D. L. Bienfield, 666 Mission St., San Francisco. $18,000

ALTERATIONS
(1292) NO. 231-233 POST ST. Alter store and loft.
Owner—Carmelita Meyerhoff and Hildegrade Melsheimer., Traben Trarbach and Goettengen, Germany.
Architect—Not Given.
Contractor—George Brunno Van Aalst, 41 West Portal. $5000

ALTERATIONS
(1293) NO. 627 LONDON STREET. Alter dwelling.
Owner—M. Peterson, Premises.
Architect—Not Given.
Contractor—F. Portulo, 1279 43rd Ave. San Francisco. $2000

DWELLING
(1294) W GIRARD ST. 50 N Dwight. One-story and basement frame dwelling.
Owner—P. Carraro, 1129-A Guerrero St., San Francisco.
Architect—Not Given. $2250

DWELLING
(1295) E DARTMOUTH ST. 75 N Felton St. One-story and basement frame dwelling.
Owner — G. Carraro, 750 Felton St., San Francisco.
Architect—Not Given.
Contractor — G. Carraro & Sons, 750 Felton St., S. F. $2250

MARKET BLDG.
(1296) NW WEST PORTAL 199 SW Vicente St. One-story Class C reinforced concrete market bldg.
Owner — Wm. R. Ray, 1370 Harrison St., San Francisco.
Plans by H. H. Soull.
Engineers—Ellison & Russell. $15,000

ALAMEDA COUNTY

No.	Owner	Contractor	Am
974	Modern	Owner	15
975	Kearns	Von Bokkelen	24
976	Windsor	Windor	4[illegible]
977	Atkinson	Atkinson	5[illegible]
978	Kings	Stolte	15[illegible]
979	Stgner	Erickson	10
980	Gezo	Rose	1[illegible]
981	MacKinnon	Caskey	19
982	Haake	Owner	2[illegible]
983	Young	Gaskill	20
984	Lein	Tarman	10
985	Raesling	Armstrong	110
986	Harrison	Armstrong	85
987	Poole	Walstrom	13
988	Dowling	Owner	40
989	Dowling	Owner	45
990	Netherby	Owner	40
991	Nicholson	Nicholson	40
992	Davies	Dawe	60
993	Prudential	Owner	14
994	Dreisbach	Owner	70
995	PIrang	Owner	55

ALTERATIONS
(974) 3270-76 GRAND AVE., OA[illegible] LAND. Alterations and additio[illegible]
Owner and Builder—Modern Food C[illegible] 5725 E 14th St., Oakland.
Architect—Not Given. $1[illegible]

REPAIRS
(975) 7012 HEMLOCK Street, OA[illegible] LAND. Fire repairs.
Owner—R. J. Kearns, 7012 Hemlo[illegible] St., Oakland.
Architect—Not Given.
Contractor—W. K. Von Bokkelen, [illegible] Hobart St., Oakland. $2[illegible]

DWELLING
(976) 5646 MAXWELTON RD., OA[illegible] LAND. One-story 5-room dw[illegible]ing.
Owner—Martha Windsor, 928 Kings[illegible] Ave., Piedmont.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kin[illegible]ton Ave., Piedmont. $4[illegible]

(977) 434 GRIZZLY PEAK BLV[illegible] BERKELEY. Nature of work [illegible] given.
Owner and Builder—C. Atkinson Re[illegible]ty Syndicate Bldg., Oakland.
Architect—Not Given. $5[illegible]

HOME
(978) 3900 BROADWAY, OAKLA[illegible] Two-story 10-room brick and c[illegible]crete home.
Owner—Kings Daughters Home, pre[illegible]ises.
Architect — Julia Morgan, Mercha[illegible] Exchange Bldg., San Francis[illegible]
Contractor—F. C. Stolte Co., 3455 [illegible]guna Ave., Oakland. $15,[illegible]

ALTERATIONS
(979) 6030 HOLWAY ST., OAKLA[illegible] Alterations and addition.
Owner—H. C. Stgner, premises.
Architect—Not Given.
Contractor—John Erickson, 1299 P[illegible] St., Alameda. $1[illegible]

REPAIRS
(980) 3435 GROVE ST., OAKLA[illegible] Fire repairs.
Owner—Mrs. J. M. Gezo.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th [illegible] Oakland. $1[illegible]

ALTERATIONS
(981) 3700 PATTERSON AVE., OA[illegible] LAND. Alterations.

Owner—Hugh MacKinnon.
Architect—Not Given.
Contractor—H. T. Caskey, 4215 Carson St., Oakland. $1900

STORE
(982) 5754 FOOTHILL BLVD., **OAKLAND.** One-story store.
Owner and Contractor—E. J. Saake, 525 14th St., Oakland.
Architect—Not Given. $2500

DWELLING
(983) 2333 WARD ST., **BERKELEY.** Two-story 3-room frame dwelling.
Owner—Rebecca Young, premises.
Architect—Not Given.
Contractor—D. W. Gaskill, 3041 Hillegass, Berkeley. $2000

STATION
(984) NO. 250 EIGHTH ST., **OAKLAND.** One-story steel service station.
Owner—Fred Lein.
Architect—Not Given.
Contractor — J. H. Tarman, 5000 Broadway, Oakland. $1000

DWELLING
(985) NO. 6041 ACACIA AVENUE, **OAKLAND.** Two-story 8-room dwelling.
Owner — N. F. Raesling, Broadway, Terrace, Oakland.
Architect—F. L. Confer, Russell St., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $1,000

DWELLING
(986) 6107 ASCOT DRIVE, **OAKLAND.** Two-story 7-room dwlg.
Owner—Dr. S. W. Harrison, Wakefield Bldg., Oakland.
Architect—Not Given.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $8500

ADDITION
(987) NO. 286 LENOX AVENUE, **OAKLAND.** One-story concrete addition.
Owner—Mrs. Poole, Premises.
Architect—Not Given.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $1300

DWELLING
(988) NO. 3234 MORCOM AVENUE, **OAKLAND.** One-story five-room dwelling.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4000

DWELLING
(989) NO. 3238 MORCOM AVENUE, **OAKLAND.** One-story six-room dwelling.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4500

DWELLING
(990) NO. 474 VASSAR STREET, **BERKELEY.** Two-story 5-room frame dwelling and garage.
Owner—W. A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given. $4000

DWELLING
(991) NO. 90 ALAMO ST., **BERKELEY.** One-story six-room frame dwelling.
Owner — N. Nicholson, 550 Blossom Way, San Leandro.
Architect—L. Hannaford.
Contractor—D. W. Nicholson, 550 Blossom Way, San Leandro. $4000

DWELLING
(992) NO. 650 EUCLID AVENUE, **BERKELEY.** Two-story six-room frame dwelling and garage.
Owner — C. E. Davies, 449 Coventry Road, Berkeley.
Architect—Not Given.
Contractor—S. C. Dawe, 649 Coventry Road, Berkeley. $6000

ALTERATIONS
(993) NO. 732 CRAGMONT AVE., **BERKELEY.** Alterations.
Owner—Prudential Insurance Co., 372 17th St., Oakland.
Architect—Not Given. $1400

FLATS
(994) NO. 1411 E-TWELFTH ST., **OAKLAND.** Two-story 10-room flats and stores.
Owner—Dreisbach Coal & Wood Co., Premises.
Architect—Not Given. $7000

DWELLING
(995) NO. 144 ALTA ROAD, **OAKLAND.** One-story 6-room dwlg.
Owner—C. J. Pfrang, 6300 Claremont Ave., Oakland.
Architect—Not Given. $5500

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
153	Gilboy	Bienfield	21048

BUILDING
(153) N ELLIS ST. approx 91 ft. S in. E Larkin. One-story and mezzanine Class B bldg.
Owner—The Gilboy Co., 545 Eddy St.
Architect—Sidney A. Colton, 544 Market Street.
Contractor—D. L. Bienfield, 666 Mission Street.
Filed, Nov. 21, '35. Dated, Nov. 20, '35

Structural steel up	$3946.50
Concrete poured in walls	3946.50
Roof on	3946.50
Completion	3946.50
Usual 35 days	5262.00
TOTAL COST.	$21,048.00

Bond, $10,524.00. Sureties, Maryland Casualty Co., Baltimore. Limit, 65 days. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

ALTER warehouse, $665; 366 Tehama St.; owner, Signal Oil Co., 2301 Blanding St., Alameda; contractor, Fred J. Early Jr., 369 Fine St.
FLUES, $50; W Alemany 50 S Theresa St.; owner, L. Depaoli, 3289 Mission St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
ALTER store, $400; 476 Geary St.; owner, Dr. Raoul Blanguie, % Contractor; contractor, Seymour Showcase & Fixture Corp., 251 Post St.
ALTER dwelling, $50; 809 Fell St.; owner, Walter F. Popley, Prem.
ALTER beauty parlor, $50; 26 Gough St.; owner, Tarantino, Premises; contractor, Unger Elec. Co., 675 Laguna Honda.
SIGN, electric, $200; 1544 Fillmore St.; owner, Split Nickel Store, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $200; 2092 Divisadero St.; owner, Frank Adams, Prem.; contractor, Wonderlite, 170 Otis.
SIGN, electric, $350; 961 Market St.; owner, Steinberg's Shoe Store, Prem.; contractor, Novelty Elec. Sign Co., 66 Washburn St.
BARBER pole, $100; 3135 Clement St.; owner, Max Favsner, Premises; contractor, H. & H. Elec. Co., 2093 15th St.
ALTER dwelling, $762; 1915 Pierce St.; owner, Walter Lyons, Prem.; contractor, Felix E. Welch, 1430 Larkin St.
BILLBOARD, $7; S Turk 91 W Buchanan Street; owner, Foster & Kleiser Co., 1675 Eddy St.
FLUES, $50; W Alemany 25 S Theresa St., owner, L. Depaoli, 3289 Mission St., contractor, Precita Sheet Metal Works, 3119 Harrison
SIGN, electric, $200; 2-6 Chestnut St.; owner, Split Nickel Store Premises; contractor, Brumfield Elec. Sing Co., 965 Folsom St.
ALTER apartments, $290; 82 Geary St.; owner, Castle Apartment Co., Prem.; contractor, Patterson & Koster Iron Works, Inc., 2867 4th Street.
SIGN, electric, $150; 482 Ellis Street owner, M. McDonald, Premises; contractor, Brumfield, 965 Folsom
SIGN, 974; Market St. at Eddy and Powell Sts.; owner, Gray's Clothing Store, Premises; contractor, De Vaux Signs, 567 Valencia St.
ALTER store, $35; 2026 Irving St.; owner, J. H. Gwinn Estate, 11 Martha St., Petaluma.
ALTER woodshed, $7; 40 Gaven St. (rear); owner, Ralph Rodriguez, Premises.
ALTER dwelling, $200; 24 Regent St.; owner, Mrs. R. Denatale, Prem.; contractor, S. Goyorfi, 257 Peralta Avenue.
SIGN, electric, $200; 5623 Geary St.; owner, Split Nickel Store, Prem.; contractor, Brumfield Elec. Sign Co., 965 Folsom St.
SIGN, electric, $175; 8 12th Street; owner, Rice Securities Co., Prem. contractor, Brumfield. Elec. Sign Co., 965 Folsom St.
SIGN, electric, $200; 2508 Mission St.; owner, California Optical Co., 2508 Mission St.; contractor, Novelty Elec. Sign Co., 66 Washburn St.
SIGN, electric, $40; 140 Leavenworth; owner, Goodness Candies, premises; contractor, Laib, Seventh & Folsom Sts.
FLUE, 1 patent, $23; 4965 Mission St., owner, Mrs. E. Berndt, 2961 Harrison St.; contractor, New Mission Sheet Metal Works, 3401 Mission.
FLUES, 3 patent, $50; 425 Magellan; owner, D. Tiscornia, 1651 Alemany Blvd.; contractor, New Mission Sheet Metal Works, 3401 Mission.
ALTER dwelling, $25; 774 Carmelita; owner, C. D. Trueman, premises.
ALTER cafe, $150; 836 Divisadero St; owner, T. Toso, premises.
ALTER cafe, $300; 101 Mission St.; owner, E. S. Sullivan, 753 Monadnock Bldg.; contractor, A. Strate, 190 Moneta Way.
ALTER cafe, $100; 2974 16th St.; owner, P. McCarthy, premises; contractor, A. H. Davie, 33 Camp.
ALTER dwelling, $800; 1550 Church; owner, J. F. Andrade, premises.
SIGN, $10; SW Pacific and Polk St.; owner, General Petroleum Corp., Oakland.
SIGN, electric, $100; 1207 Fillmore St.; owner, Jack Harris premises; contractor Neon Sign Service Co., 1707 Folsom Street.
GARAGE, 1-story frame, $200; rear 1628 Lake St.; owner, R. R. Birch, premises; contractor, L. A. Hinson, 756 4th Ave.
SIGN, electric, $200.00; 709 Monterey; owner, Monterey Food Palace, 779 Monterey; contractor, QRS Neon Corp., Ltd., 690 Potrero.
SIGN, electric, $100; 76 Summer; owner, L. C. Marty, premises; contractor, Neon Sign Service Co., 1707 Folsom St.
SIGN, electric, $125, 225 Eddy St. (in parking lot), owner, Hotel Clark, 217 Eddy St.; contractor, Electrical Prod. Corp., 255 Golden Gate.
SIGN, electric, $200; 354 Geary St.; owner, Solari's Grill, premises; contractor, Elec. Prod. Corp., 255 Golden Gate Ave.
ALTER dwelling, $150; 159 Liberty; owner Anglo Calif. National Bank, 1 Sansome St.; contractor, Bay Cities Contracting Co., 499 Natoma Street

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Banks
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

3— CHURCHES

Planned.

CHURCH Cost, $40,000
RICHMOND, Contra Costa Co., Cal.
New church building.
Owner — First Presbyterian Church (Chas. W. W. St. Johnson, Pastor), Richmond.
Architect—Not Selected.

4— FACTORIES & WAREHOUSES

CONTRACT AWARDED

LA VERNE, Los Angeles Co., Cal. —H. M. Hanawalt, 2151 D St., La Verne, has contract for additions to a fruit packing plant in La Verne for the La Verne Cooperative Citrus Association; C. I. Cartwright, manager. Cost, $42,000.

Being Done By Day's Work

FACTORY Cost, $5,000
SAN FRANCISCO, Calif., S. Williams St., 397 ft. W. Newhall.
One-story factory (40x150 feet) wood etc.
Owner—Pacific Can Co., premises.
Engineers—Ellison & Russell, Pacific Building.

Bids Opened

COTTON COMPRESS UNIT Cost, $60,000
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton, Port Commission (B. C. Allin, Secretary).
Plans by Engineering Dept. of Owner.
Low Bidder—O. H. Chain, 41 S. Sutter St., Stockton.
Complete bids follow:
O. H. Chain.. ..... $43,980
J. C. Meyers..... 44,747
H. H. Henning..... 44,998
All of Stockton.
Recommendation made to PWA that contract be awarded low bidder.

Contract Awarded

TRANS. BLDG. Cost, $21,048
SAN FRANCISCO. N Ellis Street 91 E Larkin.
One-story and mezzanine floor Class B reinforced concrete and steel transportation building (steel sash, steel trusses, metal roof, office and toilet facilities, cement floors, etc.)
Owner—The Gilboy Co., 545 Eddy St.
Architect—Sidney A. Colton, 554 Market Street.
Contractor—D. L. Blenfield, 666 Mission Street.

Sub-Contracts Awarded.

WAREHOUSE Cost, $8000
STOCKTON, San Joaquin Co., Calif. No. 131 N. Edison Street.
One-story warehouse (Warehouse No. 5).
Owner — Taylor Milling Co., Stockton
Architect—Not Given.
Contractor — Western Industrial Engineering Co., 2223 E-37th Street, Vernon.
Electric — J. Grijalva, 1629 Stanford Ave., Stockton.
Sheet Metal — Ducommun Corp., 656 Townsend St., San Francisco.
Glass—Jack Tyre Glass Co., 2039 E. 38th St., Los Angeles.
Reinforcing Steel—Kyle & Co., West's Lane, Stockton.
Trusses—Summerbell Truss Co., 354 Hobart St., Oakland.
Lumber—E. J. Stanton & Son, Vernon.
Hardware—California Hardware Co., Stockton.

PREPARING PLANS

LOS ANGELES, Calif. — Albert Kahn, Inc., architects and engineers. New Center Bldg., Detroit, reports that plans for the automobile assembly plant to be built on a 43-acre site at Santa Fe Ave. and Tweedy Blvd., for the General Motors Corp., are in the preliminary stage and that it will be several weeks before they are well developed. Soil tests of the site, which covers an area of 840x560 feet, have been made by Raymond G. Osborne and forwarded to the architects. The plant will consist of a main structure, an office building, a cafeteria, loading dock and boiler plant. A large amount of concrete paving will be included in the improvements. The site is entirely fenced.

6—GARAGES & SERVICE STATIONS

Contract Awarded

GARAGE Cost, $5,000
SAN FRANCISCO, Calif., W. Fillmore, 107 ft. S. Broadway.
One-story frame garage.
Owner—George F. Volkman, 2307 Broadway.
Architect—Miss Julia Morgan, Merchants Exchange Bldg.
Contractor—N. F. Nielsen, 666 Mission Street.

Plans Being Prepared

SERVICE STATION Cost, $7,500
FRESNO, Calif., Van Ness Ave. and Amador Street.
Brick Service Station (50x150) feet).
Owner—General Petroleum Co 519 19th Street, Oakland.
Architect—Plans by Engineering Department of owner

Sub-Bids Being Taken.

ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz County, Cal. Lake and Main Streets.
One - story concrete addition to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

7— FEDERAL BUILDINGS

Bids Opened.

LODGE BLDG. ETC. Cost, $45,000
DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store bldg. (cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; two lodge halls, banquet hall and offices on second floor with stores on the ground floor.)
Owner—Crocker Lodge, F. & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Low Bidder—H. H. Larsen, 64 South Park, San Francisco.
Complete bids follow:
H. H. Larsen, San Francisco . $44,448
O. M. Rousseau, Inc., S. F..... 48,273
H. E. Rahiman, S. F..... 49,324
Jacks & Irvine, San Francisco.. 49,982
Hannah & Wooldridge, S. F..... 50,735
Miller & McGillis, S. F... 52,254
C. L. Wold Co., S. F..... . 54,293
Bids held under advisement for a few days.

Plans Being Completed.

BOATHOUSE, ETC. Cost, $——
POINT ARGUELLA, near Arlight, Santa Barbara Co., Calif.
Station dwelling and garage for coast guard station.
Owner—United States Government.
Plans by Construction Department of Coast Guard Headquarters, Washington, D. C
Bids will be asked in about two weeks.

Bids Opened.

POST OFFICE Cost, $——
NORTH HOLLYWOOD, Los Angeles Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Low Bidder — Theo. A. Beyer Corp., Chamber of Commerce Bldg., Los Angeles.
Complete bids follow:
Theo. A. Beyer Corp., Los Angeles $73,528
L. F. Dow Co., Los Angeles..... 74,000
Robert E. McKee..... 74,935
Schuler & McDonald, Oakland.. 76,400
Bids held under advisement.

Plans Being Completed.

BOATHOUSE, ETC. Cost, $35,000
EUREKA, Humboldt Co., Cal. (Humboldt Bay U. S. Coast Guard Station).
Boathouse, station building and marine launchway for coast guard station.
Owner—United Statese Government.
Plans by Coast Guard Headquarters Office, Washington, D. C.
Bids will be asked in about two weeks.

BIDS REJECTED

PEARL HARBOR, T. H.—Bureau of Yards and Docks, rejected bids received November 13, for the construction of storehouse, fire station and boat house at the Naval Fleet Air Base, Pearl Harbor, T. H. Spec. No. 8003. Lowest bid was submitted by the Young Engineering Corp., Honolulu, at $92,400.
New bids will be asked shortly.

LOW BIDDERS

SAN FRANCISCO. — Herring, Hall, Marvin Safe Company, 214 California St., at $27,400 submitted low bid to Treasury Department for vault entrance in the U. S. Mint, San Francisco.
Three low bids follow:
Herring, Hall, Marvin Safe Co.. $27,400
York Safe & Lock Co., S. F..... 31,980
Mosler Safe Co., Covington, Ky. 33,570
Complete bids will be given shortly.

Low Bidders.
POST OFFICE Cost, $83,000
SALINAS, Monterey Co., Cal. West Allsal, Howard, Church and Lincoln Streets.
One-story reinforced concrete Post Office (140x60 feet) tile floors in lobby, ornamental wainscoting.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Low Bidder — Frank J. Reilly, 6350 Fulton St., San Francisco, at $92,840.
Second low bid was submitted by Robert E. McKee, Los Angeles, at $99,600.
Complete bids will be published shortly.

BUILDING MATERIAL APPROVED

ANAHEIM, Orange Co. Calif.—Treasury Department approved the following building material and equipment awards for the construction of the Post Office at Ahaheim. G. F. Campbell Building Company, Los Angeles, general contractor.

Plumbing fixtures, Standard Sanitary Mfg. Co.; indirect water heater, Excelso Products Co., water supply pipe, Bridgeport Brass Co., pressure-reducing valve on water supply, Mueller Co.; relief valve, Mueller Co.; backwater valve, Josam Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; boiler, Kewanee Boiler Corp.; tube and wall radiators, Am. Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Jas. P. Marsh Corp.; air valves for radiators, Am. Radiator Corp.; oil heater electric, General Elec. Corp.; air valves for ends of steam mains, Am. Radiator Corp.; panel boards, Bull Dog Elec. Products Co.; main switch, Mullenbach Elec. Mfg Co.; flush switches, fan hangers and receptacles, Arrow-Hart & Hegeman Elec. Co.; r. c. wire, National Elec. Products Co.; pendent switches, Pass & Seymour; glassware, Gill Glass & Fixture Co. and Moe-Bridges Corp.; lighting fixtures, Perfeclite Co.

BUILDING MATERIALS APPROVED

SAN FRANCISCO — Treasury Department approved the following building material awards for the construction of the U. S. Mint in San Francisco. Clinton Constr. Co., 923 Folsom St., San Francisco, general contractors.

Plumbing fixtures, Standard Sanitary Mfg. Co.; chemical stoneware sinks and vats, General Ceramics Co.; mixing valve, Powers Regulator Co.; refrigerating machine, American Engineering Co.; acid-resisting pipe and fittings, Pacific Foundry Co.; copper water supply pipes, Revere Copper & Brass Co., Baltimore Tube Co. Div.; tin-lined pipe, Revere Copper & Brass Co., Baltimore Tube Co. Div.; nonconducting covering for plumbing, Armstrong Products Co. cork covering and Plant Rubber & Asbestos Wks. woolfelt; incinerator, San Francisco Fire Brick & Constn. Co.; tube radiators, Crane Co.; wall radiators, Crane Co.; blower air piping, Taylor Forge & Pipe Works; non-conducting covering for heating, Plant Rubber & Asbestos Co.; radiator valves, American Radiator Co.; unit heaters, C. A. Dunham Co.;automatic temperature regulators for unit heaters, Barber-Colman Co.; fan blast radiation, Crane Co.; lighting distribution panels, Drendell-Trumbell Elec. Mfg. Co.; feeder panels and main switchboard, Drendell-Trumbell Elec. Mfg. Co.; plug receptacles, Arrow-Hart & Hegeman Elec. Co.; flush switches, Bryant Elec. Co.; r. c. wire, Triangle Wire & Cable Co.; glassware, Phoenix Glass Co.; lighting fixtures, Severin Elec. Company.

Contract Awarded
POST OFFICE Cont. Price, $41,430
LODI, San Joaquin Co., Calif.
U. S. Post Office Building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.

Contract Awarded
POST OFFICE Cont. Price $48,760
SAN GABRIEL, Los Angeles Co., Cal.
U. S. Post Office Bldg.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Contractor—Campbell Const. Co., 951 S. Genessee St., Los Angelea.

Contract Awarded
POST OFFICE Cont. Price $71,347
WHITTIER, Los Angeles Co., Calif. Washington Ave. and Bailey St.
U. S. Post Office Building.
Owner—United States Government.
Architect — R. L. Warren, Emporium Bldg., Whittier.
Contractor—L. F. Dow Co., 1243 25th St., Santa Monica.
Complete bids published Sept. 23.

BUILDING MATERIALS APPROVED

ALHAMBRA, L. A. Co., Calif.—Treasury Department approved the following building material awards for the construction of the U. S. Post Office at Alhambra. Sarver & Zoss, 1015 W. 4th St., Los Angeles, general contractors.

Plumbing fixtures, Standard Sanitary Mfg. Co.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; pressure-reducing valve on water supply, Watts Regulator Co.; brass pipe, Chase Brass & Copper Co.; back water valve, Josam Mfg. Co.; relief valve on hot water storage tank, Watts Regulator Co.; back water cesspools, Thos. F. Butler; nonconducting covering for plumbing, Johns-Manville Co.; sump pump, Yeomans Bros. Co.; boiler, Kewanee Boiler Corp.; oil heater, Hot Stream Heater Co.; combination oil and gas burner, Enterprise Oil Burner Co.; tube and wall radiators, U. S. Radiator Corp.; nonconducting covering for heating, Johns-Manville Co.; angle radiator valves, Marsh Valve Co.; air valves for radiators, Hoffman Specialty Co.; air valves for ends of steam mains, Dole Valve Co.; lighting distribution panel, Trumbull Mfg. Co.; feeder panel, Trumbull Mfg. Co.; r. c. wire, Anaconda Wire & Cable Co.; main service entrance cabinet, Trumbull Mfg. Co.; flush switches, Arrow-Hart & Hegeman Elec. Co.

Bid Opening Date Postponed Until Dec. 3rd, 1 P. M.
POST OFFICE Cost, $79,200
REDDING, Shasta Co., Calif. Oregon Street bet. Placer and Yuba Sts.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Plans and specifications may be obtained from above office.
On bid opening only bid was submitted by the Dinwiddie Const. Co., Crocker Bldg., San Francisco, at $77,000.

9— HOSPITALS

Preparing Preliminary Plans
ADDITION Cost, $35,000
MARTINEZ, Contra Costa Co., Calif., County Hospital.
One-story reinforced concrete isolation ward addition to county hospital (15 beds).
Owner—County of Contra Costa.
Architect — William Rich, Bank of America Bldg., Oakland.

Bids Opened
IMPROVE HOSPITAL Cost, $50,000
SALINAS, Monterey Co., Cal. County Hospital.
One - story frame and stucco tuberculosis ward addition (22 - bed unit) barracks bldg. to accommodate 50; 20,000 gallon steel tower, new well, etc.; buildings will have composition roof, wood floors, steam heating system to connect to main plant, etc.
Owner—County of Monterey.
Architect—Chas. Butner, 51 Maple St., Salinas.
Low Bidder—P. T. Wallstrum, Watsonville.
P. T. Wallstrum, Watsonville. $43,410
H. C. Geyer, Monterey..... 43,977
H. V. Hughes, Salinas..... 44,936
M. J. Murphy, Inc., Carmel..... 45,424
Three low bids referred to PWA for award.

November 25, 1935

Bids Rejected.
HOSPITAL Cost, $245,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc., (200-bed capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (county engineer), Courthouse, Santa Rosa.
New bids will probably be asked shortly.
On bid opening lowest bid was submitted by John Hachman, P. O. Box 206, Stockton, at $296,000.

Sub-Contracts Awarded.
ALTERATIONS Cost, $2000
SAN FRANCISCO. Clay and Webster Streets.
Alterations to hospital.
Owner—Stanford University Hospital.
Architect—Hervey P. Clark, 251 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco.
Ornamental Iron—Sunset Iron Works, 964 Harrison St.
Mill Work — Harder's Planing Mill, 2845 Oakdale Ave.

BIDS WANTED

SAN FRANCISCO, Calif.—Until November 20, 10 A. M., bids will be received by R. H. Creel, Custodian, U. S. Marine Hospital, 14th Ave. and Lake Street, for repairing rear steps on Officers Quarters at the Hospital.
Specifications may be obtained from above office.

Bids Wanted—To Close Dec. 3, 2 P.M.
STOREHOUSE Cost, $——
PLACERVILLE, Eldorado Co., Calif. County Hospital grounds.
One-story brick storehouse (14x16-ft.)
Owner—County of Eldorado.
Architect—Not Given.
Bids are being taken as follows:
(1) Work complete according to the plans and specifications.
(2) All plastering of living room, bed room, bath room, and all closets on second floor; bath room fixtures and accessories; tiling around tub; finish floor of living room, bed room, bath room and all closets at second floor; all doors and trim of second floor including window trim; all painting of living room, bed room, bath room and closets. Connection to sewer or water supply is not included in specifications nor electric lighting fixtures.
Plans and specifications may be obtained from Arthur J. Koletzke, Clerk Board of Supervisors, Placerville, upon deposit of $10.00.

CONTRACT AWARDED

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $466 awarded contract by Treasury Department for

construction of new [illegible] etc., at the [illegible] Marine Hospital, 14th Ave and [illegible] San Francisco.

Complete bids paid shed [illegible]

10— HOTELS

TO ASK BIDS

SANTA BARBARA, Cal. — Architects A. R. Walker and P. A. [illegible] 708 Pacific Commerce Bldg., Los Angeles, have completed plans and will take bids next week for an addition to the Mira Monte Hotel in Santa Barbara for the Allied Properties Division of the Pacific States Savings & Loan Co. It will be a three-story and partbasement structure, containing 76 guest rooms and 76 bathrooms, wood frame construction, plastered exterior, tile roof, steam heat, tiled bathrooms and showers, hardwood floors throughout, metal casement windows, one elevator, etc.

Contracts Awarded

ALTER LOBBY Cost, $1,000

SAN FRANCISCO, 433 Powell Street. Alterations to hotel lobby.

Owner—Chancellor Hotel, 433 Powell.

Architect—Hertzka and Knowles, 37 Pin Street.

Carpentry and Mill Work—Praas and Kuhn.

Plastering—A. Knowles, 982 Bryant.

Revolving Doors—C. J. Waterhouse, 57 New Montgomery St.

Electric — Mohrdick Electric Co., 439 Clementina St.

Mirrors—Cobbledick-Kibbe Glass Co., 666 Howard St.

Tile Work—Dodson Fraterna Co., 24 Twelfth St.

Heating and ventilating bids are to be taken within a few days.

Plans Completed.

HOTEL Cost, $—

STOCKTON, San Joaquin Co., Cal.

Sixteen-story Class A hotel (135 rms. and baths and 42 rooms subdivided into 1, 2 and 3-room apartments and one five-room apartment for Manager.

Owner—Delta Hotel Co.

Architect—Oscar R. Thayer, 1129 Union St., San Francisco.

12— POWER PLANTS

BIDS OPENED

SPOKANE, Wash. — Phillips & Davies, Inc., Kenton, Ohio, at $69,455 submitted low bid to the City of Spokane for furnishing tainter gates, hoists, crane and trash rack rake, for control works and head works for the Upriver Station.

the City Water Department.

Work includes 8 tainter gates, 17x26 ft.; 8 motor driven tainter gate hoists for one 3-ton manual traveling gantry crane; 6 vertical lift gates 9 ft. 6-in. x15ft.; 6 motor driven gate hoists; about 14,000 lbs. structural steel hoisting frame; motor operated trash rack rake; and about 19,000 lbs. structural steel trash rack, etc.

Union Iron Works, Spokane, at $69,750 submitted the only other bid.

Bids referred to City Water Superintendent Alex Lindsay and PWA engineer examiner F. D. Hayden.

CONTRACT AWARDED

COLORADO RIVER AQUEDUCT.—Winston Bros. Co., 929 Guarantee Bldg., Los Angeles, and Wm. C. Crowell, 495 S. Broadway, Pasadena, bidding jointly, at $1,731,782.25 awarded contract by the Metropolitan Water District, Los Angeles, under Spec. No. 133, for constructing the Gene and Intake Pumping Plants of the Colorado River Aqueduct.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BOND ELECTION

LINDSAY, Tulare Co., Cal. — [illegible] of [illegible] will be [illegible] an [illegible] [illegible] new [illegible] [illegible] and [illegible] Lindsay. [illegible] plans prepared by Architect F. L. Swartz, Brix Building, Fresno.

(7340) 1st rep. July 12, 1935.

[illegible] Sept. 17, 1935. 10

Plans Being Figured—Bids Close Dec. 7th, 10 A. M.

LIBRARY Cost, $29,776

ALAMEDA, A[illegible] Co., Calif. NW Eighth St. and Santa Clara Ave. One-story branch library.

Owner—City of Alameda.

Architect—Carl Werner, 1013 Bay St., Alameda.

Plans and specifications may be obtained from the architects upon deposit of $25.00.

BIDS OPENED

MEMORIAL HALL Cost $47,047

TULARE, Calif.

Memorial building.

Owner—City of Tulare.

Architect—W. D. Coates, Rowell Bldg., Fresno.

Low bidder: W. J. Odis, Pacific Southwest Building, Fresno.

Complete bids follow:

W. J. Odis, Fresno	$32,820
R. L. Moore, Fresno	32,[illegible]
Fisher & McNally, Fresno	33,597
Modern Construction Co., Fresno	34,813
Orevillett Shields, Fresno	36,000

Bids referred to the PWA for award.

(7342) 1st rep. March 15, 1935. 3d rep. Nov. 19, 1935.

Bonds Defeated—Bid Call Cancelled.

CITY HALL Cost $27,[illegible]

EL CERRITO, Contra Costa Co., Cal.

Two-story frame and stucco City Hall.

Owner—City of El Cerrito.

Architect—[illegible] and Schmidts, 2[illegible] Adeline Way, Berkeley.

Date was set for bids to be opened Nov. [illegible] 20, 9 P. M.

Preparing Plans

CITY HALL Cost, $15,[illegible]

SEBASTOPOL, Sonoma Co., Calif.

Concrete [illegible] all.

Owner—City of Sebastopol, Fred McFarlane, City Clerk.

Architect—Herbert [illegible] Rossenberg Bldg., Santa Rosa.

A bond election in [illegible] amount of $75,000 will be held in the near future. Project will be financed by WPA funds.

LOW BIDDER

TORRANCE, Los Angeles Co., Calif. —Hetle & Matheson, 2[illegible] Miles-Frank Bldg., Santa Monica, submitted low bid to the Torrance city council, at $72,000, for construction of a city hall, jail and garage building in Torrance. Petley & Mitcham were also low bidders at $[illegible] for constructing the civic auditorium. R. J. Dorn, 7[illegible] Building Arts, Los Angeles, submitted low bid at $22,257, for constructing the library building. All bid were taken under advisement and will probably be acted upon at a council meeting to be held in November 20. A. R. Walker and P. A. Elson, 7[illegible] Pacific Commerce Bldg., Los Angeles, Architects. 13

LOW BIDDER

WATTS, L. A. Co., Calif.—Wesco Construction Co., 2[illegible] Hyperion Ave., Los Angeles, submitted low bid to Los Angeles board of public works, at $[illegible], for one-story, steel, brick veneer and stucco branch city hall building to be built at 15[illegible] E. 103rd St., Watts.

Plans were prepared by the Los Angeles city construction department.

14— RESIDENCES

Construction Postponed Indefinitely.

RESIDENCE Cost, $[illegible]

TIBURON, Marin Co., Calif.

One-story brick residence (4 rooms), red cedar shingle roof, electric heat, pine floors, etc.

Owner—A. E. Zimmerman.

Architect—Earl Dertz, 681 Market St., San Francisco.

Contract Awarded.

RESIDENCE Cost, $12,000

OAKLAND, Alameda Co., Cal. No. 6[illegible] Acacia Avenue.

Two-story and basement frame and stucco residence (8 rooms).

Owner — N. F. Raessing, Broadway Terrace, Oakland.

Architect—F. L. Confer, 2812 Russell St., Berkeley.

Contractor — J. K. Armstrong, 1131 Fleet Road, Oakland.

Bids Opened.

RESIDENCE Cost, $5000

STOCKTON, San Joaquin Co., Calif. Pacific Manor

One-story and basement frame and stucco residence (7 rooms) shingle roof, gas heating system, steel sash, hardwood floors, tile bath.

Owner—Ethel May Hill.

Architect—N. F. Clowdsley, Exchange Bldg., Stockton.

Low bidder: B. T. Parsons, Rt. 4, Box 365, Stockton.

Complete bids follow

B. T. Parsons	$5244
E. Totten	5789
H. H. Henning	5632
W. J. Scott	5989
E. Merl	5895

All of Stockton.

Bids held under advisement.

To Be Done By Day's Work.

RESIDENCE Cost, $10,[illegible]

PALO ALTO, Santa Clara Co., Calif. 178 Dana Avenue.

Two-story frame and stucco residence.

Owner and Builder—L. M. G. Peterson, 520 Bowdoin St., Palo Alto.

Plans by Owner.

Contract Awarded

RESIDENCE Cost [illegible] $19,[illegible]

SAN RAFAEL, Marin Co., Cal. Country Club.

Two-story and basement frame and stucco residence (8 rooms, 3 baths) split shake roof, oil burning furnace, wood sash, hardwood floors, tile baths, etc.

Owner—G. W. Dawson.

Architect—Harold Stoner, West Portal and Portola Dr., San Francisco.

Contractor—Leifert & Trabuck, Albert Bldg., San Rafael.

Bids Opened.

RESIDENCE Cost, $18,600

HILLSBOROUGH PARK, San Mateo County, Calif.

Two-story and basement frame and stucco residence (11 rooms and 4 baths) Provincial French type; wood shake roof, gas hot air heating system, hardwood floors, tile baths, etc.

Owner—George Taylor.

Architect—Harold Stoner, West Portal and Portola Drive, San Francisco.

Low Bidder—Moore and Roberts, 698 Mission St., San Francisco, $18,[illegible]

Only other bid was submitted by A. F. Mattock, San Francisco, at $18,630.

Bids held under advisement until November 29.

Pns Being Prepared.
RESIDENCE Cost, $12,000
(KLAND, Alamedn Co., Calif. Oakmore Highlands.
To - story and basement frame and stucco residence (8 rooms and 3 baths) tile roof, gas heating system, steel sash, hardwood floors, tile baths, etc.
(ner—Withheld.
Ahitect—Ray Keefer, 770 Wesley St. Oakland.
Plans will be completed in 2 weeks.

Pparing Preliminary Plans
RSIDENCE Cost, $8,000
(KLAND, Alameda Co., Calif. Oakmore Highlands.
To - story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
(ner—Withheld.
Ahitect—Ray Keefer, 770 Wesley St., Oakland.

Ctract Awarded
DSIDENCE Cost, $5,000
(CKLAND, Alaedma Co., Cal. Piedmont Pines.
(- - story and basement frame and stucco residence (five rooms).
(ner—Withheld.
Ahitect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Ctractor—T. D. Courtright, 349 51st St., Oakland.

Ctract Awarded.
RSIDENCE Cost, $9000
(KLAND, Alameda Co., Cal. No. 6107 Ascot Drive.
To-story and basement frame and stucco residence (7 rooms).
(ner—Dr. S. W. Harrison, Wakefield Bldg., Oakland.
Ahitect—Not Glven.
Ctractor — J. R. Armstrong. 1131 Fleet Road, Oakland.

T Be Done By Day's Work.
RSIDENCE Costt, $5000
FRKELEY, Alameda Co., Cal. No. 474 Vassar Avenue.
To-story frame and stucco residence (5 rooms).
(ner and Builder—W. A. Netherby. 3853 Lyman Road, Oakland.
Ahitect—Not Glven.

T Be Done By Day's Work.
RSIDENCES Cost, $5000 each
(CKLAND, Alameda Co., Cal. No. 3234 and 3238 Morcom Avenue.
To one-story and basement frame and stucco residences (5 rooms).
Ahitect—Not Given.
(ner and Builder — S. J. Dowling, 2800 Clay St., Alameda.

T Be Done By Day's Work.
RSIDENCE Cost, $5,000
SN FRANCISCO. E 15th Avenue S Vicente St.
(e - story and basement frame and stucco residence.
(ner and Builder—S. Morris, 1319 Turk Street.
Ahitect—Not Given.

Be Done By Day's Work.
RSIDENCE Cost, $4,000
AN FRANCISCO. W 30th Avenue N Fulton Street.
(e - story and basement frame and stucco residence.
(ner and Builder—Chas. Smith, 866 Thirty-sixth Ave.
Ahitect—C. O. Clausen, 746 46th Avenue.

Be Done By Day's Work.
RSIDENCES Cost $10,000 each
AN FRANCISCO. S Marina Blvd. E Broderick Street.
wo one - story and basement frame and stucco residences.
Owner and Builder—Thos. R. Sharman 3700 Broderick Street.
Architect—Not Given.

Contract Awardd.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Burlingame Ave., Lot 10 Blk 22.
One-story and basement frame and stucco residence.
Owner—J. Clark.
Architect—Not Given.
Contractor—T. M. Gesso, 1201 Vancouver St., Burlingame.

Contract Awarded.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Seville Way.
Two-story frame and stucco residence
Owner—R. W. Truett, one Highland Ave., San Mateo.
Architect—Not Given.
Contractor—Roy Allen, P. O. Box 62, Burlingame.

Sub-Contracts Awarded.
RESIDENCE Cost, $16,000
SAN FRANCISCO. Kearny and Lombard Streets.
Two-story reinforced (8 rooms) wood frame stucco exterior, steel sash, slate paved roof, gas heating, oak floors.
Owner — Whitney Warren Jr., 1404 Montgomery St., San Francisco.
Architect—Gardner Dailey, 210 Post St., San Francisco.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.
Brick Work—A. J. Tole, 1112 Fitzgerald Ave.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts.
Stairs—E. D. Philbrick Co., 41 Sheridan Street.
Roofing—Fisher & Houts, 1038 Valencia Street.
Sheet Metal — Lowell Davison, 375 Monterey Blvd.
Plumbing—Scott Co., 243 Minna St.
Electrical Work — Grandi Electrical Co., 3429 Sacramento St.
Plastering—E. Dietlin, 920 Paxon St.
Hardwood Floors — A. Hallstroni, 180 Andover St.
Tiling—Donlon Frateson, 24 12th St.

To Be Done By Day's Work.
RESIDENCE Cost, $7000
BURLINGAME, San Mateo Co., Calif. Vernon Way.
Two-story frame and stucco residence
Owner and Builder—J. B. Oswald, 760 El Cerrito St., San Mateo.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Seville Way.
One-story and basement frame and stucco residence.
Owner and Builder—G. W. Williams Co., 315 Primrose Road, Burlingame.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cont. Price, $11,275
BURLINGAME, San Mateo Co., Calif. Residence.
Owner—A. H. Law, 770 Willborough Road, Burlingame.
Architect—Will H. Toepke, 126 Post St., San Francisco.
Contractor—A. F. Mattock, 212 Clara St., San Francisco.
Brick Work—Wm. Rainey & Son, 323 Clementina St., San Francisco.
Mill Work—J. A. Hart Mill & Lumber Co., Jerrold and Napoleon Sts., San Francisco.
Stairs—DiChristina & Sons, 3150 18th St., San Francisco.
Roofing — H. C. and H. L. Ridout, Alameda.
Sheet Metal — Gaffigan Sheet Metal Works, San Mateo.
Plumbing—F. J. Regan, Burlingame.
Electric—San Mateo City Electric Co. San Mateo.
Painting—George Ames, Burlingame.
Tiling—Benetti Tile Co., San Mateo.

Contract Awarded.
RESIDENCE Cost, $5000
SANTA CLARA COUNTY, Calif. Malone Road.
One-story and basement frame and stucco residence (5 rooms).
Owner—Bliss J. Cowles.
Architect—Wm. E. Higgins, 19 N. Second St., San Jose.
Contractor—R. C. Herschbach, 1290 Washington Ave., San Jose.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
BURLINGAME, San Mateo Co., Calif. Lot 11 Blk 47, Humboldt Street.
Two-story frame and stucco residence.
Owner—Eugene Grasso, 820 N. Claremont St., San Mateo.
Architect—Not Given.
Contractor—H. Kime, 118 12th Street. San Mateo.
Roofing—Izmarian Roofing Co., San Mateo.
Plumbing—Frank McGuire, San Mateo
Heating—Izmarian Heating Co., San Mateo.
Tile Work—Benetti Tile Co., San Mateo.
Iron Grille Work—San Mateo Forge Co., San Mateo.
Lathing and Plastering—Paul Venturelli, San Mateo.
Lumber—San Mateo Planing Mill Co., San Mateo.
Hardware — Wisnom Hardware Co., San Mateo.
Painting — Lema & Houseman, San Mateo.
Concrete—G. Bragotto, San Mateo.

Sub-Contracts Awarded.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. No. 1191 Spruce Street.
One-story frame and stucco residence five rooms).
Owner—Dr. Church, 1006½ Cragmont Ave., Berkeley.
Architect—A. Hardman, 2068 Allston Way, Berkeley.
Contractor—R. F. Parks, 1847 Yosemite Road, Berkeley.
Plumbing—W. H. Picard, 5656 College Ave., Oakland.
Lumber—Oakland Lumber Co., Oakland.
Painting — A. W. Quigley, 2336 17th Ave., Oakland.
Concrete — Ensor Buel, 2927 Lorina St., Berkeley.
Sub-bids are being taken on all other portions of the work.

Contract Awarded
RESIDENCE Cost, $5,300
SAN RAFAEL, Marin Co., Calif.
One - story and part basement frame and stucco residence.
Owner—Robert M. Forsyth.
Engineer—F. O. Reyenga, Los Angeles.
Contractor—Dominic Ferrero, 31 Belle Ave., San Anselmo.

Contract Awarded
RESIDENCE Cost, $6,000
PIEDMONT, Alameda Co., Calif. 140 Cambridge Way.
Two - story frame and stucco residence (6 rooms).
Owner—P. H. Graves and Geo. Arnold, 214 Monte Vista, Piedmont.
Architect—Ray Keefer, 770 Wesley Way, Oakland.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Sub-Contracts Awarded
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Margarido Drive and Rockridge Road.

Two-story English residence (6 rooms and 2 baths) steel sash, hardwood floors, gas heat.
Owner—A. Corseglia.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks, 1847 Yosemite Road, Berkeley.
Hardware—Berkeley Hdwe. Co., 2154 University Ave., Berkeley.
Concrete—Ensor Buel, 2927 Lorina, Berkeley.
Flooring—Ambrose Bros., 2140 49th Ave., Oakland.
Brick Work—J. L. Collins, care general contractor.

Construction Postponed
RESIDENCE Cost, $——
TIBURON, Marin Co., Calif.
One-story brick residence (4 rooms) rigid asbestos shingle roof, electric heat, pine floors, etc.
Owner—A. E. Zimmerman.
Architect—Earl Bertz, 681 Market St., San Francisco.
Construction postponed until spring.

Contract Awarded
RESIDENCE Cost, $6,500
OAKLAND, Calif., 816 Alma Ave.
Two-story frame and stucco residence.
Owner—Miss A. G. Fraser, 822 Alma Ave., Oakland.
Architect—W. R. Yelland, 829 Coventry Road, Berkeley.
Contractor—W. V. Bernard, 227 San Carlos Ave., El Cerrito

To Be Done by Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Calif., 280 Orange Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—Hufschmidt & Whalen, 337 17th St., Oakland.
Architect and Builder—Not given.

To Be Done by Day's Work.
RESIDENCE Cost, $5,500
OAKLAND, Calif., 3707 Elston Ave.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—J. W. Scammell, 424 Scenic Ave., Piedmont.
Architect—Not given

To Be Done by Day's Work.
RESIDENCE Cost, $4,500
SAN FRANCISCO, Calif., E. 39th Ave., 50 ft. S. Cabrillo St.
One-story and basement frame and stucco residence.
Owner—Thos. E. Mohler, 751 28th Avenue
Architect and Builder—Not given.

To Be Done by Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif., E. Tocoloma, N. Blanken St.
Two-story frame residence.
Owner and builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not given

Sub-Bids Wanted.
RESIDENCE Cost, $6,500
BERKELEY, Alameda Co., Cal. Kenyon Drive.
One-story U-shaped Spanish type residence (6 rooms, 2 baths) stucco and brick exterior, tile roof, tile baths, hot air heating system oak plank floors.
Owner—C. F. Adams.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—Randolph Parks 1847 Yosemite Road, Berkeley.
Concrete—Ensor Buell, 5744 Buena Vista, Oakland.
Sub bids are wanted on all portions of the work.

Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO, Calif., E 28th Ave., S. Lincoln Way.
One-story and basement frame and stucco residence.
Owner—Joseph and Ida Martinelli, 725 Clayton Street.
Architect—Vincent Buckley, 835 Market Street.
Contractor—Stella K. Birdsall, 646 47th Ave.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
ALAMEDA, Alameda Co., Cal. No. 2815 Santa Clara Avenue.
Two-story frame and stucco residence (6 rooms).
Owner and Builder—E. J. McPeake, 4715 Weldon Ave., Oakland.
Architect—Not Given.

Sub-Contracts Awarded
RESIDENCE Cost, $7500
SAN MATEO, San Mateo Co., Calif. No. 245 Howard Street.
Residence.
Owner—Roy Beveridge.
Architect—Not Given.
Contractor—A. F. Mattock Co., 212 Clara St., San Francisco.
Brick Work—C. E. Mills, Palo Alto.
Mill Work—Brannan Street Planing Mill, 560 Brannan St., S. F.
Stairs—E. D. Philbrick Co., R 41 Sheridan St., San Francisco.
Roofing—H. C. and W. L. Ridout, 642 Pacific Ave., Alameda.
Sheet Metal—E. Sterger, San Mateo
Plumbing—H. K. Park, Burlingame.
Electric—Burlingame Electric Co., Burlingame.
Plastering—J. H. Rolland, 137 Ripley St., San Francisco.
Hardwood Floors—F. Grunert, Menlo Park.
Tile—Albert Cook, 334 Claremont Blvd., San Francisco.

Plans Being Figured.
OFFICE BUILDING Cost, $100,000
SEATTLE, Wash. No. 1551 Tenth Avenue, North.
New Office building.
Owner—General Insurance Co. of America
Architect—Henry Bittman, Securities Bldg., Seattle.
Engineer—Edwin C. Anderson, Securities Bldg., Seattle.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 1406 Queens Road.
Two-story frame and stucco residence (5 rooms).
Owner—James Higgins, 1709 Grove St., Berkeley.
Architect—Not Given.
Contractor—J. M. Walker, 1709 Grove St., Berkeley.

Contract To Be Awarded.
RESIDENCE Cost, $4000
BERKELEY, Alameda Co., Calif.
One-story rustic residence (6 rooms).
Owner—R. C. Cave.
Architect—Geo. P. Simonds, 192 Main St., Hayward
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Calif. 5910 Acacia Avenue.
Two-story and basement frame and stucco residence (eight rooms).
Owner and Builder—Chas. E. Bardwell, Jr., 794 Calmar Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 641 Boulevard Way.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—G. W. Muthe 5519 Thomas St., Oakland.
Architect—Not Given.

15— SCHOOLS

Plans Being Figured—Bids Close De 2nd, 8 P. M.
SHOP & GARAGE Cost, $35,0
SEBASTOPOL, Sonoma Co., Cal. S bastopol High School grounds.
One-story reinforced concrete sh and garage building.
Owner—Analy Union High School Di trict (B. Best, Clerk).
Architect—Louis S. Stone and Hen C. Smith, 785 Market Street, Sa Francisco.
Plans and specifications may be ol tained from the architects upon d posit of $25.00.

Bonds Voted—To Ask Bids Immediately.
ADMIN. BLDG. Cost, $150,0
TAFT, Kern Co., Calif. Taft Uni High School Campus.
Two-story reinforced concrete admi istration building (concrete jol floors, steam heating system, fl roof, awning type patent window study hall, library, offices and ni classrooms, etc.)
Owner—Taft Union High School Dis
Architect—W. H. Weeks, 525 Mark St., San Francisco.
Structural Engineer—L. H. Nishkia 525 Market St., San Francisco.

BOND ELECTION
PASO ROBLES, San Luis Obis Co., Calif.—Paso Robles Union Hig School District will vote on [illegible] 14th, on a proposal to issue bon in the amount of $18,000, proceeds finance construction of a one-sto brick gymnasium at the high schoo Total cost estimated at $36,000.
Preliminary plans prepared by A chitect Orval Clark, 359 N Ridgewoo Place, Los Angeles.

Contract Awarded
ADDITION Cont. Price, $12,8
BERKELEY, Alameda County, Cal Campus of University of Califo nia.
One-story annex to Architectural Li brary buiding (reinf. concrete co struction).
Owner—University of California.
Architects—Walter Steilberg, Staffo Jory, Warren C. Ferry and W. C Corlett.
Contractor—Dinwiddie Const. Co Crocker Bldg., San Francisco.

Plans Being Figured—Bids Close De 9th, 8 P. M.
SCHOOL Cost, $50,0
SAN RAFAEL, Marin Co., Cal. Four and E Streets.
One-story frame and stucco gramm school (ten classrooms and aud torium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYou Bldg., San Francisco.
Plans and specifications may be o tained from the architect.

Plans Being Figured—Bids Close De 9th, 2 P. M.
SCHOOL Cost, $24,4
NAPA, Napa County, Calif.
One-story reinforced conc. elementa school (two classrooms and aud torium to seat 200).
Owner—Mt. George Union Elementa School District.
Architect—W. E. Coffman, Foru Bldg., Sacramento.
Plans and specifications may be o tained from the architect upon d posit of $20.00.

ds Wanted—To Close Dec. 4th, 2:30 P. M.
YMNASIUM Cost, $140,000
AN FRANCISCO. Willard and Frederick Streets.
ne-story steel frame, brick and terra cotta gymnasium (Polytechnic High School) concrete side walls and floors, etc.; locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
wner—City and County of San Francisco.
chitect—Chas. Sawyer, City Architect, City Hall.
ructural Engineer — H. C. Vensano, 251 Kearny Street.
Bids are being taken as follows:
) General Work;
) Mechanical Equipment & Plumbing;
) Electrical Work;
) General Construction, including mechanical equipment, plumbing and electrical work.

Plans and specifications may be obined at Room 265, City Hall, upon posit of $25.00 for general work; 5.00 for plumbing and mechanical; 5.00 for electrical and $56.00 for the neral, including mechanical, plumbg and electrical work.

ans Being Figured—Bids Close Dec. 6th, 10 A. M.
YMNASIUM Cost, $60,000
IBURN, Placer Co., Calif.
ne-story steel-concrete gymnasium.
wner—Placer Union High School District.
chitect—W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obined from the architect upon desit of $20.00.

DS WANTED
SAN FRANCISCO.—Until Dec. 4th, 30 P. M., bids will be received by partment of Public Works, Room , City Hall, for interior and exter painting of Excelsior School, Exsior Ave. and London St. Estimatcost, $2,500.
Further information may be obtainfrom Chas. Sawyer, City Architect. y Hall.
Work must be completed and acted by Jan. 4, 1936, or a charge $25.00 per day will be made for h day work is not completed.

DS WANTED
SAN FRANCISCO.—Until Dec. 4th, 30 P. M., bids will be received by partment of Public Works, Room , City Hall, for temporary classm buildings at the Lowell High hool, Hayes Street, between Ashy and Clayton. Estimated cost $3,-

Plans and specifications may be obined from Chas. Sawyer, City Archit, City Hall, upon deposit of $5.00.
Work must be completed and acted by Jan. 3, 1936, or a charge $25.00 per day will be made for h day work is not completed.

DS WANTED
RENO, Nev.—Until Nov. 30, 7:30 P. , bids will be received by J. D. meron, Clerk, Reno School District 10, for the construction of alterons and additions to the Mary S. ten Grammar School and a new utside grammar school. Bids will taken as follows:
1) Additions and alterations to ry S. Doten Grammar School and structure of new Southside gramr school, including heating and ntilating;
2) Additions and alterations to ry S. Doten School and new Southe grammar school, omitting heat- and ventilating;
(3) Heating and ventilating only.
Estimated cost, $69,000. PWA grant of $31,050 approved.
Plans and specifications for the building may be obtained from the architect, Laurence A. Gulling, 209 Ryland St., Reno, upon deposit of $16.00 and plans and specificatoins for the heating and ventilating may be obtained from the office of the School Trustees, Senior High School, upon deposit of $50.00.

CONTRACT AWARDED
LOS ANGELES, Cal. — George Mittry, 122 S. Avenue 20, awarded contract by Los Angeles Board of Education at $51,900, for construction of Unit No. 1 at the Sixty-first Street School, 6050 S. Figueroa St. A. S. Nibecker Jr., Architect.

LOW BIDDER
SAN FERNANDO, Los Angeles Co., Cal. — Brunzell & Jacobson, 2159 Princeton Ave., Los Angeles, submitted low bid to Los Angeles Board of Education at $62,790, for one-story school building to be built at San Fernando School, Corner Mission Blvd. and Mott St., San Fernando. A. S. Nibecker, Jr., Architect, 1425 S. San Pedro St.

LOW BIDDER
LOS ANGELES, Cal. — Charles J. Dorfman, 124 N. La Brea Ave., submitted low bid to the Los Angeles Board of Education at $46,290 for reconstruction, strengthening and rehabilitation of main brick building at Fifty-second Street School, 801 West 52nd St. A. M. Edelman, 709 H. W. Hellman Bldg., Architect, and Aaron B. Smith, 730 Central Bldg., Structural Engineer.

BIDS WANTED
FULLERTON, Orange Co., Cal.—Until December 6, 12 Noon, (bids to be opened at 2 P. M. on that day), bids will be received by Fullerton Union High School District for the construction of a two-story concrete classroom building on the Junior College site in Fullerton, a PWA project. Certified or cashier's check or bond for 5% must accompany each bid. Plans and specifications may be obtained from E. A. Ames, superintendent of buildings, whose office is located in the power house on the Harvard Avenue side of the school campus in Fullerton. Cost $100,000. PWA recently approved a $51,869 grant for the project. Harry K. Vaughn, Architect.

LOW BIDDER
LOS ANGELES, Cal.—Geo. Mittry, 122 S. Avenue 20, usbmitted low bid to Los Angeles Board of Education, at $56,931 for the construction of a one-story frame and stucco building at Twentieth Street School, 1353 East 20th St. A. S. Nibecker Jr., Architect

To Ask Bids Immediately.
AUDITORIUM Cost, $90,000
OILDALE, Kern Co., Calif.
One- and two - story reinforced concrete auditorium (to seat 1500) steel trusses, maple floors, stage equipment, special lighting, heating and ventilating equipment.
Owner—Standard School District.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.
PWA loan and grant approved.

Bids Opened
STRENGTHEN SCHOOL Cost, $26,000
CENTERVILLE, Alameda Co., Calif.
Strengthen Washington Union High School (steel and wood strengthening, etc.)
Owner—Washington Un. High School District.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Low Bidder — Carl N. Swenson, 356 Stockton Ave., San Jose.
Complete bids follow:
Carl N. Swenson, San Jose $21 976
W. P. Goodenough, Palo Alto... 23,[illegible]36
E. T. Leiter & Sons, Oakland..... 31,867
Bids referred to PWA for approval

BOND ELECTION
BAKERSFIELD, Kern Co., Calif.—Kern County Union High School District will vote on December 6, on a proposal to issue bonds in the amount of $200,000, proceeds to finance construction of school improvements in Bakersfield. T. N. Harvey, A. D. M. Osborne and M. J. Davis, are trustees of the Kern County Union High School District.

LOW BIDDER
LOS ANGELES, Calif. — Carl J. Johnson, 654 East 81st St., Los Angeles, submitted low bid to the Los Angeles board of education at $61,-917, for a one-story school building to be built at Loma Vista Avenue school, 3629 East 58th Street, Maywood. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St., Los Angeles.

LOW BIDDER
LOS ANGELES, Calif.—R. E. Campbell, 711 Central Bldg., submitted low bid to Los Angeles board of education at $58,485, for the reconstruction, rehabilitation and strengthening of the main brick building at Logan Street school, 1411 Logan St. Henry F. Withey, 405 S. Western Ave., Architect, and L. A. Parker, 804 Architects' Bldg., Structural Engineer.

Plans Being Figured—Bids Close Dec. 5th, 4 P. M.
ASSEMBLY Cost, $31,250
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot school (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans Being Figured—Bids Close Dec. 5th, 4 P. M.
ASSEMBLY Cost, $31,500
Oakland, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly at Sherman school (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans Being Figured—Bids Close Dec. 4th, 4 P. M.
SCHOOL Cost, $76,364
REDDING SHASTA Co., Calif.
One-story frame and stucco grammar school (12 classrooms and auditorium to seat 500).
Owner—Redding Elementary School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Plans and specifications may be obtained from the architects and from the County Superintendent of Schools, Redding, upon deposit of $25.00.

Bids Opened
SCHOOL Cost, $——
SAN FRANCISCO. Florida & Bryant. (Sunshine-Buena Vista School).
One - story reinforced concrete school

18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architect—M. J. Rist, Phelan Bldg.; Chas. F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market St.
Structural Engineer—H. J. Brunnier, Sharon Building.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Low bids follow:
General Work—Anderson & Ringrose, 320 Market St., $223,869.
Mechanical Equipment & Plumbing—Alta Electric and Mechanical Co., 467 O'Farrell St., $28,782.
Electric—G. H. Armstrong, 1388 Van Ness Ave., South, $12,772.
Complete bids follow:

General Work

Anderson & Ringrose	$223,869
James L. McLaughlin	235,051
MacDonald & Kahn	240,747
C. L. Wold	242,400
P. F. Reilly	259,573

Mechanical Equipment and Plumbing

Alta Elec. & Mechanical Co.	$28,782
Herman Lawson	28,797
F. W. Snook	29,836
M. J. Reeves Heating Co.	29,961
Scott Company	30,687
Anderson & Rowe	31,363
J. A. Nelson	36,554

Electric

G. H. Armstrong	$12,772
DeLatour Electric Co.	13,213
Aetna Electric Co.	13,594
Central Electric Co.	13,900
Edward J. Lynch	13,975
H. S. Tittle	14,000
Lynn & Heffernan	14,295
Alta Electric & Mechanical Co.	14,323
Spencer Electric Co.	15,213
Scott-Buttner Elec. Co.	15,500
Abbett Electric Co.	15,539
Hotchner Brothers	15,980
Enterprise Electric Co.	18,338

Bids referred to PWA for approval.

BIDS OPENED

SAN FRANCISCO.—Empire Roofing Co., 261 Silver Ave., at $244 submitted low bid to Department of Public Works for construction of a 5-ply tar and gravel roof on the auditorium of the Argonne School, Cabrillo Street between 17th and 18th Avenues.
Complete bids follow:

Empire Roofing Co.	$244
J. W. Bender Roofing & Pav'g Co.	248
Alta Roofing Co.	260
Malott & Peterson	284

Bids held under advisement. *

Plans Being Figured—Bids Close Dec. 6, 7 P. M.
GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium
Owner—Auburn School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00

Plans Being Figured—Bids Close Dec. 6th, 2 P. M.
HIGH SCHOOL Cost, $75,000
GUSTINE, Merced Co., Calif.
One - story frame and stucco high school (steel trusses in auditorium, four classroms, auditorium to seat 500, and cafeteria.
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Ruse, 1801 Bank of America Bldg., Oakland.
Plans and specifications may be obtained from the architects and at the office of the Board of Trustees at the Gustine High School upon deposit of $25.00.

Plans Being Figured—Bids Close Dec. 5th, 4 P. M.
SCHOOL Cost, $135,000
MARIPOSA, Calif.
Additions to high school (conc. foundations, frame and stucco construction, tile roof, etc.)
Owner—Mariposa High School Dist.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans Being Figured—Bids Close Dec. 5th, 8 P. M.
ADDITION Cost, $80,000
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.00. *

New Bids Wanted—To Close Dec. 12, 7:30 P. M.
GYMNASIUM Cost, $40,000
RED BLUFF, Tehama Co., Calif.
Gymnasium for high school.
Owner—Red Bluff Union High School District.
Architect—Dragon and Schmidts, 2068 Allston Way, Berkeley.
Following bids were received Nov. 21st and rejected:
N. H. Sjoberg, 5604 E 16th St Oakland $53,687
Lindgren Swinerton, Oakland 53,900
E. T. Leiter & Son, Oakland 56,887
Plans and specifications may be obtained from the architects upon deposit of $25.00.

Low Bidder.
ADDITION Cost, $——
SALEM, Oregon.
Gymnasium and classroom addition to Junior High School.
Owner—Salem School District.
Architect—Llye Bartholomew, Salem. Knight & Howell, U. S. Bank Bldg., Portland, Ore.
Low Bidder—Robertson, Hay & Wallace, 1801 S. E. Grand St., Portland, Oregon.

Low Bidder
ADDITIONS Cost, $——
SALEM, Oregon.
Additions to Leslie Junior High School (new auditorium and classrooms)
Owner—Salem School District.
Architect—Lyle Bartholomew, Salem.
Consulting Architects — Knighton & Howell, U. S. Bank Bldg., Portland.
Low Bidder—Robertson Hay & Wallace, 1801 S.E. Grand St., Portland, $112,918.

Bids Wanted—To Close December 7, 10 A. M.
RECON. SCHOOL Cost, $10,000
SAN LEANDRO, Alameda Co., Calif.
Clarke, Hepburn, Carpentier and Saunders Streets.
Repairs and reconstruction of Lincoln School.
Owner—San Leandro School District (Wm. Lucio, Secretary).
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Plans and specifications may be obtained from the Engineer upon deposit of $25.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — Regal Floor Company, 450 Spear Street, at $19, awarded contract by Department of Public Works for sanding new maple floor on stage of High School of Commerce, Van Ness Ave. a Hayes St. Area of floor is approximately 2,750 sq. ft.

CONTRACT AWARDED

LOS ANGELES, Calif.—J. L. Da idson & Technical Products Compar 6670 Lexington Ave. at $43,875 awar ed contract by Regents of the Ui versity of California for additior book stacks to be installed in the library at the U. C. L. A.

CONTRACT AWARDED

SAN FRANCISCO, Calif.—Emp Roofing Company, 261 Silver Ave. $244 awarded contract by Departme of Public Works for construction of 5-ply tar and gravel roof on the au torium of the Argonne School, C brillo St. between 17th and 18th.

November 25, 193

BIDS WANTED

SAN FRANCISCO, Calif.—Until D ceember 4, 2:30 P. M., bids will be r ceived by Department of Pub Works, Room 251, City Hall for t installation of chairs in the audit ium of the Girl's High School, Sc and O'Farrell Streets. Est. co $6,000. Proposal form may be c tained from Chas. Sawyer, City Arc tect, Room 265, City Hall.

Bids Opened
SHOP Cost, $18,
FORT BRAGG, Mendocino Co., Ca
One-story wood shop building (125 ft.) will contain woodwork sh 57x35 ft., metal work, mechan drawing, printing, classwork a storage.
Owner—Fort Bragg Un. High Sch District.
Architect—N. R. Coulter, 46 Kear St., San Francisco.
Low Bidder—Independent Const. C 549 Fell St., San Francisco.
Complete bids follow:
(1) Building complete, omitting ste heating;
(2) Building complete, omitting ste heating and shop equipment;
(3) Steam heating plant only;
(4) additional cost of maple floors place of Oregon pine.

Independent Const. Co., San Francisco (1)	$17,
(2)	16,
(3)	
(4)	
Hannah & Woldridge, S. F. (1)	$17,
(2)	17,
(3)	4,
(4)	
Fred Maurer & Son, Eureka (1)	$19,
(2)	19,
(3)	4,
(4)	
Wm. Spivock, S. F. (1)	$22,
(2)	21,
(3)	4,
(4)	
O. M. Rousseau, S. F. (1)	$36,
(2)	35,
(3)	4,
(4)	

Bids held under advisement.

CONTRACT AWARDED

LONG BEACH, Los Angeles C Cal.—J. F. Thomas, 700 Kress Bld Long Beach, awarded contract Long Beach Board of Education, $36,831, for construction of the m building and east and west anne at the Lowell Elementary School. F ward Mayberry, 3910 E. Third Long Beach, Architect.

Bids Wanted—To Close Dec. 7, 8 P.
SCHOOL Cost, $100,
GRASS VALLEY, Nevada Co., Ca One - story reinforced concrete sch building (ten classrooms).
Owner—Grass Valley Junior H

School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

BONDS VOTED

REDDING, Shasta Co., Cal. Redding Grammar School District voted bonds Nov. 22 in the amount of $50,000, to finance construction of a one-story brick and steel grammar school to contain 12 classrooms and auditorium. Bids for the construction will be opened December 4.
Plans prepared by Architects Masten & Hurd, 233 Post St., San Francisco.

Bids Wanted—To Close December 10, 1 P. M.

SCHOOL Cost, $25,000
ORICK, Humbildt Co., Calif.
One-story school building (two classrooms, typing department, chemistry laboratory, lunch room, kitchen).
Owner—Orick Elementary School District (Robert S. Lavison, Clerk)
Architect—Frank T. Georgeson, Eureka.
Plans and specifications may be obtained from the architect upon deposit of $12.50.
Bids will be opened in the Humboldt Standard Bldg., Eureka.

Bids Wanted—To Close Dec. 7, 9 A. M.

HIGH SCHOOL Cost, $60,000
PIEDMONT, Alameda Co., Calif.
One - story reinforced concrete high school unit (8 classrooms and music room) tile roof.
Owner—Piedmont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

Bonds Voted—Preparing Working Drawings.

SCHOOL Cost, $20,000
SHASTA, Shasta Co., Calif.
One - story frame and concrete grammar school (2 classrooms and auditorium to seat 350).
Owner—Shasta School District.
Architect—O. A. Deichmann, 110 Sutter St., San Francisco.
Project will be financed with WPA funds.

Plans Being Figured—Bids Close Dec. 9, 8 P. M.

SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $15.00.

BIDS WANTED

ARLINGTON, Wash.—Until December 9, 7 P. M., bids will be received by W. H. Fowler, Clerk Snohomish County School District No. 324, for the construction of a high school in Arlington. Estimated cost $155,000.
Plans and specifications may be obtained from Clerk upon deposit of $15.

Bids Wanted—To Close December 7, 12:30 P. M.

SCHOOL Cost, $116,000
SKYKOMISH, Washington.
School building (14 classrooms, gymnasium, audit rium, stage, alterations to vacuum heating plant, etc.)
Owner — School District 102, King County, Skykomish.
Architect—William Mallis Lyon Bldg. Seattle Wash.
Plans and specifications may be obtained from the architect upon deposit of $15.

Bids Opened.

GYMNASIUM Cost, $46,679
MADERA, Calif
One-story reinforced concrete gymnasium (composition roof, some tile, steel columns, maple floors).
Owner — Madera Union High School District
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.
Low Bidder — Midstate Constr. Co., 902 Fower Bldg., Fresno.
Complete bids follow:
Midstate Constr. Co., Fresno....$58,797
J. C. Meyers, Stockton 60,497
W. J. Oehs, Fresno..... 65,900
Recommendation made to PWA to award contract to Midstate Constr. Co., at $49,617, accepting certain alternates.

Low Bidders.

NORMAL SCHOOL GYM., ETC. Cost, $201,600
BELLINGHAM, Washington.
Two-story reinforced concrete normal school addition (gymnasium to contain locker rooms, dressing rooms, shower baths, offices, etc., swimming pool wing; tar & gravel plank roof on steel trusses, brick exterior, cast stone trim, etc.
Owner—State of Washington.
Architect—Bebb & Gould, Hodge Bldg. Seattle, Wash.
Low Bidder — Henrikson - Allstrom Constr. Co., Textile Tower, Seattle, at $139,790.
Plumbing and Heating—Tegenfeldt & Farquharson, Bellington, $42,699.
Electric — NePage-McKenny Co., 804 6th St., South, Seattle, $7195.
Bids held under advisement.

Bids Wanted—To close December 12, 10:30 A. M.

GYM. & SHOPS Cost, $60,000
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop buildings (reinforced concrete construction).
Owner — Selma Union High School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Plans and specifications may be obtained from the architect.

Plans Being Figured—Bids Close December 10, 8 P. M.

SCHOOL Cost, $42,000
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco grammar school (11 classrooms), composition roofing, steam heating system, wood floors, wood sash, etc.
Owner—Sebastopol Union High School District.
Architect—Herbert & Caukliis, Rosenberg Bldg., Santa Rosa.
Engineer — W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $15.00.

Bids Wanted—To Close December 7, 1:30 P. M.

ADDITION Cost, $118,181
CAMAS, Washington.
Alterations and additions to high school (two-story and basement concrete and brick addition).
Owner—Camas School District.
Architect — Donald J. Stewart, 707 Main St., Vancouver.
Plans and specifications may be obtained from the architect upon deposit of $25.

BONDS VOTED

VIRGINIA CITY, Nevada. Virginia City School District voted bonds in the amount of $20,000 September 29. Proceeds to finance construction of a new school in Virginia City.

New Bids Wanted—To Close Dec. 7, 10:00 A. M.

INFIRMARY Cost, $3,000
CORVALLIS, Oregon. Oregon State College Campus.
Three-story reinforced concrete infirmary (brick exterior) (24x12 ft.)
Owner—State of Oregon.
Architect—John V. Bennes, 712 Lewis Bldg., Portland
On bid opening lowest bid was submitted by Shattuck & Neeland, Cole Bldg., Portland, at $121,000.
Plans and specifications may be obtained from the architect upon deposit of $20.

LOW BIDDER

LOS ANGELES, Cal. — Herbert M. Baruch Corp., 625 S. Olive St., submitted low bid to the Los Angeles Board of Education, at $135,415, for reconstruction, strengthening and rehabilitation of the main building at University High School, 11,900 Texas Ave., West Los Angeles District. Claud Beelman, 1019 Union Bank Bldg., architect, and Paul Jeffers, 816 W. Fifth St., Structural Engineer

BIDS OPENED

SAN FRANCISCO—Regal Floor Co., 450 Spear St., at $19,06 submitted low bid to Department of Public Works for sanding new maple floor on stage of High School of Commerce, Van Ness Ave. and Hayes St. Area of floor is approximately 2,750 sq. ft. Only other bid was submitted by Inland Floor Company at $39.00. Bids held under advisement.

New Bids Wanted—To Close December 9, 8 A. M.

GRADE SCHOOL Cost, $——
JOHN DAY, Oregon.
New grade school.
High School building.
Owner—School District No. 3, Grant County (G. C. Carl, chairman).
Architect—Bailey & Dougan, Studio Bldg., Portland.
Plans and specifications may be obtained from the architect upon deposit of $10.00.
On previous bid opening lowest bid was submitted by E. B. Moore, Baker, Ore., at $23,291.

Bids Wanted—To Close December 9, 8 P. M.

SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $10.00.

Bids Opened

ALTERATIONS Cost, $120,000
BERKELEY, Alameda Co., Cal. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect—Bakewell and Weihe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Low Bidder—K. E. Parker 135 South Park, San Francisco, $155,400.

Complete bids follow:
(1) Work complete;
(a) Deduct allowance for old material;

ALTERNATES

(1) Deduct for alternate clock signal and fire alarm system;
(2) Deduct if material for covering exterior doors is changed;
(3) Add for alternate acoustical treatment;
(4) Deduct for omitting vacuum pump and installation;
(5) Deduct for omitting various work items;
(6) Deduct for omitting other various work items;
(7) Alternate combination, deduct.

K. E. Parker, S. F.	(1)	$155,400
	(1a)	700
	(1)	300
	(2)	600
	(3)	750
	(4)	400
	(5)	7,500
	(6)	1,550
	(7)	625
*C. N. Swenson, San Jose	(1)	$165,000
	(1a)	500
	(1)	298
	(2)	475
	(3)	200
	(4)	510
	(5)	8,000
	(6)	1,974
	(7)	1,474
Dinwiddie Const. Co., S. F.	(1)	$176,000
	(1a)	1
	(1)	300
	(2)	600
	(3)	825
	(4)	400
	(5)	7,150
	(6)	2,000
	(7)	1,075

*Bid not accompanied by a certified check.

Checks were referred to the District Attorney and to PWA engineers.

CONTRACT AWARDED

LONG BEACH, L. A. Co., Calif.—Pacific Realty & Building Co., 433 E. Broadway, Long Beach, awarded contract by the Long Beach board of education at $91,283, using salvaged materials for the construction of the Garfield school.

R. D. Van Alstine, structural engineer, 410 E. 9th St., Long Beach.

Bids Wanted—To Close December 12, 5 P. M.

SCHOOL Cost, $22,000
TRUCKEE, Nevada Co., Calif.
One-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted — To Close December 12, 2 P. M.

SCHOOL Cost, $127,000
ENUMCLAW, Washington.
Masonry addition to high school plant (gymnasium, auditorium, stage, cafeteria, mechanics room, shower rooms, study hall, etc.)
Owner—School District 216, John F. Hansen, Clerk.
Architect — William Mallis, Lyon Bldg., Seattle.

Plans and specifications may be obtained from the architect upon deposit of $15.

Bids Wanted—To Close December 6, 9 P. M.

SCHOOL Cost, $125,454
KENNEWICK, Washington.
Two-story reinforced concrete school (227x132 feet) auditorium, gymnasium, cafeteria, offices, classrooms, etc.
Owner — School District 17, Benton County, (Erwin Black, Supt. of Schools).
Architect—Earl W. Morrison, Textile Tower, Seattle, Wash.

Bids Wanted—To Close December 10, 9 A. M.

SCHOOL Cost, $90,000
HOQUIAM, Washington.
Three-story cement and cast stone school (220x92 feet).
Owner—School District 28, Hoquiam, Wash. (H. C. Cressmpacker, Supt. of Schools).
Architect—Earl W. Morrison, Textile Tower, Seattle, Wash.

Plans and specifications may be obtained from the architect upon deposit of $15.

Bids Wanted—To Close December 10, 8 P. M.

SCHOOL Cost, $15,000
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner—Prunedale Elementary School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.

Plans and specifications may be obtained from the architect and from the County Superintendent of Schools, Court House, Salinas, upon deposit of $10.00.

Bids Wanted—To Close December 7, 10 A. M.

AUDITORIUM Cost, $35,000
PLEASANTON, Alameda Co., Calif.
One-story reinforced concrete auditorium at Amador Joint High School (to seat approximately 900).
Owner—Amador Joint Un. High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Plans and specifications may be obtained from the architect upon deposit of $25.00.

Contract Awarded.

ADDITION Contract Price, $37,900
DELANO, Kern Co., Calif. Campus of high school.
Auto and farm mechanics building.
Owner—Delano Joint Un. High School District.
Architect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
Contractor—Williams and Greenough, 130 Lincoln St., Bakersfield.

Contract Awarded.

ADDITION Cont. Price, $20,452
SACRAMENTO COUNTY, Calif. Two miles east of Sacramento.
One-story frame and stucco addition to elementary school (2 classrooms and assembly hall).
Owner—Arden Elementary School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Contractor—Lawrence Const. Co., 5372 9th Ave., Sacramento.

Complete bids follow:
(1) add; (2) deduct.

Lawrence Const. Co., Sacramento		$20,585
	(1)	410
	(2)	543
Petersen & Steinbrenner, Sacramento		$21,062
	(1)	766
	(2)	714
L. Ubels, Ripon		$21,170
	(1)	550
	(2)	475

New Bids Wanted—

HIGH SCHOOL Cost, $——
JOHN DAY, Oregon.
Owner—School District No. 3, Grant County (G. C. Carl, chairman).
Architect—Bailey & Dougan, Studio Bldg., Portland.

Plans and specifications may be obtained from the architect upon deposit of $15.00.

On previous bid opening lowest bid was submitted by E. B. Moore, Baker, Ore., at $99,104.

Plans Completed.

SHOP Cost, $13,000
RIO VISTA, Solano Co., Cal. High School Campus.
One - story frame and stucco shop building for agricultural department of high school (composition roofing).
Owner—Rio Vista School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Project is waiting WPA approval.

BIDS WANTED

PLACENTIA, Orange Co., Calif.—Until **December 10**, 10:45 a. m., (bids to be opened at 11 a. m.), bids will be received by the Placentia School District, Placentia, for a one-story school building to be erected at Bradford Avenue school, Placentia, a PWA project. Cost, $45,000. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

BIDS WANTED

BREA, Orange Co., Calif.—Until **December 10**, 7:30 p. m. (bids to be opened at 7:45 p. m.), bids will be received by the Brea Elementary School District, Brea, for the reconstruction, rehabilitation and strengthening of the main building at Brea grammar school, Brea, a PWA project. Cost, $90,357. T. C. Kistner, 814 Architects' Bldg., Los Angeles, architect.

LOW BIDDER

LOS ANGELES, Calif. — George Mittry, 122 S. Avenue 20 submitted low bid to Los Angeles board of education, at $59,500, for the construction of Unit No. 2 at the Sixty-first Street school, 6050 S. Figueroa St. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

BIDS WANTED

LOMPOC, Santa Barbara Co., Calif.—Until **December 7**, 7:30 P. M., bids will be received by the Lompoc Union School District for the construction of an auditorium and classroom addition to the Lompoc grammar school, a PWA project. Plans and specifications may be obtained from the architect, E. Keith Lockard, 117 E. De la Guerra St., Santa Barbara, upon deposit of $10. Certified or cashier's check or bond for 5 per cent must accompany each bid. Estimated cost $20,000.

BIDS WANTED

FULLERTON, Orange Co. Calif.—Until **December 4**, 7 p. m., bids will be received by Fullerton Elementary School District for rehabilitating and adding two classrooms to the Maple Avenue elementary school in Fullerton, a PWA project. Certified or cashier's check or bond for 5 per cent must accompany each bid. Plans and specifications may be obtainable in Fullerton upon deposit of $25.

Deuel & Schoeller, 405 Douglass Bldg. Los Angeles, Structural Engineers, and Architect Everett E. Parks, 423 N. Claudina St., Anaheim. Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, consulting architects.

BIDS WANTED

EAGLE ROCK, Los Angeles Co., Calif.—Until **December 6**, 2 p. m., bids will be received by the Los Angeles Board of Education purchasing bureau, 1425 S. San Pedro St., for the

onstruction, rehabilitation and engthening of the auditorium section at Eagle Rock elementary school, 7 Fair Park Ave., Eagle Rock district.
lott M. Marston, 617 Douglas Bldg., s Angeles, Architect, and Martin hl, 2600 S. Hoover St., Los Angeles, uctural Engineer. •

W BIDDER
LOS ANGELES, Calif. — Carl J. nson, 654 East 81st St., Los Angeles, submitted low bid to Los Angeles board of education at $61,917, a one-story school building to be lt at Loma Vista Avenue school, 9 East 58th St., Maywood.
.. S. Nibecker, Jr., architect, 1425 San Pedro St., Los Angeles.

W BIDDER
'EMPE, Ariz.—Del E. Webb Conuction Co., 1633 W. Jefferson St., oenix, submitted low bid to Tempe ion High School District, at $34,990, the concrete gymnasium in Tem- Arizona. •

W BIDDER
'EMPE, Ariz.—H. Mayson, 9317 pper Ave., Los Angeles, submitted bid to Arizona State Teachers' lege at Tempe at $151,500, for the struction of a women's dormitory the college campus in Tempe, a A project. It will be a two-y, class A structure, containing rooms. It will have a frontage 200 feet and two wings, each 35x feet in area; pressed brick facing, position roofing, metal lath and ster partitions, cement floors with per tile and linoleum covering, m heat, art stone trim, fire es-es, interior tile work, etc. Lesch- & Mahoney, 1100 Title & Trust g., Phoenix, architects.

EPARING PLANS
NOWFLAKE, Ariz. — Architects cher & Mahoney, 1100 Title & st Bldg., Phoenix, are preparing a for a one-story school building be built in Snowflake, Ariz., for Snowflake Union High School rict, a PWA project. Cost $35,000.

S WANTED
OS ANGELES, Calif.—Until Dep 4, 2 p. m., bids will be reed by Los Angeles board of edu-on purchasing bureau, 1425 S. San o St., for a one-story school ding to be erected at the Sixty-th Street school, 612 West 68th

S. Nibecker, Jr., architect. Cost 00. •

DS VOTED
NTA MONICA, L. A. Co., Calif. nta Monica voters affirmed a 000 bond issue representing the ict's share of the cost of a $1,-00 school improvement program. will finance 80 per cent of the and has already appropriated s for this purpose. The program des a new school on the Grant rehabilitation of McKinley school rehabilitation of auditorium and eria wings at Lincoln junior high ol. John and Donald B. Park-, 803 Title Insurance Bldg., Los les, are the architects for these cts. Other projects for which h, Smith & Powell, Architects' , Los Angeles, are the architects, as follows: Rehabilitate three ings at Madison school; also re-itate main, science and shop ings, partly convert existing aud-um into cafeteria and classroom ture, and construct a new rein-d concrete auditorium and a steel or wood frame gymnasium e high school. •

16—BANKS, STORES AND OFFICES

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif., 430 Castro Street.
Alterations to store (new front, etc.)
Owner—Martin Stelling.
Architect—Earl Bertz, 681 Market Street.
Contractor—Frank Appelbe, 1067 Walker Ave., Oakland

Contract Awarded
ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif., S.E. Third and Folsom Streets.
Alterations to restaurant.
Owner—Theodor Loapas, 301 Third Street.
Architect—Not given.
Contractor—Lambertson Sales Co., 942 Mission Street

BIDS WANTED
SAN FRANCISCO—Until Nov. 27th, 1:45 P. M., bids will be received by Department of Public Works, 251 City Hall, for structural steel and concrete floors in the Mayor's Chambers in the City Hall.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall. No deposit required.

To Ask Bids In About One Week.
ADMIN. BLDG. Cost, $85,000
SAN FRANCISCO. Bush and Stockton Streets.
Three - story reinforced concrete administration building (for the San Francisco Bay Exposition).
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Bldg.

Bids Wanted—To Close Dec. 9, 2 P. M.
ADMIN. BLDG. Cost, $85,000
SAN FRANCISCO. SE Bush & Stockton Streets.
Three - story reinforced concrete administration building for the San Francisco Bay Exposition.
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Building.
Bids will be opened by the Public Utilities Commission, Room 287, City Hall.
Plans and specifications may be obtained from the Director of the San Francisco Bay Exposition upon deposit of $20.00. •

Contract Awarded
BANK & STORES Cost, $—
NAPA, Napa Co., Calif. Second and Brown Streets.
One-story concrete store building and alterations and additions to bank building (two entrances, new bank fixtures, marble and bronze; marble floors, new show windows, new steam heating system, etc.)
Owner—Capital Co., 625 Market Street San Francisco.
Plans by Construct. Dept. of Owner, 625 Market St., San Francisco.
Contractor—Moore & Roberts 693 Mission St., San Francisco.

Contract Awarded.
STORE Cost, $7500
PLACERVILLE, Eldorado Co., Calif.
One-story brick store building (28x 100 feet) two stores, composition roofing, steel sash, concrete floors with linoleum covering, etc.
Owner—Mason J. Meredith.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Frank Schmershal, Box 129, Placerville.

Plans Being Prepared.
ALTERATIONS Cost, $—
STOCKTON, San Joaquin Co., Calif. No. 24 North Sutter Street.
Alterations for branch and office bldg.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner. Bids will be asked at a later date.

Construction Started
OFFICE BLDG. Cost, $10,000
SALINAS, Monterey Co., Calif. Monterey Street near Alisal St.
One - story reinforced concrete office and store building.
Owner—Mrs. N. Muller.
Architect — Charles McKenzie, Twohy Bldg., San Jose.
Contractor—John Grau, 238 Winham St., Salinas.
Grading and excavation underway.

Contract Awarded.
ALTERATIONS Cost, $6000
SAN FRANCISCO. No. 231-33 Post St.
Alterations to store and loft building.
Owner—Carmelita Meyerhoff and Hildegrade Melsheimer, Traben Trarbach and Goettengen, Germany.
Architect—Not Given.
Contractor — George Brunno Van Aalst, 41 West Portal Ave.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. SW Howard and Russ Streets.
Alterations to store building.
Owner—Clarke Estate.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded
ALTERATIONS Cost, $2500
SAN FRANCISCO. SE Polk and Ellis Streets.
Alterations to sales building.
Owner—Chanslor & Lyons Stores, Inc.
Architect—Not Given.
Contractor — P. J. Walker Co., 608 Sharon Bldg., San Francisco.

PLANS BEING FIGURED
LOS ANGELES, Calif.—E. Broox Randall & Sons, 5664 Hollywood Blvd., are taking bids from a selected list of contractors for a two-story rein. concrete store and office building (124 x97 ft.) to be built at 5901-09 Sunset Blvd. for selves.
Gilbert Stanley Underwood, 1400-04 Continental Bldg., architect. Cost, $50,000.

Contract Awarded
BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One - story and basement reinforced concrete bank building.
Owner—Capital Co., 625 Market Street, San Francisco.
Plans by Architectural Dept. of Owner
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Contractor — H. H. Larsen, 64 South Park, San Francisco.
Construction will not start immediately.

Contract Awarded.
MARKET Cost, $15,000
SAN FRANCISCO. West Portal Ave. and Vicente St.
One-story Class C reinforced concrete market building.
Owner—W. R. Ray, 1370 Harrison St.
Engineer—Ellison and Russell, Pacific Building.
Contractor—Mission Concrete Co., 270 Turk Street.

17— THEATRES

Contract Awarded

ALTERATIONS Cost, $15,000
SAN JOSE, Santa Clara Co., Calif.
North First Street.
Alterations to Victory Theatre (alter front, new loge section, new seats)
Owner—Phelan Estate, Phelan Bldg., San Francisco.
Architect—W. I. Garren, 233 Post St., San Francisco.
Contractor—W. M. Caldwell, 1241 Hedding St., San Jose.

18— WHARVES & DOCKS

Contract Awarded

WHARF Cont. Price, $101,400
SAN FRANCISCO. Piers 44 and 46.
Reinforced concrete bulkhead wharf extending across Piers 44 and 46 (600x60 - feet) reinforced concrete deck on concrete jacketed piles.
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor—Healy-Tibbitts Const. Co. 64 Pine Street.
Complete bids follow:
(1) lump sum for concrete bulkhead wharf;
(2) 4,500 c.y. earth fill;
(3) 3,000 tons Class A rock;
(4) 5,000 tons Class B rock;
(5) driving 105 creosoted piles;
(6) 50 sub caps;
(7) price per untreated pile, add or deduct;
(8) lump sum bid items 1 to 6 inc.

Healy-Tibbitts	(1)	$ 92,275.00
	(2)	.25
	(3)	1.50
	(4)	.25
	(5)	30.00
	(6)	12.00
	(7)	16.00
	(8)	101,400.00
Ben C. Gerwick	(1)	$ 89,200.00
	(2)	.60
	(3)	2.25
	(4)	.75
	(5)	30.00
	(6)	10.00
	(7)	15.00
	(8)	103,800.00
Duncanson - Harrelson	(1)	$ 90,225.00
	(2)	.50
	(3)	2.25
	(4)	1.45
	(5)	25.00
	(6)	20.00
	(7)	20.00
	(8)	107,850.00
Pacific Bridge Co.	(1)	$ 84,868.00
	(2)	.85
	(3)	3.05
	(4)	2.00
	(5)	29.00
	(6)	13.50
	(7)	22.00
	(8)	108,113.00
A. W. Kitchen Co.	(1)	$ 92,734.00
	(2)	.58
	(3)	2.30
	(4)	1.22
	(5)	48.50
	(6)	16.00
	(7)	19.00
	(8)	112,436.50

Contract awarded subject to approval of the PWA.

Contract Awarded

WHARF, ETC. Cont. Price, $66,720
SAN FRANCISCO. Piers 24 and 26.
Connecting wharf and wharf shed (jacketed piles, timber deck, etc.)
Owner—State of California (Board of Harbor Commissioners).
Engineer—Frank G. White, Ferry Building.
Contractor—Healy-Tibbitts Const. Co. 64 Pine Street.
Complete bids follow:

Healy-Tibbitts Const. Co.	$66,720
Clinton Const. Co.	69,100
Lindgren & Swinerton	73,695
Duncanson-Harrelson Co.	76,660
A. W. Kitchen	78,120
M. J. McGovan	84,174
MacDonald & Kahn	97,000

Contract awarded subject to the approval of PWA.

Bids Wanted—To Close December 9, 4:30 P. M.

WHARF, ETC. Cost, $270,879
OAKLAND, Alameda Co., Cal. Outer Harbor.
504-foot extension to wharf (creosoted apron, concrete bulkhead wall, asphalt surfacing, etc.)
Owner—City of Oakland Port Commission
Plans by Engineering Dept. of Owner.
Bids are being received on Contract A, consisting of construction of wharf, rear retaining wall, dredging, riprap and railroad tracks. Estimated cost, $208,500.
Plans and specifications may be obtained from above office upon deposit of $25.00.
Bids will be taken at a later date on Contracts B and C.
Contract B consists of a fill between retaining wall, grading and paving area between retaining wall, street work, sewers, paving of apron wharf, etc. Estimated cost, $51,000.
Contract C consists of sprinkler system and water lines. Estimated cost, $13,289.

19—MISC. CONSTRUCTION

PREPARING PLANS

SANTA MONICA, Los Angeles Co., Calif.—Architect Edward Cray Taylor, 803 W. Third St., Los Angeles, are preparing working drawings for a large hangar to be built at 300 Orean Park Blvd., Santa Monica, for the Douglas Aircraft Co. Bids for structural steel on a per ton basis, will be taken in about ten days. The building will cover an area of 285x300 feet and will be 90 feet in height from the floor to the highest point of the roof. It will have concrete footings and floor, structural steel frame, corrugated iron sides and roof, steel sash, steel rolling doors, 250 feet in width and 35 feet high, mezzanine floor, etc. An addition to the company's factory is already under way, with construction being handled on a segregated contract basis.

Plans Being Prepared.

HANGAR & SHOP Cost, $100,000
BAKERSFIELD, Kern County, Calif. County Airport.
Hangar and shop building (300x132-ft.) steel frame structure, requiring 150 tons of structural steel, metal siding, metal lumber, steel sash, steel rolling doors, etc.
Owner—County of Kern.
Architect—Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield.
Structural Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Bids Wanted — To Close December 9, 10 A. M.

INCINERATOR Cost, $76,889
YAKIMA, Washington
Refuse incinerator (building, ramps, furnaces, chimney and appurtenances) chimney, reinforced concrete, common and fire brick, refractory mat, ladders, lightning rods, etc.; furnace; common brick, refractory lined, fuel starting apparatus, etc.)
Owner—City of Yakima.
Plans by C. E. Crownover, City Engineer.
Plans and specifications may be obtained from City Clerk Pearl Benjamin, Yakima, Wash.

Plans Being Revised

RADIO STATION Cost, $—
REDWOOD CITY, San Mateo Co., Cal.
Frame and reinforced concrete radio transmitting station.
Owner—Hearst Radio.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.
New bids will probably be asked at a later date.
As previously reported, Robt. Garcia, 2045 University Ave., Palo Alto awarded contract for well drilling.

BIDS WANTED

SACRAMENTO, Calif.—Until December 3, 2 P. M., bids will be received by George B. McDougall, State Architect, Public Works Building, Sacramento for the wrecking of dwellings and outbuildings, owned by the State of California on Premises at 1122 N. Street and 1220 N. Street, Sacramento. Bid forms may be obtained from above office.

CONTRACT AWARDED

BURBANK, L. A. Co., Calif.—Pacific Electrical & Mechanical Co., 5[illegible] Loew's State Bldg., awarded contract for installing electrical work in Stage No. 11 under construction at Warner Brothers-First National Studios in Burbank. Including the work under way, Pacific Electrical & Mechanical Co. has made electrical installations totaling $250,000 in cost, in nine stages, crafts building, property building and power house at the studio.

Preliminary Plans Approved—Working Drawings Started.

TOLL PLAZA Cost, $300,0[illegible]
SAN FRANCISCO, Golden Gate bridge Toll Plaza (16 toll houses, administration building and services, probably concrete construction).
Owner—Golden Gate Bridge Co., [illegible] Sutter St. (J. B. Strauss, Chief Engineer).
Engineer—Jos. B. Strauss, Chief Engineer, Golden Gate Bridge Co. 111 Sutter St.

November 26, 1935

Low Bidder

MUSEUM, ETC. Cost, $—
PENDLETON, Oregon.
Two-story and basement museum and community house (77x150 feet).
Owner—John Vert Community Assn.
Architect—Jones and Marsh, Woodland Bldg., Portland.
Low Bidder—Wm. and L. L. Quigley, 4316 SE Ash St., Portland, $1[illegible] 635.
Only other bid was submitted by Allyn & Powers, Portland, at $209,504.
Bids held under advisement.

BIDS OPENED

Stockton, San Joaquin Co., Calif.
General Engineering & Drydock Co. 1100 Sansome St., San Francisco, $4 765 submitted low bid to the Board of Supervisors for construction of ferry boat to be delivered at Stockton.
Complete bids follow:
General Engineering & Drydock Co., San Francisco $4,7[illegible]
Wm. Colberg, Stockton 4[illegible]
Bundeson & Lauritzen, Pittsburg 5[illegible]
F. L. Fulton, Antioch 5[illegible]
Bids held under advisement.

CONTRACT AWARDED

SAN FRANCISCO—E. J. Tracy, [illegible] Call Bldg., at $17,161.60 awarded contract by Public Utilities Commission City Hall, for constructing a storage yard for railway materials on block bounded by Mariposa, Bryant, 17th and York Streets.

BIDS WANTED

SAN FRANCISCO.—Until Dec. 5 P. M., bids will be received by Public Utilities Commission, Room 287, C

Hall, for additions to Hangars Nos. 3 and 4 at the Municipal Airport.

Plans and specifications may be obtained at Room 605, Water Department Bldg., 425 Mason St., upon deposit of $10.; Airport Contract No. 37.

Grading Contract Awarded.
TRAINING TRACK Cost, $——
EDITHVALE, Santa Clara Co., Calif.
Six miles south of San Jose.
Horse training track (one mile track) stables and dormitory for jockeys and handlers.
Owner—Norman Church, Glendale.
Architect—Not Given.
Grading—Earl W. Heple, 491 Delmas St., San Jose, $4,000.

Plans Being Prepared.
SWIMMING POOL Cost, $5000
VISALIA, Tulare Co., Calif.
New swimming pool at County Hospital.
Owner—County of Tulare.
Architect — Ernest J. Kumo, Rowell Bldg., Fresno.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

SANTA CLARA AND SANTA CRUZ COUNTIES, Calif.—Following bids received by the State Division of Highways, J. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for rental of two pneumatic tired dump trucks, chassis weighs not less than 8,000 lbs., body capacity not less than 4 c.y., for approximately 1600 hours, to be used in Santa Clara and Santa Cruz Counties; (1) hand loaded, per unit per hour; (2) power shovel loaded, per unit per hour
A. Morrison, San Francisco, (1) $2.66, (2) $3.00;
Clarence Simmons, S.F., (1) $2.66; (2) $3.00;
Frank O'Shea, S. F., (1) $2.66; (2) $3.00;
Eugene Della Rosa, Martinez, (2) $3.00;
Thos. O'Brien, S. F., (2) $3.00;
Pacific Truck Service, San Jose, (2) $3.00;
H. Simons, S. F., (2) $3.25;
Hayward Building Materials Co., Hayward, (2) $3.00;
C. W. Beguhl, Lomito Park, (2) $3.00;
F. A. Lance, San Jose, (2) $3.00;
Daniel Gallagher, S. F., (1) $2.66; $3.00;

BIDS OPENED

SANTA CLARA & Santa Cruz Cos., Cal.—Chas. Kuppinger, Box 356, Lakeport, at $3.50 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for the rental of one power shovel, not less than ⅝-c.y. capacity, for approximately 800 hours, to be used in Santa Clara and Santa Cruz Counties.
Complete bids follow:
Chas. Kuppinger, Lakeport.....$3.50
Rock & Gravel Trucking Co., Oakland 3.65
W. G. Tyson, Redwood City..... 4.00
F. A. Lance, San Jose..... 4.00
C. Mankel, Sacramento..... 4.50
B. L. Phipps, Oakland..... 4.50
Johnson & Nelson, San Anselmo.. 4.75
A. Wallgren, San Francisco..... 4.96
Williamson & Son, S. F..... 5.00
Tiffany Const. Co., San Jose..... 5.50
A. B. Garcia, Irvington..... 6.50
Bids held under advisement. * 20
L. Giorgi, S. F., (2) $3.00;
C. & L. Trucking Co., S. F., (1) $2.66; (2) $3.00;
P. A. Puppo, S. F., (2) $3.00;
A. Morton, Menlo Park, (2) $3.00;
San Bruno Ave. Feed & Fuel Co., S. F., (2) $3.00;
Rock & Gravel Trucking Co., Oakland, (1) $2.66;
J. S. Baker, Burlingame, (2) $3.00;
Deysher & La Farque, San Anselmo (1) $2.66
All bids taken under advisement.

CONTRACTS AWARDED

FRESNO, Cal.—Contracts for furnishing miscellaneous construction materials for repair of Central CCC Camps in Fresno District, under Bid No. 2905-36-21, have been awarded by Lieut. G. T. Stump, Purchasing & Contracting Officer, Fresno District CCC, as follows:
Lumber—Standard Lumber & Mill Co. 1710 Blackston Ave., Fresno, $199
Hardware—Dallman Supply Co., 6th and R Sts., Sacramento, $188.70.
Roofing — Phillip Carey Co., 900 E. District Blvd., Los Angeles, $364.
Sheet Metal—Tay-Holbrook, Inc., 920 M St., Fresno, $22.79.
Cement—Standard Lumber & Mill Co. Fresno, $80.
Paint—Maisler Bros Lumber Co., 2244 Railroad Ave., Fresno, $82.

BIDS OPENED

SAN FRANCISCO. — San Francisco Paving Co., 6565 Third St., at $0.25 per c.y., submitted low bid to T. A. Brooks Purchaser of Supplies, City Hall, under Bid No. UR 1484, for furnishing approximately 20,000 c.y. quarry waste macadam material.
Complete bids follow:
San Francisco Paving Co. ..... $ .25
Max Rosenberg ..... .33
Richmond Const. Co. ..... .39
Golden West Quarry ..... .53
Chas. L. Harney ..... .58
John Cassaretto Co. 1.10
All bids plus sales tax, except that of Chas. L. Harney, which includes tax.

MACHINERY AND MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies

WAR DEPARTMENT

LOS ANGELES, Cal.—Until Dec. 5, 3 P. M., bids will be received by the U. S. Engineer, 715 S. Figueroa St., Los Angeles, for furnishing 30,275,000 lbs. steel reinforcement bars, f.o.b. contractor's plant under Circ. Prop. No. 238. The items are:
(1) 50,000 lbs. ⅝-in. round bars.
(2) 6,200,000 lbs. ½-in. round bars (29 ft. 6 in. length).
(3) 18,500,000 lbs. ⅝-in. round bars.
(4) 800,000 ¾-in. round bars;
(5) 2,000,000 lbs. 1-in. round bars;
(6) 1,200,000 lbs. 1-in. square bars.
(7) 675,000 lbs. 1⅛-in. square bars.
(8) 400,000 lbs. 1¼-in. square bars.
Bars shall be in mill lengths not to exceed forty feet, except bars for item 2, which shall be furnished in 29-ft. 6-in. lengths.

SACRAMENTO, Cal.—Until Dec. 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-96, for furnishing and operating two dump trucks and performing all work for hauling earth and cobbles loaded into them by dragline and dumping it as directed by the contracting officer at the site of work near Colusa Weir, about three miles north of Colusa.
Bids will be taken on the basis of furnishing and operating dump trucks for 200 hours; trucks to have dual rear wheels, pneumatic tires, 4 c.y. capacity.
Specifications obtainable from above office.

FORT MASON—Until December 11, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-135, for furnishing 18 folding deck chairs, with arms, carpet seats, etc.
Specifications obtainable from the above office.

SACRAMENTO, Cal.—Until Dec. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-98, for the sale of the following used transits.
(1) one Lietz transit
(2) one Gurley transit;
(3) one Brandis transit.
The transits may be inspected at the above office.

CANAL ZONE

PANAMA CANAL ZONE — Until December 5, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3106, for furnishing miscellaneous supplies and equipment, including:
Passenger automobiles, motor trucks motorcycle, steel channels, steel bars and flats, steel plates, plate zinc, sheet lead, copper sheets, copper-nickle alloy, bar copper, brass rods, seamless copper pipe, seamless brass pipe, cast-iron pipe tees, wire rope, barbed wire, waterclosets, slop sinks, bench grinder, chain hoists, tackle blocks, snatch blocks, pin-type insulators, nails, tin-lead solder, hose, Manila rope, wood furniture knobs, etc.
specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal Fort Mason, San Francisco.

ALAMEDA COUNTY

ALAMEDA, Alameda Co., Cal.—Until December 3, 8 P. M., bids will be received by the Board of Education of the Alameda High School District, W. G. Paden, Secretary, Administration Bldg., Oak St. and Alameda Ave., for furnishing and delivering one new school coach, 55-63 capacity (with jump seats).
Specifications obtainable from the above office.

SAN MATEO CITY

SAN MATEO, San Mateo Co., Calif.—Until December 2, 8 P. M., bids will be received by the San Mateo City Council, E. W. Foster, City Clerk, for furnishing:
(1) 3,250 l.f. 12-in. vit. clay sewer pipe
(2) 10 12x4-in. vit. clay sewer pipe wyes;
(3) 7,000 common brick;
(4) 10 c.y. No. 8 sand;
(5) 30 bbls. cement;
(6) 10 standard manhole frames and covers;
(7) 60 standard manhole steps.
Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

MULTNOMAH COUNTY, Oregon.—Edlefsen-Weygandt Co., N. Peninsular Boulevard, Portland, at $64,849.50 awarded contract by the Oregon State Highway Commission, Portland, for the construction of an underpass under the O.W.R.R.&N. Co.'s tracks and 0.49 mile of grading and paving on 122nd Ave. (Buckley Road) just east of Portland.

BIDS WANTED

SHASTA COUNTY.—Until December 9, 2 p. m., bids will be received by the State Highway Engineer, Public Works Bldg., Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pit River.

The bridge is to be constructed in connection with the Kennett Dam.

Plans and specifications obtainable from the above office.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 19, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway at Mission Road in the City of Los Angeles.

The work involves:

(1) 430 c.y. existing concrete to be removed and disposed of;
(2) 1 lot grading;
(3) 4,600 c.y. struc. excav.;
(4) 2,700 sq. yds. subgrade for pave.;
(5) 1,300 tons asphalt conc. pave.;
(6) 130 c.y. Class A Portland cement concrete (curbs, gutters, sidewalk);
(7) 5,360 c.y. Class A Portland cement concrete (struc.);
(8) 669,000 lbs. bar reinf. steel;
(9) 1,000,000 lbs. fabricated structural steel;
(10) 3,150 sq. yds. membrane waterproofing;
(11) 1,000 l.f. 4-in. special perf. metal drains;
(12) 170 l.f. 12-in. reinf. conc. pipe;
(13) 280 l.f. 68-in. do;
(14) 17,500 l.f. reinf. conc. piles, including test piles;
(15) 240 l.f. curb armor;
(16) 1,200 l.f. curb bars;
(17) 550 l.f. pipe handrail;
(18) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 19, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over Valley Blvd. and the tracks of the Southern Pacific Railroad in the City of Los Angeles, at Soto Street, consisting of concrete piers and abutments with steel superstructure and approximately 0.62 mile of roadway to be graded and paved with asphalt concrete pavement.

The work involves:

(1) 15 sta. clearing and grubbing;
(2) 220 M. gals. water;
(3) 23,000 c.y. rdwy. excav., unclass.
(4) 2,500 c.y. selected imported material;
(5) 1,700 c.y. struc. excav.;
(6) 6,550 sq. yds. subgrade for pave.;
(7) 21 stations finishing rdwy.;
(8) 2,250 tons asphalt concrete (base and leveling course);
(9) 1,200 tons asphalt concrete (type A surface);
(10) 190,000 lbs. bar reinf. steel;
(11) 1,650 c.y. Class A Portland cement concrete (struc.);
(12) 575,000 lbs. structural steel;
(13) 5,750 l.f. furnishing treated Douglas fir piles, including test piles;
(14) 164 each driving do;
(15) 290 l.f. 12-in. standard reinforced concrete pipe;
(16) 166 l.f. 4-in. plain vit. clay pipe;
(17) 20 tons gravel;
(18) 310 c.y. Class A Portland cement concrete (curbs, gutters, side-walks and local depressions);
(19) 2,400 sq. yds. asph. paint binder;
(20) 300 l.f. curb armor;
(21) 3,510 lbs. curb bars;
(22) 1,900 lbs. misc. iron and steel;
(23) 30,000 lbs. ornamental iron railing;
(24) 200 c.y. concrete to be removed and disposed of;
(25) 1 lot lighting equipment;
(26) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 19, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Union Pacific Railroad at Soto Street in the City of Los Angeles, consisting of reinforced concrete abutments on timber pile foundations with steel superstructure; and grading and paving with Portland cement concrete approximately 0.22 mile of roadway.

The work involves:

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

(1) 12 sta. clearing and grubbing;
(2) 74 M. gals. water;
(3) 38,000 c.y. rdwy. excav.;
(4) 7,200 c.y. struc. excav.;
(5) 7,500 sq. yds. subgrade for pave.;
(6) 12 sta. finishing rdwy.;
(7) 90 tons asphalt concrete;
(8) 1,400 c.y. Class A Portland cement concrete (pavement);
(9) 100,000 lbs. bar reinf. steel;
(10) 1,900 sq. yds. welded mesh reinforcement;
(11) 1,950 each pavement dowels;
(12) 2,400 c.y. Class A Portland cement concrete (struc.);
(13) 410 c.y. Class A Portland cement concrete (slope paving);
(14) 875,000 lbs. structural steel;
(15) 7,320 l.f. furnishing treated Douglas fir piles, including test piles;
(16) 480 each driving do;
(17) 890 l.f. 27-in. reinf. concrete pipe;
(18) 60 l.f. 21-in. do;
(19) 114 l.f. 18-in. do;
(20) 396 l.f. 12-in. do;
(21) 36 l.f. 10-in. vit. clay pipe;
(22) 574 l.f. 8-in. do;
(23) 100 l.f. 8-in. do (extra strength);
(24) 400 l.f. 6-in. vit. clay pipe;
(25) 150 l.f. 4-in. cast iron pipe;
(26) 250 c.y. Class A Portland cement concrete (curbs, gutters, sidewalk);
(27) 146 l.f. pipe handrail;
(28) 1,120 c.y. existing concrete to be removed and disposed of;
(29) 1 each sewer manhole (with salvaged flusher);
(30) 1 each sewer manhole (drop type)
(31) 1 each reconstruct sewer manhole (offset type);
(32) 1 do (drop type);
(33) 2,400 l.f. 2-in. conduit;
(30) 5,800 lbs. misc. iron and steel;
(35) 1 lot misc. items of work.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 19, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad and the Los Angeles Railway at Figueroa St., in the City of Los Angeles, consisting of one 127-ft., one 200-ft. and 103-ft. steel plate girder span, and five 75-ft. concrete girder spans on concrete piers and abutments; and grading and paving with asphalt concrete pavement approximately 0.23 miles of roadway.

The work involves:

(1) 9 stations clearing and grubbing;
(2) 1200 M. gals. water;
(3) 14,000 cu. yds. rdwy. excav., unclass.;
(4) 23,000 cu. yds. struc. excavation;
(5) 45,000 cu. yds. imported borrow;
(6) 3100 cu. yds. selected material;
(7) 6300 sq. yds. subgrade for pavement;
(8) 9 stations finishing roadway;
(9) 2200 tons asphalt concrete (base and leveling course);
(10) 1600 tons asphalt concrete (Type A surface);
(11) 5000 sq. yds. asph. paint binder;
(12) 2810 cu. yds. Class A Portland cement concrete (footing blocks)
(13) 11,600 cu. yds. Class A Portland cement conc. (structure);
(14) 130 cu. yds. Class F Portland cem. conc. (railing);
(15) 1,430,000 lbs. bar reinf. steel;
(16) 880,000 lbs. structural silicon steel;

(17) 710,000 lbs. structural carbon steel;
(18) 34,000 lbs. special cast steel;
(19) 12,700 lbs. cast steel;
(20) 900 lbs. misc. iron and steel;
(21) 4400 lin. ft. furnishing concrete piles, including test piles;
(22) 216 each driving conc. piles, including test piles;
(23) 6100 lin. ft. furnishing steel sheet piles, including test piles;
(24) 270 each driving steel sheet piles, including test piles;
(25) 806 cu. yds. Class A Portland cement concrete (slope paving and aprons);
(26) 184 lin. ft. 18-in. standard reinf. concrete pipe;
(27) 46 lin. ft. 18-in. extra strength reinf. concrete pipe;
(28) 155 lin. ft. 18-in. CMP;
(29) 270 cu. yds. Class A Portland cement concrete (curbs, gutters and sidewalks);
(30) 1900 lin. ft. traffic stripe;
(31) 300 cu. yds. conc. to be removed and disposed of;
(32) 500 lin. ft. 2-in. conduit;
(33) 355 lin. ft. 18-in. cast iron pipe;
(34) 14 lin. ft. 24-in. cast iron pipe;
(35) 3 each standard manholes complete;
(36) 1 lot lighting equipment;
(37) 1 lot miscellaneous items of work

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer, in San Francisco and Los Angeles. *

CONTRACT AWARDED

SANTA CLARA COUNTY, Cal.—A. J. Raisch, Burrell Bldg., San Jose, at $70,766 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the S. P. Railroad at San Jose, consisting of two concrete abutments and steel superstructures, and grading and paving with Portland cement concrete approximately 0.14 mile of roadway.

BIDS WANTED

GOVERNMENT ISLAND, Calif.—Until December 2, 2 p. m., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 2998: 1 110-in. continuous beam span, including all structural steel, etc., for the Big Creek Bridges. Delivery f.o.b. bidder's shipping point and/or Sanger.

BID NO. 2999: 1 55-in. structural steel stringer span, including all structural steel, etc., for South Fork Kaweah River Bridge. Delivery f.o.b. bidder's shipping point and/or Lemon Cove.

BID NO. 3000: 5 35-in. structural steel skew spans, including all structural steel, etc., for Rock Creek Bridge. Delivery f.o.b. bidder's shipping point and or Placerville.

Specifications obtainable from the above office. *

BIDS WANTED

SHASTA COUNTY, Cal.—Until December 9, 2 P. M., as previously reported, bids will be received by the State Highway Engineer, Public Works Bldg., Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pitt River, to be constructed in connection with the Kennett Dam.

The work involves:
(1) 90 active days rental of equipment
(2) 200 lin. ft. furnishing 6-in. casing;
(3) 1000 lin. ft. carbon loss.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

BIDS WANTED

SANTA CRUZ COUNTY, Cal.—Until December 18, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 0.5 mile grading, surfacing with bituminous macadam on crusher run base, and constructing two bridges in Santa Cruz County through the town of Ben Lomond.

The work involves:
(1) Clearing and grubbing right-of-way;
(2) 35 M. gals water;
(3) 500 cu. yds. stripping;
(4) 3000 cu. yds. roadway excavation unclass.;
(5) 870 cu. yds. structure excav.;
(6) 2200 tons crusher run base;
(7) 600 tons broken stone (bituminous macadam);
(8) 28 tons liquid asphalt 90-95 (bituminous macadam);
(9) 3 tons liquid asphalt SC-1A (shoulders);
(10) 2 tons liquid asphalt SC-2 (shoulders);
(11) 56,250 lbs. bar reinf. steel;
(12) 82 cu. yds. Class A Portland cement conc. (footing blocks);
(13) 265 cu. yds. Class A Portland cement conc. (strucs.);
(14) 315 cu. yds. Class A Portland cement conc. (light weight deck);
(15) 250,000 lbs. structural steel;
(16) 5000 lbs. cast steel;
(17) 37 MFBM Redwood timber, dense select all heart structural grade;
(18) 15 MFBM Redwood timber, select all heart, structural grade;
(19) 960 lin. ft. furnishing Redwood piles, including test piles;
(20) 48 each driving Redwood piles, including test piles;
(21) 320 lin. ft. 15-in. CMP;
(22) 24 lin. ft. 24-in. stand. reinf. concrete pipe;
(23) 170 lin. ft. exist. CMP to be removed and relaid;
(24) 2 each exist. bridges to be removed;
(25) 1 only detour bridge;
(26) 1 only detour road to be graded and oiled;
(27) 1 lot miscellaneous items of work

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles. *

22—DREDGING, HARBOR WORKS, EXCAVATION

TO PREPARE PLANS

REDWOOD CITY, San Mateo Co., Cal.—City Council has directed City Engineer E. L. Dimmitt to prepare plans and estimate of cost for improvements at the city's harbor. The city contemplates development of the harbor independently of plans originally formulated by the San Mateo County Harbor District, which has failed to finance the project.

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—Edwin Anderson, 998 Gilman Ave., San Francisco, at unit prices shown, awarded contract by the Richmond City Council for guniting piles at Wharf No. 1.

(1) Removal of old and cracked concrete, cleaning steel, and replacing same with cement gunite; $37.20 per cu. yd.
(2) Removal of old reinforcing steel and replacing with new reinforcing steel and No. 3 black annealed wire; $0.90 per lb.
(3) Galvanized welded wire fabric, in place; $0.26 per lb.

BIDS WANTED

SACRAMENTO, Cal.—Until Dec. 3, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut.-Col. L. R. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, under Bid No. 36-95, for furnishing and operating one dragline, and performing all work as directed by the contracting officer on east bank of Sacramento river near Colusa Weir, about 3 miles upstream from Colusa. Dragline to have 40-ft. boom, .5 c.y. bucket and 55-h.p. engine.

Bids will be taken as follows:
(1) 120 hours, furnishing and operating dragline;
(2) lump sum, delivery of dragline to site of work and removal there from upon completion of contract.

Specifications obtainable from above office. *

23—IRRIGATION PROJ.

CONTRACT AWARDED

OWYHEE PROJECT, Oregon.—Brent-Sturgill Co., Cascade Locks, Oregon, at $53,639 awarded contract by the Bureau of Reclamation, Ontario, under Spec. No. 646, for construction of earthwork and structures, South Canal, Station 1340 to Station 2016, Succor Creek Division, Owyhee Project, Oregon-Idaho.

24—STREET LIGHTING SYSTEMS

PURCHASE APPROVED

SAN MATEO COUNTY, Calif.—Board of Supervisors has approved purchase of $17,000 worth of trucks for use on WPA Projects. Ten thousand dollars will be used for purchase of second-hand trucks in good mechanical condition, and $7,000 will provide seven new 1½-yard dump trucks, cost of which will be partly offset by turning in four old trucks.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO.—A. Soda & Son, 5231 Grove St., Oakland, at $7,815.55 awarded contract by the Public Utilities Commission, City Hall, under Light and Power Contract No. 8 for furnishing and installing an addition to the lighting system in the Civic Center.

The firm bid $6,525.55 for the system complete except conduit, and $0.30 per l.f., total $1,290 for 1½-in. standard black conduit.

The work will be located on Fulton Street between Larkin and Leavenworth Streets; on McAllister St. between Larkin and Leavenworth Sts., and on Leavenworth St. between Fulton and McAllister Streets.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, Nov. 19, under Spec. No. 742-D, for furnishing twelve safety doors and appurtenances for passageways in penstock anchors, adits, and tunnel plugs of the lower tunnels at the Boulder Dam, Boulder Canyon Project:

Peter Clark, Inc., New York, $3,350 fob New York.

John W. Beam, Denver, $1,660 fob Peotone, Ill.

Berkeley Steel Const. Co., Inc., Berkeley, $2,276 fob Berkeley.

Leach Co., Oshkosh, Wis., $3,388 fob Oshkosh.

Pacific Car & Foundry Co., Seattle, $1,475 fob Renton, Wash.

Schrader Iron Works, San Francisco $1,995 fob San Francisco.

Isaacson Iron Works, Seattle, $1,830 fob Seattle.

Consolidated Steel Corp., Ltd., Los Angeles, $3,444 fob Los Angeles.

California Steel Products Co., San

Francisco, $1.488 fob San Francisco.
Bids held under advisement.

BIDS OPENED

MARIN and SONOMA COS., Calif.—U. S. Machinery Co., Rialto Bldg., San Francisco, at $3.03 per hour submitted low bid to the Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for rental of one power shovel, not less than ½ c.y. capacity, for approximately 800 hours, to be used in Marin and Sonoma Counties.

Complete bids follow:

U. S. Machinery Co., S. F.	$3.03
Johnson & Nelson, San Anselmo	4.27
L. A. Woods, Sacramento	4.50
A. D. Robinson, Healdsburg	4.95
F. A. Lance, San Jose	5.00
Rock and Gravel Trucking Co., Oakland	5.40
Tiffany Const. Co., San Jose	5.50
Western Crane Service, Oakland	6.00
B. L. Phipps, Oakland	6.30

Bids held under advisement.

BIDS OPENED

MARIN and Sonoma Cos., Cal.—Following bids received by Division of Highways, Jno. H. Skeggs, District Engineer, State Bldg., San Francisco, for rental of 2 pneumatic tired dump trucks, chassis weight not less than 2800 lbs., body capacity not less than 1½ c.y., for approximately 1,000 0hours, to be used in Marin and Sonoma Counties:

Rock & Gravel Trucking Co., Oakland: $1.52 per hour, hand loading; $1.73 per hour, power loading.

Joe Cunha, Hayward: $1.53 hand, $1.73, power.

Identical bids at $1.57 per hour submitted by Roy Parson, Long Beach; A. L. Green, Oakland; Ware Brothers, San Bernardino; Pete Wagner, Los Angeles; R. J. Higgins, Los Angeles; A. Soyland, Turlock; Walter L. Morgan, Pasadena; C. H. Sperring, Whittier; E. V. La Marr, Pasadena; R. L. La Marr, Pasadena; Walter Ryals, Pasadena.

A. D. Marble, Whittier: $1.57 hand; $1.70, power.

Identical bids at $1.57 per hour, hand loading, and $1.73 per hour, power loading, submitted by: Daniel Gallagher San Francisco; Eugene Della Rosa Martinez; V. S. Boren, Hollywood; W. Motta and A. Texeira, Oakland; L. A. Herlyck, Pasadena; F. Erickson, Lomita Park.

N. P. Van Volkenburgh, Los Angeles, $1.66.

Identical bids at $1.68 submitted by: V. M. Kimball, Van Nuys; R. G. Matheson, Santa Monica.

Identical bids at $1.73: Lambrecht Bros., Mill Valley; Hayward Building Material Co., Hayward.

B. B. Smedley, Bellflower, $1.75.

Paul O. Nelson, Redwood City, $1.85.

Frank Montauk, Los Angeles, $1.88.

A. D. Robinson, Healdsburg, $1.95.

D. M. Fahey, Daly City, $2.00.

Identical bids at $2.09 submitted by: Chas. L. Homey, San Francisco; H. E. Von Kruze, Healdsburg.

Portola Truck Service, San Francisco, $2.33.

H. E. Springer, San Francisco, $2.73.

Bids held under advisement.

26—— RAILROADS

NEW BIDS ASKED

SAN FRANCISCO.—Until December 2, 3 p. m., new bids will be received by the Public Utilities Commission, Room 287 City Hall, under Mun. Ry. Contract No. 170, for the reconstruction of the Union Street Tracks.

Bids on this contract were previously opened November 13, and the low bidder, Shannahan Bros., Inc., 6181 Eastern Ave., Los Angeles, at $43,242, were disqualified because they did not have a San Francisco City license.

The work involves:

(1) 54,000 sq. ft. removing pavement,
(2) 5,600 ft removing existing rail, ties and fastenings and hauling the material to the Municipal pipe yard, single track;
(3) 2,100 c.y. excavation and backfill for drains,
(4) 20 cu. yds ex and backfill for drains,
(5) lump sum, installing track drains
(6) 500 c.y. breaking and distributing crushed rock ballast;
(7) 1,300 c.y. furnishing and distributing crushed rock ballast;
(8) 5,600 ft. constructing girder rail track, complete, including hauling materials, but excluding excavation, paving and bonding, single track;
(9) 130 installing thermit weld joints;
(10) lump sum, installing double track over double track crossing;
(11) lump sum, installing crossover;
(12) 54,000 sq. ft. asphaltic pavement on concrete base,
(13) 4,400 sq. ft. asphalt conform pavement no removal of existing asphalt;
(14) 500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base,
(15) 5,800 ft. concrete stringer, single track.

Plans and specifications obtainable at Room 605, S. F. Water Department Bldg., 425 Mason St., upon deposit of $10.

A grant of 45% of the total estimated cost has been allotted by the PWA.

26

29—— STREETS AND HIGHWAYS

COMPLETE BID LISTING

INYO COUNTY, Calif. — Basich Bros., 20550 S. Normandie Ave., Torrance, at $9,864.50, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, November 19, for grading 7.3 miles of State Highway in Inyo County, between Death Valley Junction and the California-Nevada State Line.

The work involves:

(1) 18,300 cu.yds. roadway excav.;
(2) 475 cu.yds. ditch excav.;
(3) 110 cu.yds. structure excav.;
(4) 6500 sq.yds. overhaul;
(5) 88 lin.ft. 24-in. corr. metal pipe;
(6) 52 each monuments.

The total bids were:

(A) Basich Bros., Torrance, $9864.50;
(B) A. S. Vinnell Co., Los Angeles, $10,351.50.

The unit bids were:

	(A)	(B)
(1)	$ .49	$ .48
(3)	.50	1.50
(3)	1.00	1.50
(4)	.02	.02
(5)	3.00	4.00
(6)	3.00	4.00

COMPLETE BID LISTING

YAVAPAI COUNTY, Arizona.—All Arizona Engineering and Construction Co., Clifton, Arizona, at $70,709.38 as previously reported, submitted low bid Nov. 14, to the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway, WP-MH 12, AFE 7914.

The work, which is to extend from the southern city limits of Jerome southwesterly for about 1.8 miles, consists of grading, draining and aggregate base course, and is to be completed on or before April 30, 1936.

The total bids were:

(A) All Arizona Engr. & Constr. Co., Clifton, Ariz., $60,709.38.
(B) H. J. Hagen, Globe, Ariz., $84,795.26.
(C) P[illegible]n & Dickerson, Prescott, Ariz., $103,801.28.
(D) Phoenix-Tempe Stone Co., Phoenix, Ariz., $107,032.41.

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until December 2, 2 p. m., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, State Building, Los Angeles, for improving Los Feliz Road, in the City of Glendale, between San Fernando Road and Southern Pacific Railroad, Los Angeles County, about 0.2 mile in length, to be paved with asphalt concrete.

The work involves:

(1) 241 cu. yds. rdwy. excav. without class.;
(2) 210 cu. yds. structure excavation;
(3) 850 sq. yds. subgrade preparation;
(4) 875 tons asphalt concr. in place base and leveling course);
(5) 325 tons asphalt concrete in place type "B" surface course);
(6) 70 lbs. bar reinf. steel in place struct.);
(7) 1 cu. yd. class "A" Portland cem. concr. in place (structures);
(8) 14 lin. ft. 12-in. corr. metal pipe (14 ga.) complete in place);
(9) 14 lin. ft. 15-in. corr. metal pipe (14 ga.) complete in place;
(10) 150 lin. ft. 6-in. vit. clay pipe sewers in place (house conn.);
(11) 168 cu. yds. class "A" Portland cem. concr. in place (curbs, gutters, sidewalks, and driveways);
(12) 190 lin. ft. curb armor in place;
(13) 4900 sq. yds. asphalt paint binder in place;
(14) 50 lbs. misc. iron and steel in place;
(15) 2 manholes adjusted to grade;
(16) 205 cu. yds. existing Portland cem. concr. removed and disposed of.

Plans and specifications obtainable from the above office.

BIDS WANTED

WHITE PINE COUNTY, Nev.—Until December 4, 3 P. M., bids will be received by the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway system in White Pine County, Route 38, Section A between Lund and Preston, a length of approximately 5.38 miles.

Bids on this contract were previously opened November 13 and the only bid received, that of George French, Jr., Stockton, at $85,786.85, was rejected as excessive.

The work involves

(1) 567 l.f. remove culvert pipe;
(2) 6 each remove structure;
(3) 3 each remove stumps;
(4) 4,768 l.f. remove fence;
(5) 3 c.y. remove concrete;
(6) 25,200 c.y. rdwy. excav.;
(7) 24,084 yd. sta. overhaul;
(8) 47,200 c.y. select borrow;
(9) 530 c.y. struc. ecav.;
(10) 5.38 miles subgrade;
(11) 5.38 miles finish roadway;
(12) 20,720 tons crush. gravel or stone surface;
(13) 133 c.y. Class A concrete;
(14) 30 c.y. Class B concrete;
(15) 13,130 lbs. reinforcing steel;
(16) 252 l.f. relay culvert pipe;
(17) 492 l.f. 10-in. corru. metal pipe (dipped);
(18) 136 l.f. 15-in. do;
(19) 302 l.f. 18-in. do;
(20) 274 l.f. 24-in. do;
(21) 34 each monuments;
(23) 446 l.f. construct fence;
(23) 4,507 l.f. reconstruct fence;
(24) lump sum timber culvert.

Plans and specifications obtainable

the above office upon deposit of which amount $2.50 will be refunded; and on file at the office of Bureau of Public Roads, 807 Shell Bldg., 461 Market St., San Francisco.

S WANTED

ERSHING COUNTY, Nev.—Until ember 4, 3:15 P. M., bids will be ived by the Nevada State Highway Directors, Robert A. Allen, State hway Engineer, Heroes Memorial , Carson City, for the construction of a portion of the State Highsystem in Pershing County between Lovelock and five miles south, ngth of approximately 4.98 miles. e work involves

39 l.f. remove culvert pipe;
1 each remove concrete culvert;
6 each remove headwall;
3 each remove timber bridge;
5,300 c.y. rdwy. excav.;
34,850 c.y. select borrow;
242 c.y. struc. excav.;
4.98 miles finish roadway;
112 c.y. Class A concrete;
11 c.y. Class B concrete;
11,110 lbs. reinf. steel;
2.1 MFBM redwood;
276 l.f. 12-in. corru. metal pipe (dipped);
116 l.f. 15-in. do;
156 l.f. 18-in. do;
42 l.f. 30-in. do;
4 l.f. 36-in do.

ans and specifications obtainable the above office upon deposit of which amount $2.50 will be reable; and on file at the office of Bureau of Public Roads, 807 Shell Bldg., 461 Market St., San Francisco.

TRACT AWARDED

HITMAN COUNTY, Wash.—C. C. ert, 118 W. 17th St., Spokane, at 31 submitted low bid and awardcontract by L. V. Murrow, Director of Highways, Olympia, November 19, for grading and surfacing crushed stone on about 1.4 miles County road, Whelan Road, Junction Inland Empire Highway, Easterly e, eastery.

y J. Norris, Spokane, at $16,573 mitted second low bid, and L. C. ntain & Son, Clarkston, at $20,- submitted third low bid.

TRACT AWARDED

EVENS COUNTY, Wash.—N. A. erstrom, E-15 32nd St., Spokane, 14,777 submitted low bid and rded contract by L. V. Murrow, ector of Highways, Olympia, Nov. for grading and surfacing with bed stone on about 1.5 miles of nty road, Colville to Tiger, Narrows Creek section.

C. Wachter, Stevenson, at $14,870 mitted second low bid; and Leo J. n, Coulee City, at $15,603 subed third low bid.

TRACT AWARDED

SAGIT AND WHATCOM COS., h.—N. Fiorito, Inc., 844 W. 48th Seattle, at $106,250 submitted low and awarded contract by L. V. row, Director of Highways, Olympia Nov. 19, for paving with Portland cement concrete on about 3.5 s of State Road No. 1 (Lake Samroad, branch) Section 1, State el Pit to State Fish Hatchery, Section 2, Lake Samish vicinity ng.

cond and third low bids were mitted by Goetz & Brennan, Seat- at $106,487 and Northwest Conction Co., Seattle, at $106,687, reatively.

TRACT AWARDED

OWLITZ COUNTY, Wash.—F. E. ler, Route 2, Olympia, at $34,574 mitted the only bid and awarded

ALL-AMERICAN CANAL—EARTHWORK—(GOVT.)

ALL-AMERICAN CANAL, Arizona-California.—George Pollock Co., P. O. Box 903, Sacramento, at $71,407.00 on Schedule 1, and at $629,940 on Sched. 2, as previously reported, submitted low bid to the Bureau of Reclamation, Yuma, Arizona, under Spec. No. 647, for construction of earthwork for All-American Canal, Stations 50 to 245, Boulder Canyon Project. The work is located 10 to 14 miles north of Yuma.

Bids were taken as follows:

SCHEDULE NO. 1

(1) 921,000 c.y. excavation of canal, common;

SCHEDULE NO. 2

(2) 141,000 c.y. excavation of canal, common;
(3) 542,000 c.y. do. rock;
(4) 97,400 c.y. stripping for embankment;
(5) 25,200 c.y. excav. for cut-off trench under embankment & toe trench for rock fill on outside slope of canal embankment;
(6) 691,000 c.y. compacted embankment;
(7) 8,000,000 sta. c.y. hauling and placing rock fill on outside slope of canal embankment;
(8) 17,400 c.y. gravel blanket on inside slope of canal embankment;
(9) 1440 MFBM fabricating and driving timber sheet-piling.

The bidders were:

(A) George Pollock Co., Sacramento
(B) Mittry Bros. Const. Co. Los Angeles.
(C) Lewis Const. Co., Los Angeles
(D) Boyce-Igo Co., St. Louis, Mo.
(E) Jahn & Bresel, Los Angeles.
(F) Macco Const. Co., Clearwater.
(G) David H. Ryan, San Diego.
(H) Rohl-Connolly Co., Los Angeles.
(I) Isbell Const. Co., Reno.
(J) Martin Wunderlich Co., Jefferson City, Mo.
(K) Geo. W. Concon Co., Omaha.
(L) Griffith Co., Los Angeles.
(M) W. E. Callahan Const. Co., Los Angeles.
(N) Morrison-Kundsen Co. & Winston Bros., Los Angeles.
(O) Paul J. Tyler, Oroville.
(P) Guy F. Atkinson Co., Los Angeles.
(Q) V. R. Dennis Const. Co., San Diego, and A. Teichert & Son, Inc., Sacramento.
(R) S. J. Groves & Son, Minneapolis.
(S) Hardwick & Horton, St. Louis.
(T) Mark C. Walker, Omaha.

Complete bids follow:

	—SCHEDULE 1—				—SCHEDULE 2—						
	(1)	Total	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Total
(A)	$.767	$71,407.00	$.15	$.40	$.20	$.20	$.37	$.005	$.80	$40.00	$629,940
(B)	.16	148,960.00	.15	.46	.15	.18	.38	.005	.51	20.00	640,650
(C)	..	....	.22	.51	.18	.60	.28	.008	.80	27.00	650,300
(D)	.0847	78,855.70	.12	.55	.12	.12	.345	.005	.32	50.00	685,647
(E)	..	....	.215	.61	.15	.20	.335	.004	.75	25.00	685,860
(F)	.11	102,410.00	.20	.50	.12	.16	.40	.002	.38	50.00	685,884
(G)	.08	74,480.00	.18	.55	.18	.18	.365	.0065	.38	25.00	692,303
(H)	..	....	.45	.45	.18	.25	.35	.005	.50	50.00	693,660
(I)	..	....	.15	.58	.25	.25	.35	.003	.80	44.00	709,190
(J)	.10	....	.10	.65	.10	.10	.40	.002	.20	40.00	732,100
(K)	.115	107,065.00	.14	.595	.14	.14	.35	.009	.50	51.00	755,328
(L)	.0985	91,703.50	.25	.50	.30	.30	.458	.007	.35	50.00	793,478
(M)	.08	74,480.00	.15	.54	.18	.18	.48	.009	.48	33.00	795,378
(N)	.13	121,030.00	.17	.69	.17	.24	.39	.005	.50	50.00	810,678
(O)	.11	102,410.00	.13	.55	.24	.50	.48	.006	.39	59.00	$31,196
(P)	..	....	.22	.82	.25	.75	.30	.005	1.00	50.00	$55,310
(Q)	.099	92,169.00	.18	.64	.03	.08	.55	.005	.50	40.00	$68,386
(R)	..	....	.30	.68	.30	.30	.48	.01	.70	35.00	921,780
(S)	..	....	.15	.67	.12	.26	.43	.004	.95	35.00	978,542
(T)	.1074	99,989.40	..	..	..	..	..	..	..	..	.....

NOTE: The low bidder made no stipulations, which placed his bid on Schedule No. 1 low by reason of his being willing to accept both schedules.

LAGUNA BEACH — WATER SYSTEM — (DISTRICT)

LAGUNA BEACH, Orange County, Calif.—O. U. Miracle, 4751 Monroe St., San Diego, at $14,635, submitted low bid and awarded contract by the South Coast County Water District, Laguna Beach, November 21, for the construction of cast iron pipe water mains, valves, fire hydrants, fittings and appurtenances, and resurfacing of the trench in streets, alleys and rights of way, in accordance with plans prepared by A. J. Stead, Laguna Beach, engineer.

Proposed work will involve installations in Coast State Highway, Bluff Drive, Third Ave., Virginia Way and other streets, South Laguna.

The work involves:

(1) 985 ft. 2-in. cast iron pipe;
(2) 8695 ft. 4-in. cast iron pipe;
(3) 2920 ft. 6-in. cast iron pipe;
(4) 90 ft. ¾-in. copper services;
(5) 14 2-in. gate valves;
(6) 31 4-in. gate valves;
(7) 11 6-in. gate valves;
(8) 19 4-in. fire hydrants;
(9) 5 6-in. fire hydrants.

Total bids follow:

(A) O. U. Miracle, San Diego $14,635.00
(B) Marko Matick 15,384.80
(C) Nick Chutuk 15,823.30
(D) John Grancich 17,523.85
(E) Sutalo & Ramljak 18,509.43
(F) J. L. Kruly 18,659.75

Unit bids follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A	$.60	$.90	$1.15	$.75	$15.00	$27.00	$44.00	$38.00	$108.00
B	.62	1.02	1.36	.62	12.00	20.50	32.20	19.50	70.00
C	1.00	1.00	1.24	1.00	15.00	28.00	35.50	31.00	75.00
D	.59	1.19	1.40	.50	15.60	24.75	38.00	36.00	75.00
E	.85	1.25	1.47	.65	20.44	26.88	33.00	36.56	72.18
F	.55	1.20	1.85	1.60	12.00	20.00	30.00	30.00	90.00

VENTURA COUNTY—4.8 mi. Grade & Pave—(State)

VENTURA COUNTY, Cal.—Mittry Bros. Const. Co., 5531 Downey Road, with Bros. Constr. Co., 5531 Downey Road, with asphalt concrete, Portland cement concrete, and plant-mixed surviously reported, submitted low bid, on 4.8 miles grading and paving Los Angeles, at $466,036.50, as pre-ment concrete, and plant-mixed surviously reported, submitted low bid facing, in Ventura County, between to the State Highway Engineer, State Newbury Park and Conejo Creek.

Bldg., Los Angeles, November 21, for The work involves:

(1) 256 stations clearing and grubbing right of way;
(2) 13,000 M gals. water;
(3) 770,000 cu. yds. rdwy. excav; unclass;
(4) 1700 cu yds. imported selected material;
(5) 3850 cu. yds. struc. excav;
(6) 3200 cu. yds. ditch and channel excav;
(7) 6,300,000 station yds. overhaul;
(8) 70 tons liquid asphalt 90-95 (subgrade seal coat);
(9) 20 tons special asphaltic emulsion (subgrade stabilization);
(10) 1600 sq. yds. preparing, mixing, and shaping roadbed (subgrade; stabilization, station 56 plus 50 to station 66 plus 50);
(11) 37,000 sq. yds. subgrade for pavement;
(12) 256 stations finishing rdwy.;
(13) 7500 tons mineral aggregate (plant mixed surfacing);
(14) 400 tons liquid asphalt MC-5 or MC-extra heavy (plant mixed surfacing;
(15) 50 tons liquid asphalt MC-2 (prime coat)
(16) 35 tons liquid asphalt MC-3 (seal coat);
(17) 38,000 sq. yds. preparing, mixing and shaping shoulders;
(18) 40 tons liquid asphalt SC2- (prime coat);
(19) 460 tons liquid asphalt SC-2 (shoulders);
(20) 40 tons liquid asphalt 90-95 (seal coat;
(21) 1050 tons screenings (seal coat);
(22) 4800 sq yds. asphaltic paint binder;
(23) 1720 tons asphalt concrete (base and leveling course);
(24) 900 tons asphalt concrete (Type A surface);
(25) 6660 cu. yds. Class A Portland cement concrete (pavement);
(26) 13,500 each pavement dowels;
(27) 63,800 lbs. bar reinf. steel (pavement and struct.);
(28) 420 cu. yds. Class A Portland cement concrete (struct.);
(29) 1900 lin. ft. 8-in. CMP;
(30) 3080 lin. ft. 24-in. CMP;
(31) 180 lin. ft. 24-in. CMP, 12-gauge;
(32) 360 lin. ft. 30-in. CMP;
(33) 60 lin. ft. 36-in. CMP;
(34) 240 lin. ft. 36-in. CMP, 10-gauge;
(35) 11 each spillway assemblies;
(36) 28 each C M tapers;
(37) 50 lin. ft. CMP culverts to be cleaned and relaid;
(38) 50 lin. ft. CMP culverts to be cleaned and salvaged;
(39) 110 lin. ft. laminated guard rail;
(40) 90 lin. ft. solid timber wheel guard;
(41) 45 each culvert markers;
(42) 810 each guide posts;
(43) 5.5 miles new property fence;
(44) 2.0 miles property fence to be moved and reset;
(45) 20 each drive gates;
(46) 3100 lbs. misc. iron and steel;
(47) 400 cu. yds. exist. conc. to be removed and disposed of;
(48) 1 only exist. bridge to be removed and disposed of.

Total bids follow:

(A) Mittry Bros. Constr. Co., Los Angeles, $466,036.60.
(B) J. E. Haddock, Ltd., Pasadena. $495,261.
(C) Gibbon & Reed Co., Burbank, $516,532.
(D) Mundo Engineering Co. and Sander Pearson, Los Angeles, $526,340.
(E) Lewis Constr. Co., Los Angeles, $554,227.50.
(F) Geo. Pollock Co., Sacramento, $569,130.
(G) Granfield - Farrar and Carlin, San Francisco, $463,719. (Bid irregular—check insufficient).

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 8.00	$ 20.00	$ 12.50	$ 15.00	$ 7.00	$ 50.00	$ 18.00
(2)	1.00	.90	.75	1.50	.80	1.00	.20
(3)	.35	.39	.42	.40	.47	.48	.365
(4)	.50	.50	.55	.65	.50	.50	.50
(5)	1.50	2.00	1.35	2.00	1.20	1.00	1.25
(6)	.60	.75	.60	1.00	.60	.50	.50
(7)	.003	.005	.004	.005	.004	.005	.004
(8)	12.00	18.00	22.00	22.00	21.00	20.00	22.00
(9)	25.00	10.00	40.00	30.00	35.00	26.00	33.00
(10)	.15	.15	.06	.05	.15	.15	.07
(11)	.08	.12	.10	.12	.03	.15	.08
(12)	7.00	5.00	8.00	5.00	10.00	10.00	10.00
(13)	2.50	2.35	2.90	3.50	3.00	2.60	2.85
(14)	20.00	18.00	13.00	18.00	22.00	18.00	18.50
(15)	19.00	23.00	25.00	20.00	24.00	20.00	24.00
(16)	19.00	23.00	25.00	20.00	24.00	20.00	26.00
(17)	.08	.09	.05	.06	.06	.05	.05
(18)	12.50	10.00	10.00	10.00	14.00	10.00	11.00
(19)	12.50	10.00	10.00	10.00	14.00	10.00	10.00
(20)	12.00	18.00	21.00	20.00	21.00	20.00	22.00
(21)	3.00	3.00	2.00	3.50	2.75	2.50	2.10
(22)	.02	.03	.03	.04	.05	.05	.03
(23)	3.50	3.00	3.50	4.15	3.50	4.00	3.75
(24)	3.75	3.25	3.75	4.15	3.70	4.00	4.00
(25)	9.50	7.60	9.00	8.00	8.00	7.00	8.30
(26)	.13	.12	.14	.20	.16	.15	.14
(27)	.05	.06	.05	.05	.05	.07	.06
(28)	18.00	20.00	24.00	18.00	18.00	20.00	18.00
(29)	1.10	.86	.85	1.00	1.00	1.00	.90
(30)	3.10	2.40	2.40	2.40	2.50	2.25	2.32
(31)	3.20	3.20	3.00	2.25	3.00	2.75	3.00
(32)	3.75	3.10	3.00	3.00	3.60	3.00	3.20
(33)	6.50	4.70	4.50	5.00	5.00	4.10	4.15
(34)	7.50	5.75	6.00	6.50	6.25	5.00	5.60
(35)	16.00	16.00	14.00	22.00	15.00	11.00	11.80
(36)	13.00	12.50	13.00	12.00	12.00	7.50	9.20
(37)	4.00	1.00	.90	2.00	1.50	1.00	1.00
(38)	4.00	1.00	.60	1.00	1.00	1.00	1.00
(39)	2.00	1.00	.90	1.00	1.50	1.00	1.10
(40)	2.00	2.00	1.00	1.00	1.50	2.00	1.25
(41)	2.10	2.00	1.50	3.00	3.00	2.00	2.00
(42)	2.10	2.00	1.50	3.00	2.00	2.00	1.50
(43)	550.00	600.00	450.00	750.00	450.00	500.00	500.00
(44)	450.00	400.00	150.00	300.00	450.00	400.00	300.00
(45)	18.00	20.00	15.00	35.00	20.00	15.00	14.00
(46)	.06	.09	.15	.20	.16	.12	.10
(47)	1.50	4.00	3.00	2.00	2.00	2.00	1.50
(48)	200.00	200.00	50.00	700.00	500.00	400.00	800.00

contract by L. V. Murrow, Director of Highways, Olympia, for grading and constructing a bituminous surface treatment Plant Mix type and non-skid seal treatment on about 0.6 mi. of State Road No. 1, Toutle River bridge approaches.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 2, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for 0.1 mile paving with asphalt concrete on Los Feliz Road in the City of Glendale between San Fernando and Southern Pacific Railroad.

The work involves:

(1) 240 cu. yds. roadway excavation, unclass.;
(2) 210 cu. yds. structure excav.;
(3) 850 sq. yds. subgrade preparation;
(4) 875 tons asphalt concrete in place (base and leveling course);
(5) 525 tons asphalt concrete in place (Type B surface course);
(6) 70 lbs. bar reinforcing steel in place (structures);
(7) 1 cu. yd. Class A Portland cement concrete in place (structures);
(8) 14 lin. ft. 12-in. CMP (14 gauge) complete in place;
(9) 14 lin. ft. 15-in. CMP (14 gauge) complete in place;
(10) 180 lin. ft. 6-in. vitrified clay pipe sewers in place (house connections);
(11) 168 cu. yds. Class A Portland cement concrete in place (curb, gutters, sidewalks and driveways);
(12) 190 lin. ft. curb armor in place;
(13) 4900 sq. yds. asph. paint binder in place;
(14) 50 pounds miscellaneous iron and steel in place;
(15) 2 manholes adjusted to grade;
(16) 205 cu. yds. existing Portland cement concrete removed and disposed of.

Plans and specifications obtainable from the above office.

TOTAL BIDS

OAKLAND, Alameda County.—Union Paving Co., 624 Call Bldg., San Francisco, at $66,712.80 on Proposal "B" (asphalt concrete paving) submitted low bid to the Oakland City Council November 21, for the repave of Foothill Blvd. between 14th and 23rd Avenues. N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $69,260.1 submitted low bid on Proposal "A" (Portland cement concrete paving).

Total bids on each proposal follow:

PROPOSAL "A"

N. M. Ball Sons Co., Berkeley ..... $69,260.
Heafey-Moore Co., Oakland.. 77,176

PROPOSAL "B"

Union Paving Co., San Francisco $66,712
Heafey-Moore Co., Oakland.. 72,305
Ransome Co., Emeryville..... 80,769
Independent Constr. Co., Oakland 82,070

Complete unit bids published November 22.

Bids referred to the PWA.

TOTAL BIDS

OAKLAND, Alameda County.—L. J. Oakland City Council, November 21. J. Immel, 1031 Evelyn St., Berkeley, at $13,560.86 submitted low bid to the Oakland City Council, November 21, for the repair of Adeline St. between Aileen St. and Stanford Avenue.

The total bids were:

Lee J. Immel, Berkeley..... $13,560
W. H. Larson, Berkeley..... 14,333
Ransome Co., Emeryville..... 14,658
Heafey-Moore Co. 15,252

Complete unit bids published November 22.

Bids referred to the PWA.

DS WANTED

ELKO COUNTY, Nevada—Until December 4, 2 P. M., bids will be receiv- by the Nevada State Highway Di- ctors, Robert A. Allen, State High- ay Engineer, Heroes Memorial Bldg. rson City, for the construction of portion of the State Highway Sys- m in Elko County, route 13, Sec- n 123, between 26 miles south of ells and Wells, a length of approxi- ately 26.07 miles.

The work involves:
) 36 acres clearing and grubbing;
) 7747 lin. ft. remove fence;
) 74 lin. ft. remove culvert pipe;
) 110,060 cu. yds. roadway excav.;
) 66,168 yd. mi. overhaul;
) 126,505 cu. yds. select borrow;
) 23,741 cu. yds. imported borrow;
) 1552 cu. yds. structure excav.;
) 26.07 miles subgrade;
) 26.07 miles finish roadway;
) 101,360 tons crushed gravel or stone surface;
) 59 cu. yds. Class A concrete;
) 200 cu. yds. Class B concrete;
) 10,536 lbs. reinforcing steel;
) 13,454 lbs. structural steel;
) 0.37 M. ft. B.M. untreated Douglas fir;
) 11.00 MFBM redwood;
) 4478 lin. ft. 18-inch corrugated metal pipe (dipped);
) 1284 lin. ft. 24-in. do;
) 152 lin. ft. 30-in. do;
) 190 lin. ft. 36-in. do;
) 114 each monuments;
) 31,444 lin. ft. construct fence;
) 7747 lin. ft. reconst. fence;
) 4142 M. gal. water.

lans and specifications obtainable m the above office upon deposit of of which amount $2.50 will be urnable; and on file at the office of Bureau of Public Roads, 807 Shel- a Bldg., 461 Market St., San Fran- co.

DS WANTED

MINERAL AND LYON COUNTIES. vada—Until December 4, 2:30 P. M. s will be received by the Nevada te Highway Directors, Robert A. en, State Highway Engineer, roes Memorial Bldg., Carson City, the construction of a portion of State Highway System in Mineral d Lyon Counties, Route 3, Sections and A3, between Schurz and 9½ es east of Yerington, a length of proximately 14.73 miles.

The work involves:
) 308 lin. ft. remove culvert pipe;
) 6 each remove culvert headwalls;
) 36,110 cu. yds. roadway excav.;
) 41,130 yd. sta. overhaul;
) 14,957 cu. yds. select borrow;
) 11,816 cu. yds. imported borrow;
) 347 cu. yds. structure excav.;
) 14.73 mile suograde;
) 14.73 mile finish roadway;
)56,350 ton crushed gravel or stone surface;
) 26 cu. yds. Class A concrete;
) 6 cu. yds. Class B concrete;
) 2794 lbs. reinforcing steel;
) 172 lin. ft. 18-in. corr. metal pipe (dipped);
) 108 lin. ft. 24-in. do;
) 24 lin. ft. 36-in. do;
) 99 lin. ft. 24-in. vitrified pipe;
) 232 lin. ft. relay culvert pipe;
) 43 each move pipe culvert headwalls;
) 137 each mounments;
) 107 lin. ft. tunnel.

lans and specifications obtainable n the above office upon deposit $5, of which amount $2.50 will be rnable; and on file at the office the Bureau of Public Roads, 807 ldon Bldg., 461 Market St., San ncisco.

DS WANTED

AVAJO COUNTY, Arizona.—Until . 10, 2:30 p. m., bids will be re- ed by the Arizona State Highway Commission, Phoenix, for highway construction on the Globe-Springerville Highway, F.A.-105-D. A.F.E. 6059.

The work, which is to begin about 3.8 miles northeast of the Gila-Navajo County line and is to extend northeasterly about 3.2 miles, consists of grading and draining, and is to be completed on or before December 31, 1936.

The principal items and approximate quantities are:
137,500 cu. yds. roadway excav.;
13,700 cu. yds. slides and overbreakage;
1,500 cu. yds. struct. excavation;
150,400 sta. yds. earthwork overhaul;
22,300 cu. yds. imported borrow;
5,800 cu. yd. mi. imported borrow haul;
502 cu. yds. class "A" concrete;
55,100 lbs. reinforcing steel;
98 cu.yds. cement rubble masonry;
1,212 lin. ft. C.M. pipe (3 sizes);
6,330 lin. ft. road guard;
31,700 lin. ft. line fence;
1,900 cu. yds. hand laid rock embankment;

ALTERNATE ITEMS

1,200 cu.yds. struct. excav.;
52 cu. yds. class "A" concrete;
180 lin ft. 165-in. multiplate pipe;
5,400 lbs. reinforcing steel;
400 cu. yds. cement rubble masonry.

Plans may be obtained from the office of the State Highway Engineer T. S. O'Connnell. Certified or cashier's check 5%. Funds in the sum of $260,000 have been programmed for this construction.

CONTRACT AWARDED

PEND OREILLE COUNTY, Wash. —John Tobin, E. 2018 Boune Street, Spokane, at $3918 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, November 19, for grading on about 1 mile of county road, Sacheen Lake vicinity.

Triangle Constr. Co., Spokane, at $9309 submitted second low bid; and N. A. Degerstrom, Spokane, at $9851 submitted third low bid.

RIVERSIDE COUNTY—Overhead Crossing—(State)

RIVERSIDE COUNTY, Cal.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at $51,838, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, November 21, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad in Riverside County near Beaumont, consisting of one 70-foot steel plate girder span and four 48-ft. steel spans on concrete piers with timber pile foundations.

The work involves:
(1) 700 c.y. struc. excav.;
(2) 1050 c.y. Class A Portland cement concrete;
(3) 130,000 lbs. bar reinf. steel;
(4) 275,000 lbs. struc. steel;
(5) 3200 lbs. cast steel;
(6) 4 MFBM redwoo dtimber, dense select, all heart, struc. grade;
(7) 4430 l.f. furnishing treated Douglas fir piles, inc. test piles;
(8) 220 each driving do;
(9) 1 lot misc. items of work.

Total bids follow:
(A) Byerts & Dunn, L. A. $51,838.00
(B) R. R. Bishop, Long B'ch 51,909.00
(C) T. A. Allen Co., L. A..... 52,309.00
(D) Lindgren & Swinerton, Los Angeles 53,205.00
(E) Lynch-Cannon Co., L. A. 53,997.00
(F) Oscar Oberg, L. A..... 59,237.50
(G) Shannahan Bros., L. A... 59,400.00
(H) John Strona, Pomona (bid irregular, check insufficient) 45,675.10

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.60	$ 2.00	$ 1.40	$ 2.00	$ 2.00	$ 2.00	$ 2.50	$ .75
(2)	18.00	21.00	17.60	21.00	22.75	23.00	24.00	15.00
(3)	.05	.042	.045	.043	.045	.05	.05	.042
(4)	.06	.065	.0755	.062	.0625	.07	.0686	.066
(5)	.30	.26	.20	.30	.20	.18	.18	.14
(6)	200.00	100.00	200.00	160.00	125.00	170.00	135.00	65.00
(7)	.60	.40	.55	.50	.40	.55	.44	.47
(8)	15.00	6.00	10.00	13.00	8.00	16.00	16.00	10.00
(9)	1100.00	800.00	160.00	1000.00	1000.00	725.00	500.00	800.00

SAN FRANCISCO — PINE LAKE MAINS — (CITY)

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., San Francisco, at $2,054 13 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. W. D. 99, for the laying of 6- and 8-in. cast iron mains in the Pine Lake Park Subdivision.

The work involves:
(1) 3,350 l.f. excavation and backfill trench, 17x36-in.;
(2) 100 c.y. additional excavation and backfill;
(3) 20 sq. ft. additional pavement removal and replacement;
(4) installation of pipe:
(a) 1,450 l.f. 6-inch bell and spigot cast iron pipe;
(b) 1,900 l.f. 8-in. do;
(5) 4,000 lbs. installation of fittings, etc.;
(6) 500 l.f. making joints, bell and spigot;
(7) 200 sq. ft. repavement;
(8) lump sum, pipe and service connections.

Total bids follow:
(A) E. J. Treacy... $2,054 13
(B) W. J. Tobin, Oakland 2,161.00
(C) M. J. Lynch..... 2,257.90
(D) Richmond Const. Co. . *2,289.50
(E) Lowrie Paving Co.... 2,582.00
(F) Herman Lawson . 2,713.50
(G) Pacific States Const. Co. 2,823.25
(H) S. F. Water Dept.. 2,913.00

All bidders of San Francisco unless otherwise noted.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .19	$ .20	$ .17	$ .23	$ .16	$ .26	$ .35	$ .35
(2)	.10	.10	1.00	.10	.50	1.00	.50	1.00
(3)	.35	.30	.32	.20	.50	.425	.30	.35
(4a)	.0578	.06	.08	.06	.08	.10	.075	.07
(4b)	.0578	.07	.09	.08	.10	.11	.09	.08
(5)	.02	.02	.02	.02	.02	.03	.02	.02
(6)	.25	.25	.35	.26	1.00	.43	.35	.50
(7)	.01	.25	.20	.23	.50	.225	.30	.25
(8)	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00

*Bidder's check not certified.

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Louis Tagnon, 1735 Napa St., Vallejo, at $2,408.60 awarded contract by the Vallejo City Council for the improvement of Packard Alley from Transport St. to Santa Clara St.

BIDS OPENED

OAKLAND, Calif.—Bids for the repair of Adeline Street between Aileen Street and Stanford Avenue were opened by the Oakland City Council November 21.

Bids were taken as follows:
(1) 81,758 sq. ft. grading, including 4-in. rock subbase;
(2) 73 l.f. concrete curb;
(3) 6,779 sq. ft.: concrete gutter;
(4) 74,920 sq. ft. penetration macadam pavement;
(5) 2 storm water inlets, 24-in. opening;
(6) 4 cast iron inlet tops, 24-in. opening.

The bidders were:
(A) Ransome Co., 4050 Hollis Street, Emeryville.
(B) Heafey-Moore Co., 344 High St., Oakland.
(C) W. H. Larson, 432 Michigan Ave., Berkeley.
(D) Lee J. Immel, 1031 Evelyn St., Berkeley.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ .048	$ .05	$ .05	$ .05
(2)	.46	.45	.60	1.00
(3)	.24	.27	.23	.24
(4)	.116	.12	.11	.10
(5)	61.00	75.00	80.00	60.00
(6)	40.00	40.00	60.00	40.00

All bids referred to the City Manager, City Engineer Walter Frickstad, and the PWA.

The PWA has allotted a grant of 45% of the total estimated cost.

BIDS OPENED

OAKLAND, Calif.—Bids for the repair of Foothill Blvd. bet. 14th and 23rd Aves. were opened by the Oakland City Council, November 21.

Bids were taken as follows:

PROPOSAL "A"

(1) 251,740 sq. ft. grading, including construction of rock subbase;
(2) 6,946 l.f. concrete curb;
(3) 693 sq. ft. concrete gutter;
(4) 211,427 sq. ft. Portland cement concrete pavement;
(5) 26,952 sq. ft. penetration macadam pavement;
(6) 32 tons asphaltic resurfacing;
(7) 2,720 sq. ft. cement sidewalks;
(8) 1,377 sq. ft. concrete driveways;
(9) 190 l.f. 8-in. vitrified pipe sewer;
(10) 232 l.f. 10-in. do;
(11) 177 l.f. 10-in. do;
(12) 435 l.f. 12-in. do;
(13) 54 l.f. 12-in. vit. conduit with concrete jacket;
(14) 784 l.f. 15-in. vitrified pipe conduit;
(15) 626 l.f. 18-in. do;
(16) 12 manholes;
(17) 1 water seal manhole;
(18) 2 lamp holes;
(19) 11 wye branches;
(20) 8 storm inlets, Type B;
(21) 5 catchbasins, Type B;
(22) 2 catchbasins with 21-in. opening.

PROPOSAL "B"

(1) 251,740 sq. ft. grading, including construction of rock subbase;
(2) 6,946 l.f. concrete curb;
(3) 209 sq. ft. concrete guter;
(4) 52,237 sq. ft. Portland cem. conc. pavement;
(5) 159,924 sq. ft. asphaltic concrete pavement, Type A, 7¼-in. thick
(6) 26,602 sq. ft. do, Type B, 4-inches thick;
(7) 32 tons asphaltic resurfacing;
(8) 2,720 sq. ft. cement sidewalks;
(9) 1,377 sq. ft. concrete driveways;
(10) 190 l.f. 8-in. vitrified pipe sewer;
(11) 232 l.f. 10-in. do;
(12) 177 l.f. 10-in. do;
(13) 435 l.f. 12-in. do;
(14) 54 l.f. 12-in. vitrified conduit with concrete jacket;
(15) 784 l.f. 15-in. vit. pipe conduit;
(16) 626 l.f. 18-in. do;
(17) 12 manholes;
(18) 1 water seal manhole;
(19) 2 lamp holes;
(20) 11 wye branches;
(21) 8 storm inlets, Type B;
(22) 5 catchbasins, Type B;
(23) 2 catchbasins with 21-in. opening.

The bidders were:
(A) N. M. Ball Sons Co., P. O. Box 404, Berkeley.
(B) Heafey-Moore Co., 344 High St. Oakland (bidding on both Proposal A and B).
(C) Union Paving Co., 624 Call Bldg. San Francisco.
(D) Independent Const. Co., 46th and Clement Sts., Oakland.
(E) Ransome Co., 4030 Hollis Street, Emeryville.

Unit bids follow:

PROPOSAL "A"

	(A)	(B)
(1)	$ .04	$ .064
(2)	.40	.45
(3)	.25	.24
(4)	.21	.215
(5)	.12	.18
(6)	6.00	4.25
(7)	.15	.14
(8)	.19	.24
(9)	1.00	.90
(10)	1.20	1.00
(11)	1.20	1.00
(12)	2.20	1.75
(13)	2.50	2.25
(14)	2.40	2.10
(15)	3.00	2.40
(16)	60.00	55.00
(17)	100.00	100.00
(18)	20.00	18.00
(19)	1.00	.50
(20)	100.00	85.00
(21)	80.00	85.00
(22)	70.00	50.00

	(B)	(C)	(D)	(E)
(1)	$ .073	$ .065	$ .09	$ .07
(2)	.45	.36	.55	.46
(3)	.24	.27	.25	.25
(4)	.21	.22	.23	.225
(5)	.177	.16	.19	.22
(6)	.15	.10	.16	.17
(7)	4.25	4.50	4.25	5.50
(8)	.14	.15	.16	.15
(9)	.24	.27	.25	.25
(10)	.90	1.10	1.00	1.10
(11)	1.00	1.25	1.20	1.20
(12)	1.00	1.25	1.20	1.20
(13)	1.75	1.50	2.00	1.20
(14)	2.25	2.50	2.60	2.60
(15)	2.10	2.00	2.55	2.70
(16)	2.40	2.50	3.00	3.00
(17)	55.00	75.00	65.00	60.00
(18)	100.00	75.00	125.00	90.00
(19)	18.00	17.00	20.00	15.00
(20)	.50	2.00	1.00	1.00
(21)	85.00	85.00	100.00	90.00
(22)	85.00	120.00	100.00	80.00
(23)	50.00	75.00	60.00	80.00

All bids referred to the City Manager, City Engineer Walter Frickstad and the PWA.

The PWA has allotted a grant of 45% of the total cost, which was estimated at $106,790.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $26,102 awarded contract by the State Highway Commission, Sacramento, for constructing about 0.4 mile of riprap slope protection in Sacramento County between Courtland and Freeport.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—Granfield-Farrar & Carlin, 67 Hoff Street, San Francisco, at $77,586.60 awarded contract by the State Highway Commission, Sacramento, for about 1.8 mi. grading and surfacing with bituminous treated screened river gravel, road-mix method, in Monterey County between 3 miles north of Big Sur and Molera's Ranch.

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Raisch, Burrell Bldg., San Jose, at $34,759.55 awarded contract by the San Jose City Council for paving and resurfacing 13th Street between Santa Clara St. and Rosa St.

NOTICE TO BIDDERS

November 23, 1935

STATE OF CALIFORNIA: C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway Work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheets will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised.

Bids opening in Sacramento, December 3, 2 p. m.:

	Plans No. of Sheets	Plans Cost	Cross-sections No. of Sheets	Cross-sections Cost	Total
II-Plu-21-G	16	$1.60	88	$ 8.80	$10.40
II-Sha-28-A	20	2.00	112	11.20	13.20
IV-SCl-Feeder P.A.	17	1.70	12	1.20	2.90
V-S. B-Feeder	7	0.70	4	0.40	1.10
VI-Ker-Feeder	3		no charge		
VI-Kin-Feeder	14	1.40	none		1.40
IX-Iny-76-A	8	0.80	54	5.40	6.20

Bids opening in Sacramento, December 4, 2 p. m.:

III-Sac-3-Sac	8	0.80	none		0.80
IV-Ala-Feeder	9	0.90	5	0.50	1.40
V-S. B-80-A	16	1.60	156	15.60	17.20
V-SLO-125-D	18	1.80	168	16.80	18.60
VI-Fre-4-B	18	1.80	none		1.80
VI-Ker-129-B, C	14	1.40	77	7.70	9.10

Bids opening in Los Angeles, December 5, 2 p. m.:

VII-L.A 167-A	20	2.00	8	0.80	2.80
VII-L.A-158-L.A	30	3.00	60	6.00	9.00

Bids opening in Los Angeles, December 6, 2 p. m.:

VII-L.A-Ora-Feeder	11	1.60	60	6.00	7.60
VIII-SBd-31-A	16	1.60	32	3.20	4.80
VIII-SBd-58-N	10	1.00	13	1.30	2.30
XI-S.D-Feeder	8	0.80	24	2.40	3.20

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for plans, specifications, and proposal forms to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

CONTRACT AWARDED

PIMA COUNTY, Arizona.—Borderland Constr. Co., P. O. Box 1004, Tucson, at $112,109.50, awarded contract Nov. 18 by the Arizona State Highway Commission, Phoenix, for highway construction on the Ajo-Tucson Highway, WPSO 110-C, R. F. E. 623.

The work, which is to begin about 15.9 miles west of the Tucson-San Xavier Mission Road junction and is to extend westerly about 8.7 miles, consists of grading and draining, and the furnishing ad placing of A.B.C. and SC-2 Plant Mix, and is to be completed on or before July 31, 1936.

Total bids follow:

(A) Borderland Const. Co., Tucson, $142,409.59;
(B) Ken Hodgman, Pasadena, $162,-948.08;
(C) N. G. Hill & Co., Phoenix, $165,-614.72;
(D) White & Miller, Tucson, $192,-458.23.

BIDS WANTED

MOHAVE COUNTY, Arizona.—Until December 17, 10 A. M., bids will be received by Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, for placing bituminous treated surfacing on Sections A, B, C, D and E of Federal Lands Highway Project No. 2, the Kingman-Boulder Dam Highway, Mohave County, a length of 25.277 mi.

The work involves:

Plant Mixed Surface Course Alternate
(1) 5,319 tons crushed gravel for shoulders;
(2) 40,879 tons bituminous treated crushed gravel;
(3) 861.5 M. gallons watering;

Road Mixed Surface Course Alternate
(4) 23,016 tons crushed gravel for shoulders and base course;
(5) 38,954 tons crushed gravel surface course;
(6) 1,947 tons applying Government-furnished asph. material binder;
(7) 25.277 miles mixing and rolling bituminous treated surfacing;
(8) 1,744 M. gallons watering;

Common to Either Alternate
(9) 1,012 tons supplemental crushed gravel;
(10) 2,226 tons screenings;
(11) 301 tons applying Government-furnished asph. material prime coat;
(12) 210 tons do for seal coat.

Plans and specifications obtainable at the office of the Bureau of Public Roads, 414 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.00.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until December 19, 2 P. M., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 2.2 miles grading and constructing a steel stringer bridge in Los Angeles County in San Gabriel Canyon between Camp Bonita and Follows Camp.

The work involves:

(1) 117 stations clearing and grubbing right of way;
(2) 171,500 c.y. rdwy. excav., unclass.
(3) 3,500 c.y. struc. excav.;
(4) 475,000 sta. yds. overhaul;
(5) 117 sta. finishing rdwy.;
(6) 71,000 lbs. bar reinf. steel;
(7) 390 c.y. Class A Portland cement concrete (box culverts);
(8) 75 c.y. rubble masonry;
(9) 200 l.f. 8-in. CMP;
(10) 240 l.f. 24-in. CMP;
(11) 240 l.f. 30-in. CMP;
(12) 220 l.f. 36-in. CMP;
(13) 100 l.f. 42-in. CMP;
(14) 9 each spillway assemblies;
(15) 240 c.y. Class A Portland cement concrete (bridge);
(16) 1,040 c.y. Class B do;
(17) 107,000 lbs. structural steel;
(18) 240 l.f. timber hand rail.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco and Los Angeles.

BIDS WANTED

YAVAPAI COUNTY, Arizona.—Until **December 6**, 2 p. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Prescott-Jerome Highway (F.A. 96-C; A.F.E. 7909). The work, which is to begin at the Prescott National Forest boundary, about 22 miles northeast of Prescott, and is to extend northeasterly for about 5½ miles, consists of grading and draining, and is to be completed on or before Aug. 31, 1936.

The principal items and approximate quantities are:

73,700 cu. yds. roadway excav.;
9,800 cu. yds. drainage excav.;
5,500 cu. yds. slides and overbreakage;
3,700 cu. yds. structural excav.;
18,600 sta. yds. earthwork overhaul;
3,300 cu. yd. mi. earthwork haul;
400 cu. yds. class A concrete;
27,500 lbs. reinf. steel;
3,138 lin. ft. C. M. pipe (various sizes)
735 lin. ft. resetting C. M. pipe (4 sizes);
4,576 lin. ft. 8-in. perforated C. M. pipe;
364 cu. yds. rock backfill;
434 cu. yds. cement rubble masonry;
2 each cattle guards;
166 each right of way markers;
373 each guide posts;
and other incidental items.

Plans and specifications may be obtained at the office of the State Highway Engineer, T. S. O'Connell. Certified or cashier's check, 5%. Funds in the amount of $135,500 have been programmed for this work.

CONTRACT AWARDED

LASSEN CO., Cal.—Harms Brothers, 5220 21st Ave., Sacramento, at $127,-322 awarded contract by State Highway Commission, Sacramento, for about 9.2 miles grading and applying bituminous seal coat in Lassen County between Long Valley Creek and 2.8 miles north of Route 21.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until December 18, 2 P. M., bids will be received by the State Highway Commission, Sacramento, for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios.

The work involves:

(1) 70 acres clearing and grubbing right-of-way;
(2) 325,000 cu. yds. roadway excavation unclass.;
(3) 480,000 sta. yds. overhaul;
(4) 2650 cu. yds. struc. excav.;
(5) 765 stations finishing roadway;
(6) 3000 lin. ft. round timber;
(7) 14 MFBM Redwood timber, select, all heart, structural grade;
(8) 2750 lin. ft. 12-in. CMP;
(9) 2050 lin. ft. 15-in. CMP;
(10) 780 lin. ft. 18-in. CMP;
(11) 980 lin. ft. 24-in. CMP;
(12) 310 lin. ft. 30-in. CMP;
(13) 600 lin. ft. 36-in. CMP;
(14) 3250 lin. ft. timber surface culverts.

Plans and specifications obtainable from the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Eureka.

BIDS WANTED

SAN FRANCISCO. Until Dec. 3, 10 A. M., bids will be received by Custodian, Marine Hospital, 11th Avenue and Lake Street, for repairing 573 sq. ft. of roadway at the Marine Hospital.

Specifications may be obtained from the above office.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—M. J. Lynch, Oakdale and Barnevald Ave., San Francisco, at $8,385 awarded contract by the Public Utilities Commission, City Hall, San Francisco, under Spec. No. W. D. 96, for the reconstruction of the Calaveras Intake Screens and Adits, at Calaveras Dam, Alameda County, about 10 miles south of the town of Sunol.

BIDS OPENED

BONNEVILLE, Oregon. — Pacific Construction Co., Route 8, Box 951, Seattle, at $40,730 submitted low bid to the U. S. Engineer Office, Second Portland District, Lieut. Col. C. F. Williams, District Engineer, Portland, November 19, under Bid No. 694-36-134 for furnishing, loading, hauling and placing loose and hand placed riprap on the slopes of the lower approach canal at Bonneville involving:

(1) 11,300 c.y. loose riprap;
(2) 7,500 sq. yds. hand placed riprap;
(3) 3,000 c.y. backfill.

Pacific Constr. Co., Seattle..$40,730
Orino, Birkemeier & Saremal, Bonneville 51,450
Columbia Constr. Co., Bonneville 55,550
Brent Sturgill Co., Inc., Portland 80,960
Engineer's Estimate 36,800

LOW BIDDERS

SALT RIVER PROJECT, Arizona—Allied Bridge & Constr. Co., Omaha, Nebraska, at $150,723 submitted the lowest of ten bids received by the U. S. Bureau of Reclamation, % of the Salt River Valley Water Users' Association, Phoenix, under Spec. No. 651, for the construction of a spillway for the Stewart Mountain Dam, Salt River Project, Arizona. The work is located on the Salt River about 25 miles northeast of Mesa.

New Mexico Constr. Co., at $153,597 submitted second low bid.

LOW BIDDER

CASPER, Wyo.—Morrison - Knudsen Co., Boise; Winston Bros. Co., Minneapolis, and the Utah Const. Co., Ogden, bidding jointly, at $2,819,460 submitted low bid to the Bureau of Reclamation, Casper, under Spec. No. 630 for the construction of the Seminoe Dam and Power Plant, Casper-Alcova Project, Wyo. The work is located on the Platte River about 37 miles northeast of Parco, Wyo.

Bids on this contract were previously opened July 22, at which time low bid was submitted by Winston Bros. Co., Minneapolis; Utah Const. Co., Ogden; Bechtel Co., San Francisco; Morrison-Kundsen Co., Boise, and Henry J. Kaiser Co., Oakland, jointly, at $2,-194,007.

Complete bids will be given shortly

31—PIPE LINES & WELLS

BIDS WANTED

GALT, Sacramento Co., Cal.—Until December 7, 8:15 P. M., bids will be received at the office of Frank D. Talbot, engineer, 804 Forum Bldg., Sacramento, for the construction of a water distribution system in Galt for the Galt Water District.

The work involves:

(1) 8344 lin. ft. 6-in. cast iron bell and spigot pipe;

(2) 18,000 lin. ft. 4-in. do;
(3) 8 4-in. fire hydrants;
(4) 13 4-in. fire hydrants;
(5) 15 6-in. gate valves;
(6) 28 4-in. gate valves;
(7) 43 pieces 4-in. pipe risers, 46-in. in length.
(8) 1 6x6x6-in. cross;
(9) 1 6x6x4-in. cross;
(10) 1 6x4x6-in. cross;
(11) 2 4x4x4-in. cross;
(12) 9 6x6x16-in. tees;
(13) 10 6x6x4-in. tees;
(14) 2 6x4x6-in. tees;
(15) 2 6x4x4-in. tees;
(16) 40 4x4x4-in. tees;
(17) 1 6x4-in. reducer;
(18) 2 6-in. standard 1/16 bends;
(19) 53 4-in. standard quarter bends;
(20) 3 4-in. standard 1/8 bends;
(21) 7 4-in. standard 1/16 bends;
(22) 4 4-in. standard cast iron plugs;
(23) 4,800 lbs. leadite;
(24) 250 lbs. hemp;
(25) 150 ¾-in. tap connections;
(26) 150 ¾-in. corporation cocks;
(27) 870 l. f. 1-¼-in. wrought steel galvanized pipe;
(28) 4,450 c.y. excavation and backfill;
(29) 42 cast iron valve boxes.

Plans and specifications obtainable at the office of Frank D. Talbot, upon deposit of $10, of which amount $5 will be returnable.

A 45% grant of the total estimated cost has been allotted by the PWA.

BIOS OPENED

SACRAMENTO, Calif. — Campbell Construction Co., 800 R St., Sacramento, at $36,929 submitted low bid to the Sacramento City Council for the reconstruction of the old pretreatment works.

Peninsula Paving Co., San Francisco, at $38,150, submitted the only other bid.

H. D. Dewell, 55 New Montgomery St., San Francisco, Structural Engineer.

The PWA has allotted a grant of 45% of the total cost which was estimated at $26,000.

CONTRACT AWARDED

SAN FRANCISCO. — W. J. Tobin, 3701 Balfour Avenue, Oakland, at $20,116.20 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 84, for the laying of 6- and 8-inch cast iron mains in the area from Willard St. to 18th Ave., and from Lincoln Way to Quintara St.

CONTRACT AWARDED

VISTA, San Diego Co., Cal.—Consolidated Steel Corp., 5701 E. Slauson Ave., Los Angeles, awarded contracts by the Vista Irrigation District, Vista, for constructing pipe lines in Project No. 1159 at $74,497.46, using welded steel and Matheson steel pipe, Proposals 1 and 3 combined; and Project No. 1319 at $55,724.03, using welded steel and Matheson steel pipe, Proposals 2 and 4 combinde.

CONTRACT AWARDED

SAN FRANCISCO. — W. J. Tobin, 3701 Balfour Avenue, Oakland, at $31,069.10 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 85, for laying 6- and 8-in. cast iron mains in the Hunter's Point District.

CONTRACTS AWARDED

TACOMA, Washington. — Contracts for furnishing gate valves for installation in connection with Green River gravity pipe line construction at 20th and J Streets, near Hood St. pumping station have been awarded by the Tacoma Board of Contracts and Awards, as follows:

Proposal 1: Kensselaer Valve Co., Arctic Bldg., Seattle, $328.12;
Proposal 2. Rensselaer Valve Co., $12,733;
Proposal 3 & 5, combined as Proposal 6: Chapman Valve Mfg. Co., Indian Orchard, Mass., $10,265;
Proposal 4: Pelton Water Wheel Co., San Francisco, $1,527.

CONTRACT AWARDED

SAN FRANCISCO. — M. J. Lynch, Oakdale and Barnevald Avenues, at $46,572.50 awarded contract by Public Utilities Commission, City Hall, under Spec. No. 91, for laying 12- and 16-in. cast iron feeder mains in San Francisco at various locations.

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS OPENED

SACRAMENTO, Calif. — Lord and Bishop, Native Sons Bldg., Sacramento, at $17,550 submitted low bid to the Sacramento City Council for the construction of extensions of the main sewer into the river.

George Pollock Co., Sacramento, at $17,711 submitted the only other bid.

A grant of 45% of the total estimated cost has been allotted by the PWA.

BIDS OPENED

SACRAMENTO, Calif. — Lord and Bishop, Native Sons Bldg., Sacramento, at $54,900 submitted low bid to the Sacramento City Council for the construction of storm sewers in 13th and G Streets.

Total bids follow:

(A) Lord & Bishop, Sacto.	$54,900
(B) J. R. Reeves, Sacramento	61,000
(C) A. & B. Const. Co. & Gogo & Rados, Los Angeles	62,050
(D) Union Paving Co., S. F.	63,250
(E) Robert B. McNair and H. Gould, Sacramento	64,000

ed cost has been allotted by the PWA.

BIDS WANTED

LARKSPUR, Marin County.—Until December 4, 8 p. m., bids will be received by the Larkspur City Council, Mary L. Courtright, City Clerk, for the construction of a storm sewer on Magnolia Ave., between Crane and Ward Streets.

Plans and specifications obtainable from the above office.

J. C. Oglesby, 530 B St., San Rafael, City Engineer.

COMPLETE BID LISTING

SANTA MARIA, Cal.—F. C. Stolte Co., San Simeon, Calif., at $26,700, as previously reported, submitted low bid to the Santa Maria City Council Nov. 20 for furnishing all labor, material, transportation and services for the construction of a sewage disposal plant located 2 miles west of the city limits of the City of Santa Maria, in accordance with plans and specifications prepared by the city engineer, York Peterson, and Harry N. Jenks, Berkeley, consulting engineer.

The project involves the construction of a sewage disposal plant utilizing the existing Imhoff tanks. It will be of the separate sludge digestion type. The work will involve the construction of the following:

Primary clarification system, including screen, pre-aeration equipment and sedimentation tank; reinforced concrete construction, 32x48 ft. by 10 ft. (average) depth.

Remodeling of present two Imhoff tanks to serve as a sludge digestion chamber; reinforced concrete construction.

Construction of sludge drying beds; sand and gravel with underdrainage system and redwood bulkhead.

Drilling of one 8-in. well, about 130 ft. in depth.

Pump to be installed in connection with above well.

The bid was based on all work, but omitting the sludge drying bed, and omitting digester gas heating equipment. The bids were taken as follows:

(1) All work complete;
(2) All work complete except sludge drying beds;
(3) All work complete, except sludge drying beds, digester gas heating equipment;
(4) All work complete except sludge drying beds, and water pressure system;
(5) Deduction for changes in digester system as per addendum to specifications.

F. C. Stolte Co.—(1) $28,500, (2) $26,900, (3) $25,800, (4) $25,100, (5) $200.

Hoagland Engr. & Constr. Co.—(1) $32,845, (2) $31,170, (3) $29,565, (4) $28,510, (5) $250.

BIDS OPENED

SONORA, Tuolumne County.—W. J. Tobin, 3701 Balfour Ave., Oakland, at $68,662.62 submitted low bid to the Sonora City Council, J. V. Wulff, City Clerk, for the construction of intercepting and outfall sewers and sewage treatment plant. Work includes removal of septic tanks on Sonora and Woods Creek and construction of a large central disposal plant about a mile down Sonora Creek.

Complete total bids follow:

W. J. Tobin, Oakland	$68,662.62
Robert B. McNair, Oakland	89,134.00
MacDonald & Kahn Co., Ltd., San Francisco	107,760.00

All bids referred to the PWA.

John S. Bates, 3134 Eton Ave., Berkeley, engineer.

The PWA has allotted a grant of 45% of the total cost which was estimated at $45,869.

CONTRACT AWARDED

SOUTH SAN FRANCISCO.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at $3,978.66 awarded contract by the South San Francisco City Council for the construction of a sanitary sewer outfall in the South Industrial Area, bounded by Tanforan Ave., the S. P. Railroad tracks, Hines and Kaufman Sts.

The other bids were:

H. E. Conner, Redwood City	$4,176.75
Eaton & Smith, S. F.	4,197.10
E. J. Treacy, S. F.	4,524.05
Chas. L. Harney, S. F.	5,053.00
W. J. Tobin, Oakland	5,869.99

BIDS OPENED

DOS PALOS, Merced Co., Cal.—P. L. Burr, 320 Market St., San Francisco, at $58,620 submitted low bid to the Dos Palos City Council for the construction of a municipal waterworks, providing for a supply from the San Joaquin and Kings River Canal Co., and constructing a filter and purification system with necessary distribution system.

Complete total bids follow:

P. L. Burr, San Francisco	$58,620.00
Oakland Sewer Const. Co.	62,588.00
W. J. Tobin, Oakland	62,955.90
Robt. B. McNair, Oakland	64,360.00
A. Soda & Son, Oakland	64,400.00
E. J. Treacy, San Francisco	68,823.00

John S. Bates, 3134 Eton Ave., Berkeley, engineer.

The PWA has allotted a grant of $28,000 and the city voted bonds in the amount of $38,000.

All bids referred to the PWA.

33— WATER WORKS

BIDS WANTED

PEARL HARBOR, T. H.—Until January 15, 11 a. m., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 7447, for alterations to pump and fuel oil pip-

ing system and new motor-driven fuel oil pump and piping at the Naval Fuel Depot, Pearl Harbor, T. H. The estimated cost is $50,000. Plans and specifications may be obtained on application to the Bureau or to the Commandant, Fourteenth Naval District, Navy Yard, Pearl Harbor, T. H., or to the Commandant, Twelfth Naval District, 100 Harrison St., San Francisco, Calif., upon deposit of $15.

BIDS WANTED

LONG BEACH, Los Angeles County, Calif.—Until **December 6**, bids will be received by Fred S. Porter, General Manager of the Water Department, 308 Municipal Utilities Building, 215 West Broadway, Long Beach, for furnishing all labor, material, transportation, and services for the construction of six steel water storage tanks to be located on Alamitos Hill, in accordance with plans and specifications which may be obtained from the above office. Total cost of tanks is estimated at $266,400, of which the PWA is contributing $78,900. The excavating for foundations is under separate contract. Certified or cashier's check or bid bond 10% must accompany each bid. These tanks, which were planned to cut down pumping costs and to reduce the fire hazard in central Long Beach, will have a capacity of 3,440,000 gallons each, or a total capacity of 20,640,000 gallons. Each tank will be 132 ft. in diameter, 420 ft. in circumference and 35 ft. high. The walls will be built up of steel plates varying from ¼-in. to ⅜-in. in thickness. Plans prepared under direction of Fred Porter, general manager and chief engineer of the Water Department, and Capt. Burt Harmon, hydraulic engineer.

BIDS WANTED

PALO ALTO, Santa Clara Co., Cal.—Until December 11, 4 P. M., bids will be received by the Board of Public Works, E. L. Beach, Clerk, City Hall, Palo Alto, for furnishing steel pipe for use in connection with construction of a gas distributing center.

Bids will be taken as follows:

WRAPPED PIPE

(1) 1315 ft. 8⅝- OD 7/32-in. wall seamless steel pipe;
(2) 1120 ft. 6-in. standard seamless steel pipe;
(3) 2580 ft. 6⅝- OD 5/16-in. wall seamless steel pipe;
(4) 6750 ft. 4½- OD 5/16-in. do;
(5) 750 ft. 3½- OD ¼-in. do.

BLACK PIPE

(1) 250 ft. 6⅝- OD 5/16-in. wall seamless steel pipe;
(2) 100 ft. 4½-in. OD 5/16-in. do;
(3) 100 ft. 3½- OD ¼-in. do.

Specifications obtainable from the office of the Department of Public Works upon deposit of $10.00.

A separate contract will be let for the moving of the existing plant on Middlefield road to a new location at the site of the present power plant on Embarcadero Road and Newell Road, and for installation, reassembling and laying pipe.

J. F. Byxbee, City Engineer.

The PWA has allotted a grant of 45% of the total cost which is estimated at $28,300.

BIDS REJECTED

SACRAMENTO COUNTY, Cal.—All bids received by the Division of Highways, C. H. Whitmore, District Engineer, Marysville, November 18, for the construction of a drainage system and furnishing and installing new pumping equipment in Sacramento County at Ben Ali undergrade crossing, about four miles north of Sacramento, have been rejected by the State Highway Commission, Sacramento. The work will be done by day labor.

L. C. Seidel, 4722 Market St., Oakland, at $13,935 submitted the low bid.

BIDS WANTED

GALT, Sacramento Co., Cal.—Until December 7, 8:15 P. M., bids will be received at the office of Frank P. Talbot, engineer, 804 Forum Bldg., Sacramento, for the construction of a steel water tower at Galt for the Galt Water District.

Specifications call for a 75,000-gal. water tank, hemispherical type, 21-ft. in diameter, elevated 100 ft. in the air.

Plans and specifications obtainable at Mr. Talbot's office upon deposit of $10, of which amount $5 will be returnable.

PWA has allotted a grant of 45% of the total estimated cost.

BIDS OPENED

SACRAMENTO, Calif.—Peter J. McHugh, 363 Valencia St., San Francisco, at $96,300 submitted low bid to the Sacramento City Council for the construction of new water mains.

Total bids follow:

(A) Peter J. McHugh, San Francisco ..... $ 96,300
(B) R. B. McNair & H. Gould, Sacramento 105,000
(C) M. R. Carpenter, Sacramento 106,306
(D) Union Paving Co., San Francisco 120,363

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer.

PWA has allotted a grant of 45% of the total cost which was estimated at $125,000.

BONDS VOTED

WATSONVILLE, Santa Cruz County.—A proposal to issue $50,000 in bonds to construct improvements and replacements for the municipal water system carried by a vote of 765 to 60 at a special election November 19. PWA has allotted $41,000 grant to project.

Work contemplated includes replacement of transmission lines between diversion dam on Corralitos creek and the filter plant; replacement of transmission line between Corralitos and Five Mile house; installation of high pressure line between Freedom reservoir and Lincoln Street; installation of high pressure main on Main street; replacement of distribution lines; installation of transmission line on East Corralitos road.

City Engineer Bert Kitchen has prepared plans for the work.

BIDS WANTED

TACOMA, Washington.—Until December 6, 9 a. m., bids will be received by the Board of Contracts & Awards, 307 City Hall, Tacoma, for improvements to the water system, consisting of replacement of 2,021 ft. of 46-in. wood stave with 52-in. steel or reinforced concrete pipe and replacement of 4,042 ft. of 54-in. wood stave pipe with 58-in. steel or reinforced concrete pipe, in the Green River Gravity Pipe Line.

Specifications obtainable from the above office.

W. A. Kunigk, City Water Superintendent.

LOW BIDDER

CORBETT, Oregon—D. P. Slater, Salem, at $50,526 with an alternate of $46,765 submitted low bid to the Corbett Water District, Portland, for the construction of water supply and distribution works in the district.

Improvements will consist of construction of a timber crib dam on Gordon Creek; furnishing and laying approximately the following amounts of steel or cast iron pipe: 3500 ft. 8-in., 34,800 ft. 6-in., 6000 ft. 5-in., 3500 ft. 4-in. and 18,000 lin. ft. 3-in.; a reinforced concrete reservoir; gate valves; air valves; pressure reducers, etc.

H. L. Gilbert, Couch Bldg., Portland, engineer of the district

FUNDS ASKED

CALAVERAS COUNTY, Cal.—The Calaveras Public Utility District has filed application with the PWA for a grant of $77,850 to be used for purchasing and reconstructing the old Mokelumne water system to provide domestic, irrigation and mining services.

Charles P. Snyder, San Andreas, is president of the District. 33

34 — PARKS AND PLAYGROUNDS

BIDS OPENED

SACRAMENTO, Calif.—Edward C. Bowers, as trustee for Wickwire Spencer Steel Co., 101 Townsend St., San Francisco, at $4,385 submitted low bid to the Sacramento City Council for the construction of filtration plant fencing.

Total bids follow:

(A) Edward C. Bowers, as trustee for Wickwire-Spencer Steel Co., S. F. $4,385.00
(B) Anchor Post Fence Co., S. F. 4,650.00
(C) Kamlan Fence Co., S. F. .. 5,000.00
(D) Standard Fence Co., S. F. 5,405.07
(E) Pacific Fence Constr. Co., L. A. 7,191.34
(F) West Coast Wire & Iron Works, S. F. 7,856.00

A grant of 45% of the total cost, which was estimated at $10,000, has been allotted by the PWA. 34

35— TUNNELS

LOW BIDDER

CASPER, Wyo.—W. E. Callahan Const. Co., Gunther and Shirley, 206 S Spring St., Los Angeles, at $794,948 submitted low bid to the Bureau of Reclamation, Casper, Wyoming, under Spec. No. 649, for the construction of Tunnels Nos. 3, 4, 5 and 6, Casper Canal, Casper-Alcova Project, Wyo.

Complete bids will be given shortly.

CONTRACT AWARDED

SAN MATEO COUNTY, Cal.—MacDonald & Kahn Co., Ltd., 200 Financial Center Bldg., San Francisco, at $59,995 awarded contract by the Public Utilities Commission, City Hall, San Francisco, under S. F. W. D. Spec. No. 90, for the construction of the Crystal Springs Outlet Tunnel No. 2.

The work is located at Crystal Springs Dam, about 4 miles southwesterly from the city of San Mateo, and adjacent to the Skyline Blvd., and involves construction of a 8 ft. by 10 ft. horseshoe-shaped concrete lined tunnel approximately 630 ft. long extending easterly from the base of an existing outlet shaft in the Crystal Springs Reservoir to an open portal.

IMPERIAL DAM AND DESILTING WORKS — (GOVT.)

ALL-AMERICAN CANAL, Imperial County, California. — Morrison - Knudsen Co., 1125 Title Guarantee Bldg., Los Angeles, Utah Const. Co., 1 Montgomery St., San Francisco, and Winston Bros. Co., 920 Title Guarantee Bldg., Los Angeles, bidding jointly, at $4,374,240.60, as previously reported, submitted low bid to the Bureau of Reclamation, Federal Bldg., Yuma, Arizona, under Spec. No. 644, for the construction of the Imperial Dam and Desilting Works, All-American Canal System, Boulder Canyon Project. The work is located on the Colorado River about 18 miles northwest of Yuma.

The dam proper will be of concrete construction, 2990 feet in length, with crest about 31 ft. above the foundation. The central portion, 1200 feet in length, will be an overflow weir, of hollow concrete construction.

Bids were taken as follows:

(1) Diversion and care of river during construction and unwatering foundations, lump sum;
(2) 10,000 cu. yds. excavation, stripping borrow pits;
(3) 57,800 cu. yds. excavation, rock, for channel for Gila Valley Canal headworks;
(4) 330,000 cu. yds. excavation, common, for dam;
(5) 2500 cu. yds. excavation, rock, for dam;
(6) 22,800 cu. yds. excavation and backfill for steel sheet piling set in concrete and below elevation 155 for concrete piers and face slabs;
(7) 4500 cu. yds. excav. for drainage trench under dam;
(8) 155,000 cu. yds. excav. for rock fills on inside slopes of sluiceway channel training dikes;
(9) 374,000 cu. yds. excav., common, for channels and basins of desilting works;
(10) 246,000 cu. yds. excav., rock, for channels and basins of desilting works;
(11) 12,300 cu. yds. excav., common, for trenches for cut-off walls sludge pipes, aid sheet-piling in desilting works;
(12) 1700 cu. yds. excav., rock, for trench for cut-off walls, sludge pipes, and sheet-piling in desilting works;
(13) 1850 cu. yds. excav., common, for trenches for clay multiple-duct conduits, footings for influent channels, and foundations for control houses and lighting standards;
(14) 350 cu. yds. excav., rock, for trenches for clay multiple-duct conduits, footings for influent channels, and foundations for control houses & lighting standards;
(15) 80,200 cu. yds. excav., common, for sludge outlet pipes, sludge pipe galleries, and above elevation 155 for pedestals for revolving scrapers;
(16) 13,500 cu. yds. excav., rock, for sludge outlet pipes, sludge pipe galleries, and above elevation 155 for pedestals for revolving scrapers;
(17) 18,500 cu. yds. excavation and backfill below elevation 155 for pedestals for revolving scrapers;
(18) 30,300 cu. yds. excav. for sludge pipe outlets in sluiceway channel;
(19) 11,700 cu. yds. excav., common, for cut-off trenches under embankments, and to trenches for rock fills on slopes of canal embankments;
(20) 1000 cu. yds. excav., rock, for cut-off trenches under embankment & toe trenches for rock fills on slopes of canal embankments;
(21) 13,000 cu. yds. excav., common, for roads;
(22) [illegible] cu. yds. excav., rock, for roads;
(23) [illegible] cu. yds. excav. in borrow pit for compacted embankment material and transportation to embankment;
(24) 69,300 cu. yds. excav. in pit-run sand and gravel borrow pit and transportation to work;
(25) 91,500 sq. yds. preparing earth foundations for concrete;
(26) 60,000 cu. yds. backfill;
(27) 19,000 cu. yds. puddling or tamping backfill;
(28) 350 cu. yds. gravel backfill in trenches for sheet-piling;
(29) 1,065,000 cu. yds. compacting embankments and fills;
(30) 181,700 sq. yds. dry-rock paving 18 inches thick;
(31) 850 sq. yds. dry-rock paving 18 inches thick;
(32) 21,400 cu. yds. riprap;
(33) 21,600 cu. yds. placed riprap;
(34) 4700 cu. yds. gravel fill in drainage trench under dam;
(35) 23,000 cu. yds. gravel ballast in dam;
(36) 430 cu. yds. gravel blanket under sluice-way apron;
(37) 47,300 cu. yds. rock fills on outside slopes of canal embaokment;
(38) 2000 cu. yds. gravel blankets on slopes of embankments;
(39) 1000 cu. yds. gravel surfacing on roads;
(40) 1710 M ft. b.m. fabricating and driving untreated timber sheet-piling;
(41) 950 M. ft. b.m. driving treated timber sheet-piling;
(42) 5,203,000 lbs. driving steel sheet-piling;
(43) 182,500 lbs. placing steel sheet-piling in concrete in trenches;
(44) 13,300 lin. ft. driving timber foundation piles;
(45) 113,400 lin. ft. driving concrete piles;
(46) 1600 lin. ft. drilling grout holes;
(47) 5000 lbs. installing grout pipe and fittings;
(48) 400 cu. ft. pressure grouting;
(49) 10,000 cu. yds. concrete in precast concrete piles;
(50) 65,200 cu. yds. concrete in dam;
(51) 22,600 cu. yds. concrete in upstream apron of dam, in apron downstream from Gila Valley Canal headworks and east on overflow portion of sluiceway structure, and in paving in downstream portion of All-American Canal headworks;
(52) 32,200 cu. yds. concrete in downstream apron of sluiceway and overflow weir;
(53) 300 cu. yds. concrete in paving on Arizona dike;
(54) 300 cu. yds. concreee in control houses;
(55) 31,700 cu. yds. concrete in desilting works;
(56) 300 sq. yds. placing bonded concrete floor finish and base;
(57) 18,225,000 lbs. placing reinforcement bars;
(58) 419,300 lbs. placing jet pipe in precast concrete piles;
(59) 740 piles, welding extensions to longitudinal reinforcement in concrete piles;
(60) 19,300 lin. ft. installing flexible point-seals;
(61) 125 lin. ft. constructing expansion joints in bridge deck of California abutment;
(62) 6600 lin. ft. installing metal water stops;
(63) 10,900 lin. ft. placing mastic filler at top of sheet-piling;
(64) 1430 lin. ft. laying 12-in. diameter clay pipe in drainage trench under dam;
(65) 870 lin. ft. constructing 4-inch diameter clay pipe drains under Gila Valley Canal headworks and Arizona abutment;
(66) 4650 lin. ft. installing timber crests on effluent weirs of desilting works;
(67) 1700 sq. ft. installing built-up asphalt-saturated-felt roofing complete with flashing;
(68) 750 sq. ft. installing built-up asphalt-saturated-felt roofing with corkboard insulation, complete with flashing;
(69) 295,000 lbs. erecting structural steel and metal work for service bridge;
(70) 84,000 lbs. erecting structural steel and metal work for maintenance bridge;
(71) 984,000 lbs. installing roller gates;
(72) 200,000 lbs. installing roller gate hoists;
(73) 1,046,200 lbs. installing radial gates;
(74) 123,500 lbs. installing radial gate hoists;
(75) 303,000 lbs. installing trash-rack guides and supports;
(76) 310,000 lbs. installing trash-rack sections and steel gratings;
(77) 200,000 lbs. installing metal handrails;
(78) 1,026,000 lbs. installing revolving scrapers;
(79) 1,028,000 lbs. installing revolving scraper drives;
(80) 353,000 lbs. installing metal linings for slots in effluent channels
(81) 1,400,000 lbs. installing metal pipe fittings and valves;
(82) 25,000 lbs. installing sluiceway step and dentated sill protection angles;
(83) 38,300 lbs. installing track rails;
(84) 12,500 lbs. installing traveling and gantry cranes;
(85) 1500 lbs. installing sump pumps and accessories;
(86) 900 sq ft. installing metal-sash windows;
(87) 230 sq. ft. installing metal rolling doors;
(88) 270 sq. ft. installing metal swinging doors;
(89) 17,000 lbs., installing miscellaneous metal work;
(90) 100 lbs. installing plumbing fixtures and appurtenant hardware;
(91) 23,500 lin. ft. installing electrical metal conduit, 1½-inch or less in diameter;
(92) 47,800 lin. ft. installing electrical metal conduit more than 1½ inch diameter;
(93) 7700 lin. ft. laying four-way clay multiple-duct conduit;
(94) 5800 lin. ft. laying six-way clay multiple-duct conduit;
(95) 10,000 lin. ft. laying parkway cable;
(96) 30,000 lbs. installing electrical conductors and ground wires;
(97) 12,000 lbs. installing auxiliary generator;
(98) 60,000 lbs. installing electrical apparatus.

Total bids follow:

A) Morrison-Knudsen Co., Los Angeles; Utah Const. Co., San Francisco, and Winston Bros. Co., Los Angeles, $4,374,240.60.
(B) W. E. Callahan Const. Co., Los Angeles, $4,526,961.30.
(C) J. F. Shea Co., Bonneville, Ore., and Mecca, Calif., $4,640,058.50.
(D) Frazier-Davis Const. Co., and G. L. Tarlton, St. Louis, $4,877,273.00.
(E) Walsh Const. Co. and Guy F. Atkinson, Los Angeles, $4,881,250.00.
(F) L. E. Dixon Co., Bent Bros., Inc., and Johnson, Inc., Los Angeles, $5,596,373.20.
(G) Henry J. Kaiser Co., Oakland, $6,370,164.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$100,000.00	$ 65,000.00	$100,000.00	$125,000.00	$100,000.00	$250,000.00	$100,000.00
(2)	.25	.24	.30	.16	.40	.20	25
(3)	2.00	1.00	1.25	1.75	1.00	1.60	1.50
(4)	.60	.35	.38	.50	1.00	.40	.60
(5)	3.60	6.00	4.00	15.00	10.00	5.20	5.00
(6)	.70	.71	2.00	1.00	1.50	2.10	3.00
(7)	.60	.60	.75	1.00	1.00	1.00	3.00
(8)	.40	.26	.60	.30	.65	.45	50
(9)	.45	.35	.40	.50	1.00	1.00	.75
(10)	1.10	.90	1.25	.50	1.00	1.30	1 35
(11)	.90	.72	1.00	1.00	1.50	.60	1.50
(12)	5.00	7.36	3.50	10.00	10.00	5.20	4.00
(13)	1.20	1.20	1.50	2.50	1.25	1.20	1.50
(14)	5.00	9.60	3.00	10.00	10.00	5.20	4.00
(15)	.35	.48	.80	1.00	.75	.75	.75
(16)	1.50	2.40	2.00	2.50	4.00	3.00	3.50
(17)	1.20	1.80	1.75	.90	1.50	1.75	3.00
(18)	.40	.52	2.40	1.00	2.00	.60	.60
(19)	.60	.30	.40	.50	.50	.50	.60
(20)	3.00	4.80	2.00	6.00	6.00	2.00	3.00
(21)	.50	.36	.40	.50	1.00	.50	.60
(22)	1.00	1.80	1.25	1.00	1.50	1.50	1.25
(23)	.37	.32	.32	.50	.30	.40	.50
(24)	.40	.37	.40	.30	.30	.35	.50
(25)	.20	.18	.50	.15	.25	.15	.25
(26)	.30	.62	.40	.10	.45	.50	.55
(27)	.42	.68	.30	.30	.35	.80	.25
(28)	1.00	2.40	1.00	1.00	1.50	1.20	1.40
(29)	.10	.084	.15	.04	.08	.10	.10
(30)	2.30	2.20	2.20	2.50	2.05	2.00	3.50
(31)	2.10	2.36	3.00	3.00	2.00	2.80	3.00
(32)	2.00	1.89	1.90	1.00	1.75	3.00	2.25
(33)	3.50	2.48	2.80	3.00	4.00	4.50	3.50
(34)	1.40	1.14	1.50	3.00	2.00	2.50	2.90
(35)	.45	.62	.60	1.50	.50	2.00	1.00
(36)	1.00	1.20	1.00	2.00	1.00	4.00	2.75
(37)	.70	.50	.60	1.00	1.25	2.50	1.40
(38)	.40	.48	.50	.25	.50	1.75	1.00
(39)	1.20	.60	.50	1.00	1.25	3.00	1.50
(40)	60.00	64.80	45.00	20.00	50.00	80.00	100.00
(41)	45.00	53.22	35.00	10.00	35.00	70.00	60.00
(42)	.012	.015	.015	.015	.02	.018	.025
(43)	.012	.025	.015	.015	.02	.01	.02
(44)	.40	.36	.50	.35	.50	.65	.40
(45)	1.15	.96	.75	.70	1.00	.75	.70
(46)	1.00	1.50	1.00	1.00	2.00	.60	1.00
(47)	.10	.12	.10	.25	.15	.05	.08
(48)	2.00	3.60	2.00	2.00	2.50	3.00	1.50
(49)	13.00	17.00	8.00	6.00	12.00	16.00	15.00
(50)	8.00	11.00	9.25	12.00	11.00	12.00	15.00
(51)	5.25	4.50	5.50	9.00	8.00	6.00	9.00
(52)	4.00	4.50	4.75	9.00	6.00	6.00	8.10
(53)	7.50	10.00	10.00	15.00	10.00	8.00	12.00
(54)	22.00	35.00	30.00	35.00	20.00	21.00	30.00
(55)	11.00	12.00	10.50	15.00	9.00	17.00	19.00
(56)	1.75	1.80	1.00	2.00	1.00	1.50	1.35
(57)	.014	.02	.02	.015	.01	.014	.02
(58)	.02	.036	.02	.005	.05	.014	.05
(59)	6.00	7.80	3.00	6.00	5.00	3.00	1.35
(60)	.35	.60	.70	1.00	.75	1.00	.70
(61)	1.20	.60	2.00	5.00	1.00	1.00	1.35
(62)	.35	.24	.40	.20	.60	.50	.50
(63)	.35	.36	1.25	.50	.75	1.25	.55
(64)	.50	1.20	.50	.50	.60	.40	.40
(65)	.50	1.20	.60	.50	1.25	.50	.30
(66)	.50	.36	1.00	1.00	.20	.25	.30
(67)	.30	.36	.25	.20	.10	.05	.40
(68)	.30	.30	.30	.20	.12	.10	.50
(69)	.015	.048	.025	.01	.015	.02	.015
(70)	.017	.048	.02	.01	.015	.02	.015
(71)	.023	.024	.04	.03	.015	.02	.0275
(72)	.025	.034	.02	.02	.015	.02	.0275
(73)	.023	.026	.03	.03	.015	.02	.0275
(74)	.023	.06	.03	.02	.02	.02	.0275
(75)	.023	.012	.03	.03	.015	.02	.015
(76)	.013	.024	.015	.01	.01	.015	.01
(77)	.07	.048	.08	.05	.04	.08	.09
(78)	.027	.025	.025	.015	.015	.02	.02
(79)	.027	.028	.022	.015	.01	.02	.02
(80)	.023	.036	.02	.02	.02	.03	.025
(81)	.035	.044	.045	.02	.02	.03	.04
(82)	.035	.024	.03	.03	.10	.02	.02
(83)	.015	.036	.07	.01	.03	.02	.02
(84)	.03	.15	.08	.01	.05	.025	.03
(85)	.12	.15	.50	.05	.20	.08	.07
(86)	.50	.60	1.00	.10	.25	.30	.55
(87)	.50	1.20	1.00	.30	.50	.60	.55
(88)	.50	1.20	1.00	.30	.50	.50	.55
(89)	.08	.12	.15	.06	.10	.05	.10
(90)	.60	3.60	1.00	1.00	.50	1.00	.30
(91)	.15	.25	.40	.20	.15	.15	.30
(92)	.20	.25	.50	.40	.20	.20	.40
(93)	.35	.25	.50	.20	.20	.20	.40
(94)	.45	.25	.60	.20	.25	.25	.55
(95)	.20	.20	.40	.10	.25	.10	.55
(96)	.08	.20	.40	.20	.25	.10	.20
(97)	.08	.05	.10	.10	.05	.07	.05
(98)	.08	.12	.15	.20	.10	.12	.05

Section 435½, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Public Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

347 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

SAN FRANCISCO PUBLIC LIBRARY

IN THIS ISSUE

$2,317,000 Additional North State PWA Jobs Approved

S. F. Permits Total $1,125,000 in Nov.

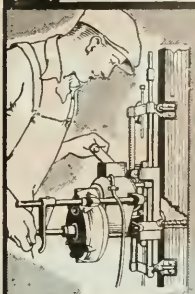
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ber 7, 1935

Vol. XVIII—No. 49

WAPPAT Electric TOOLS



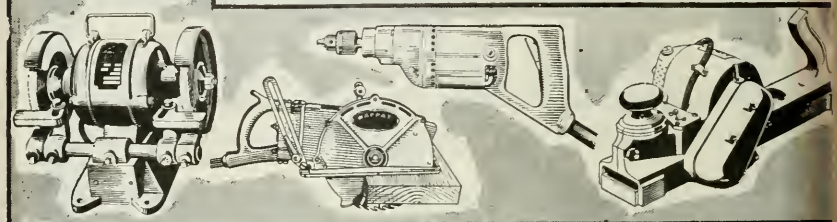
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
308 E. Third St., Los Angeles — MUtual 7508
TOOLS RENTED



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR
WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

l. XVIII SAN FRANCISCO, CALIF., DECEMBER 7, 1935 No. 49

AVILION BIDS TOTAL $884,000; EXCEED FUNDS

rett & Hilp General Figure And Segregations Low

ACRAMENTO. Dec. 3.—A com- ation of low bids on segregated tracts for constructing the first t of the San Mateo County Agri- ural District Livestock Pavilion elved by the State Division of hitecture today totals $884,133. low bid on the general contract ng that of Barrett & Hilp, San ncisco. MacDonald & Kahn Co., , San Francisco, offered the on- ld for the building complete at 6,639.

ecause figures exceeded consid- bly the funds available it is con- red probable that bids will be cted and the work readvertised. y of San Francisco, state and A funds are financing the work. he low bids on segregated con- cts were: **Barrett & Hilp**, gener- $648,000; **Alta Electric and Me- nical Co.**, mechanical, $26,821; **erican Electric Construction Co.**, ctric $29.952; **McClintic-Marshall p.**, structural steel, $154,700; **wood Wakefield Co.**, stadium ting, $24,660.

lds were called for today by the te Division of Architecture for ring foundation piling for the r state office buildings to be ted on N Street between Elev- h and Thirteenth streets. Pro- als will be opened December 24.

ESTINGHOUSE NAMES ATLAS CORPORATION

Vestinghouse Electric and Man- cturing Company announces ap- ntment of Atlas Electric and En- eering Corp., San Francisco, as Vestinghouse industrial agent. he Atlas corporation will han- installation of motors and con- s, switching equipment, panel rds, electrical heating and light- equipment and will supply re- al parts for all Westinghouse aratus.

tlas Electric and Engineering poration is located at 956 Fol- n street.

BIDS HIGH ON L. A. GRADING

LOS ANGELES, Dec. 5.—Only two bids were received by the State Division of Highways for grading a section of three and seven-tenths miles on Sepulveda Blvd., a Works Program project. Both were considerably over the $510,000 allotted the work in the state's program. The low bid was submitted by J. L. McClain, Los Angeles, at $555,-334. Oswald Bros., Los Angeles, bid $569,976.

John Strona, Chino, bid $146,-122 for constructing an undergrade crossing of the Santa Fe tracks at Hobart. Second low bid was that of Griffith Co., Los Angeles, $148,335.

Bids on four other WPH projects will be opened here Friday.

San Joaquin Towns Vote $102,000 For PWA Construction

Two San Joaquin towns approved bond issues this week aggregating $102,000 for contemplated municipal improvements which will be submitted to PWA for supplemental grants

Atwater citizens adopted a $50.-000 bond issue proposal to be used in constructing a municipal water system. City Engineer W. E. Bedesen has presented plans to PWA showing an estimated total cost of $78,182. The project calls for drilling two wells, constructing an elevated storage tank of 75,000-gallon capacity, installing eight miles of pipe and two pumps.

At Lindsay, Tulare county, a bond issue for $52,000 was approved. Together with anticipated P W A funds the city plans a new municipal building and a recreation park. Plans have been prepared by Architect F. L. Swartz, Fresno.

During the first ten months of 1935 orders for malleable castings totaled 362,260 net tons, as compared with 289,111 net tons in the corresponding period last year, according to the Bureau of the Census.

CITY BUILDING FOR NOVEMBER TOTALS $1,125,000

Municipal and State Awards Increase Month' Permits

San Francisco's building permits crossed the million-dollar mark in a single month for the fourth time this year during November. The monthly report of S. J. Rosenblum, head clerk of the Central Permit Bureau, to Director of Public W'ks William H. Worden shows a total of $1,125,628 for all classes of work. The figure has been exceeded only three previous months in the year to date.

Publicly-financed work accounted for about $450,000 of the total, contracts being awarded for municipal and state contracts in which PWA is participating.

Residential building did not equal the October total, the record month of the year for this class of work. However, permits for dwellings compared favorably with other months of the year. The total for frame construction was $384,248, compared with $445,645 in the previous month. There were 84 permits issued, comparing with 107.

Alteration work was reported about the same as in November a year ago, and moderately less than in October.

Comparison of permits issued for the months of November 1935 and 1934 follows:

Class	November, 1935 No. of P'mts	Est. Cost	Nov., 1934 No. of P'mts	Est. Cost
A	1	$ 35,000	3	$ 8,000
B	1	18,000	1	1,350
C	6	62,350	..	.....
Frames	84	384,248	30	115,735
Alter.	356	172,607	385	175,251
Public	2	282,423	.	.....
Harbor	3	171,000	..	.....
U. S. Govt.	..	.....	2	47,425
Total	453	$1,125,628	421	$347,761

SONOMA CONSOLIDATES COUNTY ROAD WORK

Sonoma County Board of Supervisors have consolidated all road districts and placed supervision of road work under County Engineer E. A. Peugh, effective December 1.

$2,317,000 WORK AUTHORIZED IN NORTHERN CALIF.

Sacramento School & Monterey Courthouse Money Granted

Loans and grants aggregating approximately $2,317,000 for nineteen northern California projects are included in the additional $6,244,830 allotted last week by the Federal Public Works Administration for work in California, according to information received by State Director A. D. Wilder.

Of the total California allotments approved, $4,259,138 is in the form of grants and $1,985,692 in loans. Northern California projects will receive grants amounting to $1,670,598 and loans totaling $646,417.

Largest grant approved was to the city of San Francisco for street and sidewalk construction to cost about $775,000, of which PWA will contribute $348,900. The money will be expended largely in construction of aiterial streets in the vicinity of the bay bridge approach, according to the program outlined by City Engineer John J. Casey.

Largest allotment for building work is to the Sacramento High School District for construction of a school building, bonds for which already have been voted. PWA approved a grant of $335,454 and a $410,000 loan. Preliminary plans for the project were prepared by Architects Stark & Flanders in anticipation of the allotment.

Monterey county is to receive a $202,500 grant toward construction of a courthouse to cost about $450,000. Bonds covering the city's share in the project were approved several weeks ago. Plans have been prepared by Architects Chas. Butner and Robert Stanton.

The Stockton Port Commission has been allotted a grant of $89,523 and a $109,417 loan to finance construction of six new warehouses. A $169,252 grant to the Oakland Port Commission for harbor improvements also was approved.

A grant of $85,514 to Nevada county for a hospital building will enable the start of construction on a project to cost au eventual total of about $250,000.

Turlock Irrigation District has been allotted a $78,750 grant for canal improvements. A grant of $56,454 toward construction of an administration building for Fresno City School District was approved.

Tehama county is to receive a $45,027 grant toward a hospital building. The city of Tulare is granted $38,565 to aid in financing construction of a city hall.

The city of Visalia is to receive two grants: $24,448 toward a hospital building and $16,746 for a library. The Visalia Union High School District is allotted a $19,899 grant for additions to school buildings.

The Nevada School District, which already has voted bonds for the project, will receive a loan of $55,000 and a grant of $45,000 for school buildings. Fallbrook Union High School District is allotted a $26,000 loan and $26,181 grant for a school building, for which $9,000 already is available, with bonds for the balance approved.

Two waterworks improvement projects are included in the list of new allotments. The city of Vallejo will receive a $30,156 grant and the city of Suisun is allotted a $21,000 loan and a $17,182 grant.

Also included in the new allotments is a $20,587 grant to San Luis Obispo High School District toward construction of a gymnasium. This project, however, will be handled through the Los Angeles PWA offices.

FOUR NEVADA GRANTS APPROVED

Four additional Nevada PWA projects were approved for loans and grants in the reallocation of funds authorized last week by Administrator Harold Ickes. Two allotments were rescinded and a previous loan and grant to the Boulder-Pioche power line was reduced to $600,571. Allocations for a bridge in Reno and waterworks in Mina were rescinded.

New projects approved were:

Carson City: Grant of $73,636 for state supreme court and library building.

Las Vegas: Loan of $91,000 and grant of $74,454 for a new school building.

Smith Valley: Loan of $5,500 and grant of $4500 for additional rooms and repairs to school.

Round Mountain: $7,000 loan and grant of $5727 for a new school building.

Modernization Loans At Record Volume In Nov. 16 Week

During the week ending November 16, financial institutions with contracts of insurance with the Federal Housing Administration reported 28,253 loans under the modernization credit plan, totaling $8,670,067. That brought the total loans reported since the start of the modernization program to 579,831, valued at $212,544,959.

This is the largest week's business since the inception of the modernization program in August, 1934. The previous record was established during the week ending September 14, 1935, when the total loans reported was 25,240, amounting to $8,381,623.

Financial institutions also reported 1,405 mortgages selected for appraisal under the long-term "Single Mortage System totaling $5,601,141 the week ending November 16. This brings the cumulative total since the start of the program last December to 57,514, amounting to $222,113,718.

LICENSE POLICY CHANGES MAPPED BY NEW BOARD

Contractors Asked To Advise On Reorganization Of State Bureau

Warren A. Bechtel, chairman of the State Contractors' License Board, yesterday issued an invitation to all organized contractor groups and individuals to submit suggestions for administration of the state license act. Committees have been appointed to investigate present operation of the licensing system and to report at an early meeting of the board, when a general administrative policy is to be considered.

Groups wishing to offer criticism or suggestions for future practice are requested by Mr. Bechtel to communicate with him or with committee chairmen. The committees will consider recommendations offered in writing or will arrange special hearings for those interested, if desired.

Board members determined at their organization meeting, two weeks ago, to familiarize themselves as rapidly as possible with all features of the existing administrative system and to investigate proposed changes. To this end three standing committees were appointed.

S. G. Johnson is chairman of a committee, including Hugh McNulty and William Nies, to investigate the procedure in handling complaint cases. Particularly this committee will study charges that the state inspectors have been used as "collection agents" and that a great deal of their time has been spent in obtaining satisfaction of claims by owners against contractors. This committee will report also on by laws for the board.

William Nies is chairman of the finance committee, the other members being Hugh McNulty and Ralph Homann. This committee will review all financial transactions of the Contactors' License Bureau and investigate its budget. It will present a report also on the adequacy of the present registration fee.

Ralph Homann is chairman of the personnel committee. Stephen L. Ford and Roy N. Butcher are other members. This committee will interview all applicants for the position of permanent registrar and that of chief reviewing officer and will investigate the present bureau personnel. Pending final appointment of a registrar the new board has asked William G. Bonelli, state director of professional and vocational standards, to continue in the position. It is expected that a successor to Mr. Bonelli will be named early next year.

New orders for steel boilers numbered 787 in October, as compared with 696 in October, 1934, and 39[illegible] in October, 1933, according to the Bureau of the Census.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

Owner	Contractor	Amt.
Bostonian	Woodcraft	1000
McCarthy	Aetna	3000
Kallo	Owner	2850
McCarthy	Aetna	3000
Isaac	Owner	4000
Spingola	Truffell	8000
Stoneson	Owner	3000
McGurrin	Malloch	2000
Romberg	Owner	3000
Marrin	Wilbe	3000
Shea	——	8500
Eustes	Walker	1000
Standard	Owner	3000
Brackett	Zinkand	5000
Miller	Lombardi	10000
Happy	Birdsall	14000
Wells	Fisher	4000
Suhr	Ruhlmann	1000
Brady	Michael	11000
Devencenzi	Murray	1000
Standard	Lindgren	1000
Rosemont	Jensen	3000
Meyer	Meyer	200000
Capital	Cook	2550
Fat	Owner	7000
Halsen	Owner	4000
Hale	Owner	1500
Christensen	Owner	8000
Anza	Rousseau	5000

TERATIONS
07) NO. 126 SUTTER ST. Alter restaurant.
ner—Bostonian Club. Prmises.
hitect—Grimes & Williams, 152 Post St., San Francisco.
tractor—Woodcraft Mfg. Co., 45 Hallam St. $1000

'ELLING
08) N SAN JUAN 50 W Alemany. One - story and basement frame dwelling.
ner—The McCarthy Co., 222 Kearny Street.
hitect—Not Given.
tractor—Aetna Const. Co., 238 Arleta. $3,000

'ELLING
09) SE MISSION 83 SW Florentine. One-story frame dwelling.
ner—M. K. Kallo, 5457 Mission St.
hitect—Not Given. $2,850

'ELLING
00) N SAN JUAN 75 W Alemany. One - story and basement frame dwelling.
ner—The McCarthy Co., 222 Kearny Street.
hitect—Not Given.
tractor—Aetna Const. Co., 238 Arleta. $3,000

'ELLING
01) SW 29th AVE. and Cabrillo. One - story and basement frame dwelling.
ner—H. H. Isaac, 517 Belvedere.
hitect—Not Given. $4,000

ATS
02) N GREENWICH ST. 105 W Divisadero St. Two-story & basement frame flats.
ner—A Spingola, 2655 Greenwich St., San Francisco.
hitect—Not Given.
tractor—J. Truffelli, 1165 Clay St., San Francisco. $8000

'ELLING
03) SE SENECA AVE AND Caiuga St. One-story and basement frame dwelling.
ner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
hitect—Not Given. $3000

ALTERATIONS
(1304) SE FOURTEENTH A N D Market St. Alter apartments.
Owner — E. McGurrin, 2360 Pacific Ave., San Francisco.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St., San Francisco. $2000

ALTERATIONS
(1305) NO. 433 POWELL STREET Chancellor Hotel. Alter hotel.
Owner—Edgar Romberg, Premises.
Plans by Wayne Hertzka, 369 Pine St., San Francisco.
Day's Work with Sub-Contracts. $3000

DWELLING
(1306) W FORTY-EIGHTH AVE. 300 N Riviera St. One-story and basement frame dwelling.
Owner—R. and A. V. Marrin, % Contractor.
Architect—C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—A. J. Wilbe, 2414 Great Highway, San Francisco. $3000

FLATS
(1307) E FIFTEENTH AVE. 33 S Santiago St. Three-story and basement frame flats.
Owner—Edgar G. Shea, 454 Elizabeth St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Not Selected. $8500

ALTERATIONS
(1308) NO. 2747 GREEN ST. Alter garage.
Owner—W. St. B. Eustis, Premises.
Architect—Not Given.
Contractor — P. J. Walker Co., 608 Sharon Bldg., S. F. $1000

STATION
(1309) SW FOURTH AVE A N D Geary St. One-story Class A greasing station.
Owner — Standard Stations Inc., 200 Bush St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1310) NE FOURTEENTH AVE. & Vicente St. Two-story and basement frame dwelling.
Owner—John and Nellie Brackett, % Contractor.
Architect—Harold Stoner, % Contractor.
Contractor — Ed. Zinkand & Son, 667 36th Ave., San Francisco. $5000

APARTMENTS
(1311) E COLLINGWOOD ST. 172 N 18th St. Two-story and basement frame apartments.
Owner—A. Miller, % Contractor.
Architect—Not Given.
Contractor — Ernest Lombardi, 1218 Hollister St. $10,000

DWELLINGS
(1312) 50-75-100-125 N Rievera on 29th Ave. Four one-story and basement frame dwellings.
Owner—Happy Home Bldg. Co., 105 Montgomery Street.
Architect—Not Given.
Contractor—S. K. Birdsall, 646 47th Avenue. $3500 each

ALTERATIONS
(1313) 187 SHIPLEY. Alter commercial building.
Owner—Wells Fargo Bank and Union Trust Co., Market St. at Montgomery.
Architect—Not Given.
Contractor—Alfred P. Fisher, 111 Sutter Street. $4,000

ALTERATIONS
(1314) 1465 VALENCIA Street After funeral home.
Owner—Suhr & Wieboldt, 1465 Valencia Street.
Architect—Not Given.
Contractor—H. E. Rahlmann Co., 251 Kearny St. $1,000

DWELLING
(1315) NW MONTEREY BLVD. and Santa Clara Ave. Two-story frame dwelling.
Owner—Edward Brady, 2582 Chestnut.
Architect—A. H. Jacobs, 110 Sutter.
Contractor—Michael & Bomerer, 762 De Haro. $11,000

ALTERATIONS
(1316) 552 BROADWAY. Alter store.
Owner—Mrs. Julia Devencenzi, 1739 Mason Street.
Architect—Not Given.
Contractor—A. B. Murray, 1055 Mission Street. $1,000

SUPPLY STATION
(1317) SE FOURTH AVE. and California St. One-story auto supply station.
Owner—Standard Oil Co., 225 Bush St.
Architect—Not Given.
Contractor—Lindgren and Swinerton, 225 Bush St. $1,000

DWELLING
(1318) E COLLINGWOOD 186 N 20th. One - story and basement frame dwelling.
Owner—M. Panagouleas, % contractor
Plans by B. K. Dobkowitz.
Contractor — Robert McCarthy, 3536 Church Street. $5,000

ALTERATIONS
(1319) 144 25th AVE. Alter dwelling.
Owner—Frank and Marie Sutton, 2757 Polk Street.
Architect—Oscar Thayer, 1120 Union.
Contractor—Work Not Let Yet. $1,000

DWELLING
(1320) N PORTOLA DRIVE 248 East Claremont. One-story and basement frame dwelling.
Owner—Ed Rosemont, 176 Duboce.
Architect—Martin A. Sheldon, 819 Monadnock Bldg.
Contractor—G. P. W. Jensen, 320 Market Street. $3,000

APARTMENTS
(1321) NE BROADWAY and Buchanan. Eight-story Class A apts.
Owner—Mrs. Lucille Meyer, 600 28th Avenue.
Architect—H. C. Baumann, 251 Kearny Street.
Engineer—James M. Smith, 251 Kearny Street.
Contractor—Meyer Const. Co. 735 Portola Drive. $200,000

ALTERATIONS
(1322) 519 CALIFORNIA St. Alter office.
Owner—Capital Co., 625 Market St.
Architect—Not Given.
Contractor—Ray Cook Marble Co., 1535 Powell Street. $2550

RESTAURANT
(1323) E PORTOLA DRIVE 189 S. High. One-story frame restaurant.
Owner—The Fat Boy Barbecue Cabins, Inc., 624 New Call Bldg.
Architect—Albert Larson, 2671 16th Avenue. $7,000

DWELLING
(1324) N ULLOA 62 W 14th Avenue. One - story and basement frame dwelling.

Owner—A. Halsen, 2427 25th Avenue.
Architect—Not Given. $40[illegible]

ALTERATIONS
(1325) 2766-68 GREEN ST. Alter flats.
Owner—Mrs. R. L Hale, 2020 California Street.
Architect—Not Given. $1500

DWELLINGS
(1326) W 21st AVE. 250 and 275 S Pacheco. Two one-story and basement frame dwellings.
Owner and Builder—Herman Christensen, 1422 27th Avenue.
Architect—Not Given. $4000 ea.

DWELLING
(1327) NW 23rd AVE. and Noriega. One - story and basement frame dwelling.
Owner—Anza Home Building Co., 321 Kearny Street.
Architect—Albert Larson, 2671 16th Avenue.
Contractor—Oliver M. Rousseau, 321 Kearny Street. $5000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
996	Breilh	Owner	2000
997	Anderson	Owner	3500
998	Sims	Sims	4750
999	Sigourney	Ferro	1300
1000	Pleitner	Watson	4200
1001	Wheatley	Beckett	16500
1002	Moss	Mullen	1000
1003	Nie	Tollefsen	5700
1004	Moen	Owner	2800
1005	Roberts	Owner	2358
1006	Associated	Lynn	3500
1007	Shank	Walstrom	2200
1008	Associated	Michel	4000
1009	Steffensen	Steffensen	5000
1010	Anderson	Owner	4500
1011	Cheek	Person	23291
1012	Bank	Campomenosi	7300
1013	Leonardini	Melrose	2000
1014	Pape	Rose	1700
1015	Lapham	Lapham	6000
1016	Tate	Owner	5500

ADDITION
(996) 425 FOOTHILL BLVD., OAKLAND. Brick addition.
Owner and Builder—J. Breilh, premises.
Architect—Not Given. $2,000

DWELLING
(997) 126 GLENWOOD GLADE, OAKLAND. One-story 5-room dwelling.
Owner and Builder—R. E. Anderson, 1009 9th Ave., Oakland.
Architect—Not Given. $3500

RESIDENCE
(998) NO. 1623 GRAND AVENUE, PIEDMONT. One-story six-room frame residence and garage.
Owner—Mrs. R. B. Sims, 1939 Courtland Ave., Oakland.
Architect—Not Given.
Contractor—Wm. H. Sims, 1939 Courtland Ave., Oakland. $4750

ALTERATIONS
(999) NO. 3270-76 GRAND AVE., OAKLAND. Alterations.
Owner—T. W. Sigourney, 729 Walker Ave., Oakland.
Architect—Not Given.
Contractor—Ferro Enameling Co., 1100 57th Ave., Oakland. $1300

DWELLING
(1000) NO. 3401 GUIDO STREET, OAKLAND. One-story 6 - room dwelling.
Owner — H. A. Pleitner, 4021 E-14th St., Oakland.
Architect—Not Given.
Contractor—W. Watson, 4750 Meldon Ave., Oakland $4200

ADDITION
(1001) 1148 E - EIGHTEENTH ST., OAKLAND. Two-story brick addition.
Owner—M. Wheatley, Premises.
Architect—W. E. Milwain, 1503 Oakland Ave., Piedmont.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont. $16,500

ALTERATIONS
(1002) NO. 1611 TELEGRAPH AVE., OAKLAND. Alterations.
Owner—Moss Stores, Inc., 833 Market St., San Francisco.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., S. F. $1000

DWELLING
(1003) NO. 4321 HAREBOARD DRIVE, OAKLAND. One-story eight-room dwelling.
Owner—C. H. Nie, 3924 Nevil Street, Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland. $5700

DWELLING
(1004) NO. 6120 MONADNOCK WAY, OAKLAND. One-story five-room dwelling.
Owner—G. L. Moen, 4201 E-16th St., Oakland.
Architect—Not Given. $3800

STORES
(1005) NO. 4317-21 HOPKINS ST., OAKLAND. One-story brick stores
Owner—Chas. E. Roberts, 4345 Hopkins St., Oakland.
Architect—Not Given. $2350

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
85	Mother's	Beckett	16771
86	Cheek	Person	24291
87	Struble	Simonds	3170
88	Frazer	Bernard	6080
89	Associated	Lynn	6838

BUILDING
(85) PTN LOT 110, map of Clinton, Oakland. Two-story brick building.
Owner—Mother's Cake & Cookie Co., 1148 E 18th St., Oakland.
Architect—Not Given.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.
Filed Nov. 27, '35. Dated, Nov. 27, '35.

Concrete form in	$2800
Brick work to 2nd floor	3800
Brick work finished	2800
Roof up	2009
Completion	2008
Usual 35 days	3354
TOTAL COST,	$16,771

Bond, $16,771. Sureties, American Surety Co. of New York. Forfeit, $20 per day. Limit, 45 days. Plans and Spec. filed.

RESIDENCE
(86) ROWLING DR., Claremont Pines, Oakland. Residence.
Owner—Herbert C. Cheek, 2512 Hillegass Ave., Berkeley.
Architect—Irving Stringham, 525 Market St., San Francisco.
Contractor—Emil Person, 829 San Luis Road, Berkeley.
Filed, Dec. 3, '35. Dated, Nov. 30, '35

Frame up	$6072.75
Brown coated	6072.75
Completion	6072.75
Usual 35 days	6072.75
TOTAL COST,	$24,291

Limit, 100 days. Plans and Specifications filed.

RESIDENCE
(87) 720-730 PINEDALE Court, Hayward. Residence.
Owner—Adelaide D. Struble, 804 Pinedale Court, Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Contractor—H. S. Shain, 54 Arlington Ave., Hayward.
Filed and Dated, Dec. 3, 1935.

Roof completed	$800.0
Plastering installed	800.0
Completion	770.0
Usual 35 days	800.0
TOTAL COST,	$3,170.0

Limit, 90 days. Plans and Specifications filed.

BLDG. & GARAGE
(88) LOT 12 BLK 4, Lakeshore Highlands, Oakland. Two-story frame building and garage.
Owner—Anna G. Fraser, 822 Alma Ave. Oakland.
Architect—W. R. Yelland, 829 Coventry Road, Berkeley.
Contractor—W. Vernon Bernard, 22 San Carlos Ave., El Cerrito.
Filed, Dec. 3, '35. Dated Nov. 19, '3.

Frame up	$152
Roof on	152
Completion	152
Usual 35 days	152
TOTAL COST,	$608

Bond, $6080. Sureties, Glens Falls Indemnity Co. Limit, 90 days. Plan and Spec. filed.

SERVICE STATION
(89) HEARST AVE. and Oxford St. Berkeley. Service station.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Willis F. Lyno.
Filed, Dec. 3, '35. Dated, Nov. 30, '35

1st of each month	75%
Usual 35 days	25%
TOTAL COST,	$6,828

Bond, $6,838. Sureties, Globe Indemnity Co. Limit, 40 days. Plans and Spec. filed.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
154	Shane	Wm Irom	2313
155	Gurley	Milton	6500

DWELLING
(154) LOT 5 BLK 8, Berkeley Hgts. Berkeley. All work for one-story frame dwelling.
Owner—Mary Lea Shane, 89 San Mateo St., Berkeley.
Architect—Gwynn Officer, 2088 Allston Way, Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland.
Filed Nov. 29, 3'5. Dated Nov. 27, '35.

Frame up	$578.25
1st coat plaster	578.25
When completed	578.25
Usual 35 days	578.25
TOTAL COST,	$2312.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

STATION
(155) SE TARAVAL ST. AND 23RD Ave. All work for service station.
Owner — John E. and Katherine E. Gurley, 350 Post St., San Francisco
Architect—R. C. Schuppert, % Engineer.
Engineer—B. B. Maynard & Co., 3708 Balfour St., Oakland.
Contractor—W. Byran Milton, 389 Haddon Road, Oakland.
Filed Dec. 2, '35. Dated Nov. 27, '35.

Driveways and foundation installed	25%
Brickwork in place	25%
Roof installed	25%
When passed final inspection by S F. Bureau of Building Inspection	Balance
TOTAL COST,	$6500

Bond, none. Limit, forfeit, none. Plans and specifications filed.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Offices

— APARTMENTS

o Be Done By Day's Work.
LTERATIONS Cost, $3000
AN FRANCISCO. No. 273 Green St.
lterations to apartments.
wner and Builder—Frank Biano, 273 Green St., San Francisco.
rchitect—Not Given.

ontract Awarded.
LTERATIONS
AN FRANCISCO. SE Fourteenth & Market Streets.
lterations to apartments.
wner—E. McGurrin, 2360 Pacific Ave., San Francisco.
rchitect—Not Given.
ontractor — J. S. Malloch, 666 Mission St., San Francisco. 1

ontract Awarded.
PARTMENTS Cost, $12,000
AN FRANCISCO. E Collingwood St. N 18th Street.
wo-story and basement frame and stucco apartments.
wner—A. Miller.
rchitect—Not Given.
ontractor — Ernest Lombardi, 1218 Hollister St., San Francisco.

— FACTORIES & WAREHOUSES

ontract Awarded
HEDS Cost, $20,000
AN JOSE, Santa Clara Co., Calif.
eel umbrella sheds (to cover train platforms at new station).
wner—Southern Pacific Co., 65 Market St., San Francisco.
lans by Engineering Dept. of Owner.
ontractor—Soule Steel Co. 1750 Army St., San Francisco.

ontract Awarded
DDITION Cont. Price, $16,771
AKLAND, Alameda Co., Calif. 1148 East 18th Street.
wo - story Class C brick addition to manufacturing plant (170x45-ft.)
wner—Mother's Cake & Cookie Co., 1148 E 18th St., Oakland.
rchitect—W. E. Milwain, 1503 Oakland Ave., Oakland.
ontractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

b-Contracts Awarded
RANS. BLDG. Cost, $21,048
AN FRANCISCO. N Ellis Street 51 E. Larkin.
ne - story and mezzanine floor Class B reinforced concrete and steel transportation building (steel sash, steel trusses, metal roof, office and toilet facilities, cement floors, etc.)
wner—The Gilboy Co., 545 Eddy St.
rchitect—Sidney A. Colton, 554 Market Street.
Contractor—D. L. Bienfield, 666 Mission Street.
Cement—Santa Cruz Portland Cement Co., Crocker Bldg.
Concrete—Louis Sartorio, 2627 Lombard Street.
Structural Steel—Western Iron Wks. 141 Beale Street.
Reinforcing Steel—W. C. Hauck & Co. 280 San Bruno Ave.
Sheet Metal—Robert Neilan, 39 Iris.
Plumbing—E. Sugarman, 3624 Geary.
Electric—Frank Goodman, 1466 33rd Avenue.
Plastering — Marconi Plastering Co., 1737 Beach St.
Tile—Art Tile & Mantel Co., 221 Oak.
Glass—W. P. Fuller & Co., 301 Mission Street.

Planned.
BREWERY Cost, $150,000
CHICO, Butte Co., Calif. South Highway.
New brewery plant.
Owner—Peter Marinoff, % Lester B. Osborn, Secretary, Chamber of Commerce, Chico.
Architect—Not Given.

5— FLATS

To Be Done By Day's Work.
FLATS AND STORES Cost, $8000
OAKLAND, Alameda Co., Cal. No. 1411 E-12th Street.
Two-story frame and stucco flats (2 5 room flats and stores).
Owner—Dreisbach Coal & Wood Co., 1411 E-12th St., Oakland.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. N Greenwich St. 105 W Divisadero St.
Two-story and basement frame and stucco flats.
Owner—A. Spingola, 2655 Greenwich St., San Francisco.
Architect—Not Given.
Contractor—J. Truffelli, 1165 Clay St., San Francisco.

6—GARAGES & SERVICE STATIONS

Contract Awarded
SERVICE STATION Cost, $10,000
SAN FRANCISCO. SE Post and Webster Streets.
One-story steel service station.
Owner—General Petroleum Corp., 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—F. C. Stolte, 3449 Laguna Ave., Oakland.

Contract Awarded
SERVICE STATION Cost, $5,000
SAN FRANCISCO. SW Columbus Avenue and Bay Street.
One-story steel service station.
Owner — General Petroleum Corp. of California, 519 19th St., Oakland.
Plans by Engineering Dept. of Owner.
Contractor—Fred J. Early, 369 Pine.

Contract Awarded
SERVICE STATION Cost, $7,000
PALO ALTO, Santa Clara Co., Calif.
Service station.
Owner—Sarah H. Dally, Los Angeles.
Architect—Not Given.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.

Contract Awarded
SERVICE STATION Cost, $10,000
BERKELEY, Alameda Co., Cal. 1900-1902 Oxford St.
One-story service station.
Owner — Associated Oil Co., 79 New Montgomery St San Francisco.
Contractor—Willis F. Lynn, 1037 Ashmount, Oakland, and Michel and Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
Plans by Engineering Dept. of Owner.

Plans Completed.
SERVICE STATION Cost, $1000
SAN FRANCISCO. SW Fourth Ave. and Geary Street.
One-story service station.
Owner — Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 2747 Green Street.
Alterations to garage.
Owner—W. St. B. Eustis, 2747 Green St., San Francisco.
Architect—Not Given.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Sub-Contracts Awarded.
GARAGE Cost, $7500
SALINAS, Monterey Co., Calif. Monterey Street near Alisal St.
One-story reinforced concrete garage and salesroom building.
Owner—Mrs. N. Muller.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
Contractor—John Grau, 238 Winham St., Salinas.
Plumbing — Anderson Dougherty & Hargins Co., Salinas.
Electric — Salinas Electric Co., Salinas.
Lumber—Tynan Lumber Co., Salinas.
Steel Sash and Reinforcing Steel—Granite Constr. Co., Watsonville.
Hardware — Salinas Hardware Co., Salinas.
Concrete—Granite Constr. Co., Watsonville.
Structural Steel—Hellwigs Iron Wks., San Jose.

CONTRACT AWARDED
MILLBRAE, San Mateo Co., Calif. —R. S. Silverberg, 405 Montgomery St., San Francisco, at $2,189 awarded contract by Public Utilities Commission, for construction of the Millbrae garage addition under Spec. W. D. 97. Addition will be a wood frame building, approximately 24x95 feet with concrete foundations, footings and floor slabs and galvanized corrugated sheathing on three sides and roof.

Contract Awarded.
STATION Cost, $1,500
SAN FRANCISCO, Calif. SE Fourth Ave. & California Street.
Auto supply station.
Owner—Standard Oil Co., 225 Bush Street.
Architect—Plans by Eng. Dept. of owner.
Contractor—Lindgren & Swinerton, 225 Bush Street.

7— FEDERAL BUILDINGS

CONTRACT AWARDED
NAPA, Cal.—B. H. Case, Norwood, Ohio, at $849 awarded contract by Treasury Department for repairs to driveway, waterproofing, etc., at the Napa Post Office.

CONTRACT AWARDED
SAN FRANCISCO—Thos. M. Jones, 813 29th Ave., at $897 awarded con-

tract by Treasury Department for bricking up window openings in basement of the old mint building, Fifth and Mission Sts., San Francisco.

CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Cal.—Newman Bros., 4th and Cutter Sts., Cincinnati, Ohio, at $189 awarded contract by Treasury Department for furnishing and erecting bulletin boards in the Beverly Hills Post Office. 7

CONTRACT AWARDED

BOULDER POWER PLANT—J. B. Martina Mosaic Co., 3412 W. Hayward Place, Denver, awarded contract by Bureau of Reclamation, at $51,717, for terrazzo work for the Boulder Dam and Power Plant. Specification No. 642.

BIDS OPENED

SAN FRANCISCO.—Braida Co., 3408 Woodland Park, Seattle, at $197 submitted low bid to Supervising Superintedent of Construction, Palo Alto, for repairing cracks in terrazzo floors in lobbies of Administration Building No. 1, Main Bldg. No. 2, and Recreation Bldg. No. 6, at the Veterans Administration Facility, Fort Miley, San Francisco.

Complete bids follow:

Braida Co., Seattle	$ 197
Henry Gervais Tile & Terrazzo Co., San Francisco	2,298
*P. Grassi, S. F.	2,350
*San Francisco Terrazzo Co.	2,365
*California Terrazzo Marble Co., San Francisco	2,379

*No certified checks with bids.

Bids held under advisement.

Late Low Bidder

POST OFFICE Cost, $——

NORTH HOLLYWOOD, Los Angeles County, Calif.

United States post office building.

Owner—United States Government.

Plans by Supervising Architect of the Treasury Dept., Washington, D.C.

Low Bidder—V. O. Burnzell and Alex Jacobson, 2150 Princeton Ave., Los Angeles, $72,729.

Other bids follow:

Theo. A. Beyer Corp., Los Angeles	$73,528
L. F. Dow Co., Los Angeles	74,000
Robert E. McKee	74,935
Schuler & McDonald, Oakland	76,400

Contract Awarded.

POST OFFICE Cont. Price, $53,320

HAYWARD, Alameda Co., Calif. C and Watkins Streets.

U. S. Post Office Bldg. (one-story and basement (51x62.5 feet; reinforced concrete with copper, bronze and wood trimmings, marble base, tile floors in work rooms; granite entrance stairway, flat asphalt roof, steam heating system, etc.

Owner—United States Government.

Architect—Bliss & Fairweather, Balboa Bldg., San Francisco.

Contractor—Leo Epp, 4745 Geary St., San Francisco.

Complete bids published Oct. 31.

Bids Wanted—To Close December 12, 2:00 P. M.

BOATHOUSE, ETC. Cost, $——

POINT ARGUELLA, near Albright, Santa Barbara Co.

Station dwelling and garage for coast guard station.

Owner—United States Government.

Plans by Construction Department of Coast Guard Headquarters, Washington, D. C.

Plans and specifications may be obtained from the Civil Engineer, Coast Guard, 219 Administration Building, Government Island, Oakland.

Bids Opened.

POST OFFICE Cost, $79,200

REDDING, Shasta Co., Calif. Oregon Street, bet. Placer and Yuba Sts.

United States Post Office.

Owner—United States Government.

Plans by Supervising Architect, Treasury Dept., Washington, D. C.

Low Bidder — Dinwiddie Construction Co., Crocker Bldg., San Francisco, $82,500.

Only other bid was submitted by William Spivock, San Francisco, at $83,800.

Bids held under advisement.

8— CLUB BUILDINGS

Completing Plans—Contract Awarded.

ALTERATIONS Cost, $45,000

OAKLAND, Alameda Co., Cal. Fourteenth and Franklin Streets.

Alterations to club.

Owner—Athenian Nile Club, Premises

Architect—Fred Reimers, 233 Post St. San Francisco.

Contractor—Fred Muller, 805 Syndicate Building, Oakland.

Contract Awarded.

LODGE BLDG., ETC.

Cont. Price, $44,448

DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.

Two-story reinforced concrete & steel lodge and store bldg. (cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; two lodge halls, banquet hall and offices on second floor with stores on the ground floor).

Owner—Crocker Lodge, F & A. M.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contractor—H. H. Larsen, 64 South Park, San Francisco.

Complete bids published Nov. 27.

Contract Awarded

CLUB Cost, $20,000

SAN FRANCISCO. Green and Stockton Streets.

One-story and mezzanine floor reinforced concrete club building(social room, ante room, bar room).

Owner — Union Sportiva Italian Virtua Club.

Architect—J. A. Porporato, 619 Washington Street.

Contractor—G. Truffelli, 1165 Clay St.

9— HOSPITALS

BIDS OPENED

SAN FRANCISCO.—Hanson Brothers, 5840 Mission St., at $99.50 submitted low bid to Custodian, Marine Hospital, San Francisco, for repairing rear steps on officers' quarters at the Marine Hospital, 14th Ave. and Lake Street.

Complete bids follow:

Hanson Brothers	$ 99.50
R. S. Silverberg	99.70
N. Hemminga	125.00
Carl Wengard	188.00

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO.—R. S. Silverberg 405 Montgomery St., at $418 submitted low bid to Custodian, U. S. Marine Hospital, for metal strips at doors of the Marine Hospital, 14th Avenue and Lake St. Complete bids follow:

R. S. Silverberg	$418
Carl Wengard	586
Rollaway Window Screen Co.	612
J. A. Cassi	787

Bids held under advisement.

Bids Opened.

HOSPITAL Cost, $90,000

ATWATER, Merced Co., Cal.

One-story frame and stucco hospital (55 beds).

Owner—City of Atwater.

Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.

Engineer—W. E. Bedesen, Merced.

Low Bidder—A. L. Swanson, P. O. 342 afle(o afiSt.m3lvloxB 341, Turlock.

Complete bids follow:

A. L. Swanson, Turlock	$50,9[illegible]
Frank J. Reilly, S. F.	52,8[illegible]
H. H. Henning, Stockton	52,8[illegible]
Midstate Constr. Co., Fresno	54,9[illegible]
C. D. Cameron & Son, Merced	58,6[illegible]
M. B. Folsom, Merced	59,1[illegible]

Bids referred to PWA for award.

Bids Wanted—Bids Close December, 11 A. M.

HOME Cost, $—

WEED PATCH, Kern Co., Calif.

Old Folk's Home.

Owner—County of Kern (F. E. Smith County Clerk) Bakersfield.

Architect—Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.

Plans and specifications may be obtained from the architect.

Glass Contract Awarded

ALTERATIONS Cost, $2,0[illegible]

SAN FRANCISCO. Clay and Webster Streets.

Alterations to hospital.

Owner—Stanford University Hospital

Architect—Hervey P. Clark, 251 Post

Contractor—Fred K. DuPuy, 110 Sutter Street.

Glass—Arthur Goepp, 70 12th Street

Other awards reported Nov. 25.

Plans To Be Prepared.

ADDITION Cost, $60,000

AUBERRY, Fresno Co., Calif. Wish I-Ah Sanitorium.

Owner—County of Fresno.

Architect—Allied Architects of Fresno, Fresno.

Bids Rejected.

STOREHOUSE Cost, $—

PLACERVILLE, Eldorado Co., Calif. County Hospital grounds.

One-story brick storehouse (14-16-ft.

Architect—Not Given.

Only bid was submitted by James P. Martin, Placerville, at $4,446, which was rejected.

Project abandoned temporarily.

BIDS OPENED

HOSPITAL Cost, $90,000

HANFORD, Kings Co., Calif.

Hospital buildings (group consists of infirmary building, isolation ward, kitchen addition, water tank and tower and physician's residence).

Owner—County of Kings (E. F. Pickerill, Clerk).

Architect—Ernest J. Kump, Rowell Bldg., Fresno.

Low Bidder: Midstate Construction Co., 902 Power Building, Fresno.

Complete bids follow:

Midstate Construction Co.	$89,156
W. J. Ochs	90,800
Trewhitt Shields & Fisher	96,813

All of Fresno.

Recommendation made to PWA that contract be awarded to Midstate Construction Company.

10— HOTELS

Contract Awarded.

ALTERATIONS Cost, $—

SAN FRANCISCO, Calif., Sutter & Powell Sts.

Alterations to arcade of Hotel Sir Francis Drake (mechanical, equipment, etc.).

Owner—Sir Francis Drake Hotel.

Architect—D. D. Stone, 110 Sutter St.

Mechanical Engineers — Hunter & Hudson, 41 Sutter St.

Contractor—Lindgren & Swinerton, 225 Bush St.

PUBLIC LIBRARY

2— POWER PLANTS

ONTRACT AWARDED
KERN COUNTY, Cal.—Fluor Corp., 9 E 59th St., Los Angeles, awarded ontract for construction of twelve 200 p. compressor plant units in the vi- nity of Mountain View, Kern Coun- , for the Industrial Fuel Supply Co. ost will amount to about $300,000.

ROJECT ABANDONED
PALO ALTO, Santa Clara Co., Cal. ity Council rejected recommenda- on of Board of Public Works for a 60,000 bond issue to construct Die- l-electric generating plant. A PWA rant of $218,000 allocated to the pro- ct will be withdrawn.

3— PUBLIC BUILDINGS FIRE HOUSES & JAILS

lanned.
LTERATIONS Cost, $50,000
RESNO, Fresno Co., Cal.
ehabilitation of old courthouse bldg.
wner—County of Fresno.
rchitect—Allied Architects of Fres- no, Fresno.

lans Approved.
IRE STATION Cost, $15,300
AKMEL, Monterey Co., Cal. Sixth Ave., bet. Mission and San Carlos Streets.
wo-story reinforced concrete fire station (75x45 feet).
wner—City of Carmel.
rchitect—Milton Latham, P. O. Box 1257, Carmel.
A bond election in the amount of 2,000 will be called to assist financ- g construction.
Aplication will be filed with the 'PA.

lans Being Prepared.
LTERATIONS Cost, $20,000
AN JOSE, Santa Clara Co., Calif. Market Street.
lterations to old Post Office for City Library.
wner—City of San Jose.
rchitect—Ralph Wyckoff, San Jose First National Bank Bldg., San Jose.
A special election is being held on ecember 30 at which time voters will pprove sale of the present city li- rary to the State College.

ids Opened.
DDITION Cost, $27,000
VOODLAND, Yolo Co., Calif.
ompletion of city hall (frame and stucco construction).
wner—City of Woodland.
rchitect — Harry J. Devine, Cronan Bldg., Sacramento.
ow Bidder—Charles Unger, 2426 7th Ave., Sacramento.
Complete bids follow:
has. Unger, Sacramento..... $29,713
indgren & Swinerton, S. F.... 31,741
zevedo Const. Co., Sacto..... 32,005
Recommendation will be made that ontract by awarded Chas. Unger at 29,713.

lans Approved.
IBRARY Cost, $49,000
ISALIA, Tulare Co., Calif.
ne-story library building.
wner—City of Visalia.
rchitect—C. A. Balch, 1584 W. Wash- ington St., Los Angeles.

ontract Awarded.
DD. WORK Cont. Price $64,680
AKLAND, Alameda Co., Cal. Fal- lon, Oak and 13th Streets.
Construct additional granite at base of courthouse and additional steel sash in court room.
wner—County of Alameda.
Architects—W. G Corlett, James E. Plachek, W. E. Schirmer, Carl Werner, H. A. Minton, 910 Bank of America Bldg., Oakland.
Contractor: Parker & Wagner, 181 South Park St., San Francisco.

Bids Opened.
HALL & FIRE HOWE Cost, $50,000
MILL VALLEY, Marin Co., Calif.
Two-story Class C concrete brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architect—D. E. Jaeckle and Walter Falch, 126 Post St., San Francisco.
Complete bids follow:
Vincent Maggiore, Sausalito.....$53,718
Leibert & Trobock, San Rafael 54,303
Einer C. Petersen, San Francisco 54,333
Fred J. Early, San Francisco 58,654
A. H. Vogt, San Francisco..... 61,480
C.C.W. and H. H. Haun, San Francisco 61,590
Proposals were received for eight alternative items. Low bidder probably will be determined by alternates selected.

Commissioned To Prepare Plans.
HOSPITAL Cost, $50,000
VISALIA, Tulare Co., Cal.
New hospital.
Ownr—City of Visalia.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Grant has been approved by the PWA.

Bids Opened.
MEMORIAL BLDG. Cost, $32,500
TUOLUMNE, Tuolumne Co., Calif.
One - story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Low Bidder—Sam Eyre, Tracy.
Complete bids follow:
Sam Eyre, Tracy..... $31,917
Nelson & Wallace, Escalon..... 32,027
Ecker Bros., Stockton..... 32,500
Bids held under advisement.

14— RESIDENCES

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO, NE Fourteenth Ave. and Vicente St.
Two-story and basement frame and stucco residence.
Owner—John and Nellie Brackett.
Architect—Harold Stoner, West Portal Ave. and Portola Drive.
Contractor—Ed. Zinkand & Son, 667 36th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. No. 4321 Harboard Drive.
One-story frame and stucco residence (8 rooms).
Owner — C. H. Nie, 3924 Nevil St., Oakland.
Architect—Not Given.
Contractor—C. Tollefsen, 3311 E-17th St., Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $6230
OAKLAND, Alameda Co., Cal. Piedmont Pines.
One-story and basement frame and stucco residence (five rooms).
Owner—Withheld.
Architect—J. K. Ballantine, 137 Harlan Place, San Francisco.
Contractor—T. D. Courtright, 349 51st St., Oakland.
Plumbing—J. A. Fazio, 2059 Webster St., Oakland.
Tile Work—Superior Tile & Products Co., 3713 Broadway, Oakland.
Glass—East Bay Glass Co., 621 Sixth St., Oakland.
Brick Work—Hershel & Reinecke.
Lumber—Tilden Lumber Co., Foot of University Ave., Berkeley.
Steel Sash—East Bay Glass Co., 621 Sixth St., Oakland.
Hardware — Maxwell Hardware Co. 1320 Washington St., Oakland.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Calif. NW Monterey Blvd. & Santa Clara Ave.
Two-story and basement frame and stucco residence.
Owner—Edward Brady, 2582 Chestnut Street.
Architect—Alfred H. Jacobs, 110 Sutter Street.
Contractor—Michael & Bomerer, 762 De Haro Street.

Contract Awarded.
DUPLEX Cost, $5000
SANTA CRUZ, Santa Cruz Co., Cal. Third street.
One-story frame and stucco duplex residence (2 3-room residences).
Owner—L. S. Milinovich, Taft.
Architect—Not Given.
Contractor—Walter Reed, Santa Cruz

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN JOSE, Santa Clara Co., Cal. No. 255 North 18th St.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—F. H. Williams, 260 N. 18th St., San Jose.
Architect—Not Given.

Sub-Contracts Awarded.
RESIDENCE Cost, $11,400
PALO ALTO, Santa Clara Co., Calif. Crescent Park.
Two-story stucco residence (gas heating system, tile roof, hardwood floors).
Owner—Colonel Chamberlain.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—B. Tunberg & Co., Box 732, Palo Alto.
Plumbing—Lee & Sharpe, Palo Alto.
Electric Wiring — R. Midsley, Menlo Park.
Sheet Metal — Stanford Sheet Metal Works, Palo Alto.
Tile Work—C. L. Frost, Palo Alto.
Glass—Acme Glass Co., Palo Alto.
Iron Grille Work—Engfer Iron Works, San Jose.
Lumber—Merner Lumber Co.
Painting—Thomas & Staugl, Palo Alto
Lathing and Plastering—E. J. Silus, Palo Alto.

Contract Awarded.
ALTERATIONS Cost, $2500
SAN FRANCISCO. No. 627 London Street.
Alterations to residence.
Owner—M. Peterson, Premises.
Architect—D. E. Jaeckle, 126 Post St., San Francisco.
Contractor—F. Portulo, 1279 43rd Ave. San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 144 Alta Road.
One-story and basement frame and stucco residence (6 rooms).
Owner and Builder—C. J. Ffrang, 5300 Claremant Ave., Oakland.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 90 Alamo Street.
One-story and basement frame and stucco residence (6 rooms).

Owner — N. Nicholson, 550 Blossom Way, San Leandro.
Architect—Not Given.
Contractor — D. W. Nicholson, 550 Blossom Way, San Leandro.

Sub Bids Being Taken.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo Co.
Two-story and basement frame and stucco residence (8 rooms and 3 baths); shake roof, gas heating system, hardwood floors, wood sash tile baths, etc.
Owner and Builder—Lengfeld & Olund 220 Third Ave., San Mateo.
Architect — Leo Sharps, 1477 Burlingame Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $3000
BERKELEY, Alameda Co., Cal. No. 2333 Ward Street.
Two-story frame residence (3 rooms).
Owner—Rebecca Young.
Architect—Not Given.
Contractor—D. W. Gaskill, 3041 Hillegass Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $5000
SAN FRANCISCO. Pacheco St. S Ariel Way.
One-story and basement frame and stucco residence.
Owner—E. T. Grimes, 810 Pacheco St., San Francisco.
Architect — Harold G. Stoner, West Portal and Portola Drive.
Contractor—A. T. Morris & Sons, 5400 Fulton St., San Francisco.

Contract Awarded.
Residence Cost, $7000
SAN FRANCISCO. NW Twenty-sixth and Eucalyptus Streets.
One-story and basement frame and stucco residence.
Owner and Builder—E. B. Campbell, 2351 21st Avenue.
Architect—Not Given.
Contractor—Jas. Arnott & Son, 633 Taraval St., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Van Ness Ave. N 24th Street.
On-story and basement frame and stucco residence.
Owner and Builder—John Brandt, 2827 Mission St., San Francisco.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. No. 650 Euclid Avenue.
Two-story and basement frame and stucco residence (6 rooms).
Owner—C. E. Davies, 449 Coventry Road, Berkeley.
Architect—Not Given.
Contractor—S. C. Dawe, 649 Coventry Road, Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN JOSE, Santa Clara Co., Calif. No. 1475 Emory Street.
One-story and basement frame and stucco residence (6 rooms).
Owner—William H. O'Neil, Premises.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Bowling Drive.
Two - story and basement frame and stucco residence (ten rooms).
Owner—H. C. Cheek.
Architect—Roland I. Stringham, 525 Market St., San Francisco.
Contractor—Emil Person, 829 San Luis Berkeley.

To Ask Bids In One Week.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Alvarado Road.
Two - story and basement frame residence (8 rooms, 4 baths) California-Colonial type, shake roof, air conditioning system, steel sash, hardwood floors, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.

To Be Done By Day's Work.
RESIDENCE Cost, $4,900
SAN FRANCISCO. SW 29th Avenue and Cabrillo St.
One-story frame dwelling.
Owner and Builder—H. H. Isaac, 517 Belvedere Street.
Architect—Not Given.

Plans Completed—Contract Awarded
RESIDENCE Cost, $5,000
SAN FRANCISCO. Tenth Avenue and Pacheco.
One-story frame and stucco residence (five rooms).
Owner—Miss Grace Ringressy.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—J. Dawson, 1507 Lincoln St., Berkeley.

Contract Awarded
RESIDENCES Cost, $6,000
SAN FRANCISCO. N San Juan, 75 and 50 W Alemany.
Two one-story and basement frame dwellings.
Owner—The McCarthy Co., 333 Kearny Street.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta Street.

To Be Done by Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Lot 41, Idaho Street.
One-story and basement frame and stucco residence.
Owner and Builder—Frank Ferrea, 712 5th St., San Mateo.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
PIEDMONT, Alameda Co., Cal. No. 1623 Grand Ave.
One-story and basement frame and stucco residence.
Owner—R. B. Sims, 1939 Courtland Ave., Piedmont.
Architect—Not Given.
Contractor—W. H. Sims, 1939 Courtland Ave., Piedmont.

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
BERKELEY, Alameda Co., Cal. No. 480 Vassar Street.
Two-story frame and stucco residence (six rooms).
Owner and Builder—W A. Netherby, 3853 Lyman Road, Oakland.
Architect—Not Given.
Plumbing—J. A. Fazio.
Electric Wiring—E. L. Reid.
Heating—Atlas Heating & Ventilating Company.
Brick Work—W. Holst.
Lumber—Hogan Lumber Co.
Steel Sash — Michel & Pfeffer Iron Works, 10th and Harrison Sts., San Francisco.
Wood Sash—Pacific Mfg. Co.
Hardware—B. Simon Co.
Concrete—A. A. Johnson.
Flooring—H. C. Hansen.
Reinforcing Steel—Bormann Steel Co.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
PALO ALTO, Santa Clara Co., Calif. No. 1480 Middlefield Road.
One-story and basement frame and stucco residence.
Owner—Lillian A. Dudfield.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $2,850
SAN FRANCISCO. SE Mission, 83 SW Florentine St.
One-story frame dwelling.
Owner and Builder—M. K. Kallo, 5457 Mission Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $11,500
SAN FRANCISCO. SW Corner 15th Ave. and Kirkham Street.
Spanish style residence (tile roof, hardwood floors, etc.; 8 rooms and 3 baths).
Owner—Harry Daniels.
Architect—C. O. Clausen, 746 46th Ave.
Contractor—Robt. Black, 1935 Cabrillo.

Plans Being Prepared.
RESIDENCE Cost, $——
SAN FRANCISCO. Sea Cliff.
French style, frame and stucco residence (8 rooms, 3 baths) elevator, wood sash, etc.
Owner—Withheld.
Architect—C. O. Clausen, 746 46th Ave.

Plans Completed
RESIDENCE Cost, $15,000
SAN FRANCISCO. Fairfax Ave. and Baywood.
French style frame and stucco residence (10 rooms, 3 baths) slate roof, etc.
Owner—Withheld.
Architect—C. O. Clausen, 746 46th Ave.

Owner Taking General Bids
RESIDENCE Cost, $7,000
SAN FRANCISCO. Marina District.
One - story and basement frame and stucco residence (5 rooms).
Owner—Mrs. T. J. Webb, 239 Cervantes Blvd.
Architect—C. O. Clausen, 746 46th Ave.

Plans Being Figured—Bids Close Dec. 16
RESIDENCE Cost, $12,000
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (8 rooms and 3 baths) shingle roof gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Russell F. O'Haro.
Architect — Fred Reimers, 233 Post St., San Francisco.
Fred DuPuy, 110 Sutter St., is figuring the plans and desires sub-bids on all portions of the work.

Contract Awarded
RESIDENCE Cost, $5,500
OAKLAND, Alameda Co., Calif. 3401 Gindo Street.
One - story and basement frame and stucco residence (6 rooms).
Owner—H. A. Pleitner, 4021 E 14th St. Oakland.
Architect—Not Given.
Contractor—Wm. Watson, 4750 Melson Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 48th Ave. 300 N Riviera Street.
One - story and basement frame and stucco residence.
Owner—R. and A. V. Marrin.
Architect—C. O. Clausen, 746 46th Avenue.
Contractor—A. J. Wilbe, 2444 Great Highway.

Contract Awarded
RESIDENCE Cost, $4,000
SAN MATEO, San Mateo Co., Calif. Lot 2, Block 4, Florin Street.
One - story and basement frame and stucco residence.
Owner—H. H. Boyle, 1103 Burlingame Ave., Burlingame.
Architect—Not Given.
Contractor—Martin Peterson, 128 Lorton St., San Mateo.

ntract Awarded.
ESIDENCE Cost, $5000
RLINGAME, San Mateo Co., Cal.
e-story and basement frame and stucco residence.
wner—M. G. Strok.
chitect—Not Given.
ntractor—John McCarthy, 50 Hudson St., Redwood City.

b Contracts Awarded.
DDITION Contract Price $37,900
LANO, Kern Co., Calif. Campus of high school.
to and farm mechanics building.
wner—Delano Joint Un. High School District.
chitect—E. J. Symmes, 215 Haberfelde Bldg., Bakersfield.
ntractor—Williams and Greenough, 130 Lincoln St., Bakersfield.
oofing—Orvil McNay, Bakersfield.
ming—R. S. Freels, Delano.
ectric Wiring—Drury Electric Co., Bakersfield.
ating—J. E. Pettijohn & Co., Delano.
eet Metal—Bakersfield Sheet Metal Works, Bakersfield.
e—Kern County Roofing Co., Bakersfield.
ck Work—Thos. Hopem, Bakersfield.
thing & Plastering—Chas. Conklin, Bakersfield.
mber—King Lumber Co., Bakersfield.
el Sash—Kyle & Co., Fresno.
ood Sash—King Lumber Co., Bakersfield.
nting—Peter Stevens, Bakersfield.
n. Steel—Kyle & Co., Fresno.
uctural Steel—Kyle Co., Fresno.

Ask Bids Within Few Days.
PLEX RESIDENCE Cost, $8,000
N MATEO, Calif., 8th Ave.
o-story frame and stucco duplex residence (2, 5 room residences). single roof, gas heating system, hardwood floors, etc.)
wner—Walter Von Bergmann.
chitect—Ed. M. Sharpe, 525 Market St.

ntract Awarded.
SIDENCE Cost, $6,000
N FRANCISCO, Calif.—E. Collingwood, N. 20th Street.
e-story & basement, frame and stucco residence.
wner—M. Panagouleas.
chitect—Plans by B. K. Dohkowitz, 425 Monterey Blvd.
ntractor — Robert McCarthy, 356 Church St.

ns Being Prepared.
SIDENCES Cost, $5,000 each
N FRANCISCO. Pinelake Park.
ur one-story and basement frame and stucco residences (4- 5- and 6-rooms) tile & composition roofing, wood sash, hardwood floors, tile baths, etc.
wner and Builder—A. J. Herzig, 635 Victoria Street.
chitect—D. E. Jaekle, 126 Post St.

ntract Awarded.
SIDENCES Cost, $4,000 ea.
N FRANCISCO, Calif. N. Rivera and 29th Ave.
ur, one-story & basement frame and stucco residences.
wner—Happy Home Building Co., 105 Montgomery Street.
chitect—Not given.
ntractor—S. K. Birdsall, 646 47th Ave.

Ask Bids Within One Week.
SIDENCE Cost, $——
KLAND, Calif. Rockridge District.
o-story & basement, frame and stucco residence.
wner—Mr. Weaver.
chitect—Miller & Warnecke, Financial Center Bldg., Oakland.

Sub Contracts Awarded.
RESIDENCE Cost, $5000
VALLEJO, Solano Co., Calif.
One-story all-wood residence (five rooms) shingle roof, gas heating system, wood sash, hardwood floors, tile bath, etc.
Owner—Jas. Gee, Jr.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Contractor—James Bitcon, 628 Louisiana St., Vallejo.
PLUMBING—Wilder Hardware Co., Vallejo.
HEATING—Modern Sheet Metal Works, Vallejo.
TILE—Superior Tile & Products Co., Oakland.
GLASS—Vallejo Lumber Co., Vallejo.
IRON GRILLE WORK—X. M. Williams, Vallejo.
LATHING & PLASTERING—L. W. Johnson, Vallejo.
LUMBER—El Cerrito Lumber Co., Berkeley.
WOOD SASH—Vallejo Lumber Co., Vallejo.
HARDWARE — Winchell Hardware Co., Vallejo.
PAINTING—Jack Barnewitz, Vallejo.
FLOORING—Webster & Brum, Vallejo.
WINDOW SHADES—Jackson Furniture Co., Vallejo.

To Ask Bids Within One Week.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. upper Piedmont Estates.
Two-story frame and stucco residence (8 rooms and 3 baths) tile roof, wood sash, gas heating system, etc.
Owner—Marion Buckley.
Architect—Ed. M. Sharpe, 525 Market St., San Francisco.

Plans Completed.
ALTERATIONS Cost, $——
SAN FRANCISCO, Calif. 144 25th Ave.
Alterations to residence.
Owner—Frank & Marie Sutton, 2757 Polk Street.
Architect—Oscar R. Thayer, 1120 Union Street.

Contract Awarded.
RESIDENCE Cost, $5200
HAYWARD, Alameda Co., Calif.
Two 1-story frame residences (4 rms. each), rustic exterior, hardwood floors, wood sash, etc.
Owner—Mr. Struble.
Architect — George P. Simonds, 192 Main St., Hayward.
Contractor—H. S. Shain, 54 Arleta Ave., Hayward.

To Be Done By Days Work.
RESIDENCE Cost, $4,500
OAKLAND, 6300 Ascot Drive.
Two-story, six room dwelling.
Owner and Builder—A. L. Anderson, 1917, 16th Ave., Oakland.
Architect—Not given.

Contract Awarded.
RESIDENCE Cost, $5500
SAN MATEO, San Mateo Co., Calif. Lot 14 Blk J, 15th Avenue.
One-story and basement frame and stucco residence.
Owner—Percy Bradshaw, 151 15th Ave., San Mateo.
Architect—Not Given.
Contractor—Wallace Waterhouse, 1747 Palm Ave., San Mateo

Contract Awarded.
RESIDENCE Cost, $5000
BURLINGAME, San Mateo Co., Cal. Burlingame Avenue.
One-story and basement frame and stucco residence.
Owner—Allen Herkford.
Architect—Not Given.
Contractor — Frank Ferrea, 712 5th Ave., San Mateo

Contract Awarded.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Aragon Blvd.
One-story and basement frame and stucco residence.
Owner—Frank Murphy.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

Plans Being Figured — Bids Close Dec. 10.
RESIDENCE Cost, $——
SAN FRANCISCO, Calif. Russian Hill.
Two-story and basement frame and stucco residence (7 rms., 3 baths), terra cotta tile roof, wood sash, gas heating system, etc.
Name withheld.
Architect—Farr & Ward, 68 Post St.

Sub-Bids Being Taken.
RESIDENCE Cost, $5,000
SAN FRANCISCO, Ulloa near Fourteenth Avenue.
One - story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, wood sash, hardwood floors, etc.
Owner—A. Halsen, 2427 25th Avenue.
Architect—D. E. Jaekle, 126 Post St.

Contract Awarded
RESIDENCE Cost, $4500
SAN FRANCISCO. Mt. Vernon and San Jose Ave.
One - story and basement frame and stucco residence (5 rooms) tile and composition roofing, gas heating system, wood sash, hardwood floors, tile bath.
Owner—Mr. Horn.
Architect—D. E. Jaekle, 126 Post St.
Contractor—Gordon Morris, 95 Pinehurst Way.

15— SCHOOLS

Preliminary Plans Approved.
AUDITORIUM Cost, $50,000
LATON, Fresno Co., Calif.
Reinforced concrete auditorium at High School.
Owner — Laton Union High School District.
Architect—Not Given.

Contract Awarded.
GYMNASIUM Cont. Price, $49,676
MADERA, Calif.
One-story reinforced concrete gymnasium (composition roof, some tile, steel columns, maple floors).
Owner — Madera Union High School District.
Architect—E. Ernst, 9 W. Cleveland St., Stockton.
Engineer—Ernest Francis, California State Life Bldg., Sacramento.
Contractor: Midstate Construction Co., 902 Power Building, Fresno.

Bids Opened.
SCHOOL Cost, $45,000
WARM SPRINGS, Alameda Co., Calif.
One-story frame and stucco grammar school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Low Bidder—G. M. Latta, 157 Rhodes Court, San Jose.
Complete bids follow:
(1) Deduct for omitting temperature control;
(2) Deduct for omitting foot lights;
(3) Deduct for omitting border lights;
(4) Deduct for omitting electric clock system;

(5) Deduct for omitting radio and sound system;
(a) Add or deduct for excav. per c.y.
(b) do for concrete, per c.y.;
(c) do for concrete forms, per s.f.;
(d) do for reinf. steel, per lb.

Guy M. Latta, San Jose		$52,685
	(1)	700
	(2)	331
	(3)	504
	(4)	538
	(5)	546
	(a)	1.10
	(b)	8.50
	(c)	.10
	(d)	.045
DeLuca & Son, S. F.		$53,579
	(1)	702
	(2)	300
	(3)	400
	(4)	500
	(5)	600
	(a)	1.50
	(b)	7.50
	(c)	.075
	(d)	.045
Frank J. Reilly, S. F.		$54,321
	(1)	600
	(2)	320
	(3)	400
	(4)	550
	(5)	650
	(a)	2.00
	(b)	7.50
	(c)	.065
	(d)	.04
Carl N. Swensen, San Jose		$54,577
	(1)	723
	(2)	280
	(3)	372
	(4)	545
	(5)	575
	(a)	1.00
	(b)	1000
	(c)	.12
	(d)	.055
J. D. Carlsen, San Jose		$55,114
	(1)	700
	(2)	331
	(3)	504
	(4)	538
	(5)	546
	(a)	.60
	(b)	9.00
	(c)	08
	(d)	.045
H. A Bridges, San Jose		$58,678
	(1)	700
	(2)	324
	(3)	463
	(4)	576
	(5)	683
	(a)	1.00
	(b)	7.65
	(c)	.23
	(d)	.045
O. Monson, S. F.		$63,000
	(1)	500
	(2)	300
	(3)	400
	(4)	500
	(5)	600
	(a)	1.50
	(b)	10.00
	(c)	.11
	(d)	05

Bids referred to PWA for award.

BIDS OPENED

GYMNASIUM Cost, $140,000
SAN FRANCISCO. Willard and Frederick Streets.
One-story steel frame, brick and terra cotta gymnasium (Polytechnic High School) concrete side walls and floors, etc.; locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer—H. C. Vensano, 251 Kearny Street.
Low bids follow:
General Work—F. C. Amoruso & Sons, Wallace & Keith Sts., $97,400.
Mechanical Equip. & Plumbing—Anderson & Rowe, 45 Belcher St., $15,774.
Electric—Spencer Electric Co., Monadnock Bldg., $3,429.
Complete bids follow:

General Work

(1) Excavation and backfilling from bottom of excavation to depth not to exceed five feet. add
(1-a) do. deduct.
(2) Foundation concrete, per cu. yd. add
(2-a) do. deduct.
(3) Foundation forms, per sq. ft. of contact surface, add.
(3-a) do. deduct.
(4) Other concrete, per cu. yd. add
(4-a) do. deduct.
(5) Forms for concrete, per sq. ft. of contact surface, add
(5-a) do. deduct.
(6) Reinforcing bars, per lb. in place, add
(6-a) do. deduct.

F. C. Amoroso & Sons		$97,400
	(1)	4.00
	(1-a)	3.00
	(2)	9.50
	(2-a)	7.40
	(3)	.15
	(3-a)	.09
	(4)	12.00
	(4-a)	8.00
	(5)	.20
	(5-a)	.12
	(6)	.05
	(6-a)	.03
O. Monson		$98,840
	(1)	3.00
	(1-a)	1.50
	(2)	13.00
	(2-a)	7.00
	(3)	.16
	(3-a)	.09
	(4)	15.00
	(4-a)	7.50
	(5)	.20
	(5-a)	.10
	(6)	.06
	(6-a)	.03
James L. McLaughlin		$99,615
	(1)	1.60
	(1-a)	1.10
	(2)	12.00
	(2-a)	8.00
	(3)	.18
	(3-a)	.13
	(4)	12.00
	(4-a)	8.00
	(5)	.18
	(5-a)	.13
	(5)	.06
	(6-a)	.04
Einar C. Petersen		$99,720
	(1)	2.25
	(1-a)	.....
	(2)	8.00
	(2-a)	.....
	(3)	.085
	(3-a)	.....
	(4)	8.25
	(4-a)	.....
	(5)	.10
	(5-a)	.....
	(6)	.05
	(6-a)	.....
Anderson & Kingrose		$105,000
	(1)	1.50
	(1-a)	.75
	(2)	10.00
	(2-a)	5.00
	(3)	.16
	(3-a)	.08
	(4)	10.00
	(4-a)	5.00
	(5)	.16
	(5-a)	.08
	(6)	.055
	(6-a)	.0275
K. E. Parker Company		$107,670
	(1)	5.00
	(1-a)	2.50
	(2)	10.00
	(2-a)	7.00
	(3)	.25
	(3-a)	.15
	(4)	12.00
	(4-a)	7.50
	(5)	.25
	(5-a)	.15
	(6)	.05
	(6-a)	.035

Mechanical Equipment & Plumbing

Anderson & Rowe	$15,774
Herman Lawson	15,915
M. J. Reeves Heating Co.	16,977
Scott Company	17,077
F. W. Snook Company (Bid irregular and not read).	

Electrical Work

Spencer Electric Company	$3,429
Abbett Electric Co.	3,950
Lynn & Heffernan	3,976
Globe Electric Works	4,181
Victor Lemoge	4,277
Central Electric Co.	4,690
Lee Electric Co.	4,700
G. H. Armstrong	4,772
Aptos Electric Construction Co.	5,147
Aetna Electric Co.	5,167
Hotchner Bros.	5,287

Bids Wanted—To Close December 17, 7 P. M.

ADMIN. BLDG. Cost, $150,000
TAFT, Kern Co., Calif. Taft Union High School Campus.
Two-story reinforced concrete administration building (concrete joist floors, steam heating system, flat roof, awning type patent windows study hall, library, offices and nine classrooms, etc.)
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be received up to 7 P. M. on December 17 and opened at 8 P. M.
Plans and specifications may be obtained from the architect at the office of the High School in Taft upon deposit of $25.

Plans Awaiting State Approval.

RECONST. SCHOOL Cost., $80,000
ALAMEDA, Alameda Co., Calif. 381 Central Avenue.
Reconstruct Lincoln School.
Owner—Alameda City School District.
Structural Engineers—L. H. Nishkian 525 Market St.; Earl Hammill, 381 Bush St., and Earl Russell, Pacific Bldg., San Francisco.
Architect—H. A. Minton, 525 Market St., San Francisco.
Plans have been forwarded to the State Division of Architecture for approval.

Bid Opening Date Postponed Until December 18, 10 A. M.

ADDITION Cost, $75,000
ELK GROVE, Sacramento Co., Calif.
Brick, concrete and steel addition to high school (science buildlog and boiler room).
Owner—Elk Grove Union High School District.
Architct—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be opened at 11 A. M. on December 18.
Plans and specifications may be obtained from the architect and from Philip E. Smith, Clerk of the Board, Elk Grove, upon deposit of $25.
Date of opening bids was previously reported for December 6, 7 P. M.

Sub-Bids Wanted.

STORE Cost, $10,000
OAKLAND, Alameda Co., Cal. No. 1918 Park Blvd.
One-story store building.
Owner—A. Hirschberg.
Architect—Not Given.
Contractor—Daley Bros., 4221 Horton St., Emeryville.
Reinforcing Steel—W. S. Wetenhall, 17th and Wisconsin Sreets, San Francisco.
Flooring—Van Fleet Freear Co., 557 Howard St., San Francisco.
Sub-bids are being taken on roofing, plumbing, sheet metal, glass, lathing and plastering, steel sash, painting etc.

IDS OPENED

SAN FRANCISCO. — Erling Anderson Co., at $2,385 submitted low bid to Department of Public Works for interior and exterior painting of the Excelsior School, Excelsior Ave. and London Street.

Complete bids follow:

Erling Anderson Co.	$2,385
P. Paoli & Co.	2,699
J. Thompson	2,700
Reliable Painting Co.	2,840
Kramer Brothers	2,975
Lee Dixon Painting Co.	3,383

Bids held under advisement. *

IDS OPENED

SAN FRANCISCO. — Hanson Bros., 340 Mission St., at $3,500 submitted low bid to Department of Public Works for temporary classroom buildings at Lowell High School, Hayes St. and Lewteen Ashbury and Clayton Sts.

Complete bids follow:

Hanson Brothers	$3,500.00
Dept. of Public Works (Bureau of Bldg. Repair)	3,677.87
H. Johnson	3,744.00
E. Vukicevich	4,573.00

Bids held under advisement. *

IDS OPENED

SAN FRANCISCO—Heywood Wakefield Co., 180 New Montgomery St., and J. W. Fricke So., 420 Market St., at $4,425.60 submitted identical low bids to Department of Public Works for the installation of chairs in the auditorium of the Girls' High School, Scott and O'Farrell Sts.

Other bids were:

American Seating Co.	$4,769.60
General Seating Co.	4,912.68

Bids held under advisement. *

ids Wanted—To Close December 13, 5 P. M.

GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications obtainable from the architect upon deposit of $25.

ids Wanted—To Close December 19, 7 P. M.

SCHOOL Cost, $28,000
EL PASO, Sacramento Co., Calif.
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento
Plans and specifications may be obtained from the architect upon deposit of $25,000.

ids Opened

SCHOOL Cost, $76,364
REDDING, Shasta Co., Calif.
One-story frame and stucco grammar school (12 classrooms and auditorium to seat 500).
Owner—Redding Elementary School District.
Architect—Masten and Hurd, 233 Post St., San Francisco.
Complete bids follow:

C. A. Howkins & Co., S. F.	$83,328
Swinwiddie Const. Co., S. F.	83,900
Wm. Martin, San Francisco	83,900
C. L. Wold Const. Co., S. F.	84,522
Wm. Spivock, San Francisco	89,900
Campbell Const. Co., Sacto.	92,300

Alternate proposals are being considered to determine low bid.

id Opening Date Postponed Until Dec. 17, 8 P. M.

IMPROVE SCHOOL Cost, $——
ROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner — Tarquinez Grammar School District.
Structural Engineer—Dewell & Earl, 55 New Montgomery Street, San Francisco.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Plans and specifications may be obtained from the engineers, Dewell and Earl, 55 New Montgomery Street, upon deposit of $25.00.

Bids Wanted—To Close December 12, 7:30 P. M.

AUDITORIUM Cost, $55,000
OILDALE, Kern Co., Calif.
One - story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Plans and specifications may be obtained from the architect.

Bids Wanted—To Close December 11, 8 P. M.

SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms, auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications may be obtained from the Superintendent of Schools, Court House, Salinas, upon deposit of $20.00.

Bids Wanted—To Close December 14, 2 P. M.

SCHOOL Cost, $54,545
DORRIS, Siskiyou Co., Calif.
One-story elementary school building.
Owner—Dorris Elementary School District.
Architect—Howard R. Ferrin, Underwood Bldg., Klamath Falls, Ore.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted—To Close December 14, 1 P. M.

SCHOOL Cost, $16,500
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Plans and specifications may be obtained from the architect upon deposit of $15.00.

Bonds Voted—Plans Being Completed.

SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One-story frame and stucco elementary school (four classrooms).
Owner—Knightsen Elementary School District.
Architect—Jas. Narbett, 466 31st St., Richmond.
Bids will be asked shortly.

Bonds Voted—Plans Being Completed.

SCHOOL Cost, $30,000
COLUMBIA, Tuolumne Co., Calif.
One - story concrete or brick grammar school building (five classrooms).
Owner—Columbia Grammar School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Structural Engineer—W. Adrian, 417 Market St., San Francisco.
Bids will be asked shortly.

Bids Opened.

SCHOOL Cost, $——
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post.
Structural Engineer — Walter Huber, Crocker First Nat'l Bank Bldg.
Electrical Engineer—Leland & Haley, 58 Sutter Street.
Low bids follow:

General Work—C. L. Wold Const. Co., Ltd., 4412 Fulton St., $152,229.

Mechanical Equipment & Plumbing—Herman Lawson, 465 Tehama St., $24,680.

Electric—Lynn & Heffernan, 114 Ashton Ave., $17,740; (a) deduct $539.

Complete bids follow:

General Work

(1) add; (2) add; (3) add; (4) add; (5) add.

C. L. Wold		$152,229
	(1)	2,079
	(2)	1,688
	(3)	2,547
	(4)	5,192
	(5)	1,600
Monson Brothers		$152,500
	(1)	2,147
	(2)	1,720
	(3)	2,946
	(4)	5,800
	(5)	1,530
Einar C. Petersen		$157,790
	(1)	2,366
	(2)	1,925
	(3)	3,055
	(4)	6,628
	(5)	not bid
DeLuca & Son		$157,988
	(1)	2,155
	(2)	1,635
	(3)	2,596
	(4)	5,165
	(5)	1,323
Anderson & Ringrose		$159,000
	(1)	2,500
	(2)	2,000
	(3)	3,456
	(4)	7,000
	(5)	2,035
A. Nelson, Inc.		$162,117
	(1)	1,824
	(2)	1,402
	(3)	2,097
	(4)	4,292
	(5)	—

Mechanical Equipment and Plumbing

Herman Lawson	$24,680
F. W. Snook	25,515
Skelly & Kohler	25,900
Anderson & Rowe	25,989
James H. Pinkerton	26,206
Alta Elec. & Mech. Co.	26,734
M. J. Reeves Heating Co.	27,477
Scott Company	27,487
J. A. Nelson, Inc.	29,191

Electrical Work

(1) deduct for omitting microphone, room speakers and control panel.

Lynn & Heffernan		$17,740
	(1)	539
Alta Elec. & Mech. Co.		$18,189
	(1)	500
DeLatour Electric Co.		$18,765
	(1)	470
Victor Lemoge		$18,441
	(1)	760
Spencer Electric Co.		$19,423
	(1)	773
Abbett Electric Co.		$20,935
	(1)	591
H. C. Reid & Co.		$21,100
	(1)	500

Bids received from R. Flatland and H. S. Tittle were considered irregular and not read.

Bid Opening Date Postponed Until Dec. 13, 8 P. M.

SCHOOL Cost, $42,000
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco grammar school (11 classrooms, composition roofing, steam heating system, wood floors, wood sash, etc.
Owner—Sebastopol Union Elementary School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.

Engineer—W. Adrian, 417 Market St., San Francisco.
Plans and specifications may be obtained from the architects upon deposit of $15.00.
Date was previously set for Dec. 10.

Bids Wanted—To Close Dec. 18, 2:30 P. M.
SHOPS Cost, $——
SAN FRANCISCO, Fillmore Street between Bay and Chestnut Streets.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St.; W. P. Day, Financial Center Bldg., and John Bakewell, Jr., 251 Kearny Street.
Bids are being taken as follows:
(1) General work. Est. cost, $165,000; $50 deposit for plans.
(2) Mechanical Equipment and Plumbing. Est. cost, $14,000. $25 deposit for plans.
(3) Electrical work. Est. cost, $9,000. $25 deposit for plans.
(4) General work, including mechanical and electrical work. Est. cost $188,000; $100 deposit for plans.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, City Hall.

Bids Opened.
AUDITORIUM Cost, $33,275
SAN FRANCISCO, N 20th Street bet. Missouri and Texas.
One-story auditorium at Daniel Webster School (steel frame) 57x92-ft.; to seat 400.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Low Bidder—Monson Bros., 475 Sixth Street.
Complete bids follow:

Monson Brothers	$42,219
F. C. Amoroso & Sons	42,868
C. L. Wold Company	45,266
Frank J. Reilly	49,231

Bids held under advisement.

Contracts Awarded
SCHOOL Cont. Price, $223,869
SAN FRANCISCO, Florida & Bryant. (Sunshine-Buena Vista School).
One - story reinforced concrete school (18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 500).
Owner—City and County of San Francisco.
Architects—M. J. Rist, Phelan Bldg.; Chas. F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market St.
Structural Engineer—H. J. Brunnier, Sharon Building.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Contractor—Anderson & Ringrose, 220 Market Street.
Electric—G. H. Armstrong, 1388 Van Ness Ave. South, $12,772.
Mechanical Equipment and Plumbing—Alta Electric & Mechanical Co., 467 O'Farrell St., $28,782.
Complete bids published Nov. 21.

Bids Wanted—To Close Dec. 14th, 8 P. M.
SCHOOL Cost, $45,422
DEL REY, Fresno Co., Calif.
One - story frame and stucco school building (six classrooms and auditorium to seat 500) tile roof, gas heating system, wood floors, etc.
Owner—Prairie School District.
Architect—Fred L. Swartz, Brix Bldg., Fresno.
Plans and specifications may be obtained from the Clerk of the Board of Trustees, Prairie School District, Del Rey, Calif.

BIDS WANTED
HAYWARD, Alameda Co., Calif.—Until Dec. 16, 8 P. M., bids will be received by Jacob Harder, Jr., Clerk, Hayward School District, 1074 C St., Hayward, for furnishing lumber to be used in the construction of the new John Muir School on Orchard Avenue and Soto Road, Hayward.
Specifications and proposal forms may be obtained from above office.

BIDS WANTED
DRY CREEK, Placer Co., Calif.—Until Dec. 14, 2:30 P. M., bids will be received by Mrs. Edith Lewis, Clerk, Dry Creek Joint School Dist., for materials as follows for the construction of a one-room and kitchen school in Dry Creek:
Cement, rock or gravel, sand, steel and iron, mason's and carpenter's iron work, lumber, brick, lime, composition roofing, millwork, plumbing pipes and fittings, heating boiler, oil burner, radiators, and piping, rough and finish hardware, plaster, glass, electric work, etc.
Plans and specifications may be obtained from Architect Charles Dean, California State Life Building, Sacramento.
Project being financed with WPA funds.

Bids Wanted—To Close December 14. 6 P. M.
HIGH SCHOOL Cost, $60,000
CEDARVILLE, Modoc Co., Calif.
One - story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St. Sacramento.
Bids will be received up to 6 P. M. on December 14 and opened at 8 P. M.

Contract Awarded.
ADDITION Cont. Price, $31,375
BAKERSFIELD, Kern County, Calif. Longfellow School.
Alterations and additions to Longfellow School (add one classroom, primary room and kindergarten, etc.)
Owner—Bakersfield School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Contractor — Williams & Greenough, Bakersfield.
Complete bids follow:

Williams & Greenough	$31,375
Opperman & Kampe	33,633
Henry Eissler	35,400
Fisher & McNulty, Fresno	35,494

All of Bakersfield unless otherwise noted

Bids Wanted—To Close December 18, 8 P. M.
GYMNASIUM Cost, $241,000
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium, and central heating plant.
Owner—Tulare High School District (W. B. Knokeyn, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.
Plans and specifications may be obtained from the architect and from the Supt. of Schools at Tulare.

Bid Opening Date Postponed Until Dec. 11, 4 P. M.
SCHOOL Cost, $135,000
MARIPOSA, Calif.
Additions to high school (conc. foundations, frame and stucco construction, tile roof, etc.)
Owner—Mariposa High School Dist.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Date was previously set for December 5, 4 P. M.

Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted—To Close December 14 10 A. M.
SCHOOL Cost, $43,645
HANFORD, Kings Co., Calif.
One-story reinforced concrete elementary school.
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg Fresno.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Opened.
SHOP & GARAGE Cost, $35,000
SEBASTOPOL, Sonoma Co., Cal. Sebastopol High School grounds.
One - story reinforced concrete shop and garage building.
Owner—Analy Union High School District (E. Best, Clerk).
Architect—Louis S. Stone and Henry C. Smith, 785 Market Street, San Francisco.
Low Bidder—A. Nelson Inc., 242 Ocean Ave., San Francisco.
Bids were taken as follows:
(1) Work complete, shop and garage including heating;
(2) Shop, including heating but omitting garage;
(3) Deduct for omitting heating.
Complete bids follow:

A. Nelson, Inc., S. F.	(1)	$45,941
	(2)	33,375
	(3)	5,300
Leibert & Trobock, San Rafael	(1)	47,640
	(2)	34,904
	(3)	49,425
Robt. McCarthy, S. F.	(1)	38,913
	(2)	5,000

Bids Opened.
MUSIC BLDG. $18,360
PETALUMA, Sonoma Co., Cal. Petaluma High School.
One-story frame and stucco music building at the high school (54x34 ft.) six practice rooms, storerooms for instruments, heating room, rest room, etc.
Owner—Petaluma High School Dist.
Architect—Brainerd Jones, 226 Washington St., Petaluma.
Low Bidder—Walter Singleton, Petaluma.
Complete bids follow:

Walter Singleton, Petaluma		$19,850
	(1) add	72
	(2) add	43
	(3) ded	875
	(4) ded	304
	(5) ded	150
	(6) ded	612
Vogensen Const. Co., Petaluma		20,465
	(1) add	122
	(2) ded	271
	(3) ded	978
	(4) ded	270
	(5) ded	100
	(6) ded	600

Recommendation has been made by the Board to the PWA that contract be awarded to Walter Singleton, at $19,468, accepting alternates one, four and five.

Bids Wanted—To Close December 16. 8 P. M.
SCHOOL Cost, $58,182
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar school (7 classrooms and assembly to seat 320).
Owner—Walnut Grove School District.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the architect and from the clerk of the board, Rose Figg, at Walnut Grove, upon deposit of $25.00.

Bids Rejected.

LIBRARY Cost $38,000
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Plans will be revised.
On bid opening lowest bid was submitted by Frank A. Stead, 3206 Boise St., Berkeley, at $48,000.
Complete bids published Dec. 2d.

Bids Wanted—To Close Dec. 12, 8 P.M.

SCHOOL Cost, $110,000
SALINAS, Monterey Co., Calif.
One - story wood frame school building (11 classrooms and auditorium to seat 600; gymnasium with steel trusses and columns).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St. Salinas.
Plans and specifications may be obtained from the Secretary, Salinas National Bank Bldg., Salinas, upon deposit of $20.00.

BIDS WANTED

CONCORD, Contra Costa Co., Cal.—Until December 16, 8 P. M., bids will be received by Nina E. Bancroft, Clerk, Mt. Diablo Union High School District, for furnishing and installing equipment and linoleum for the Mt. Diablo High School.
Bids are being taken as follows:
Item 1: To furnish and install 320, more or less, single pedestal desks with study tops, bases to have a floor contact at least 10½ inches wide and 14 inches long. These desks are to be distributed in eight rooms, five rows in a room and eight desks in each row.
Item 2: To furnish and install 256 steel single row double tier lockers, more or less, as required in spaces already provided in the new classroom building. Size 12 inches wide, 15 in. deep, and 36 in. high. Each locker to be equipped with S540 Built-In Combination Master Keyed Dudley (or equal) Lock| Two master keys are to be furnished.
Item 3: Linoleum.
Specifications and bid blanks for linoleum may be obtained from Architect W. H. Weeks, 525 Market St., San Francisco, or at the office of the Principal of the high school, concord.

BIDS REJECTED

TEMPE, Ariz. — Arizona State Teachers' College, Tempe, rejected all bids received November 15 for the construction of a women's dormitory on the college campus in Tempe, a PWA project. The job will be re-advertised at an early date. Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, are the architects.
On bid opening lowest bid was submitted by H. Mayson, Los Angeles, at 151,500.

Bids Wanted—To Close December 12, 8 P. M.

ADDITION Cost, $32,727
CLARKSBURG, Yolo Co., Calif.
Addition to high school.
Owner—Clarksburg Union High School District.
Architect—Harry Devine, Cronan Bldg Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted—To Close December 14, 2 P. M.

SCHOOL Cost, $37,795
LOS BANOS, Merced Co., Calif.
One - story reinforced concrete elementary school.
Owner—Los Banos Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Plans and specifications may be obtained from Robert L. Puccinelli, Clerk, Los Banos School District, and from the architect.
Bids will be opened in Room 9, Los Banos Grammar School.

Contract To Be Awarded.

SHOP Cont. Price, $16,989
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building (128x70 ft.) will contain woodwork shop, 57x38 ft., metal work, mechanical drawing, printing, classwork and storage.
Owner—Fort Bragg Un. High School District.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.
Contractor—Independent Constr. Co., 549 Fell St., San Francisco.
Complete bids published Nov. 25.

Bids Opened.

LIBRARY Cost. $56,982
SUNNYVALE, Santa Clara Co., Cal.
One-story reinforced concrete library and swimming pool (tile roof).
Owner—Fremont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Low Bidder — Carl N. Swenson 355 Stockton Ave., San Jose.
Complete bids follow:
(1) Add for plumbing and heating.
Carl N. Swenson, San Jose.....$44,818
(1) 9,215
(Alt. 1-a) add 745
Villadsen Bros., Piedmont..... 45,800
(1) 9,300
Nommenson Bros., San Jose..... 46,875
(1) .....
*J. D. Carlsen, San Jose..... 56,714
(Alt. 1-a) add 63
*Plumbing and heating included.
Bids referred to PWA for award.

Bids Wanted—To Close December 13, 9:00 A. M.

JUNIOR COLLEGE Cost, $100,000
REEDLEY, Fresno Co., Calif.
New Junior College.
Owner — Reedley Joint Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Plans and specifications may be obtained from the architect and from the Clerk of the Board, Wm. P. Hartley.

Bids Wanted—To Close Dec. 12, 7 P. M.

HIGH SCHOOL Cost $69,890
CAMPBELL, Santa Clara Co., Calif. Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner—Campbell High School District (Mrs. Louis Shelley, clerk).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Bids will be received until 7 P. M. and opened at 8 P. M. on Dec. 12th.
Plans and specifications may be obtained from the architects upon deposit of $20.00.

Bids Wanted—To Close Dec. 14, 2 P. M.

GYMNASIUM Cost $50,900
TUOLUMNE, Tuolumne Co., Calif..
One-story reinforced concrete high school gymnasium.
Owner — Summerville High School District.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

Bids Opened.

LIBRARY Cost, $38,000
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system)
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Low Bidder — Frank A. Stead, 3206 Boise St., Berkeley.
Complete bids follow.
(1) deduct for omitting heating system.
Frank A Stead, Berkeley $48,000
(1) 500
W. E. Lyon Const. Co., Oakland 53,200
625
Lindgren & Swinerton, S. F. 54,318
(1) 590
Fred J. Early Jr., S. F. ... 57,283
(1) 600
Bids referred to City Manager.

Bids Wanted—To Close December 13, 8 P. M.

ALTERATIONS Cost, $30,000
DAVIS, Yolo Co., Calif.
Alterations to grammar school (repair auditorium, etc.)
Architect—Starks & Flanders, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architects and from Gus A. Haussler, Clerk of the District.
Bonds in the amount of $19,000 will be sold at 2 P. M., December 12.

Bids Wanted—To Close Dec. 12, 8 P.M.

JUNIOR HIGH Cost, $120,000
SALINAS, Monterey Co., Calif.
One-story wood frame junior college and gymnasium with steel columns and trusses.
Owner—Salinas Un. High School Dist. (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Plans and specifications may be obtained from the Secretary, Salinas National Bank Bldg., Salinas, upon deposit of $20.00.

Bids Wanted—To Close Dec. 12, 8 P.M.

IMPROVE SCHOOL Cost, $35,000
SALINAS, Monterey Co., Calif.
Structural change to domestic science building of the Salinas Union High School (wood frame construction, steel columns and trusses).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Plans and specifications may be obtained from the Secretary, Salinas National Bank Bldg., Salinas, upon deposit of $20.00.

Bids Wanted—To Close Dec. 13, 8 P. M.

GYMNASIUM Cost, $27,610
HILMAR, Merced Co., Calif.
One-story frame and stucco gymnasium.
Owner—Elim Grammar School District (L. C. Anderson, Clerk).
Architect—Chas. Dean, California State Life Building, Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Wanted — To Be Opened Dec. 18, 8 P. M.

LIBRARY UNIT Cost, $125,000
SACRAMENTO, Calif. Junior College Campus.
Brick library building (1st unit of Junior College annex).
Owner—Sacramento School District.
Architect—Harry J. Devine, Cronin Building, Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Plans for the geology and commercial building (second unit) will be ready for bids in about three weeks.

CONTRACT AWARDED

SAN FRANCISCO—R. S. Silverberg, 405 Montgomery St., at $322 awarded contract by Department of Public Works for structural steel and concrete floors in the Mayor's Chambers in the City Hall.

16—BANKS, STORES AND OFFICES

Pile Foundation Bids Wanted—To Close Dec. 24, 2 P. M.

OFFICE BLDGS. Cost, $1,200,000
SACRAMENTO, Sacramento Co., Cal. South N St. bet. 11th and 12th Sts., and South N Street bet. 12th and 13th Sts.
Two 4-story reinforced concrete office buildings (steam heating systems, air conditioning system, etc.)
Owner—State of California.
Architect—Geo. E. McDougall, State Architect, Public Works Building, Sacramento.

Plans and specifications for the pile foundations may be obtained from the above office upon deposit of $25.00. Bids on the general work will be asked shortly.

Building on N Street bet. 11th and 12th Sts., will house the Public Works Offices, and offices of the motor vehicle department will be housed in the building on N St. bet. 12th and 13th.

Planned.

ALTERATIONS Cost, $25,000
MARYSVILLE, Yuba Co., Cal. Third and D Streets.
Alterations to store and office building (new front, etc.) (known as the Cohn Building).
Owner—Cheim Estate, Marysville.
Architect—Not Given.

Further details will be announced at a later date.

To Be Done By Day's Work.

STORE Cost, $3000
OAKLAND, Alameda Co., Cal. No. 5754 Foothill Blvd.
One-story frame store building.
Owner—E. J. Saake, 524 44th Street, Oakland.
Architect—Not Given.

To Be Done By Day's Work.

ALTERATIONS Cost, $3000
SAN FRANCISCO. No. 182 Third St.
Alterations to restaurant.
Owner—T. Kerhulas, Premises.
Architect—Not Given.

Planned.

BUILDING Cost, $——
EUREKA, Humboldt Co., Cal. Seventh St., bet. F and G Sts.
New medical building.
Owner—Dr. O. R. Myers, Eureka.
Architect—Not Given.

Further detailts will be announced at a later date.

Contract Awarded.

STORE Cost, $2250
SANTA CRUZ, Santa Cruz Co., Cal. No. 15 Mission Street.
One-story frame store building (20x 50 feet) stucco exterior, tile trim, plate glass windows, composition roof, etc.
Owner — Lease & Wettstein, Santa Cruz.
Architect—Not Given.
Contractor — Hamilton & Church, Santa Cruz.

Contract Awarded

ALTERATIONS Cost, $1,500
SAN FRANCISCO, 126 Sutter Street.
Alterations for restaurant.
Owner—Bostonian Club, premises.
Architect—A. B. Williams, 152 Post.
Contractor—Woodcraft Mfg. Co., 45 Hallam Street.

Contract Awarded.

BUILDING Cost, $73,143
WENATCHEE, Washington.
State Highway Building.
Owner—State of Washington.
Architect—Not Given.
Contractor—West Coast Constr. Co., Lloyd Bldg., Seattle.
Plumbing and Heating—Hastorf, Inc., 735 S. E. Morrison St., Portland, $15,386.
Electricity—Ne Page McKenny, 804 6th St. So., Seattle, $6250.

Contract Awarded

ADDITION Cost, $16,500
OAKLAND, Alameda Co., Calif. 1148 East 18th Street.
Two-story brick addition to building.
Owner—M. Wheatley, 1148 E 18th St., Oakland.
Architect—W. E. Milwain, 1503 Oakland Ave., Piedmont.
Contractor—A. T. Beckett, 224 Scenic Ave., Piedmont.

Contract Awarded.

AUTO BLDG. Cost, $——
SALINAS, Monterey Co., Cal. No. 235 Monterey Street.
One-story automobile sales and service building (fireproof construction) display rooms, service and repair department, etc.
Owner—Jack Prader, Salinas.
Architect—Not Given.
Contractor—Sam Trondhjem, 15 Gail St., Salinas.

Bids Opened.

STORE Cost, $15,000
SAN JOSE, Santa Clara Co., Cal. Post Street and Almaden Avenue.
One-story reinforced concrete store building.
Owner—William Berger.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Low Bidder — Guy M. Latta, 157 Rhodes Court, San Jose.
Complete bids follow:

G. M. Latta	$ 9,482
H. A. Brakes	9,675
B. Ward & Son	9,988
E. Nommenson	10,037
J. S. Newell	10,224

BIDS WANTED

STOCKTON, San Joaquin Co., Calif. —Until December 10, 7:30 P. M., bids will be received by Roberts Union Farm Center, Inc., 110 E. Miner Ave., Stockton, for building community hall and Farm Center Building in Stockton.

Plans and specifications may be obtained from I. N. Robinson, Rt. 5, Box 87-X, Stockton, and from L. W. Moran, Rt. 5, Box 176, Stockton, upon deposit of $25.

Conutract Awarded.

ADDITION Cost, $6000
SAN JOSE, Santa Clara Co., Cal. No. 763 The Alameda.
Addition to building.
Owner—F. H. Boynton.
Architect—Not Given.
Contractor—F. O. Bohnett, Campbell, Calif.

Planned.

ALTERATIONS Cost, $——
HEALDSBURG, Sonoma Co., Cal.
Alterations for department store.
Owner—J. C. Penney Co., Market St. near Fifth, San Francisco.
Plans by Engineering Dept. of Owner.

Further details will be announced at a later date.

Construction Postponed Indefinitely.

BANK Cost, $20,000
DALY CITY, San Mateo Co., Calif.
One-story and basement reinforced concrete bank building.
Owner — Capital Co., 625 Market St., San Francisco.
Plans by Architectural Dept. of Owner Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded.

ALTERATIONS Cost, $1500
OAKLAND, Alameda Co., Cal. No. 1611 Telegraph Avenue.
Alterations to store building.
Owner—Moss Stores, Inc., 833 Market St., San Francisco.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St., San Francisco.

Contracts Awarded.

BUILDING Cost, $98,729
VANCOUVER, Washington.
State Highway Building.
Owner—State of Washington.
Architect—Not Given.
Contractor — H. C. Boyer & Son, Olympia, Washington.
Plumbing and Heating—Hastorf, Inc., 735 S. E. Morrison St., Portland, Oregon, $20,538.
Electric—NePage - McKenny Co., 804 6th St., South, Seattle, $7795.

Contract Awarded.

ALTERATIONS Cost, $5,000
SAN FRANCISCO, Calif. 187 Shipley Street.
Alterations to commercial building.
Owner—Wells Fargo Bank & Union Trust Co., Market & Montgomery Sts.
Engineer—Alfred P. Fisher, 111 Sutter St.
Contractor—Alfred P. Fisher, 111 Sutter Street.

To Ask Bids Shortly.

ALTERATIONS Cost, $——
STOCKTON, San Joaquin Co., Calif. No. 24 North Sutter Street.
Alterations for branch and office bldg.
Owner—Amerfican Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded.

ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 552 Broadway.
Alterations to store building.
Owner—Mrs. Julia Devencenzi, 1739 Mason Street.
Architect—Not given.
Contractor—A. B. Murray, 1055 Mission Street.

Sub-Contracts Awarded.

STORE Cost, $7500
PLACERVILLE, Eldorado Co., Calif.
One-story brick store building (28x 100 feet) two stores, composition roofing, steel sash, concrete floors with linoleum covering, etc.
Owner—Mason J. Meredith.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Frank Schmershal, Box 129, Placerville.
Roofing—Sacramento Roofing Co.
Electric Wiring—James Wyant.
Tile—Fisher Tile Company.
Glass—George Cole.
Brick Work—Henry Redmond.
Lathing and Plastering—Frank Schmershal.
Lumber—Sterling Lumber Co.
Reinforcing Steel and Structural Steel Palm Iron Works.
All bidders of Sacramento.

19—MISC. CONSTRUCTION

Contract Awarded.

ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 1465 Valencia Street.
Alterations to funeral home.
Owner—Suhr & Wieboldt, 1465 Valencia Street.
Architect—Not given.

Contractor—H. E. Rahlmann Co., 251 Keary Street.

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—Colberg Boat Works, Stockton and West Lindsay Sts., Stockton, at $4980 awarded contract by the San Joaquin County Board of Supervisors for the construction of a ferry boat.

The low bid of the General Engineering & Drydock Co., San Francisco, at $4765 was ruled technically incorrect.

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—M. J. Lynch, Oakdale and Barnevald Aves., San Francisco, at $4,155 awarded the contract by Public Utilities Commission, City Hil, under Spec. No. W. D. 95, for the construction of the Calaveras Chlorinating Plant and extension to the Irvington Chlorinator bldg.

New Bids Wanted—To Close Dec. 10 8 P. M.

MUSEUM, ETC. Cost, $——

Two-story and basement museum and community house (77x150 feet).

Owner—John Vert Community Assn.

Architect—Jones & Marsh, Woodlark Bldg., Portland.

Bids will be received by the City Recorder.

On previous bid opening lowest bid was submitted by Wm. and L. L. Quigley, 4316 SE Ash St., Portland, at $196,635.

To Be Done By Day's Work.

ADDITION Cost, $200,000

OAKLAND, Alameda Co., Cal. Foot of Adeline Street.

Extension to floating dry dock (all wood construction, electric pumps etc. Capacity of 9000 tons). (Dry Dock No. 5).

Owner—Moore Dry Dock Co. (Joseph A. Moore, President), Oakland.

Plans by Engineering Dept. of Owner. Work will be done by day's labor by owner's own forces.

New Bids Wanted—To Close Dec. 10, 2 P. M.

YACHT HARBOR Cost, $350,000

SAUSALITO, Marin Co., Calif.

Erect eight buildings, shipyard and steel fencing.

Owner—Golden Gate Yacht Harbor, Ltd., 897 Mills Bldg., San Francisco (Albert Van Der Werth, President).

Architect — Angus McSweeney (Willis Polk & Co.) 277 Pine Street, San Francisco.

Complete bids published July 30.

Planned.

ADDITIONS Cost, $150,000

ASTI, Sonoma Co., Calif.

Improvementts at Dude Ranch (work involves remodeling clubhouse, new cocktail lounge, some new buildings, painting, tennis courts, etc.)

Owner—James J. O'Brien, Idaho and Montana.

Architect—Not Given.

Bids Opened

LIVESTOCK BLDG. Cost, $640,000

SAN MATEO COUNTY, Cal. Visitacion Valley, South McLaren Park (54-acre tract).

One - story reinforced concrete and steel livestock bldg. (steel trusses; horse show arena, 300x400 feet; clear truss span over entire area, stadium to seat 10,000, flanked on each side by horse stall units (300 stalls) stadium portion height will be 100 ft. with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)

Owner—Agricultural District 1-A.

Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

Low bids follow:

Work Complete—MacDonald & Kahn, Financial Center Bldg., San Francisco, $936,639.

Segregated General—Barrett and Hilp, 918 Harrison St., San Francisco, $648,000.

Mechanical Equipment Alta Elec and Mechanical Co., 467 O'Farrell St., San Francisco, $26,821.

Electric—American Electric Construction Co., 462 Bryant Street, San Francisco, $29,952.

Structural Steel—McClintic - Marshall Corp., 20th and Illinois Sts., San Francisco, $154,700.

Stadium Seats — Heywood Wakefield Co., 180 New Montgomery Street, San Francisco, $24,660.

Complete bids follow:

(1) Add for mezzanine in North Wing
(2) Add for mezzanine in South Wing
(3) Deduct for omitting portion of the South Wing;
(4) do;
(5) do.

Work Complete

MacDonald & Kahn, S. F.		$936,639
	(1)	5,400
	(2)	5,400
	(3)	9,500
	(4)	30,000
	(5)	56,000
Block of 1000 stadium seats		2,822
Clinton Const. Co., S. F.		$960,000
	(1)	6,000
	(2)	6,000
	(3)	8,000
	(4)	27,000
	(5)	51,000
Block of 1000 stadium seats (ea.)		3.00

Segregated General

Barrett & Hilp, S. F.		$648,000
	(1)	1,000
	(2)	1,000
	(3)	6,000
	(4)	16,000
	(5)	32,000
MacDonald & Kahn, S. F.		$679,976
	(1)	4,600
	(2)	4,600
	(3)	5,000
	(4)	18,000
	(5)	33,000
Clinton Const. Co., S. F.		$710,000
	(1)	5,000
	(2)	5,000
	(3)	6,300
	(4)	17,000
	(5)	30,000

Mechanical Equipment

Alta Electric & Mechanical Co., San Francisco		$26,821
	(1)	710
	(2)	710
	(2)	278
	(4)	2,367
	(5)	4,293
Scott Co., San Francisco		$33,457
	(1)	525
	(2)	525
	(3)	189
	(4)	1,968
	(5)	3,988
Anderson & Rowe, S. F.		$33,922
	(1)	496
	(2)	496
	(3)	361
	(4)	2,917
	(5)	3,069
Herman Lawson, S. F.		$34,900
	(1)	560
	(2)	560
	(3)	325
	(4)	2,343
	(5)	4,184
Howe Bros., Los Angeles		$37,794
	(1)	583
	(2)	583
	(3)	866
	(4)	3,960
	(5)	5,172
F. W. Snook, San Francisco		$39,550
	(1)	541
	(2)	541
	(3)	1,122
	(4)	1,375
	(5)	4,792
J. A. Fazio, Oakland		$47,645
	(1)	1,260
	(2)	1,260
	(3)	576
	(4)	2,143
	(5)	3,328

Electric

American Electric Const. Co., San Francisco		$29,952
	(1)	248
	(2)	248
	(3)	360
	(4)	1,356
	(5)	2,390
Alta Electric & Mechanical Co., San Francisco		$30,750
	(1)	127
	(2)	127
	(3)	336
	(4)	706
	(5)	2,380
Chas. A. Langlais, S. F.		$32,748
	(1)	164
	(2)	164
	(3)	479
	(4)	1,001
	(5)	3,086
Globe Elec. Co., S. F.		$35,210
	(1)	140
	(2)	140
	(3)	172
	(4)	705
	(5)	1,925
Abbett Electric Co., S. F.		$35,749
	(1)	162
	(2)	162
	(3)	290
	(4)	830
	(5)	2,257

Structural Steel

McClintic - Marshall Corp. San Francisco		$154,700
	(3)	3,300
	(4)	8,500
	(5)	13,500
Virginia Bridge & Iron Works, Los Angeles		$160,000
	(1)	3,200
	(2)	7,200
	(3)	12,600
Steel Const. Co., Birmingham, Alabama		$162,500
	(1)	2,950
	(2)	7,925
	(3)	14,410
Judson Pacific Co., S. F.		$165,256
	(1)	3,250
	(2)	7,560
	(3)	14,582

Stadium Seats

(1) Block of 1000 seats.
(2) Lump sum.

Heywood Wakefield Co., San Francisco	(1)	$ 2,740
	(2)	24,660
American Seating Co. S. F.	(1)	2,890
	(2)	26,010

Bids held under advisement.

Bids exceeded the amount of funds available and project will probably be readvertised.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

OAKLAND, Calif.—U. S. Pipe and Foundry Corp., Monadnock Bldg., at $39,265 (lump sum bid on basis of being awarded complete job) submitted the only bid received by the East Bay Municipal Utility District, Oakland, under Spec. No. 160, for furnishing 30,000 l.f. of cast iron pipe in 8- 10- 12- and 16-in. diameters.

Unit bids follow:

(1) 8-in. pipe, $20,700.00.
(2) 10-in. pipe, $ 3,642.50.
(3) 12-in. pipe, $11,280.00.
(4) 16-in. pipe, $ 4,065.00.

Bid held under advisement.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION SERVICE

BOULDER CITY, Nevada.—Until December 23, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 753-D, for furnishing and delivering f.o.b. cars at shipping point and/or Boulder City, fabricated pipe, fittings, and valves for headers on the Arizona side of the Boulder Power Plant, Boulder Canyon Project. Materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1.50 not returnable.

MESA, Arizona.—Until December 15, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 751-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Mesa, motors, replacement parts, and gate position indicators for alterations to nine radial gates and hoists now installed in the spillway of the Stewart Mountain Dam, Salt River Project, Arizona. All materials and equipment will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.50 not returnable.

MONTROSE, Colorado.—Until December 16, 2 p. m., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 752-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Montrose, Colorado, structural steel supports for five metal flumes, Uncompahgre Project, Colorado. The supports and appurtenances will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $0.75 not returnable.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment, as follows:

LATHE, motor-driven, toolmaker's; Mare Island. Sch. 6502; Dec. 3.
SHOVELS, 600, Mare Island; 540, Puget Sound. Sch. 6492; Dec. 3.
AMYL-ACETATE, 18,500 lbs. liquid; and 15,000 lbs. liquid menthanol; Mare Island. Sch. 6541; Dec. 6.
CABLE, 12,700 ft. flame-proof; Mare Island and Puget Sound. Sch. 6543; Dec. 6.
STEEL, 11,840 lbs. corrosion-resisting sheet; Mare Island and Puget Sound. Sch. 6555; Dec. 10.
HOES, 672, garden; Mare Island. Sch. 6552; Dec. 10.
PUMP, 1 main generator engine lubricating oil pump, motor - driven, control appliances, and spares; Mare Island. Sch. 6499; Dec. 10.
STERILIZERS, 3, combination, electrically heated; Mare Island. Sch. 6571; Dec. 10.
PLUGS, 2500 shielded telephone; Mare Island. Sch. 6578; Dec. 13.
HEADPHONES, 200, high resistance, and 280 telephone headlines; Mare Island. Sch. 6579; Dec. 13.
BATTERIES, 380, raido storage; Mare Island. Sch. 6580; Dec. 13.
ALLOY, 15,000 lbs. nickel-chromium, rod; Mare Island. Sch. 6560; Dec. 10.
IRON, 50 tons foundry pig; Mare Island. Sch. 6584; Dec. 10.
VALVES, 650 composition and 1,450 bronze; Mare Island. Sch. 6605; December 13.
FILTERS, 6 fuel oil meters and 3 fuel oil filters; Mare Island. Sch. 6603; December 13.
CABLE, 12,250 ft. interior communication; 6,750 ft. lighting and power; 13,625 ft. do; 13,500 ft. telephone cable and 28,000 feet bell cord; Mare Island. Sch. 6606. Dec. 13.
TUBES, 4,500 steel boiler; Mare Island and Puget Sound. Sch. 6596; December 13.
PUMPS, 6 motor-driven fuel oil, and spares; Mare Island. Sch. 6602; December 13.
GRINDERS, 8 electric, 1-hp.; Mare Island. Sch. 6609; Dec. 17.

Information obtainable from above office and from Headquarters, 12th Naval Dist., 100 Harrison Street, San Francisco.

TULARE COUNTY

VISALIA, Tulare County.—Until December 9, 7:30 p. m., bids will be received by the Board of Trustees of the Visalia Union High School District, E. E. Baker, Clerk, in the High School Bldg., for furnishing one school bus with chassis and body complete, either transit bus chassis or conventional type, 90 h.p. motor, body capacity to seat 49 high school pupils.

Specifications obtainable from the above office.

TULARE COUNTY

PORTERVILLE, Tulare Co., Cal.—Until December 12, 7 P. M., bids will be received by the Porterville City Council, W. R. Means, City Clerk, 309 Putnam Ave., Porterville, for furnishing:

(1) 2,000 l.f. 15-in. vit. sewer pipe;
(2) 1,500 l.f. 21-in. do.

Specifications obtainable from above office.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Dec. 10, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Proposal No. 1105-36-87, for furnishing and delivering miscellaneous castings, etc.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Dec. 13, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, 208 Post Office Bldg., Sacramento, under Bid No. 36-99, for furnishing three engineers' transits.

Specifications obtainable from above office.

FORT MASON—Until December 17, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-140, for furnishing:

(1) 120 claw hammers, 16 oz. bell faced
(2) 264 axe handles, hickory, single bitt, 36-in. long.
(3) 312 claw hatchet handles, hickory, 14-in. long.
(4) 216 sledge handles, hickory, 36-in. long.
(5) 168 flat files, bastard, 10-in. long.

Specifications obtainable from the above office.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until Dec. 9, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3014: fob bidder's shipping point and/or Del Rosa: 200 complete stove units.
BID NO. 3005: fob Government Island: Wrought iron pipe and miscellaneous fittings.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until December 9, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3004, for furnishing:

(1) 5,000 carriage bolts, galvanized;
(2) 3,000 crossarm bolts;
(3) 1,000 double arming bolts;
(4) 3,000 crossarm braces;
(5) 2,000 guy hooks;
(6) 5,000 crossarm pins, steel, hot galvanized;
(7) 10,000 lag screws, hot galvanized.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until December 9, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, under Bid No. 3010, for furnishing 36 steel straight edges, nickel plated, with square edges, 36-in.

Delivery fob Government Island.

Specifications obtainable from above office.

SAN BERNARDINO CO.

COLTON, San Bernardino Co., Cal.—Until Dec. 9, 7:30 P. M., bids will be received by the Colton city council for furnishing the following supplies and materials:

(1) 7304 ft. 6-in., 14-gauge, double dipped welded steel pipe;
(2) 1888 ft. 4-in., 14-gauge, do;

Mrs. Olive Philips, city clerk. L. E. Newcomer, city engineer.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Dec. 9, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1486, for furnishing paints, painters' supplies, lacquer, enamel and glass for the term Jan. 1, 1936 to April 30, 1936.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excave.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

BIDS OPENED

SANTA BARBARA COUNTY, Cal.—Parish Bros., 1222 N. Gower St., Los Angeles, at $12,425.50 submitted low bid to the State Highway Commission, Sacramento, for an extension to a reinforced concrete girder bridge on Las Positas Road over the tracks of the Souther Pacific Company at Santa Barbara.

The work involves:

(1) 1 only existing bridge to be removed nd disposed of;
(2) 13 M. gals. water;
(3) 250 c.y. rdwy. excav., unclass.;
(4) 1,200 c.y. imported borrow;
(5) 180 c.y. struc. excav.;
(6) 2 stations finishing rdwy.;
(7) 120 tons crusher run base;
(8) 40 ton screenings (armor coat);
(9) 1.5 tons liquid asphalt 95 plus (armor coat);
(10) 51,000 lbs. bar reinf. steel;
(11) 345 c.y. Class A Port. cem. conc.;
(12) 200 l.f. hand rail;
(13) 94 l.f. timber guard rail;
(14) 1 lot misc. items of work.

Total bids follow:

(A) Parish Bros., Los Angeles $12,425.50
(B) Robert D. Paterson, Santa Barbara 13,458.41
(C) D. A. Loomis, Glendale.. 15,370.50

Unit bids follow:

	(A)	(B)	(C)
(1)	300.00	500.00	425.00
(2)	3.50	1.00	4.90
(3)	1.00	.80	.61
(4)	.75	.70	.87
(5)	1.00	1.25	1.82
(6)	15.00	5.00	12.00
(7)	2.50	2.22	2.60
(8)	2.50	3.38	2.60
(9)	50.00	30.74	18.00
(10)	.045	.05	.052
(11)	18.20	20.50	22.00
(12)	6.00	6.15	6.66
(13)	1.50	1.00	1.00
(14)	155.00	150.00	1025.00

BIDS OPENED

SACRAMENTO COUNTY, Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $36,026.25 submitted low bid to the State Highway Commission, Sacramento, for widening the existing undergrade crossing at 16th St. in Sacramento.

The work involves:

(1) 400 c.y. exis. concrete to be removed;
(2) 2,500 c.y. struc. excav.;
(3) 155 tons asphalt concrete;
(4) 820 c.y. Class A Portland cement concrete;
(5) 4 c.y. Class F Portland cement concrete (ralling);
(6) 115 sq. yds. plaster;
(7) 26,000 lbs. relnf. steel;
(8) 47,000 lbs. struc. steel;
(9) 1,200 lbs. cast steel;
(10) 1 lot aluminum flood gates;
(11) 1 only metal door;
(12) 3,340 l.f. furnishing treated Douglas fir piles, incl. test piles;
(13) 32 each driving do;
(14) 190 l.f. 8-in. perf. metal pipe underdrains;
(15) 230 l.f. pipe handrail;
(16) 500 l.f. temporary railing;
(17) 50 l.f. stone drains;
(18) 1 lot electrical equip.;
(19) 1 lot misc. items of work.

Total bids follow:

(A) Lord & Bishop, Sacramento $36,026.25
(B) Chas. Kuppinger, Lakeport 39,007.00

Unit bids follow:

	(A)	(B)
(1)	$ 6.00	$ 10.00
(2)	1.50	2.00
(3)	6.50	8.00
(4)	18.50	18.00
(5)	60.00	50.00
(6)	1.25	1.50
(7)	.05	.045
(8)	.055	.055
(9)	.15	.18
(10)	4500.00	4500.00
(11)	225.00	250.00
(12)	.70	.65
(13)	20.00	25.00
(14)	.80	1.50
(15)	.50	.75
(16)	.75	1.00
(17)	.50	1.00
(18)	450.00	500.00
(19)	500.00	500.00

22—DREDGING, HARBOR WORKS, EXCAVATION

November 27, 1935

BIDS WANTED

RICHMOND, Contra Costa Co., Cal.—Until December 9, 8 P. M., bids will be received by Richmond City Council, A. C. Faris, City Clerk, for repairs to the fender system and dolphins at Wharf No. 2, and replacement of piling. Estimated cost, $7,800.

Plans and specificatrons obtainable from City Engineer E. A. Hoffman, City Hall, upon deposit of $5.00.

NEW BIDS WANTED

SAUSALITO, Marin Co., Calif.—Until Dec. 10, 2 P. M. (bids to be opened at 3 P. M.) bids will be received by Golden Gate Yacht Harbor, Ltd., Albert Von Der Werth, President, 897 Mills Bldg., San Francisco, for constructing piers, bulkheads, dolphins, marine railway, foundations, dredging, filling and pavement for the yacht harbor at Shelter Cove, Sausalito.

Work involves:

(1) Constructing all the work called for in plans and specifications, except dredging, fill and pavement (lump sum);
(2) 8,000 c.y. dredging between 6-ft. contour and the bulkhead;
(3) 16,000 c.y. dredging channel areas
(4) 36,000 c.y. deposit dry fill in area back of bulkhead;
(6) 4,200 sq. ft. laying cement pave.;
(7) Deduct for ea. l.f. sheet steel pile omitted;
(8) Deduct for each unit of one brace pile and 1 wave baffle slab omitted.

Contract will include construction of about 1,000 lin. ft. pier, concrete deck, supported on timber piling, concrete jacketed, with concrete baffleboard; 1600 l.f. wharf, timber deck supported on treated timber pile; 880 l.f. steel sheet pile bulkhead; marine railway of 350-ton capacity.

Complete bids published July 20. 22

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street

Sacramento :: California

BIDS OPENED

SACRAMENTO, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $2.60 per ton, total $5450 submitted the only bid received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Sacramento, under Eid No. 36-85, for furnishing 2100 tons of rip-rap stone and delivering either by barge or by truck along the easterly bank of the Sacrameto River just above colusa Weir and approximately 2.5 miles upstream from Colusa, to be unloaded at points along the bank as designated by the contracting officer. 22

23—IRRIGATION PROJ.

November 29, 1935

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until December 13, 3 P. M., bids will be received by the Modesto Irrigation District, C. S. Abbott, Secretary of the Board of Directors, 823 11th St., for the construction of 2-inch concrete lining and reinforced concrete outlet headwalls in the canals and laterals of the District.

Plans and specifications obtainable from the above office.

Bids on this contract were previously called for November 13 but no bids were received at that time. 23

BIDS OPENED

STANISLAUS COUNTY, Cal.—Clyde Wood, Box 49, and M. J. Bevanda, Elks Bldg., Stockton, pointly, at $180,027, as previously reported, submitted low bid to the West Stanislaus Irrigation District, Westley, for approximately 2,000,300 sq. ft. of concrete canal lining in lateral ditches of the District.

The work involves:

Contract 1046-A: 653,700 sq. ft. in Lateral Ditches 4, 5 and 8 north.
Contract No. 1046-B: 665,600 sq. ft. in Lateral Ditches 6 and 5 south.
Contract No. 1046-C: 681,000 sq. ft. in Lateral Ditches 4 and 3 south and 3 north.

Complete total bids follow:

Clyde Wood & M. J. Bevanda, Stockton, $180,027.00.
N. M. Ball Sons Co., Berkeley, $190,028.50.
Union Paving Co., San Francisco $206-030.90.
Bodenhamer Const. Co., Oakland $225-032.75.
A. Teichert & Son, Inc., Sacramento, $236,035.40.

Barrett & Hilp, San Francisco, $249,037.35.

Following partial bids were submitted:

Stewart & Nuss, Inc., Fresno, Contract No. 1046-B: $0.1375 per sq. ft., total $91,520.

Samuel Eyre, Tracy, Contract No. 1046-C: $0.1045 per sq. ft., total $71,164.50.

All bids referred to the PWA.

The PWA has allotted a grant of 45% of the total cost, which was estimated at $220,000.

Elbridge Smith is secretary of the District.

W. F. Wooley is engineer of the district.

24— STREET LIGHTING

BIDS WANTED

SAN FRANCISCO.—Until Dec. 17, 3 P. M., lump sum bids will be received by the Public Utilities Commission, Room 287, City Hall, under Airport Contract No. 36, for the construction of a lighting system for landing field extension, San Francisco Airport.

The work consists of the removal of the existing lighting units and cable now located between the present landing field and the field extension to be illuminated; construction of 15 new white and green boundary light units; construction of 15 obstruction lights located on top of levee and adjacent to boundary light units; construction of one concrete transformer vault and appurtenant work; furnishing and installing two floodlighting units on top of the transformer vault; installation of wiring and cable to connect the floodlights with transformer, to connect the boundary lights to be installed with the existing boundary light cables and to the transformer vault, and to connect the obstruction lights to be installed with adjacent boundary lights, and moving one existing floodlight.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason Street, upon deposit of $10.

BIDS WANTED

SAN FRANCISCO—Until December 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Bid No. 1474, for furnishing ninety 20-ft. metal street lighting standards.

Specifications obtainable at above office.

25—MACHINERY AND EQUIPMENT

BIDS OPENED

OAKLAND, Calif. — Dealers Truck Equipment Co., 540 Fallon St., Oakland, at $2364.80 net, submitted low bid to the East Bay Municipal District John Kimball, Secretary, Oakland, under Informal Proposal No. 698, for furnishing five 2½ cubic yard dump bodies.

Gar Wood Industries, San Francisco, at $2,663.40 net, submitted the only other bid.

BIDS OPENED

SACRAMENTO, Calif.—Paul Entremont, Colusa, at $1.75 each per hour submitted low bid to the U. S. Engineer Office, Sacramento, under Bid No. 36-96, for furnishing and operating two dump trucks for approximately 200 hours, and performing all work for hauling earth and cobbles loaded into them by dragline and dumping it as directed by the contracting officer at the site of work near Colusa Weir, about three miles north of Colusa.

Complete bids follow:

Paul Entremont, Colusa, $1.75 per hour;

Hemstreet & Bell, $2.40 each per hour;

J. R. Reeves, Sacramento, $2.40;

Eugene Della Rosa, Martinez, $2.50;

Rock & Gravel Trucking Co., Oakland, $2.53;

D. Mankel, Sacramento, $3.

Bids held under advisement.

BIDS OPENED

SACRAMENTO, Calif.—Lord & Bishop, Native Sons Bldg., Sacramento, at $5 per hour, total $600, submitted low bid to the U. S. Engineer Office, Sacramento, under Bid No. 36-95, for furnishing and operating one dragline, and performing all work as directed by the contracting officer on east bank of Sacramento River near Colusa Weir, about 3 miles upstream from Colusa.

Bids were taken as follows:

(1) 120 hours, furnishing and operating dragline;

(2) Lump sum, delivery of dragline to site of work and removal therefrom upon completion of the contract.

Complete bids follow:

Lord & Bishop, Sacramento: (1) $5 per hour, total $600; (2) no bid;

C. Mankel, Sacramento: (1) $5.50 per hour, total $660; (2) $2.00;

J. R. Reeves, Sacramento: (1) $6.50 per hour, total $780; (2) no bid.

Bids held under advisement.

26—— RAILROADS

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until December 10, 4 P. M., (to be opened at 4:15 P. M., bids will be received by the Stockton City Council, B. L. Trabern, City Clerk, City Hall, for the sale of rails, angle bars, tie plates, and ties removed from the tracks of the Western Pacific Railroad Company on South Hunter St. from Taylor St. to a point 415 ft. south of the south line of Sixth St.

Specifications obtainable from the above office.

BIDS OPENED

SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., San Francisco, at $41,150 submitted low bid to the Public Utilities Commission, City Hall, under Mun. Ry. Contract No. 176, for the reconstruction of the Union Street tracks.

The work involves:

(1) 54,000 sq. ft. removing pavement;

(2) 5,600 ft. removing existing rail, ties and fastenings and hauling the material to the Municipal pipe yard, single track;

(3) 2,100 c.y. excavation and backfill for drains;

(4) 20 cu. yds. ex. and backfill for drains.

(5) lump sum, installing track drains

(6) 500 c.y. breaking and distributing crushed rock ballast;

(7) 1,300 c.y. furnishing and distributing crushed rock ballast;

(8) 5,600 ft constructing girder rail track, complete, including hauling materials, but excluding excavation, paving and bonding, single track;

(9) 190 installing thermit weld joints;

(10) lump sum, installing double track over double track crossing;

(11) lump sum, installing crossover;

(12) 54,000 sq. ft. asphaltic pavement on concrete base;

(13) 4,400 sq. ft. asphalt conform pavement inc. removal of existing asphalt;

(14) 500 sq. ft. concrete base for asphaltic conform pavement, including the removal of the existing base;

(15) 5,800 ft. concrete stringer, single track.

Total bids follow:

(A) Eaton & Smith, San Francisco, $41,150.

(B) E. J. Treacy, San Francisco, $44,243.

(C) Shannahan Bros., Los Angeles, $44,752.

(D) Fay Improvement Co., San Francisco, $52,969.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1) ..	$ .06	$ .0525	$ .08	$ .096
(2)	.62	.625	.60	1.07
(3)....	.50	1.00	.95	.85
(4)....	1.40	2.00	2.50	1.00
(5)....	100.00	120.00	120.00	75.00
(6)..	1.00	2.65	3.00	2.75
(7)....	2.00	2.65	3.05	2.75
(8) .	2.00	2.10	2.03	2.26
(9)	19.50	12.50	15.00	13.75
(10)....	573.00	675.00	525.00	800.00
(11)..	675.00	675.00	679.00	800.00
(12)	.1925	.23	.19	.24
(13)....	.13	.12	.19	.15
(14).	.28	.25	.28	.25
(15) ..	.50	.40	.48	.75

All bids referred to the City Engineer and the PWA.

28 — FIRE EQUIPMENT

November 29, 1935

BIDS WANTED

SACRAMENTO, Cal.—Until December 12, 8:15 P. M., bids will be received by H. G. Denton, City Clerk, City Hall, for furnishing one 1000-gallon standard triple combination pumping engine for the Fire Department.

Specifications obtainable from the above office.

29— STREETS AND HIGHWAYS

CONTRACT AWARDED

SOLANO COUNTY, Cal.—Park W. Hyde Co., 58 Main St., San Francisco, at $1550 submitted only bid and awarded contract by the Solano County Board of Supervisors, Fairfield, for supplying and installing a highway crossing signal protection over the tracks of the San Francisco, Napa & Calistoga Railroad at Mississippi St., north of the City of Vallejo.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until December 20, 2 P. M., bids will be received by the Division of Highways, J. W. Vickery, District Engineer, 546 W. Wabash Ave., Eureka, for the construction of a standard timber cattle pass in Mendocino County, bet. Hopland and Ukiah, at Station 72.

Plans and specifications obtainable from the above office.

LOW BIDDERS

ELKO COUNTY, Nev.—Utah Const. Co., Ogden, at $159,007.24 submitted low bid to the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Elko County, Rte. 13, Section B3, between 26 miles south of Wells and Wells, a length of approximately 26.07 miles.

George French, Jr., Stockton, Calif., at $159,793.47 submitted second low bid.

LOW BIDDERS

PERSHING COUNTY, Nev. — Jack A. Casson, 319 Warren St., Hayward, Calif., at $49,109.70 submitted low bid to the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Pershing County bet. Lovelock and five miles south, a length of approximately 4.98 miles.

Pacific Const. Co., San Francisco, at $50,462.50 submitted second low bid.

Complete bids will be given shortly.

BIDS OPENED

ALAMEDA COUNTY, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $1,360 submitted low bid to the Bureau of Public Roads, Government Island for placing surfacing on a driveway and parking lot at Government Island, Alameda County.

The work involves:
(1) 400 c.y. crushed rock surf. course;
(2) 20 c.y. screenings;
(3) 8 tons liquid asph. road material, Type SC-2.

Complete bids follow:

Lee J. Immel, Berkeley: (1) $2.90; (2) $4; (3) $15; total, $1,360.

Ransome Co., Emeryville: (1) $2.88; (2) $3.14; (3) $20.62; total, $1,385.16.

Heafey-Moore Co., Oakland: (1) $3.40; (2) $3.60; (3) $15; total, $1,552.00.

Palo Alto Road Materials Co., Palo Alto: (1) $4; (2) $4.40; (3) $19.20; total, $1,841.60.

Engineer's estimate: (1) $3; (2) $; (3) $12.50; total, $1,400.

LOW BIDDERS

MINERAL AND LYON COUNTIES, Nev.—Isbell Const. Co., 1300 E Fourth St., Reno, at $56,898.30 submitted low bid to the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Mineral and Lyon Counties, Route 3, Sections G and A3, between Schurz and 9½ miles east of Yerington, a length of approximately 14.73 miles. X

Nevada Rock & Sand Co., Reno, at $62,908.80 submitted second low bid.

LOW BIDDERS

WHITE PINE CO., Nevada.—George French, Jr., P. O. Box 107, Stockton, Calif., at $84,546.85 submitted low bid to the Nevada State Highway Directors, Robt. A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in White Pine County, Route 38, Section A, between Lund and Preston, a length of approximately 5.38 miles.

Pacific Const. Co., San Francisco, at $88,859.22 submitted second low bid.

BIDS OPENED

MENDOCINO COUNTY, Calif.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $38,488 submitted low bid to the State Highway Commission, Sacramento, for about 1.75 miles grading, surfacing with creek run gravel and treated with liquid asphalt, in Mendocino County at the Oaks and at Clow Creek.

The work involves:
(1) 785 M. gals. water;
(2) 36,050 c.y. rdwy. excav.;
(3) 600 c.y. struc. excav.;
(4) 1,000 c.y. ditch and channel excavation;
(5) 302,500 sta. yds. overhaul;
(6) 92 sta. finishing rdwy.;
(7) 9,050 c.y. creek run gravel;
(8) 51 tons liquid asphalt SC-2;
(9) 690 lbs. bar reinf. steel;
(10) 13 c.y. Class A Portland cement concrete (structures);
(11) 138 l.f. 8-in. CMP;
(12) 686 l.f. 18-in. CMP;
(13) 38 l.f. 24-in. CMP;
(14) 38 l.f. 30-in. CMP;
(15) 142 l.f. 60-in. CMP;
(16) 200 l.f. 8-in. perf. metal pipe;
(17) 50 c.y. rock filling material;
(18) 4 each spillway assemblies;
(19) 28 each culvert markers;
(20) 77 each guide posts;
(21) 0.7 mile new property fence;
(22) 4 each drive gates;
(23) removing timber bridge;
(24) 41 each monuments;

Total bids follow:

(A) N. M. Ball Sons Co., Berkeley $38,488.00
(B) Hemstreet & Bell, Marysville 42,943.30
(C) Claude C. Wood, Stockton 43,508.00

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.00	$ 1.00	$ 1.50
(2)	.40	.57	.38
(3)	1.25	1.50	1.50
(4)	1.00	.75	1.00
(5)	.005	.005	.005
(6)	8.00	7.50	10.00
(7)	1.25	1.25	2.00
(8)	20.00	16.00	20.00
(9)	.06	.10	.10
(10)	30.00	40.00	30.00
(11)	1.45	1.00	1.00
(12)	2.25	1.80	1.75
(13)	3.00	2.75	3.00
(14)	4.00	3.50	4.00
(15)	14.00	10.00	12.00
(16)	1.30	1.10	1.00
(17)	3.00	5.00	3.00
(18)	15.00	15.00	14.00
(19)	3.00	3.00	2.50
(20)	3.00	2.50	2.50
(21)	500.00	1000.00	500.00
(22)	20.00	20.00	15.00
(23)	400.00	300.00	200.00
(24)	3.00	3.00	3.00

BIDS OPENED

LOS ANGELES COUNTY, Cal.—Southwest Paving Co., Inc., 11402 Radford Ave., P. O. Box D, Roscoe, at $18,529.25 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, November 29, for about 0.6 mile paving with asphalt concrete in the City of Glendale, bet. San Fernando Road and Central Ave.

The work involves:
(1) 1,525 c.y. rdwy. excav., unclass.;
(2) 575 c.y. exist. asphalt conc. surface removed and disposed of;
(3) 50 c.y. exist. asphalt conc. base removed and disposed of;
(4) 6,600 sq. yds. subgrade preparation;
(5) 1,600 tons asphalt concrete (base and leveling course);
(6) 1,750 tons asphalt concrete (type B surface course);
(7) 13,000 sq. yds. asph. paint binder;
(8) 6 ea. manholes adjusted to grade.

Total bids follow:

(A) Southwest Paving Co., Inc., Roscoe, $18,529.25.
(B) George R. Curtis Paving Co., Los Angeles, $19,032.50.
(C) Oswald Bros., Los Angeles, $23,261.50.
(D) J. L. McClain, Los Angeles, $28,117.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 3.00	$ .50	$ 2.30	$ 3.00
(2)	5.65	9.00	9.00	12.00
(3)	3.15	8.00	5.60	8.00
(4)	.20	.20	.14	.50
(5)	2.30	3.00	3.20	3.75
(6)	2.98	3.50	4.50	3.75
(7)	.021	.03	.02	.02
(8)	10.00	10.00	20.00	20.00

CONTRACT AWARDED

VENTURA COUNTY, Calif.—Mittry Bros. Const. Co., 5531 Downey Road, Los Angeles, at $466,036.50 awarded contract by the State Highway Commission, Sacramento, for about 4.8 mi. grading and paving with asphalt concrete, Portland cement concrete, and plant-mixed surfacing, in Ventura County between Newbury Park and Conejo Creek.

BIDS OPENED

FRESNO COUNTY, Cal. — Stewart & Nuss, Inc., and John Jurkovich, 410 Thorne Ave., Fresno, at $30,244 submitted the only bid received by the State Highway Commission, Sacramento, for about 1.6 miles grading in Fresno County, between the Junction with Route 41 and 1½ miles west.

The work involves:
(1) 17,500 cu. yds. roadway excav., unclass.;
(2) 16,500 sta. yds. overhaul;
(3) 400 cu. yds. struc. excav.;
(4) 83 stations finishing roadway.
(5) 170 cu. yds. dry rubble,
(6) 32 lin. ft. 8-in. CMP;
(7) 44 lin. ft 12-in. CMP;
(8) 8 lin. ft. 15-in. CMP;
(9) 110 lin. ft. exist. CMP removed, cleaned and relaid.

Unit bids follow:

(1)	$ 1.50	(2)	$ .02
(3)	2.00	(4)	10.00
(5)	10.00	(6)	1.00
(7)	1.50	(8)	2.00
(9)	2.00		

INYO COUNTY, Cal.—Basich Bros., 20550 S. Normandie Ave., Torrance, at $8,864.50 awarded contract by State Highway Commission, Sacramento, for grading 7.3 miles of State Highway in Inyo County, between Death Valley Junction and the California - Nevada State Line.

BIDS WANTED

SAN FRANCISCO.—Until December 11, 2:30 p. m., bids will be received by the Department of Public Works, Wm. H. Worden, Director, Room 251, City Hall, under Specification No. 18,913 for the improvement of the frontage of Angelo J. Rossi Playground on Rossi Ave., between Anza and Turk Sts. Estimated cost, $2120.

The work involves:
(1) 475 l.f. unarmored concrete curb;
(2) 7125 sq.ft. asphaltic concrete pavement.

Plans and specifications obtainable from City Engineer John J. Casey upon $10 cash deposit.

BIDS OPENED

INYO COUNTY, Calif.—Young & Son Co., Ltd., 599 Colusa Ave., Berkeley, at $12,605.44 submitted low bid to the State Highway Commission, Sacramento, for about 2.6 miles grading in Inyo County, between 1.8 miles north of Bishop and 1.4 miles north of Laws.

The work involves:
(1) Clearing and grubbing right-of-way;
(2) 13,000 cu. yds. roadway excav. unclass.;
(3) 91,000 sta. yds. overhaul;
(4) 75 cu. yds. struc. excav.;
(5) 680 cu. yds. ditch excav.;
(6) 6000 cu. yds. imported borrow;
(7) 24 lin. ft. 12-in. CMP;
(8) 132 lin. ft. 18-in. CMP;
(9) 30 lin. ft. 24-in. CMP;
(10) 20 lin. ft. clean and salvage existing CMP culverts;
(11) 6 each culvert markers;
(12) 61 each guide posts;
(13) 8 each guide posts removed and reset;
(14) 1.86 miles remove and reset exist. property fences;
(15) 0.22 mile remove and dispose of exist. property fences;
(16) 0.79 mile new property fences;
(17) 35 each monuments.

Total bids follow:

(A) Young & Son Co., Ltd., Berkeley $12,605.44
(B) Basich Bros., Torrance 16,873.00

Unit bids follow:

	(A)	(B)
(1)	630.00	1000.00
(2)	.33	.63
(3)	.005	.01
(4)	.90	1.50
(5)	.90	.90
(6)	.80	.90
(7)	1.40	2.25
(8)	1.85	2.75
(9)	2.90	3.00
(10)	.50	.75
(11)	3.00	3.00
(12)	3.00	3.00
(13)	2.00	2.00
(14)	360.00	375.00
(15)	132.00	350.00
(16)	450.00	500.00
(17)	3.00	4.00

BIDS OPENED

SHASTA COUNTY, Calif.—Peninsula Paving Co., 9 Main St., San Francisco, at $197,656.50 submitted the lowest regular bid received by the State Highway Commission, Sacramento, for about 7.7 miles grading and surfacing with crusher run base and plant-mixed surfacing in Shasta County between 1½ miles east of Bella Vista and Diddy Hill.

Dunn & Baker, Klamath Falls, at $189,859.80, submitted the low bid but their check was insufficient.

The work involves:

(1) 30 acres clearing and grubbing right of way;
(2) 3,205 M. gals. water;
(3) 191,000 c.y. rdwy. excav., unclass.
(4) 1,800 c.y. struc. excav.;
(5) 600 c.y. ditch and channel excav.
(6) 605,000 sta. yds. overhaul;
(7) 26,000 c.y. imported selected material;
(8) 407 sta. finishing rdwy.;
(9) 18,800 tons crusher run base;
(10) 105 tons liquid asph. SC-2 (prime coat);
(11) 10,600 ton mineral agg. (plant-mixed surfacing);
(12) 560 tons liquid asph. MC-5 or MC-extra heavy (plant-mixed surf.)
(13) 63 tons liquid asph. MC-3 (seal coat);
(14) 575 tons sand (seal coat);
(15) 9,800 lbs. bar reinf. steel (struc.)
(16) 132 c.y. Class A Portland cement concrete (struc.);
(17) 142 l.f. 12-in. CMP;
(18) 1,762 l.f. 18-in. CMP;
(19) 426 l.f. 24-in. CMP;
(20) 118 l.f. 30-in. CMP;
(21) 74 l.f. 36-in. CMP;
(22) 94 l.f. 42-in. CMP;
(23) 64 l.f. 48-in. CMP;
(24) 154 l.f. cleaning and salvaging existing CMP culverts;
(25) 94 each culvert markers;
(26) 121 each monuments.

Total bids follow:

(A) Dunn & Baker, Klamath Falls* $189,859.80
(B) Peninsula Paving Co., San Francisco 197,656.50
(C) Hemstreet & Bell, Marysville 199,045.30
(D) Union Paving Co., San Francisco 217,404.00
(E) A. Teichert & Son, Inc., Sacramento 228,172.50

*Check insufficient.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	300.00	150.00	100.00	500.00	100.00
(2)..	1.00	1.50	1.00	1.00	1.50
(3)..	.35	.46	.45	.40	.57
(4)..	1.00	1.10	1.50	1.50	1.75
(5)..	1.00	.80	.75	.80	1.00
(6)..	.01	.005	.01	.01	.01
(7)..	.35	.55	.65	.60	.60
(8)..	10.00	5.00	5.00	8.00	5.00
(9)..	1.25	1.40	1.70	1.50	1.73
(10..	18.00	17.00	18.00	20.00	20.00
(11)..	2.50	2.15	1.90	1.80	1.95
(12)..	20.00	25.00	26.00	26.00	25.00
(13)..	25.00	25.00	24.00	30.00	26.00
(14)	1.50	3.00	3.00	4.00	3.00
(15)..	.06	.06	.06	.08	.05
(16)..	24.00	23.00	24.50	25.00	25.00
(17)..	1.50	1.20	1.25	2.00	1.50
(18)..	1.90	1.75	1.65	2.50	2.00
(19)..	2.75	2.60	2.50	3.50	3.00
(20)..	3.75	3.25	3.25	4.00	4.00
(21)..	5.00	5.00	4.50	6.00	5.50
(22)	6.00	6.25	5.50	7.00	6.00
(23)	7.50	7.75	7.00	9.00	7.50
(24)	1.00	.50	.50	1.00	.50
(25)	2.50	2.25	2.50	3.00	2.50
(26)..	3.50	3.00	3.00	3.00	3.00

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $27,109.60 awarded contract by the Oakland City Council for the improvement of Middle Harbor Road and the Oakland Municipal Garbage Works.

KERN COUNTY—5.1 mi. Grade & Surface—(STATE)

KERN COUNTY, Calif.—Southern California Roads Co., 2145 E 25th St., Los Angeles, at $67,509.50 submitted low bid to the State Highway Commission, Sacramento, for about 5.1 miles grading and surfacing with road mix surfacing in Kern County, bet. four miles south of Shafter and Shafter.

The work involves:

(1) clearing and grubbing right of way;
(2) 2,200 M. gals. water;
(3) 24,500 c.y. rdwy. excav., unclass.
(4) 32,000 c.y. imported borrow;
(5) 75 c.y. ditch and channel excav.;
(6) 30,000 sta. yds. overhaul;
(7) 925 c.y. struc. excav.;
(8) 270 sta. finishing rdwy.;
(9) 1,350 tons liquid asphalt SC-4;
(10) 83,000 sq. yds. preparing, mixing, and shaping roadbed and shoulders;
(11) 9,825 tons mineral agg. (road-mix surfacing);
(12) 35 c.y. Class A Portland cement concrete (struc.);
(13) 1,450 lbs. bar reinf. steel (struc.)
(14) 320 l.f. 12-in. CMP;
(15) 920 l.f. 24-in. CMP;
(16) 35 each culvert markers;
(17) 1.7 miles existing property fences moved and reset;
(18) 0.5 mile new property fence;
(19) 45 each monuments complete in place.

Total bids follow:

(A) Southern California Roads Co., Los Angeles, $67,509.50.
(B) Union Paving Co., San Francisco, $72,711.50.
(C) Basich Bros., Torrance, $81,607.00.
(D) N. M. Ball Sons Co., Berkeley, $81,718.50.
(E) Dimmitt & Taylor, Los Angeles, $86,237.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$450.00	$1500.00	$2000.00	$1500.00	$2000.00
(2)..	1.10	.50	.50	1.50	1.00
(3)....	.30	.30	.35	.30	.26
(4)..	.40	.40	.70	.55	.56
(5)....	.75	1.00	.50	1.00	1.25
(6)....	.01	.01	.005	.01	.03
(7)....	.75	1.50	.90	1.00	1.10
(8)....	4.00	5.00	10.00	5.00	12.00
(9)....	12.00	10.00	12.00	13.00	15.00
(10)....	.08	.05	.04	.05	.06
(11)....	1.56	2.40	2.00	2.30	2.25
(12)....	20.00	25.00	20.00	30.00	30.00
(13)....	.05	.07	.06	.10	.08
(14)....	1.25	1.50	1.40	1.40	1.50
(15)....	2.50	3.00	2.60	2.40	3.00
(16)....	1.50	4.00	2.00	3.00	2.30
(17)....	225.00	300.00	300.00	400.00	180.00
(18)....	300.00	500.00	600.00	500.00	420.00
(18)....	3.00	3.00	3.00	3.00	3.50

FRESNO COUNTY—Calwa Overcrossing—(STATE)

FRESNO COUNTY, Calif.—R. R. Bishop, 5017 E Broadway, Long Beach, at $184,766 submitted low bid to State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the A. T. and S. F. Ry. at Calwa, consisting of 158 l.f. of track spans and twenty-eight 40-ft. concrete girder spans on concrete piers and abutments with timber pile foundations, and constructing approaches and paving with Portland cement concrete pavement.

The work involves:

(1) 80 M. gals. water;
(2) 1,100 c.y. rdwy. excav.;
(3) 3,000 c.y. struc. excav.;
(4) 5,150 c.y. imported borrow;
(5) 2,930 sq. yds. subgrade for pave.;
(6) 1,300 ton crusher run base;
(7) 920 tons mineral agg. (plant-mix-ed surfacing);
(8) 65 tons liquid asph. ROMC-4 (do)
(9) 7 tons liquid asph. SC-2 (prime cnat);
(10) 7 tons liquid asphalt MC-3 (seal coat);
(11) 70 c.y. stone screenings, seal coat
(12) 515 c.y. Class A Portland cement concrete (pavement);
(13) 5,320 c.y. Class A do (struc.);
(14) 250 c.y. Class A do (railing);
(15) 250 c.y. Class A do (curbs and gutters);
(16) 700 each pavement dowels;
(17) 780,000 lbs. bar reinf. steel;
(18) 133,000 lb. struc. steel;
(19) 27,100 lbs. cast steel;
(20) 17,200 l.f. furnishing treated Douglas fir piles, inc. test piles;
(21) 688 each driving do;
(22) 1 lot misc. items of work.

Total bids follow:

(A) R. R. Bishop, Long Beach, $184,-766.00.
(B) Bodenhamer Const. Co., Oakland, $194,867.00.
(C) Oscar Oberg, Los Angeles, $195,-652.80.
(D) Rocca & Co., San Rafael, $209,-008.00.
(E) F. O. Bohnett, Campbell, $214,-106.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 2.50	$ 2.00	$ 2.00	$ 1.00	$ 3.00
(2).	.40	.50	.60	.40	.40
(3).	2.50	1.50	1.50	.50	1.00
(4)....	.50	.50	.50	.40	.45
(5)	.10	.10	.11	.10	.10
(6)	2.50	1.60	2.75	2.00	2.50
(7)	3.00	4.00	4.50	3.00	3.50
(8).	18.00	18.00	16.50	5.00	15.00
(9)..	25.00	22.00	25.00	20.00	25.00
(10)	25.00	25.00	25.00	20.00	25.00
(11)	2.00	3.00	5.00	3.00	2.50
(12)..	10.00	9.00	10.00	10.00	10.00
(13).	18.00	17.00	18.00	19.50	20.00
(14)..	24.00	45.00	31.00	35.00	35.00
(15)	14.00	16.00	17.00	15.00	14.00
(16)....	.15	.30	.15	.20	.20
(17)....	.039	.045	.041	.06	.055
(18)....	.062	.06	.07	.06	.06
(19).....	.13	.15	.13	.14	.14
(20)....	.44	.60	.50	.50	.50
(21)....	7.00	15.00	15.00	12.00	14.00
(22).	1000.00	1000.00	1200.00	1500.00	3000.00

BIDS OPENED

PLUMAS COUNTY, Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $67,255, submitted low bid to the State Highway Commission, Sacramento, for about 5.5 miles grading, applying road-mix surface treatment and seal coat in Plumas County between Ede's Ranch and Beckwith Pass.

The work involves:
(1) 440 M. gals. water;
(2) 62,000 c.y. rdwy. excav., unclass.;
(3) 1,550 c.y. struc. excav.;
(4) 225 c.y. ditch and channel excav.
(5) 40,500 c.y. imported borrow;
(6) 99,100 sta. yds. overhaul;
(7) 291 sta. finishing rdwy.;
(8) 300 tons liquid asph., ROMC 3;
(9) 71,300 sq. yds. preparing, mixing and shaping roadbed;
(10) 60 tons asph. emulsion 90-95 (seal coat);
(11) 450 c.y. sand (seal coat);
(12) 21,000 lbs. bar reinf. steel (struc.)
(13) 225 c.y. Class A Portland cement concrete (struc.);
(14) 158 l.f. 12-in. CMP;
(15) 1,856 l.f. 18-in. CMP;
(16) 148 l.f. 24-in. CMP;
(17) 260 l.f. 36-in. CMP;
(18) 56 each culvert markers;
(19) 53 each monuments.

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento $67,255.00
(B) Dunn & Baker, Klamath Falls 69,656.50
(C) Hemstreet & Bell, Marysville 73,821.75
(D) Chas. Harlowe, Jr., Oakland 79,817.00

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	2.00	1.50	1.50	1.50
(2)	.255	.30	.38	.50
(3)	1.25	1.00	1.50	1.50
(4)	1.00	1.00	.75	1.00
(5)	.42	.50	.45	.45
(6)	.01	.01	.01	.005
(7)	5.00	10.00	5.00	7.00
(8)	25.00	23.00	25.00	20.00
(9)	.06	.03	.05	.03
(10)	30.00	24.00	22.00	25.00
(11)	2.50	1.00	2.50	4.00
(12)	.06	.06	.06	.07
(13)	27.00	28.00	27.50	25.00
(14)	1.25	1.50	1.25	1.50
(15)	2.50	2.00	1.75	2.25
(16)	3.00	2.75	2.75	3.00
(17)	5.00	5.00	5.00	5.10
(18)	3.00	2.50	3.00	3.50
(19)	3.00	3.50	3.00	4.00

BIDS OPENED

KERN COUNTY, Calif.—Stewart & Nuss, Inc., and John Jurkovich, 410 Thorne Ave., Fresno, at $34,328 submitted low bid to the State Highway Commission, Sacramento, for about 1.3 miles grading in Kern County between the easterly entrance to Kern County Park and 1.25 miles easterly.

The work involves:
(1) 16,500 cu. yds. roadway excavation unclass.;
(2) 26,500 station yds. overhaul;
(3) 180 cu. yds. struc. excav.;
(4) 67 stations finishing roadway;
(5) 13 cu. yds. rubble masonry;
(6) 280 lin. ft. 24-in. CMP;
(7) 58 lin. ft. 30-in. CMP;

Total bids follow:
(A) Stewart & Nuss, Inc., and John Jurkovich, Fresno $34,328.00
(B) Rexroth & Rexroth, Bakersfield 35,620.00
(C) Oilfields Trucking Co., Bakersfield 37,922.50
(D) Basich Bros., Torrance ..40,639.00

	(A)	(B)	(C)	(D)
(1)	1.60	1.50	2.10	2.00
(2)	.20	.02	.06	.05
(3)	2.00	2.00	1.25	2.50
(4)	10.00	100.00	5.00	50.00
(5)	10.00	100.00	20.00	60.00
(6)	4.00	5.00	3.25	6.00
(7)	6.00	10.00	3.75	8.00

ALAMEDA CO.—Mountain Blvd. Undercrossing—(STATE)

ALAMEDA COUNTY, Calif.—Albany Cement Contractors, Inc., 1035 Murray St., Berkeley, at $47,508.50, submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Mountain Blvd., in Oakland, consisting of two concrete abutments and steel superstructure and approximately 416 l. f. of roadway to be graded and paved with asphalt concrete pavement.

The work involves:
(1) 5,800 c.y. rdwy. excav., unclass.;
(2) 1,100 c.y. struc. excav.;
(3) 1,925 sq. yds. subgrade for pave.
(4) 750 tons asphalt concrete;
(5) 910 c.y. Class A Portland cement concrete (struc.);
(6) 82 c.y. Class A do (curbs and gutters);
(7) 36 c.y. Class A do (sidewalk);
(8) 95,000 lbs. bar reinf. steel;
(9) 219,000 lbs. struc. steel;
(10) 300 lbs. cast steel (catchbasin covers and frames);
(11) 80 l.f. 8-in. CMP;
(12) 310 l.f. 8-in. perf. metal pipe underdrains;
(13) 30 c.y. rock filling material;
(14) 2 each spillway assemblies;
(15) 1 lot misc. items of work.

Total bids follow:
(A) Albany Cement Contractors, Inc., Berkeley $47,508.50
(B) A. Soda & Son, Oakland 49,469.50
(C) Lindgren & Swinerton, Inc., Oakland 50,782.00
(D) M. B. McGowan, Inc., San Francisco 51,108.00
(E) Healy-Moore Co., Oakland 55,699.55
(F) H. C. Vensano & Co., San Francisco 60,438.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	.80	.65	.50	.60	.75	1.35
(2)	2.00	1.35	1.80	1.50	1.50	2.40
(3)	.10	.12	.20	.15	.12	.12
(4)	4.75	5.25	5.70	4.50	5.00	5.00
(5)	15.70	14.80	15.00	20.00	21.25	20.00
(6)	10.00	15.00	16.00	15.00	16.00	18.00
(7)	10.00	15.00	15.00	15.00	15.00	20.00
(8)	.033	.045	.047	.06	.048	.05
(9)	.076	.0865	.089	.07	.086	.084
(10)	.10	.125	.15	.15	.20	.20
(11)	2.00	3.20	1.50	1.00	1.00	1.50
(12)	2.00	1.30	1.10	1.00	1.00	1.50
(13)	3.00	7.50	3.10	4.00	3.50	6.00
(14)	20.00	20.00	17.50	20.00	15.00	20.00
(15)	300.00	628.00	1150.00	719.25	550.00	1610.00

ORANGE COUNTY — 2.9 Mi. Grade & Surface — (State)

ORANGE COUNTY, Cal.—Sully-Miller Contracting Co., 1500 W 7th St., Long Beach, at $44,651.50 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.9 miles grading, surfacing with imported selected material, and a bituminous macadam armor coat applied in Orange County, on Bolsa Ave. between Bay Blvd. and Bolsa Chica Road.

The work involves:
(1) 155 sta. clearing and grubbing right-of-way;
(2) 584 M. gals water;
(3) 45,000 cu. yds. roadway excavation, unclass.;
(4) 230 cu. yds. struc. excav.;
(5) 1,600,000 sta. yds. overhaul;
(6) 11,500 tons imported selected material;
(7) 155 stations finishing roadway;
(8) 3200 tons mineral aggregate (armor coat);
(9) 100 tons liquid asphalt 95 plus (armor coat);
(10) 11 cu. yds. Class A Portland cement concrete (strucs.);
(11) 3.1 MFBM select all heart structural Redwood;
(12) 2.9 MFBM dense, select, all heart structural Redwood;
(13) 300 lbs. bar reinf. steel;
(14) 15 each spillway assemblies;
(15) 170 lin. ft. 8-in. CMP;
(16) 12 lin. ft. 15-in. CMP;
(17) 46 lin. ft. 24-in. CMP;
(18) 54 lin. ft. 36-in. CMP;
(19) 16 lin. ft. 48-in. CMP;
(20) 40 lin. ft. exist. CMP to be removed and relaid;
(21) 8 each culverts markers;
(22) 1.25 miles exist. fence to be moved and reset.

Total bids follow:
(A) Sully-Miller Contracting Co., Long Beach, $44,651.56.
(B) Gogo & Rados, Los Angeles, $46,681.80.
(C) Sharp & Fellows Contr. Co., Los Angeles, $48,824.00.
(D) Oswaald Bros., Los Angeles, $51,252.00.
(E) Martin Bros. Trucking Co., Long Beach, $52,489.00.
(F) J. E. Haddock, Ltd., Pasadena, $57,695.85.
(G) J. L. McClain, Los Angeles, $62,073.20.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 10.00	$ 5.00	$ 7.00	$ 10.00	$ 8.00	$ 10.00	$ 10.00
(2)	1.50	1.00	1.50	2.15	2.00	1.00	1.00
(3)	.22	.31	.32	.32	.35	.28	.50
(4)	1.00	1.00	1.00	1.25	1.20	1.40	2.20
(5)	.004	.005	.003	.002	.004	.005	.0035
(6)	1.05	1.50	1.10	1.40	1.20	1.60	1.50
(7)	10.00	10.00	5.00	5.00	7.00	10.00	4.00
(8)	2.55	2.50	3.00	3.00	2.60	3.20	3.20
(9)	16.00	18.00	20.00	18.50	18.00	19.70	18.00
(10)	30.00	20.00	35.00	22.00	22.00	26.75	25.00
(11)	85.00	80.00	100.00	100.00	137.00	105.00	100.00
(12)	90.00	80.00	110.00	90.00	142.00	115.00	110.00
(13)	.10	.10	.10	.06	.10	.08	.08
(14)	20.00	15.00	16.00	14.00	15.00	15.00	15.00
(15)	1.25	.80	1.00	1.00	1.25	.90	1.20
(16)	2.00	1.50	1.60	1.70	1.50	1.75	1.60
(17)	3.00	2.30	2.50	2.50	3.50	2.50	3.00
(18)	6.00	4.50	5.00	5.00	5.00	4.80	5.00
(19)	7.50	6.00	7.00	7.50	8.00	7.50	7.00
(20)	2.00	1.00	1.00	1.00	3.00	2.00	3.00
(21)	5.00	3.00	3.00	2.50	4.00	3.00	4.00
(22)	150.00	100.00	300.00	350.00	300.00	400.00	300.00

BIDS OPENED

KINGS COUNTY, Calif.—L. A. Brisco, Arroyo Grande, at $20,295, submitted the only bid received by the State Highway Commission, Sacramento, for grading shoulders on 6.3 miles in Kings County, between 2 miles south of Lemoore and 1½ miles east of Stratford.

The work involves:
(1) 1000 cu. yds. roadway excavation unclassified;
(2) 8000 cu. yds. imported borrow;
(3) 331 stations finishing roadway;

Unit bids follow:
(1) 1.25
(2) 1.76
(3) 25.00

December 4, 1935

BIDS WANTED

RIVERSIDE COUNTY, Calif.—Until **December 27**, 2 p. m., bids will be received by the State Highway Engineer, State Bldg., Los Angeles, for about 10.9 miles grading, treating with liquid asphalt and constructing a timber pile trestle in Riverside County between 10 miles west of Indio and Indio.

The work involves:
(1) 32 Stas clearing and grubbing right of way;
(2) 122,500 cu. yds. rdwy. excav. unclass.;
(3) 1,000 cu. yds. structure excav.;
(4) 2,000 cu. yds. ditch and channel excav.;
(5) 25,700 cu. yds. imported borrow;
(6) 426,000 station yds. overhaul;
(7) 577 stations finishing rdwy.;
(8) 20,000 cu. yds. imported selected material;
(9) 1,920 tons liq. asphalt SC-2 (road-mix surface treatment);
(10) 140,100 sq. yds. preparing, mixing, and shaping subgrade;
(11) 130,200 sq. yds. preparing, mixing, and shaping rdwy.;
(12) 220 tons liq. asphalt SC-2 (detours);
(13) 47 tons liq. asphalt SC-1A (slopes);
(14) 56 M.F.B.M. dense, select, all heart, structural redwood;
(15) 24 M.F.B.M. select, all heart, structural redwood;
(16) 1,650 lin. ft. furnishing Douglas fir piles (treated);
(17) 75 each driving piles;
(18) 2,004 lin. ft. 18 in. CMP;
(19) 112 lin. ft. 36-in. CMP;
(20) 87 lin. ft. laminated guard railing;
(21) 38 each culvert markers;
(22) 370 each guide posts;
(23) 0.6 mile moving and resetting property fences;
(24) 1,200 lin. ft. bank protection fence;
(25) 88 each monuments.

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, and San Bernardino.

29

BIDS WANTED

ORANGE COUNTY, Calif.—Until **December 9**, 2 p. m., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, 808 State Bldg., Los Angeles, for about 1 mile grading and applying road-mix surface treatment in Orange County, on Batavia Street in the City of Orange, between Walnut Ave. and La Veta Ave.

The work involves:
(1) 35 M. gals. water;
(2) 1,700 c.y. rdwy. excav. unclass;
(3) 57 stations finishing roadway;
(4) 25,500 sq. yds. preparing, mixing, and shaping roadbed;
(5) 336 tons liquid asphalt, SC-2, in place (prime coat and mixing).

Plans and specifications obtainable from the above office.

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $1,099.40 awarded contract by the Sacramento County Board of Supervisors for paving Spear Ave. in North B Street District.

Work will include 4,400 sq. ft. of asphaltic concrete surface and 160 ft. 8-in. vitrified sewer pipe.

November 29, 1935

BIDS WANTED

VALLEJO, Solano Co., Cal.—Until December 9, 11 A. M., bids will be received by the Vallejo City Council, Alf E. Edgcumbe, City Clerk, for the improvement of Everett Alley.

Plans tand specifications obtainable at the office of City Engineer T. D. Kilkenny.

SAN JOAQUIN CO.—Tracy Overhead Crossing—(STATE)

SAN JOAQUIN COUNTY, Calif.—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland, at $223,255.74 submitted low bid to the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad one-half mile east of Tracy, consisting of one 81-ft. and two 48-ft. plate girder spans, two 32-ft. steel beam spans, and twenty-nine 40-ft. reinforced concrete girder spans on concrete bents and abutements with wigwalls on timber pile foundation, and grading, ad paving with Portland cement concrete pavement approximately 0.3 mile.

The work involves:
(1) 630 M. gals. water;
(2) 1750 cu. yds. rdwy. excav. unclass;
(3) 3500 cu. yds. struc. excav.;
(4) 18,000 cu. yds. imported borrow;
(5) 405 cu. yds. salvaged surfacing;
(6) 216 cu. yds. conc. pavement and strucs. to be removed and disposed of;
(7) 3300 sq. yds. subgrade for pavement;
(8) 31 sta finishing roadway;
(9) 2500 tons untreat. crushed gravel or stone surfacing (base and approaches);
(10) 1420 tons mineral aggregate (plant-mixed surface MC type);
(11) 71 tons liquid asph. MC-4 or 5 (plant-mixed surfacing);
(12) 16 tons liquid asph. MC-3 (prime coat);
(13) 7 tons liquid asph. MC-3 (seal coat);
(14) 64 tons stone screenings (seal coat);
(15) 635 cu. yds. Class A Portland cement concrete (pavement);
(16) 5100 cu. yds. Class A Portland cement concrete (strucs.);
(17) 122 cu. yds. Class A Portland cement concrete (railing);
(18) 866 each pavement dowels;
(19) 840,000 lbs. bar reinf. steel;
(20) 448 each pavement tie bolt assemblies;
(21) 350,000 lbs. struc. steel;
(22) 28,000 lbs. cast steel;
(23) 1 only cast steel frame & cover;
(24) 27,500 lin. ft. furnishing treated Douglas fir piles, including test piles;
(25) 684 each driving treated Douglas fir piles, including test piles;
(26) 104 lin. ft. 36-in. reinf. conc. pipe
(27) 64 lin. ft. 48-in. do;
(28) 28 lin. ft. 12-in. do;
(29) 1 only 12-in. reinf. concrete pipe elbow;
(30) 86 each guide posts;
(31) 0.53 mile new property fence;
(32) 4 each drive gates;
(33) 667 sq. yds. asph. paint binder;
(34) 16 each monuments;
(35) 1 only 12-in. alfalfa valve;
(36) 1 lot miscellaneous items of work

Total bids follow:
(A) Lindgren & Swinerton, Inc., Oakland $223,255.74
(B) F. O. Bohnett, Campbell 225,373.05
(C) Bodenhamer Constr. Co., Oakland 225,638.08
(D) Rocca & Co., San Rafael 225,955.59
(E) MacDonald & Kahn Co., Ltd., San Francisco 239,876.15
(F) Union Paving Co., San Francisco 241,520.65
(G) Paul J. Tyler and Lord & Bishop, Sacramento 245,692.85
(H) M. B. McGowan, Inc., and C. W. Caletti, San Francisco 249,538.00
(I) Healy-Tibbitts Constr. Co., San Francisco 252,123.70

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$1.70	$1.50	$1.00	$1.50	$2.60	$1.00	$1.25	$2.00	$1.00
(2)	.40	.75	.50	.30	.52	.30	.50	1.00	.80
(3)	2.60	1.10	1.50	.80	1.30	1.15	.75	2.00	2.50
(4)	.62	.65	.60	.54	.84	.50	.75	.90	1.00
(5)	1.70	1.00	.60	.75	2.60	1.20	2.50	1.00	5.00
(6)	7.00	3.00	3.00	1.50	3.90	4.00	3.00	3.00	8.00
(7)	.11	.12	.10	.20	.12	.10	.20	.12	.15
(8)	8.00	10.00	10.00	7.00	6.50	15.00	10.00	12.00	10.00
(9)	1.40	2.00	1.20	1.00	1.30	1.60	2.00	1.80	2.00
(10)	5.20	3.50	3.00	5.06	4.30	3.25	4.00	4.00	3.00
(11)	20.00	15.00	20.00	10.00	20.00	17.50	20.00	15.00	20.00
(12)	22.00	25.00	20.00	25.00	27.00	20.00	20.00	15.00	22.00
(13)	22.00	35.00	20.00	25.00	28.00	20.00	20.00	15.00	22.00
(14)	2.20	3.50	2.50	3.00	4.00	1.80	3.00	3.00	3.00
(15)	10.00	9.00	9.50	10.63	10.75	8.50	11.00	10.00	10.00
(16)	17.00	16.50	18.00	18.00	18.58	18.50	21.50	20.00	21.50
(17)	44.00	50.00	45.00	80.00	45.00	45.00	50.00	30.00	40.00
(18)	.30	.40	.16	.28	.31	.35	.35	.20	.25
(19)	.04	.047	.045	.044	.0517	.06	.044	.05	.045
(20)	.32	.56	.45	.50	.65	.50	.60	.20	.50
(21)	.065	.07	.06	.0675	.064	.073	.065	.06	.06
(22)	.14	.15	.15	.14	.19	.14	.12	.15	.12
(23)	110.00	100.00	20.00	80.00	130.00	85.00	100.00	100.00	50.00
(24)	.52	.55	.60	.50	.45	.60	.55	.50	.40
(25)	11.00	15.00	15.00	10.00	14.00	12.00	12.00	20.00	15.00
(26)	9.00	10.00	10.00	6.22	7.00	8.50	5.50	5.00	6.00
(27)	12.00	15.00	16.00	8.63	10.30	9.20	7.50	10.00	10.00
(28)	2.00	2.25	2.80	2.68	2.00	2.00	1.75	2.00	3.00
(29)	11.00	10.00	5.00	6.00	20.00	6.00	5.00	3.00	15.00
(30)	2.00	1.50	1.50	1.50	3.25	1.75	.75	2.00	3.00
(31)	500.00	600.00	600.00	400.00	800.00	400.00	500.00	500.00	500.00
(32)	24.00	20.00	20.00	16.00	20.00	12.50	15.00	25.00	20.00
(33)	.04	.05	.10	.05	.06	.05	.25	.20	.10
(34)	3.50	3.00	3.00	3.00	4.00	2.50	2.50	5.00	4.00
(35)	27.00	20.00	20.00	80.00	16.00	12.00	10.00	20.00	20.00
(36)	2000.00	1000.00	1000.00	3500.00	275.00	2000.00	1000.00	732.40	500.00

BIDS OPENED

TUOLUMNE COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $104,233.20 submitted low bid to the State Highway Commission, Sacramento, for about 3.4 miles grading and surfacing with road-mix surfacing on untreated crushed gravel or stone base in Tuolumne County, between Sullivan Creek and 3½ miles easterly.

The work involves:

(1) 70 stations clearing and grubbing right of way;
(2) 1,150 M. gals. water;
(3) 70,500 c.y. rdwy. excav., unclass.
(4) 74,000 sta. yds. overhaul;
(5) 2,600 c.y. ditch and channel excavation;
(6) 1,450 c.y. struc. excav.;
(7) 179 sta. finishing rdwy.;
(8) 550 c.y. salvaged surfacing;
(9) 10,900 tons untreated crushed gravel or stone base;
(10) 5,700 tons mineral aggreg'te (road mix surfacing);
(11) 52 tons liquid asphalt SC-2 (prime cond and detour);
(12) 240 tons liquid asph. SC-4 (road mix surfacing);
(13) 33 tons liquid asphalt MC-3 (seal coat);
(14) 250 tons sand (seal coat);
(15) 34 c.y. Class A Portland cement concrete (struc.);
(16) 2,500 lbs. bar reinf. steel (struc.);
(17) 145 c.y. existing pavement removed and disposed of;
(18) 120 c.y. rubble masonry;
(19) 168 l.f. 8-in. CMP;
(20) 988 l.f. 18-in. CMP;
(21) 366 l.f. 24-in. CMP;
(22) 344 l.f. 36-in. CMP;
(23) 84 l.f. 48-in. CMP;
(24) 132 l.f. 60-in. CMP;
(25) 370 l.f. 8-in. perf. metal pipe (underdrains);
(26) 90 c.y. rock filling material (do);
(27) 41 l.f. existing CMP removed and salvaged;
(28) 22 l.f. existing CMP removed and relaid;
(29) 1 each spillway assembly;
(30) 82 l.f. 90-in. multi plate CMP;
(31) 6.8 miles new property fences;
(32) 0.2 mile existing fences moved and reset;
(33) 35 each drive gates;
(34) 78 each monuments complete in place.

Total bids follow:

(A) Union Paving Co., San Francisco, $104,233.20.
(B) Biasotti- Willard & Biasotti, Stockton, $108,649.85
(C) M. J. B. Constr. Co., Stockton, $116,785.10
(D) Hemstreet & Bell, Marysville, $116,916.20
(E) Peninsula Paving Co., San Francisco, $129,979.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$50.00	$35.00	$12.00	$25.00	$30.00
(2)..	.90	1.50	2.00	1.50	1.50
(3)..	.52	.30	.62	.50	.67
(4)..	.01	.015	.01	.01	.02
(5)..	.40	1.00	1.50	.75	.90
(6)..	1.30	2.00	2.00	1.50	1.50
(7)..	5.00	8.00	6.00	5.00	10.00
(8)..	1.00	.70	2.00	1.50	1.00
(9)..	1.85	2.00	1.70	2.50	2.50
(10)..	2.10	2.25	1.70	3.00	3.00
(11)..	15.00	16.00	19.00	20.00	15.00
(12)..	20.00	26.00	26.00	19.00	20.00
(13)..	25.00	25.00	22.50	25.00	25.00
(14)..	5.00	3.25	3.00	2.50	3.50
(15)..	30.00	26.00	35.00	40.00	25.00
(16)....	.07	.07	.07	.08	.06
(17)..	5.00	1.00	2.00	2.00	1.00
(18)..	16.00	20.00	24.00	15.00	17.00
(19)..	1.40	1.05	2.00	1.10	1.00
(20)..	2.25	1.80	2.75	1.75	1.80
(21)..	3.25	2.65	4.00	3.00	2.75
(22)..	5.00	4.95	6.40	5.25	5.25
(23)..	8.00	7.75	9.50	8.50	8.00
(24)..	12.50	13.75	14.00	12.50	11.50
(25)..	1.40	1.15	2.00	1.15	1.00
(26)..	1.00	1.00	6.00	5.00	4.00
(27)..	.50	.30	1.50	1.00	.50
(28)	1.00	.90	1.75	2.00	1.00
(29)	15.00	14.25	35.00	25.00	20.00
(30)	24.00	28.00	28.00	35.00	22.00
(31)..	150.00	600.00	675.00	750.00	800.00
(32)..	250.00	300.00	300.00	500.00	100.00
(33)	15.00	25.00	25.00	20.00	20.00
(34)	2.50	3.00	4.00	3.00	3.00

LOW BIDDER

BURNT RIVER PROJECT, Oregon—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, at $273,989 submitted low bid to the Bureau of Reclamation, Vale, Oregon, under Spec. No. 653, for constructing the Unity Dam, Burnt River Project, located on the Burnt River about 40 miles southwest of Baker.

BIDS OPENED

SAN FRANCISCO, Pacific Pavements Co., Ltd., 85 Barstow Street, at $57.30 submitted low bid to the Custodian, Marine Hospital, 14th Ave. and Lake St., for repairing 573 sq. ft of roadway at the Hospital.

Complete bids follow:

Pacific Pavements Co., Ltd.	$ 57.30
Chas. L. Harney	97.51
E. J. Treacy	171.90
Richmond Const. Co.	186.00
Eaton & Smith	217.20

All bidders of San Francisco.

TEHAMA COUNTY—14.8-mi. Widening—(State)

TEHAMA COUNTY, Calif.—Hemstreet & Bell, P. O. Box 550, 501 11th St., Marysville, at $146,014.70 submitted low bid to the State Highway Commission, Sacramento, for 14.8 miles of roadbed widening and constructing widening strips consisting of plant-mixed surfacing (medium curing type) on untreated crushed gravel or stone base, in Tehama County, between southerly boundary and 3 miles north of Los Molinos.

The work involves:

(1) Clearing and grubbing right of way;
(2) 2,500 M. gals. water;
(3) 59,000 c.y. rdwy. excav., unclass.
(4) 4,200 c.y. imported borrow;
(5) 200 c.y. ditch and channel excav.;
(6) 370,000 sta. yds. overhaul;
(7) 2,200 c.y. struc. excav.;
(8) 767 sta. finishing rdwy.;
(9) 22,200 tons untreated crushed gravel or stone base;
(10) 12,400 tons mineral agg. (plant-mixed surfacing);
(11) 565 tons liquid asphalt MC-5 or MC-extra heavy (plant-mixed surfacing);
(12) 68 tons liquid asph. MC-2 (prime coat);
(13) 18,300 sq. yds. asph. paint binder;
(14) 58 tons liquid asphalt MC-3 (seal coat);
(15) 540 tons coarse sand (seal coat);
(16) 640 c.y. Class A Portland cement concrete (struc.);
(17) 64,500 lbs. bar reinf. steel (struc.)
(18) 26,500 lbs. steel I-beams;
(19) 165 c.y. existing concrete removed and disposed of;
(20) 30 each existing culvert headwalls removed and reset;
(21) 1,378 l.f. 12-in. CMP;
(22) 182 l.f. 18-in. CMP;
(23) 68 l.f. 24-in. CMP;
(24) 68 l.f. 30-in. CMP;
(25) 30 l.f. 36-in. CMP;
(26) 46 l.f. 18-in. CMP (siphon);
(27) 104 l.f. 24-in. CMP (siphon);
(28) 188 l.f. existing CMP removed, cleaned and relaid;
(29) 42 l.f. 12-in. stand. reinf. conc. pipe;
(30) 12 l.f. 18-in. do;
(31) 116 l.f. 30-in. do;
(32) 110 l.f. 36-in. do;
(33) 594 l.f. laminated guard railing;
(34) 162 each culvert markers;
(35) 88 each monuments complete in place.

Total bids follow:

(A) Hemstreet & Bell, Marysville	$146,014.70
(B) Union Paving Co., San Francisco	146,605.50
(C) A. Teichert & Son, Inc., Sacramento	146,714.80
(D) Pacific States Constr. Co., San Francisco	165,277.50
(E) Heafey-Moore Co., Oakland	178,786.30
(F) J. A. Casson, Hayward	184,971.40
(G) Peninsula Paving Co., San Francisco	185,607.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1) ..	$1250.00	$3500.00	$2000.00	$550.00	$1500.00	$2150.00	$3000.00
(2)	1.50	.90	2.00	1.25	1.50	2.00	1.50
(3)	.45	.30	.36	.40	.61	.70	.55
(4) ..	.50	.60	.45	.50	.50	.90	.50
(5)	.75	.50	1.00	1.25	1.20	1.20	1.00
(6)	.01	.005	.01	.01	.005	.005	.01
(7)	1.25	1.00	1.25	1.25	1.20	1.50	1.10
(8)	5.00	5.00	5.00	5.00	7.50	4.00	10.00
(9)	1.60	2.05	1.70	2.25	2.00	2.00	2.20
(10)	1.85	2.10	1.90	2.45	3.00	2.60	3.00
(11) .	20.00	20.00	23.00	22.00	18.00	20.00	20.00
(12) . .	25.00	25.00	30.00	25.00	18.00	25.00	25.00
(13)	.05	.02	.02	.02	.015	.015	.03
(14)	25.00	25.00	27.50	25.00	20.00	25.00	25.00
(15) ..	2.90	3.50	2.00	2.00	3.00	3.00	3.00
(16) ..	23.50	18.00	23.00	22.00	25.00	25.00	24.00
(17)	.05	.05	.045	.06	.04	.05	.05
(18)	.08	.07	.07	.11	.06	.08	.07
(19) ..	5.00	4.00	5.00	3.00	5.00	6.00	5.00
(20) ..	10.00	10.00	12.50	12.00	10.00	10.00	15.00
(21) ..	1.20	1.50	1.25	1.35	1.10	1.90	1.25
(22) ..	1.60	2.25	2.00	2.00	2.25	2.20	1.75
(23) ..	2.50	3.00	3.00	3.00	3.25	3.10	2.50
(24) ..	3.00	4.00	4.00	3.50	4.00	3.70	3.50
(25) .	4.50	5.50	6.00	5.00	5.00	5.20	5.00
(26)	2.65	3.00	2.50	3.00	3.50	3.15	2.50
(27)	3.65	4.00	3.50	4.00	4.50	4.15	3.75
(28) ..	.50	1.00	.75	.10	2.00	1.00	.50
(29)	.85	1.50	1.00	1.25	.90	2.50	1.25
(30) . .	1.25	2.50	1.50	2.00	1.40	3.00	2.00
(31) . .	3.30	5.00	3.50	3.00	3.25	4.70	3.50
(32)	3.85	7.00	4.50	1.40	4.30	6.00	5.00
(33)	1.10	1.00	1.20	1.25	1.50	1.50	1.00
(34) . .	2.25	2.00	2.50	3.00	2.00	3.00	2.225
(35)	3.00	2.50	3.00	3.00	3.00	3.00	3.00

BIDS OPENED

TULARE COUNTY, Calif.—Union Paving Co., 624 Call Bldg., San Francisco, at $147,771.90 submitted low bid to the State Highway Commission, Sacramento, for about 6.6 miles grading, surfacing portions with crusher run base and road-mix surfacing, and treating portions with liquid asphalt by the road-mix method, in Tulare County, between Yokohl and one mile north of Lemon Cove.

The work involves:

(1) Clearing and grubbing right-of-way;
(2) 4450 M. gals. water;
(3) 121,000 cu. yds. roadway excavation treatment);
(4) 3,500,000 sta. yds. overhaul;
(5) 1400 cu. yds. ditch excav.;
(6) 3400 cu. yds. struc. excav.;
(7) 150 cu. yds. exist. conc. removed and disposed of;
(8) 347 stations finishing roadway;
(9) 4000 tons crusher run base;
(10) 2700 tons mineral aggregate (road-mix surfacing);
(11) 20 tons liquid asph. SC-2 (prime coat);
(12) 1260 tons liquid asph. SC-4 (road mix surfacing and road-mix surface treatment);
(13) 86,000 sq. yds. preparing, mixing and shaping roadbed, shoulders and road approaches;
(14) 70 tons liquid asphalt SC-2 (penetration treatment;
(15) 260 cu. yds. Class A Portland cement concrete (structures);
(16) 28,000 lbs. bar reinf. steel;
(17) 31 MFBM redwood timber, dense select, all heart, structural grade;
(18) 36 MFBM Redwood timber, select, all heart, structural grade;
(19) 184 lin. ft. 8-in. CMP;
(20) 570 lin. ft. 18-in. CMP;
(21) 1686 lin. ft. 24-in. CMP;
(22) 58 lin. ft. 36-in. CMP;
(23) 50 lin. ft. 26-in. by 6½-in. part circle C M culvert (8 gauge);
(24) 25 each embankment protectors;
(25) 500 lin. ft. laminated guard rail;
(26) 60 each culvert markers;
(27) 475 each guide posts;
(28) 8.2 miles standard property fence
(29) 0.3 mile hog tight property fence
(30) 20 each drive gates;
(31) 0.9 mile property fences removed and disposed of;
(32) 95 each monuments;
(33) 1450 lin. ft. Redwood timber sub-drain;
(34) 110 cu. yds. rock filling material;
(35) 1 only cast steel frame and grate for drop inlet;
(36) 1 only exist. bridge removed and disposed of.

Total bids follow:

(A) Union Paving Co., San Francisco $147,771.90
(B) Basich Bros., Torrance . 150,071.10
(C) A. Teichert & Sons, Inc., Sacramento 152,182.80

Unit bids follow:

	(A)	(B)	(C)
(1)	$800.00	$8000.00	$1500.00
(2)	.80	.50	1.40
(3)	.50	.39	.50
(4)	.004	.004	.003
(5)	.35	.25	1.00
(6)	1.00	1.25	1.00
(7)	3.50	2.00	1.50
(8)	5.00	5.00	6.00
(9)	1.80	2.00	2.70
(10)	1.80	2.50	2.10
(11)	12.00	20.00	11.00
(12)	14.50	15.00	14.00
(13)	.07	.05	.06
(14)	12.00	20.00	11.00
(15)	16.00	25.00	20.00
(16)	.05	.057	.058
(17)	90.00	105.00	100.00
(18)	90.00	92.70	96.00
(19)	1.10	1.35	1.00
(20)	2.00	2.60	1.80
(21)	3.00	4.00	2.80
(22)	5.50	7.00	5.00
(23)	5.00	1.70	2.50
(24)	15.00	11.20	14.00
(25)	1.00	1.50	1.00
(26)	2.00	1.60	2.50
(27)	2.00	1.74	2.00
(28)	450.00	600.00	400.00
(29)	600.00	800.00	650.00
(30)	15.00	20.00	20.00
(31)	50.00	350.00	200.00
(32)	2.50	3.00	3.00
(33)	.50	.54	.40
(34)	3.00	3.00	3.50
(35)	40.00	42.00	45.00
(36)	1.50.00	250.00	200.00

BIDS WANTED

MOHAVE COUNTY, Ariz.—Until December 17, 2 P. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing liquid asphaltic road materials for use on Sections A, B, C, D, and E of Federal Lands Project No. 2, Kingman-Boulder Dam Highway, Mohave County, Arizona, involving:

(1) 301 tons, type SC-2;
(2) 1947 tons, Types MC-2, 3, 4, or 5;
(3) 210 tons, 95 plus.

Plans and specifications obtainable from the Bureau of Public Roads, 814 Title & Trust Bldg., Phoenix, or 807 Sheldon Bldg., 461 Market St., San Francisco, upon deposit of $10.

SANTA CLARA COUNTY—Palo Alto Undergrade Crossing

SANTA CLARA COUNTY, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at $132,205.76 submitted the low bid to State Highway Commission Sacramento, for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad at Embarcadero Road in Palo Alto, consisting of two concrete abutments and steel superstructure, and grading and paving with Portland cement concrete about 0.21 mile.

The work involves:

(1) 26,000 c.y. rdwy. excav., unclass.;
(2) 8,000 c.y. struc. excav.;
(3) 7,000 sq. yds. subgrade for pave.;
(4) 1,400 c.y. Class A Portland cem. conc. (pavement);
(5) 2,800 c.y. Class A Portland cem. con. (structure);
(6) 45 c.y. Class F Portland cement concrete (railing);
(7) 260 c.y. Class A Portland cement conc. (curbs and gutters);
(8) 170 c.y. Class A Portland cement concrete (sidewalk);
(9) 1,900 each pavement dowels;
(10) 232,000 lbs. bar reinf. steel;
(11) 240,000 lbs. fab. struc. steel;
(12) 2,400 lbs. cast steel (catchbasin covers and frames);
(13) 250 l.f. 12-in. CMP;
(14) 104 l.f. 8-in. vit. clay pipe;
(15) 580 l.f. 14-in. do;
(16) 15,100 lbs. pipe handrail;
(17) 126 l.f. 4-in. cast iron pipe;
(18) 400 l.f. 6-in. do;
(19) 890 l.f. 8-in. do;
(20) 42 l.f. 12-in. do;
(21) 110 l.f. 14-in. do;
(22) 2,100 lbs. special castings;
(23) 410 l.f. 4-in. gas main;
(24) 340 l.f. 6-in. gas main;
(25) 1 each 4-in. gas valve;
(26) 1 each 6-in. gas valve;
(27) 4 each concrete manholes;
(28) 1 lot electrical equipment;
(29) 1 lot pumping equipment;
(30) 600 c.y. top soil;
(31) 1,900 sq. yds. lawn;
(32) 37 each prunus bisardi;
(33) 134 each pyracantha yunnanensis
(34) 265 each escallonia rubra;
(35) 1,170 each mesembryanthemum Rosea;
(36) 1 lot irrigating equipment;
(37) 1 lot misc. items of work.

Total bids follow:

(A) Eaton & Smith, San Francisco, $132,205.76.
(B) Barrett & Hilp, San Francisco, $134,986.80.
(C) Union Paving Co., San Francisco, $152,707.60.
(D) F. O. Bohnett, Campbell, $155,316.50.
(E) Rocca & Co., San Rafael, $164,312.10.
(F) A. J. & A. G. Raisch, San Francisco, $164,766.30.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .65	$ .42	$ .85	$ 1.00	$ .98	$ 1.00
(2)	1.25	1.20	1.00	1.00	1.50	2.20
(3)	.11	.11	.15	.15	.20	.17
(4)	8.75	12.00	10.50	11.00	12.00	10.00
(5)	14.20	15.00	15.75	17.00	19.00	19.50
(6)	44.00	75.00	65.00	75.00	80.00	60.00
(7)	15.00	15.00	15.00	17.00	18.00	15.00
(8)	15.00	14.00	15.00	17.00	18.00	12.00
(9)	.26	.20	.45	.40	.30	.20
(10)	.047	.042	.05	.05	.045	.045
(11)	.065	.057	.075	.07	.06	.055
(12)	.15	.10	.15	.15	.15	.11
(13)	1.25	1.20	1.50	1.75	1.90	1.25
(14)	.62	.80	.75	1.00	1.25	.90
(15)	1.00	1.20	1.50	1.50	1.50	1.50
(16)	.19	.15	.15	.15	.10	.14
(17)	.94	1.20	.80	1.00	.70	1.50
(18)	1.25	1.90	1.25	1.25	1.10	1.75
(19)	1.87	2.10	2.00	1.25	1.50	3.00
(20)	3.12	3.30	3.35	4.00	2.25	4.00
(21)	3.75	4.00	3.75	4.00	3.00	5.00
(22)	.08	.08	.10	.07	.10	.08
(23)	.94	1.20	1.25	1.00	1.00	1.10
(24)	1.25	1.90	1.90	1.50	1.80	1.50
(25)	44.00	50.00	75.00	30.00	35.00	40.00
(26)	107.00	80.00	165.00	100.00	80.00	60.00
(27)	94.00	170.00	75.00	150.00	75.00	60.00
(28)	4900.00	5100.00	6500.00	4000.00	5000.00	4000.00
(29)	1500.00	1400.00	1650.00	1200.00	1800.00	1200.00
(30)	.62	2.00	3.00	1.50	2.00	2.00
(31)	.19	.30	.20	.30	1.10	.30
(32)	1.30	2.00	1.20	1.50	2.50	2.00
(33)	.87	.50	.80	1.00	.60	.60
(34)	.87	.60	.90	1.00	1.00	.70
(35)	.01	.04	.10	.10	.15	.02
(36)	292.00	500.00	500.00	500.00	200.00	400.00
(37)	735.00	2830.00	2800.00	1500.00	500.00	1000.00

TOTAL BIDS

OAKLAND, Alameda Co., Cal.—Heafey-Moore Co., 344 High St., Oakland, at $8979.21 submitted low bid to the Oakland City Council, November 29, for the improvement of Twenty-second street, between Cypress and Adeline streets.

Bids were taken as follows:
(1) 2547 c.y. excavation;
(2) 27,519 s.f. rock sub-base;
(3) 27,519 s.f. concrete pavement;
(4) 2,082 s.f. macadam shoulders;
(5) 2 catchbasins, 34-inch;
(6) 3 catchbasins, 21-inch;
(7) 60 l.f. 12-in. vit. pipe conduit;
(8) 60 l.f. 10-in. do.

Total bids follow:
(A) Heafey-Moore Co., Oakland, $8,979.21.
(B) Lee J. Immel, Berkley, $10,263.69.
(C) Ransome Co., Emeryville, $10,334.44.
(D) Albany Cement Contractors, Inc., Berkeley, $10,394.21.

Unit bids follow:

	(C)	(A)	(D)	(B)
(1)	$ .525	$ .30	$ 1.00	$ .60
(2)	.021	.03	.05	.03
(3)	.245	.20	.20	.22
(4)	.057	.07	.03	.07
(5)	75.00	75.00	125.00	60.00
(6)	62.50	55.00	125.00	50.00
(7)	1.75	1.50	2.00	1.50
(8)	1.50	1.25	2.00	1.50

The PWA has allotted a grant of 45% of the total estimated cost of $10-700.

TOTAL BIDS

OAKLAND, Alameda Co., Cal.—Ransome Co., 1030 Hollis St., Emeryville, at $16,320.12 submitted low bid to the Oakland City Council, November 29, for the improvement and widening of Telegraph Ave., between 40th and 51st Streets.

Bids were taken as follows:
(1) 33,792 s.f. grading;
(2) 5,278 l.f. concrete curb;
(3) 57 l.f. existing granite curb to be reset;
(4) 26,412 s.f. concrete pavement;
(5) 650 tons asphaltic concrete mixture;
(6) 2639 s.f. cement sidewalks;
(7) 1151 s.f. concrete driveways;
(8) 10 catchbasins, Type B;
(9) 2 storm inlets, 21-inch;
(10) 325 l.f. 12-in. pipe conduit;
(11) 118 l.f. 10-in. pipe conduit.

The bidders were:
(A) Ransome Co., 4030 Hollis St., Emeryville, $16,320.12.
(B) Lee J. Immel, Berkeley, $16,989.56
(C) W. H. Larson, Berkeley, $17,535.93
(D) Albany Cement Contractors, Inc., Berkeley, $17,967.89.

Unit bids follow:

	(A)	(C)	(D)	(B)
(1)	$ .07	$ .11	$ .10	$ .07
(2)	.46	.45	.50	.45
(3)	.75	1.00	1.00	.60
(4)	.218	.22	.22	.20
(5)	4.25	4.60	5.00	6.00
(6)	.144	.15	.15	.12
(7)	.243	.22	.20	.24
(8)	96.50	80.00	100.00	120.00
(9)	62.50	80.00	50.00	50.00
(10)	2.30	2.00	2.00	2.50
(11)	2.14	1.50	2.00	1.50

The PWA has allotted a grant of 45% of the total estimated cost of $18-800.

CONTRACT AWARDED

CHELAN COUNTY, Washington — Washington Asphalt Co., 220 W. Hudson St., Seattle, at $10,590 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, for surfacing and constructing a bituminous retread surface on about 37.2 miles of State Road No. 10, Junction State Road No. 2, north of Wenatchee to Chelan.

J. F. Forbes, Olympia, at $70,949; and Fred G. Redmond, Yakima, at $72,963, submitted second and third low bids, respectively.

SANTA BARBARA CO.—5.4 m. Grade & Surface—(State)

SANTA BARBARA COUNTY, Cal. Oswald Bros., 366 E. 5th St., Los Angeles, at $94,078 submitted low bid to the State Highway Commission, Sacramento, for about 5.4 miles grading and surfacing with road-mix surfacing over gravel base in Santa Barbara County, between one mile east of Santa Ynez and Los Olivos.

The work involves:
(1) clearing and grubbing right of way;
(2) 320 M. gals. water;
(3) 141,000 c.y. rdwy. excav., unclass.
(4) 317,000 sta. yds. overhaul;
(5) 1,600 c.y. struc. excav.;
(6) 1,400 c.y. ditch and channel excavation;
(7) 289 sta. finishing roadway;
(8) 5,400 c.y. screened gravel base;
(9) 5,600 c.y. mineral agg. (road-mix surfacing);
(10) 650 tons liquid asphalt SC-2 (do);
(11) 66 tons liquid asphalt SC-2 (prime coat);
(12) 85 tons do (shoulders);
(13) 66 tons liquid asphalt SC-3 (seal coat);
(14) 485 tons screenings (seal coat);
(15) 45,000 lbs. bar reinf. steel;
(16) 405 c.y. Class A Portland cement concrete (struc.);
(17) 316 l.f. 8-in. CMP;
(18) 1,200 l.f. 18-in. CMP;
(19) 64 l.f. 24-in. CMP;
(20) 378 l.f. 36-in. CMP;
(21) 22 each spillway assemblies;
(22) 340 l.f. laminated guard railing;
(23) 70 each culvert markers;
(24) 344 each guide posts;
(25) 10.3 miles new property fence;
(26) 30 each gates, 14-ft.;
(27) 8 each gates, 10-ft.;
(28) 125 each monuments.

Total bids follow:
(A) Oswald Bros., Los Angeles ..... $ 94,078.00
(B) Gogo & Rados, Los Angeles 107,890.00
(C) C. F. Fredericksen & Sons, Lower Lake 108,152.10
(D) Gibbons & Reed Co., Burbank 114,117.00
(E) Basich Bros., Torrance 115,247.60
(F) Granfield-Farrar & Carlin, San Francisco 119,983.15
(G) M. J. B. Constr. Co., Stocktoo 134,002.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	.1400.00	2000.00	1500.00	4000.00	2000.00	1500.00	5000.00
(2)	2.15	1.00	2.00	2.50	1.00	2.00	1.00
(3)	.22	.27	.32	.24	.27	.295	.39
(4)	.005	.005	.01	.02	.005	.01	.01
(5)	1.25	.80	1.50	1.00	1.00	1.50	1.50
(6)	1.10	.80	.75	.50	.60	1.00	.40
(7)	4.00	8.00	10.00	6.00	10.00	10.00	5.00
(8)	1.10	2.00	1.00	2.25	2.50	2.35	1.75
(9)	1.80	3.50	1.40	2.50	3.00	2.35	2.50
(10)	14.00	11.00	12.00	13.75	14.00	15.00	13.00
(11)	11.00	9.00	11.00	15.00	13.00	12.50	12.00
(12)	11.00	9.00	11.00	15.00	12.00	12.50	12.00
(13)	15.00	11.30	12.00	15.00	18.00	15.00	14.00
(14)	1.80	2.50	3.00	4.00	4.00	1.75	2.50
(15)	.055	.06	.07	.06	.06	.06	.07
(16)	21.00	17.00	24.00	25.00	20.00	27.00	28.00
(17)	1.00	.80	1.10	1.00	1.10	1.00	1.50
(18)	1.90	1.50	2.00	1.75	1.80	1.75	2.50
(19)	3.00	2.50	3.00	3.00	2.75	2.65	3.50
(20)	5.50	5.00	5.00	5.00	3.00	4.85	5.50
(21)	17.00	15.00	15.00	15.00	13.00	20.00	25.00
(22)	1.10	1.10	1.50	1.00	2.00	1.00	1.50
(23)	3.00	2.50	2.00	1.50	2.00	2.00	2.50
(24)	2.50	3.00	1.75	1.50	2.00	2.00	3.00
(25)	550.00	350.00	600.00	500.00	600.00	600.00	650.00
(26)	20.00	22.00	18.00	20.00	15.00	20.0	21.00
(27)	15.00	20.00	15.00	18.00	15.00	15.00	20.00
(28)	3.00	2.50	2.50	2.50	3.00	4.00	2.00

SAN LUIS OBISPO CO.—6.6 mi. Grade & Surface—(State)

SAN LUIS OBISPO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $177,031, submitted low bid to the State Highway Commission, Sacramento, for about 6.6 miles grading and surfacing with crusher run base and road-mix surfacing in San Luis Obispo County, between one mile east of Cholame and the Kern County line.

The work involves:
(1) 580 M. gals. water;
(2) 271,500 c.y. rdwy. excav.;
(3) 995,000 sta. yds. overhaul;
(4) 4,375 c.y. struc. excav.;
(5) 4,375 c.y. ditch and channel excavation;
(6) 351 sta. finishing rdwy.;
(7) 9,560 c.y. crusher run base;
(8) 9,965 c.y. mineral agg. (road-mix surfacing);
(9) 80 tons liquid asphalt SC-2 (prime coat);
(10) 843 tons liquid asphalt SC-2 (road mix surfacing);
(11) 80 tons liquid asphalt 90-95 (seal coat);
(12) 985 tons screenings (seal coat);
(13) 25 c.y. Class A Portland cement concrete (culvert paving);
(14) 215 c.y. rubble masonry;
(15) 925 sq. yds. constructing paved gutters and inlet aprons;
(16) 580 l.f. 8-in. CMP;
(17) 2,462 l.f. 18-in. CMP;
(18) 572 l.f. 24-in. CMP;
(19) 352 l.f. 30-in. CMP;
(20) 618 l.f. 36-in. CMP;
(21) 494 l.f. 36-in. CMP, 10 gauge;
(22) 230 l.f. 48-in. CMP;
(23) 340 l.f. 48-in. CMP, 8 gauge;
(24) 200 l.f. 90-inch multi-plate CMP (512-18);
(25) 60 l.f. 135-in. do (85-13);
(26) 32 each spillway assemblies;
(27) 5,215 l.f. laminated guard railing;
(28) 370 each guide posts;
(29) 152 each culvert markers;
(30) 13.3 miles new property fence;
(31) 26 each drive gates;
(32) 123 each monuments complete in place.

Total bids follow:
(A) A. Teichert & Son, Inc., Sacramento $177,031.00
(B) Granfield-Farrar & Carlin, San Francisco 202,749.15
(C) Peninsula Paving Co., San Francisco 206,132.75
(D) Union Paving Co., San Francisco 206,910.50
(E) George Pollock Co., Sacramento 237,364.20
(F) Basich Bros., Torrance 239,184.25

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	2.50	2.00	2.00	1.00	3.50	3.00
(2)	.278	.315	.31	.30	.44	.39
(3)	003	005	.005	.01	.01	.008
(4)	1.00	1.50	1.00	1.50	1.00	1.00
(5)	.40	1.00	.60	.60	1.00	.60
(6)	5.00	10.00	5.00	8.00	10.00	8.00
(7)	1.40	1.85	2.00	1.40	2.05	2.50
(8)	1.60	1.75	2.25	1.80	2.35	2.75
(9)	10.50	11.00	17.00	15.00	10.00	12.00
(10)	10.50	11.00	17.00	15.00	10.00	10.00
(11)	16.00	16.00	25.00	20.00	15.00	18.00
(12)	5.00	5.00	4.00	4.00	2.35	2.50
(13)	16.00	30.00	25.00	20.00	13.10	25.00
(14)	16.00	15.00	17.00	16.00	11.00	15.00
(15)	.50	2.00	1.00	2.00	.50	1.00
(16)	1.00	1.00	1.00	1.40	.95	1.20
(17)	1.75	1.75	1.75	2.50	1.50	1.90
(18)	3.00	2.60	2.75	3.50	2.20	2.75
(19)	3.50	3.20	3.25	4.00	2.75	3.10
(20)	5.00	4.85	5.00	6.00	4.10	5.00
(21)	6.00	5.75	6.00	9.00	4.75	6.00
(22)	7.50	6.75	7.50	9.00	5.70	7.00
(23)	11.00	9.35	10.00	12.50	8.00	10.50
(24)	20.00	15.50	16.00	24.00	14.10	19.00
(25)	50.00	40.45	40.00	60.00	36.50	51.00
(26)	15.00	20.00	15.00	15.00	12.00	13.00
(27)	1.00	1.00	1.00	1.00	1.00	1.40
(28)	2.00	2.00	2.00	3.00	2.00	2.00
(29)	2.50	2.00	2.25	2.00	2.00	2.00
(30)	425.00	600.00	500.00	400.00	500.00	650.00
(31)	20.00	15.00	20.00	15.00	22.00	15.00
(32)	3.00	3.00	3.00	3.00	4.00	4.00

VENTURA COUNTY—2.4 Mi. Grade and Surface—(State)

VENTURA COUNTY, Calif.—Daley Corp., 4430 Boundary, San Diego, at $97,029.50 submitted low bid to State Highway Engineer, State Bldg., Los Angeles, November 29, for about 2.4 miles grading and applying road-mix miles grading and applying road-mix surface treatment in Ventura County between West Casitas Pass and East Casitas Pass.

The work involves:

(1) 126 sta. clearing and grubbing right-of-way;
(2) 1900 M. gals. water;
(3) 138,000 cu. yds. roadway excav. unclass.;
(4) 3600 cu. yds. struc. excav.;
(5) 2300 cu. yds. ditch and channel excavation;
(6) 233,000 sta. yds. overhaul;
(7) 126 sta. finishing roadway;
(8) 28,000 sq. yds. preparing, mixing and shaping roadbed;
(9) 30 tons liquid asphalt SC-2 (prime coat);
(10) 340 tons liquid asphalt SC-2 (surface treatment);
(11) 300 tons screenings (armor coat)
(12) 10 tons liquid asphalt 90-95 (armor coat);
(13) 27,000 lbs. bar reinf. steel;
(14) 320 cu. yds. Class A Portland cement concrete (structures);
(15) 1.5 MFBM dense, select, all heart structural Redwood timber;
(16) 13.0 MFBM select, all heart, structural Redwood timber;
(17) 620 lin. ft. 8-in. CMP;
(18) 1600 lin. ft. 24-in. CMP;
(19) 60 lin. ft. 36-in. CMP;
(20) 180 lin. ft. 48-in. CMP;
(21) 23 each spillway assemblies;
(22) 147.5 lin. ft. 75-in. multiplate CMP (47-15);
(23) 132.5 lin. ft. 120-in. multiplate CMP (75-13);
(24) 28 each culvert markers;
(25) 370 each guide posts;
(26) 1.0 mile exist. property fence to be moved and reset;
(27) 1 only exist. arch culvert to be removed;
(28) 64 each monuments complete in place;

Total bids follow:

(A) Daley Corp., San Diego, $97,029.50
(B) Sharp & Fellows Contr. Co., Los Angeles, $99,646.50.
(C) Basich Bros., Torrance, $102,270.
(D) Gibbons and Reed Co., Burbank, $107,468.50.
(E) Granfield, Farrar and Carlin, San Francisco, $109,712.88.
(F) J. E. Haddock, Ltd., Pasadena, 115,835.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 40.00	$ 40.00	$ 50.00	$110.00	$100.00	$ 50.00
(2)	2.00	2.00	1.00	1.50	1.00	2.30
(3)	.325	.35	.38	.34	.35	.41
(4)	.90	1.00	1.00	1.50	1.50	1.85
(5)	1.00	.40	.80	.50	1.00	1.30
(6)	.005	.005	.006	.01	.01	.01
(7)	5.00	5.00	12.00	10.00	15.00	10.00
(8)	.045	.07	.06	.07	.07	.13
(9)	10.00	10.00	10.00	11.00	11.00	10.00
(10)	10.00	10.00	9.00	10.25	10.50	9.35
(11)	3.00	3.50	2.75	3.00	3.00	4.00
(12)	20.00	20.00	22.00	20.00	20.00	21.00
(13)	.05	.05	.06	.06	.05	.06
(14)	28.00	30.00	18.00	24.00	30.00	21.00
(15)	90.00	105.00	100.00	100.00	100.00	120.00
(16)	85.00	95.00	95.00	100.00	90.00	110.00
(17)	.90	1.00	1.00	1.20	1.00	.90
(18)	3.00	2.40	2.50	2.50	2.50	2.60
(19)	5.50	5.00	5.00	4.75	4.75	5.00
(20)	8.00	6.50	7.00	7.75	6.50	7.85
(21)	15.00	16.00	13.50	15.00	20.00	15.00
(22)	24.00	23.00	30.00	22.00	20.00	19.00
(23)	45.00	41.00	45.00	37.00	36.00	40.00
(24)	3.00	3.00	2.00	1.50	2.00	2.00
(25)	2.50	2.00	2.00	1.50	2.00	2.00
(26)	200.00	300.00	300.00	150.00	300.00	500.00
(27)	150.00	500.00	200.00	250.00	200.00	500.00
(28)	2.50	3.00	4.00	2.50	3.00	3.00

BIDS WANTED

CLARK COUNTY, Nev.—Until Dec. 13, 3 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway System in Clark County, within the City of Las Vegas, a length of approximately 2.5 miles.

The work involves:

(1) 1 each remove culvert headwall;
(2) 3,939 l.f. remove fence;
(3) Lump sum, remove bridge (timber);
(4) 1 each, remove trees;
(5) 1 c.y., remove concrete;
(6) 11,120 c.y. roadway excavation;
(7) 29,132 sta. yds. overhaul;
(8) 32,111 c.y. select borrow;
(9) 395 c.y. structure excavation;
(10) 2.5 miles subgrade;
(11) 2.5 miles finish roadway;
(12) 10,090 tons crush. gravel or stone surface (roadway);
(13) 930 tons do (sidewalk);
(14) 552 c.y. Class A concrete;
(15) 13,070 l.f. grouted cobblestone gutter;
(16) 28,150 lbs. reinf. steel;
(17) 124 l.f. 12-in. CMP (dipped);
(18) 40 l.f. 18-in. vit. pipe culvert;
(19) 3,930 lbs. castings;
(20) Lump sum, reconstruct pump house;
(21) 2 each, move fire hydrants;
(22) 1 each, move sign board;
(23) 1 each, move power pole;
(24) 80 l.f. remove and reset 2-inch water pipe;
(25) 3,924 l.f. reconstruct fence.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

CLARK COUNTY, Nev.—Until Dec. 13, 3 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway System in Clark County, Route 5, Section C, from 8 miles south of Railroad Pass to Railroad Pass, a length of approximately 8.3 miles.

The work involves:

(1) 26,100 c.y. rdwy. excav.;
(2) 26,613 sta. yds. overhaul;
(3) 21,300 c.y. select borrow;
(4) 210 c.y. structure excavation;
(5) 8.31 miles subgrade;
(6) 8.31 miles finish roadway;
(7) 21,300 tons crush. gravel or stone surface;
(8) 21 c.y. Class B concrete;
(9) 480 lbs. reinf. steel;
(10) 488 l.f. 18-in. CMP (dipped);
(11) 184 l.f. 24-in. CMP (dipped);
(12) 26 each. monuments.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

BIDS WANTED

WHITE PINE CO., Nev.—Until Dec. 13, 2:45 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Building, Carson City, for the construction of a portion of the State Highway System in White Pine County, Route 4, Section B3, within the City of Ely, a length of approximately 0.88 mile.

The work involves:

(1) Lump sum, move residence.
(2) Lump sum, move garage;
(3) 244 l.f. remove fence;

(1) 275 l.f. remove culvert pipe;
(5) 125 c.y. remove concrete;
(6) 4,960 c.y. rdwy. excavation;
(7) 5,163 sta. yds. overhaul;
(8) 526 c.y. structure excavation;
(9) 0.88 mile subgrade;
(10) 0.88 mile finish roadway;
(11) 2,770 c.y. subbase (pitrun gravel)
(12) 2,840 c.y. crush. gravel or stone surface (roadway);
(13) 260 c.y. do (sidewalk);
(14) 610 c.y. Class A concrete;
(15) 9 c.y. Class B concrete;
(16) 42,690 lbs. reinforcing steel;
(17) 465 lbs. structural steel;
(18) 50 c.y. cement rubble masonry;
(19) 18 l.f. 8-in. CMP (dipped);
(20) 206 l.f. 12-in. do;
(21) 52 l.f. 18-in. do;
(22) 6 l.f. 24-in. do;
(23) 185 l.f. reconstruct fence;
(24) 2,275 lbs. castings;
(25) 4 each remove trees;
(26) 14 each, adjust water valve boxes
(27) 2 each, move gas tanks and pump
(28) 5 each, adjust manholes;
(29) 2 each, move fire hydrants;
(30) lump sum, remove auto wrecks;
(31) 4 each, move street signs.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

*

BIDS WANTED

STOREY AND LYON COS., Nev.—Until Dec. 13, 2 P. M., bids will be received by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a portion of the State Highway System in Storey and Lyon Counties between Virginia City and Silver City, Route 17, Sections B and A2, a length of approximately 5.19 miles.

The work involves:
(1) 2 each remove buildings;
(2) 600 l.f. remove water pipe;
(3) 70 l.f. remove flume;
(4) Lump sum, remove timbers;
(5) 139,200 c.y. rdwy. excav.;
(6) 112,062 sta. yds. overhaul;
(7) 20,300 c.y. select borrow;
(8) 1,000 c.y. structure excavation;
(9) 5.19 miles subgrade;
(10) 5.19 miles finish roadway;
(11) 9,660 tons crush. gravel or stone surface;
(12) 420 c.y. Class A concrete;
(13) 24 c.y. Class B concrete;
(14) 45,460 lbs. reinforcing steel;
(15) 60 c.y. cement rubble masonry;
(16) 1,000 l.f. 18-in. CMP (dipped);
(17) 256 l.f. 24-in. do;
(18) 500 l.f. 3-in. water pipe;
(19) 400 l.f. 4-in. water pipe;
(20) 1 each move pipe culvert headwall;
(21) 170 each monuments;
(22) lump sum, building;
(23) 1,400 lbs. castings;
(24) 2 each tunnel portals;
(25) lump sum, move wooden bin.

Plans and specifications obtainable from the above office upon deposit of $5, of which amount $2.50 will be returnable; and on file at the office of the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco.

*

BIDS OPENED

RIVERSIDE COUNTY, Cal.—R. E. Hazard & Sons, P. O. Box 1438, San Diego, at $28,456 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, November 29, for placing plant - mixed surfacing on about 5.4 miles in Riverside County between 1.4 miles south of Thermal and the Junction with Route 26.

The work involves:
(1) 5.4 miles shoulder grading;
(2) 5.4 miles finishing rdwy.;

LOS ANGELES COUNTY Wilmington Overhead Crossing

LOS ANGELES CO., Cal.—Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $202,941.30 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, November 29, for the construction of a steel and concrete overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway at Wilmington consisting of four 61-ft. 6-in. spans, two 42-in. spans, and two 39-ft. spans and grading and paving approaches with asphalt concrete and Portland cement concrete paving strips.

The work involves:
(1) 21 stations clearing and grubbing;
(2) 1,500 M. gals. water;
(3) 61,500 c.y. rdwy. excav., unclass.;
(4) 2,650 c.y. struc. excav.;
(5) 16,000 sq. yds. subgrade for pave.
(6) 21 stations finishing rdwy.;
(7) 455 tons mineral aggregate (plant mixed surfacing);
(8) 23 tons liquid asphalt MC-5 or MC-extra heavy (do);
(9) 2.1 tons liquid asph. MC-2 (prime coat);
(10) 3,400 tons asphalt concrete (base and leveling course);
(11) 2,000 tons asphalt concrete (type A surface course);
(12) 425 c.y. Class A Port. cem. conc. (pavement);
(13) 465,000 lbs. bar reinf. steel (pavement and structure);
(14) 2,870 c.y. Class A Port. cement concrete (structure);
(15) 74 c.y. Class F do (railing);
(16) 1,300,000 lbs. struc. steel;
(17) 1,160 lbs. cast bronze;
(18) 400 lbs. copper strips;
(19) 400 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks);
(20) 340 l.f. curb armor;
(21) 1,000 l.f. lighting conduit;
(22) 8 each concrete lighting standards;
(23) 75 c.y. concrete to be removed and disposed of;
(24) 1 lot misc. items of work.

Total bids follow:
(A) Sharp and Fellows Contracting Co., Los Angeles, $202,941.30.
(B) Griffith Co., Los Angeles, $212,-637.60.
(C) Bodenhamer Const. Co., Oakland, and C. L. Robbins, Los Angeles, $216,555.00.
(D) Oswald Bros., Los Angeles, $218,-786.70.
(E) R. R. Bishop, Long Beach, $223,-889.35.
(F) Sander Pearson, Santa Monica, $238,306.00.
(G) Mittry Bros., Los Angeles, $240,-281.55.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 5.00	$ 10.00	$ 10.00	$12.00	$ 15.00	$ 10.00	$ 5.00	$ 8.00
(2)	.70	1.00	1.00	.51	1.00	1.00	1.00	1.00
(3)	.25	.35	.30	.30	.29	.28	.38	.40
(4)	.50	1.00	1.50	1.00	1.00	1.50	.90	.95
(5)	.12	.10	.10	.10	.09	.12	.12	.15
(6)	5.00	2.00	5.00	12.00	3.00	5.00	8.00	7.00
(7)	2.95	2.20	3.00	3.10	2.95	3.50	3.50	5.00
(8)	16.00	14.00	15.00	15.00	16.00	20.00	22.00	25.00
(9)	32.00	25.00	20.00	40.00	31.00	25.00	20.00	40.00
(10)	3.20	2.50	3.40	3.50	3.20	4.00	4.00	5.00
(11)	3.35	2.70	3.50	3.80	3.35	4.00	3.80	5.00
(12)	9.60	10.00	10.00	10.00	10.00	9.00	10.75	7.00
(13)	.0375	.04	.04	.046	.038	.045	.05	.034
(14)	15.00	17.73	17.00	18.40	20.00	20.00	18.75	20.00
(15)	45.00	40.00	50.00	55.00	50.00	65.00	95.00	50.00
(16)	.065	.062	.065	.062	.065	.071	.068	.07
(17)	.35	.25	.30	.27	.35	.35	.28	.30
(18)	.40	.40	.50	.32	.30	.35	.38	.30
(19)	15.95	14.00	14.00	14.00	13.00	12.00	12.00	14.00
(20)	.80	1.00	1.00	1.10	1.00	1.00	1.00	1.00
(21)	.57	.60	65	.70	.35	.70	1.50	.50
(22)	260.00	300.00	275.00	315.00	240.00	350.00	305.00	350.00
(23)	2.25	2.00	3.00	3.00	1.00	3.00	3.00	5.00
(24)	1000.00	3000.00	1000.00	500.00	4600.00	1000.00	800.00	760.00

SAN BERNARDINO COUNTY 2.5 Mi. Grade & Surfoace

SAN BERNARDINO COUNTY, Cal.—Geo. J. Bock Co., 1120 N Las Palmas Ave., Los Angeles, at $80,512 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, Nov. 29, for about 2.5 miles grading and applying road-mix surface treatment in San Bernardino County between 1 mile northwest of Lake Arrowhead and Lake Arrowhead Dam.

The work involves:
(1) 18 acres clearing and grubbing;
(2) 118,200 c.y. rdwy. excav., unclass.
(3) 100,300 sta. yds. overhaul;
(4) 2,630 c.y. struc. excav.;
(5) 124 l.f. exist. CMP culverts removed, cleaned and salvaged;
(6) 162 l.f. 8-in. CMP;
(7) 70 l.f. 12-in. CMP;
(8) 440 l.f. 18-in. CMP;
(9) 1,268 l.f. 24-in. CMP;
(10) 274 l.f. 30-in. CMP;
(11) 490 l.f. 36-in. CMP;
(12) 104 l.f. 48-in. CMP;
(13) 4 each spillway assemblies;
(14) 22 c.y. rubble masonry;
(15) 130.3 stations finishing rdwy.;
(16) 3,500 M. gals. water;
(17) 7.5 c.y. Class A Port. cem. conc. (structures);
(18) 760 lbs. bar reinf. steel (struc.);
(19) 3,000 c.y. selected material;
(20) 4,500 mi. yd. haul, selected material;
(21) 356 tons liquid asph. SC-2 (road-mix surface treatment);
(22) 34,000 sq. yds. mixing and shaping oiled material (road - mix surface treatment);
(23) 36 tons liquid asphalt 90-95 (seal coat);
(24) 426 tons screenings (seal coat);
(25) 1,334 l.f. laminated timber guard rail;
(26) 88 each monuments.

Total bids follow:
(A) George J. Bock, Los Angeles, $80-512.30.
(B) Sharp & Fellows Contr. Co., Los Angeles, $83,916.00.
(C) George Herz Co., San Bernardino, $84,925.40.
(D) Basich Bros., Torrance, $91,115.10
(E) Gibbons and Reed Co., Burbank, $94,337.60.
(F) Oswald Bros., Los Angeles, $97,-447.59.
(G) J. E. Haddock, Ltd., Pasadena, $103,739.20.
(H) Lewis Const. Co., Los Angeles, $109,756.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$275.00	$400.00	$370.00	$50.00	$800.00	$580.00	$475.00	$800.00
(2)	.38	.385	.43	.38	.40	.45	.45	.41
(3)	.01	.005	.02	.01	.02	.005	.02	.01
(4)	1.00	1.00	1.00	1.50	1.00	1.75	2.50	1.60
(5)	1.00	1.00	.70	1.00	1.00	.60	1.00	2.00
(6)	1.00	1.10	1.10	1.00	1.25	1.00	1.00	1.50
(7)	1.50	1.30	1.50	1.30	1.50	1.25	1.50	2.25
(8)	2.25	2.00	2.00	1.75	2.00	1.65	1.90	8.50
(9)	3.00	2.50	2.80	2.50	2.75	2.60	3.00	3.75
(10)	3.75	3.20	3.60	3.25	3.50	3.25	3.70	4.25
(11)	6.00	4.80	6.30	5.00	5.00	4.85	5.60	5.50
(12)	8.00	7.00	7.50	7.00	9.00	7.00	7.50	8.00
(13)	20.00	17.50	15.00	13.50	15.00	12.00	18.00	30.00
(14)	15.00	30.00	20.00	10.00	25.00	13.00	25.00	16.00
(15)	5.00	10.00	6.000	10.00	10.00	4.30	10.00	12.00
(16)	1.10	1.00	.30	1.50	1.00	1.90	1.40	1.25
(17)	35.00	40.00	26.00	30.00	20.00	25.00	33.00	35.00
(18)	.08	.10	.08	.06	.06	.06	.08	.07
(19)	.30	.385	.25	.50	.50	.30	.41	.45
(20)	.10	.20	.13	.20	.12	.15	.25	.30
(21)	13.00	12.50	10.00	14.00	12.00	13.00	14.00	28.00
(22)	.06	.07	.045	.07	.06	.055	.13	.17
(23)	25.00	30.00	26.00	30.00	25.00	25.00	30.00	35.00
(24)	3.00	4.50	4.60	4.00	5.00	4.75	5.35	4.00
(25)	1.00	1.25	1.10	2.00	1.25	1.00	1.00	1.30
(26)	3.00	3.00	3.00	4.00	2.50	3.00	3.00	4.50

RIVERSIDE COUNTY — Overhead Crossing — (State)

RIVERSIDE COUNTY, Cal.—B. G. Carroll, 4396 Maryland St., San Diego, at $105,829 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, November 29, for the construction of a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Company about 2.2 miles west of Indio, consisting of one 61-ft. clear span and two 45-ft. 6-in. clear spans, and grading and paving with Portland cement concrete 0.54 mile of roadway.

The work involves:
(1) 2,350 M. gals. water;
(2) 5,300 c.y. rdwy. excav., unclass.;
(3) 1,000 sta. yds. overhaul;
(4) 1,000 c.y. struc. excav.;
(5) 56,600 c.y. imported borrow;
(6) 22,500 c.y. selected do;
(7) 6,410 sq. yds. suograde for pave.;
(8) 28 sta. finishing rdwy.;
(9) 36 tons liquid asph. SC-2 (shoulders);
(10) 23.5 tons do (detour);
(11) 4 tons liquid asph. SC-1A (slopes)
(12) 5,600 sq. yds. preparing, mixing, and shaping shoulders;
(13) 1,805 c.y. Class A Portland cement concrete (pave.);
(14) 189,000 lbs. bar reinf. steel (pavement and structure);
(15) 2,620 each pavement dowels;
(16) 1,300 c.y. Class A Portland cement concrete (struc.);
(17) 28 c.y. Class A do (railing);
(18) 7,030 l.f. furnish. treated Douglas fir piles, including test piles;
(19) 278 each driving do;
(20) 6 each spillway assemblies;
(21) 94 l.f. 8-in. CMP;
(22) 3,059 l.f. laminated timber guard rail;
(23) 6 each monuments;
(24) 1 each temporary pavem't crossing device;
(25) 1 lot misc. items of work.

NOTE: The State reserves the right to omit items 18 and 19 from the contract and reduce the quantity in item 16.

Total bids follow:
(A) B. G. Carroll, San Diego, $105,829.
(B) Lynch-Cannon Engrg. Co., Los Angeles, $105,836.65.
(C) Dimmitt & Taylor, Los Angeles, 109,062.20.
(D) Matich Bros., Elsinore, $111,253.54
(E) Oswald Bros., Los Angeles, $111,595.30.
(F) J. E. Haddock, Ltd., Pasadena, $118,477.50.
(G) Griffith Co., Los Angeles, $120,202.40.
(H) John Strona, Pomona, $128,403.10.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .60	$ 1.50	$ 1.00	$ .95	$ 1.50	$ 2.00	$ 2.00	$ 1.50
(2)	.35	.30	.25	.15	.30	.40	.35	.40
(3)	.05	.03	.03	.01	.02	.05	.01	.03
(4)	1.00	1.00	.50	1.20	1.00	1.75	1.00	1.00
(5)	.37	.36	.35	.38	.41	.36	.40	.41
(6)	1.15	.80	.80	.80	.65	.75	.75	.85
(7)	.10	.10	.12	.12	.10	.12	.10	.18
(8)	10.00	5.00	10.00	3.50	9.00	10.00	5.00	10.00
(9)	12.00	17.00	13.00	11.70	12.00	13.00	14.00	12.50
(10)	27.00	25.00	24.00	29.10	24.00	14.00	15.00	55.00
(11)	27.00	30.00	70.00	32.40	15.00	35.00	35.00	33.00
(12)	.06	.08	.06	.10	.06	.12	.08	.25
(13)	10.70	8.40	10.00	11.53	10.50	12.00	10.00	13.00
(14)	.045	.055	.05	.048	.05	.05	.05	.05
(15)	.10	.11	.15	.11	.12	.12	.12	.14
(16)	15.00	20.00	22.70	21.60	23.50	23.00	28.80	25.50
(17)	20.00	10.00	30.00	46.70	60.00	38.00	40.00	31.00
(18)	.40	.40	.54	533	.45	.63	.50	.50
(19)	8.00	8.00	11.00	10.55	8.25	15.00	20.00	10.00
(20)	15.00	18.00	15.00	11.30	17.50	15.00	25.00	15.00
(21)	1.50	1.05	1.20	.85	1.10	1.00	1.50	1.60
(22)	1.00	.75	1.00	1.00	1.00	1.00	1.50	2.00
(23)	4.00	2.50	3.50	2.50	3.00	3.00	3.00	5.00
(24)	125.00	200.00	170.00	170.75	135.00	100.00	50.00	215.00
(25)	1000.00	2250.00	800.00	889.40	650.00	1600.00	2000.00	1000.00

(3) 7,500 tons mineral aggreg'te (plant mixed surfacing);
(4) 300 tons liquid asphalt MC-4 or MC-5 (plant mixed surfacing);
(5) 63,400 sq. ft. asph. paint binder.

Total bids follow:
(A) R. E. Hazard & Sons, San Diego, $28,456.00.
(B) Oswald Bros., Los Angeles, $30,057.00.
(C) Gibbons & Reed, Burbank, $49,737.00.

Unit bids follow:

	(A)	(B)	(C)
(1)	$275.00	$250.00	$650.00
(2)	150.00	200.00	500.00
(3)	2.35	2.55	4.75
(4)	20.00	22.00	20.00
(5)	.04	.03	.03

30—RESERVOIRS & DAMS

COMPLETE BID LISTING

CASPER, Wyoming — Morrison - Knudsen Co., Boise; Winston Bros. Co., Minneapolis, and the Utah Construction Co., Ogden, bidding jointly, at $2,819,459, as previously reported, submitted low bid to the Bureau of Reclamation, Casper, under Spec. No. 630, for the construction of the Seminoe Dam and Power Plant, Casper-Alvoca Project, Wyoming. The work is located on the Platte River about 37 miles northeast of Parco, Wyoming.

Bids were taken as follows:

SCHEDULE 1: Construction of dam and power plant.

SCHEDULE 2: Construction of highway bridge and road between east end of dam and bridge.

Complete bids follow:
Morrison-Knudsen Co., Utah Constr. Co., and Winston Bros. Co.: Sch. 1, $2,759,804.50; Sch. 2, $69,655; grand total, $2,819,459. Will accept award of Schedule 1 or Schedules 1 and 2 combined, but will not accept award of Schedule 2 alone.
J. C. Maguire Co., Butte Montana: Schedule 1, $2,784,455.50; Schedule 2, $65,425; grand total, $2,849,883.50.
W. E. Callahan Constr. Co. and Gunther & Shirley, Los Angeles: Sch. 1, $2,855,756; Sch. 2, $65,811; grand total, $2,921,567. Will not accept Schedule 2 without Schedule 1.

31—PIPE LINES & WELLS

CONTRACTS AWARDED

KERN COUNTY, Cal.—Macco-Robertson, Ltd., 815 Paramount Boulevard Clearwater, has been awarded contract by the Industrial Fuel Supply Co., 810 S. Flower St., Los Angeles, for excavating, laying, welding, painting and backfilling for a 10-in. natural gas pipe line 22 miles in length in the Mountain View field, Kern County. The owner is furnishing the pipe. The total cost will be about $210,000.

Fluor Corp., Ltd., 909 E 59th Street, Los Angeles, has been awarded the contract for constructing the compressor plant which will consist of 12 200-hp. units. The cost is estimated at $300,000. Work has started.

32—SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

SEATTLE, Wash.—Until December 11, 10 A. M., bids will be received by the Seattle Board of Public Works, G. W. Roberge, Secretary, Room 511 County-City Bldg., foor the construction of Units 3, 4, 6 and 7 of the Henderson Street Trunk Sewer.

Work includes construction of trunk sewers, subsewers, and force mains along Henderson Street, from deep water in Lake Washington to 42nd Ave. South; on Empire Way, from

Henderson St. to an easment in Sections 3 and 4, Township 23 North, Range 4 East, W. M.; etc., including construction of a pumping plant at or in the vicinity of Henderson St. and 54th Ave. S., etc.

Estimated cost $265,000.

Plans and specifications obtainable from the office of the City Engineer, 4th Floor, County-City Bldg.

BIDS OPENED

ROSEBURG, Oregon—Ek & Lind, 1705 N. Humboldt St., Portland, at $98,221 submitted the only complete bid received by the Roseburg City Council for the reconstruction and extension of the sewage system and the construction of a sewage disposal plant.

BIDS WANTED

GLENDALE, Ariz.—Until Dec. 14, 11 A. M., bids will be received by the City of Glendale, for the construction of a sewage treatment plant in accordance with specifications and plans which may be obtained at the office of Headman - Ferguson, Engineers, Home Builders Bldg., Phoenix. J. D. Lynch, mayor. Estimated cost, $35,-000 (PWA funds).

AWARD RECOMMENDED

STOCKTON, San Joaquin Co., Cal. —W. J. Tobin, 3701 Balfour Avenue, Oakland, at $42,447.11 submitted low bid to the Stockton City Council for the construction of a trunk line sewer. The City Council has recommended to the PWA that the contract be awarded W. J. Tobin.

The work involves:
(1) 218 l.f. 8-in. vitrified clay sewer;
(2) 218 l.f. 15-in. vitrified clay sewer;
(3) 8,824 l.f. 24-in. do;
(4) 26 5-ft .diameter manholes (brick.
(5) 8,626 sq. ft. pavement to be replaced.

(A) W. J. Tobin, Oakland, $42,447.11.
(B) Oakland Sewer Const. Co., Oakland, $48,325.21.
(C) Robert B. McNair, Oakland, $56,-664.67.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 2.50	$ 4.50	$ 4.00
(2)	5.02	5.05	4.55
(3)	3.87	4.52	5.50
(4)	140.00	130.00	125.00
(5)	.35	.35	.35

The PWA has allotted a grant of 45% of the total cost, which was estimated at $53,000.

CONTRACT AWARDED

SACRAMENTO, Cal.—A & B Construction Co. and Gogo & Rados, 10024 S. Figueroa St., Los Angeles, jointly, at $41,900 awarded contract by the Sacramento City Council for the construction of storm sewers in L Street between Ninth and Eighteenth Streets.

CONTRACT AWARDED

SACRAMENTO, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $54,900 awarded contract by the Sacramento City Council for the construction of storm sewers in 13th and G Streets.

CONTRACT AWARDED

SACRAMENTO, Cal.—J. W. Terrell, 2765 Donner Way, Sacramento, at $20,401 awarded contract by the Sacramento City Council for the construction of storm sewers in W and X Streets, between 18th and 27th Sts.

BIDS WANTED

SEATTLE, Wash.—Until December 10, 10 A. M., bids will be received by the Seattle Board of Public Works, G. W. Roheke, Secretary, Room 511, County-City Bldg., for the construction of Units 2 and 8 of the Henderson St. Sewer, along East Marginal Way, including construction of a pumping plant at or in the vicinity of Duwamish Waterway and Webster Street.

Estimated cost, $117,000.

Plans and specifications obtainable from the office of the City Engineer.

CONTRACT AWARDED

SANTA ANA, Orange Co., Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $118,500 submitted low bid to the Orange County Flood Control District, Santa Ana, and awarded contract, subject to PWA approval, for the construction of a storm drain located at West Anaheim. The project involves the construction of about 15,000 lin. ft. of reinforced concrete storm drain box section varying from 3x3 ft. to 5x10 ft. inside dimensions.

The approximate quantities are:
(1) 5,400 c.y. reinf. concrete;
(2) 40,300 lbs. reinf. steel;
(3) 1,130 l.f. 30-in. plain conc. pipe;
(4) 60 l.f. 30-in. reinf. conc. pipe;
(5) 32,200 c.y. earthen dike;
(6) 48,600 c.y. struc. excav.;
(7) 3 only sewer manhole covers and frames;
(8) 10 only standard inlet gratings and frames;
(9) 800 l.f. 8-in. vit. clay pipe;
(10) 5,040 ft. redwood lumber.

Total bids follow:

Gogo & Rados, Los Angeles	$118,500
A. & B. Constr. Co., Hynes	128,000
A. Soda & Son, Oakland	128,270
Herbert M. Baruch Corp., L. A.	132,868
Mark Matick, Los Angeles	147,000
Bodenhamer Constr. Co., Oakland & C. F. Robbins, Los Angeles	147,500
G. K. Thompson, Los Angeles	151,700
Heuser & Garnett, Glendale	158,000

December 5, 1935

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Macco Constr. Co., 815 Paramount Blvd., Clearwater, at $23,772.85 submitted low bid and awarded contract (subject to PWA approval) by the Orange County Flood Control District, for construction of a storm drain located at La Veta Ave. near Orange. M. N. Thompson, County Flood Control Engineer. The work involves 6000 lin. ft. of arch covered trapezodial section, 4 ft. deep, 4 ft. bottom width.

The approximate quantities are:
(1) 132 c.y. reinf. concrete;
(2) 8,220 lbs. reinf. steel;
(3) 60 l.f. 30-in. plain concrete pipe;
(4) 44 l.f. 24-in. do;
(5) 120 l.f. 10-in. do;
(6) 120 l.f. 18-in. reinf. concrete pipe;
(7) 72 l.f. 24-in. corru. metal pipe;
(8) 108 l.f. 15-in. do;
(9) 12,630 c.y. struc. excav.;
(10) 115,587 sq. ft. gunite (2-in. average thickness);
(11) 2 only manhole frames and gratings.

Total bids follow:

Macco Constr. Co., Clearwater	$23,772.85
C. F. Robbins, Ventura	28,500.00
S. M. Milovich, Montebella	32,580.00
Gates & Huntley, L. A.	35,990.00
John Oberg, Los Angeles	46,695.00
Case Constr. Co., Alhambra	49,700.00

33— WATER WORKS

BIDS WANTED

SAN FRANCISCO. — Until Dec. 11, 1:45 P. M., informal bids will be received by the Department of Public Works, Room 251, City Hall, for furnishing and installing a redwood tank, complete, including piping, fittings, etc., at the Richmond-Sunset Plant tank in Golden Gate Park. Est. cost, $700.

The work involves:
(1) 30 ft 3-in standard black pipe;
(2) 50 ft 2-in do;
(3) 50 ft. 1-in. do;
(4) 500 bd. ft. redwood lumber in place;
(5) 5 c.y. excavation.

Plans and specifications obtainable from City Engineer John J. Casey, Room 357, City Hall.

ENGINEER APPOINTED

PITTSBURG, Contra Costa Co., Cal.—A. Kempkey, Hobart Bldg., San Francisco, has been appointed to report on possible reservoir sites for a municipal water supply. The survey is being made for the chamber of commerce and other civic organizations which have subscribed $6000 to cover expenses.

BONDS VOTED

ATWATER, Merced Co., Cal. — A proposal to issue bonds in the amount of $50,000 to aid in financing improvements to the municipal water works carried at a special election December 3 by a vote of 253 to 37.

The City has applied for a PWA loan and grant of $71,673.

W. E. Bedesen, Merced, engineer, is completing plans for the improvements.

BIDS WANTED

SAN FRANCISCO.—Until December 11, 2:30 p. m., bids will be received by the Department of Public Works, Wm. H. Worden, Directors, Room 251, City Hall, under Spec. No. 18,873, for the construction of four reinforced concrete fire cisterns, Group 2, A.W.S.S. for Fire Protection. Estimated cost, $28,000.

The work involves:
(1) One 75,000-gal. reinforced concrete cistern at Broadway & Van Ness Ave.;
(2) One 75,000-gal reinforced concrete cistern at Union St. & Van Ness Ave.;
(3) One, 75,000-gal. reinforced concrete cistern at Lombard St. & Van Ness Ave.;
(4) One 75,000-gal. reinforced concrete cistern at Bay St. & Van Ness Ave.;
(5) 112 c.y. test trench excavation, including back fill;
(6) 248 sq.ft. repaving test trenches.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10.

BIDS OPENED

AMITY, Oregon — Schmitt Constr. Co., Portland, at $25,861 submitted low bid to the Amity City Council, November 27, for the construction of improvements to the water system, including new mains, supply line, relining reservoir, etc.

NEW BIDS ASKED

UMATILLA, Oregon. — Until December 11, 2 p. m., new bids will be received by the Umatilla City Council, B. McKenzie, City Recorder, for the construction of improvements to the water works system, under revised specifications, including construction of a supply line, pumping plant, cistern, pump house and reservoir.

Plans and specifications obtainable from the above office upon deposit of $15.

All bids received November 23 were rejected as excessive. United Contracting Co., Portland, submitted low bids at: Schedule 1, $22,448.80; Schedule 2, $20,795.80; Schedule 3, $21,-156.80; Schedule 4, $20,198.80; Schedule 5, $21,428.80; Schedule 6, $20,460.80; Schedule 7, $22,366.80; Schedule 8,

Section 435½, P. L. & R
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25¢ per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

SAN FRANCISCO PUBLIC LIBRARY

IN THIS ISSUE

State Awards $829,000 Highway Contracts

Bids Dec. 30 on Stockton Port Warehouse

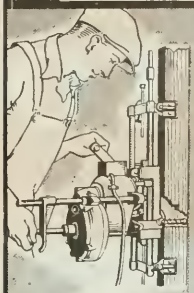
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

mber 14, 1935

Vol. XVIII—No. 50

WAPPAT Electric TOOLS



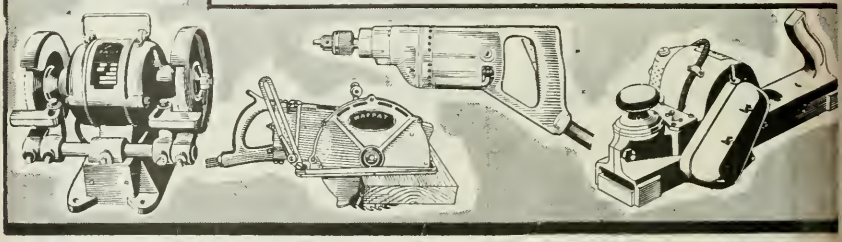
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — 308 E. Third St., Los Angeles
KEarny 4467 — TOOLS RENTED — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock·Sand·Gravel·Plaster
Cement·Mixed Mortar·Stucco
Lath·Lime Putty·Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., DECEMBER 14, 1935 No. 50

NINE STATE JOB AWARDS TOTAL $829,000

Contractors Authorized To Start Works Program Projects

SACRAMENTO, Dec. 12.—Nine contracts were awarded today by the State Division of Highways for work on which the low bids total $829,830. Eight of the awards are for WPH projects. One is from the grade separation program.

Following are the awards:

N. M. Ball Sons Co., P. O. Box 404 Berkeley, grading and surfacing 1.75 miles, Mendocino County, $38,488;

Daley Corp., 4430 Boundary St., San Diego, for grading and surfacing 2.4 miles, Ventura County, $97,129; grading 3.3 miles, San Diego County, $329,813;

R. E. Hazard & Sons, P. O. Box 1438, San Diego, surfacing 5.4 miles in Riverside County, $28,456;

Parish Bros., 1222 N. Gower St., Los Angeles, extension to reinforced concrete girder bridge, Santa Barbara, $12,425;

Southern California Roads Co., 2145 E. Twenty-fifth St., Los Angeles, grading and surfacing 5.1 miles in Kern County, $67,509;

Stewart & Nuss, Inc., and John Jurkovich, 410 Thorne Ave., Fresno grading 1.3 miles in Kern County, $34,328;

Sully-Miller Contracting Co., 1500 W. Seventh St., Long Beach, grading and surfacing 2.9 miles, Orange County, $44,651;

A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, grading and surfacing 6.6 miles, San Luis Obispo County, $177,031.

1936 ROAD BUILDERS' CONVENTION JAN. 20

The 1936 convention of the American Road Builders' Association, chief feature of which will be an "old fashioned" road show with exhibits of machinery and materials for all types of road and street construction and maintenance, will be held in Cleveland, Ohio, the week of January 20, it is announced.

BUILDING PERMIT MONTHLY TOTALS

Building permit totals reported by inspection departments of principal cities in seven western states:

1934	Permits	Value
January	5447	$4,434,236
February	5122	5,442,120
March	5490	6,732,727
April	5729	5,068,765
May	5481	5,775,565
June	5691	5,203,830
July	5623	5,130,440
August	6734	5,307,474
September	7490	5,454,163
October	9173	8,607,019
November	6891	5,681,180
December	5913	5,709,858

1935	Permits	Value
January	6413	$7,435,397
February	6460	8,847,766
March	8253	10,559,100
April	8253	13,155,506
May	8976	11,602,953
June	7998	10,393,190
July	8295	11,384,920
August	8909	11,655,037
September	10,149	9,906,761
October	11,693	11,657,553
November	9,180	11,085,495

Government Survey Reports Employment In Building Steady

Employment in the private building construction industry remained practically unchanged from September to October, according to the U. S. Bureau of Labor Statistics. Based on reports received from 9,851 contractors employing 92,747 workers in October 1935, there was a decline of less than one-tenth of one per cent in employment and a gain of 0.1 per cent in payrolls.

The figures relate to employees engaged in the erection, alteration, and repairing of buildings and do not include projects financed by the Public Works Administration or Reconstruction Finance Corp. funds, regular appropriations of the Federal, state and local governments, or by loans insured by the Federal Housing Administration.

FINAL APPROVAL IN WASHINGTON FOR VALLEY PLAN

Clearance Given To Contracting $15,000,000 Construction Allottment

The revised construction plan for the Central Valleys Project has been authorized by President Roosevelt, according to reports from Washington yesterday. The plan is that previously announced as acceptable to the President in a letter to Senator Hiram Johnson several weeks ago.

The President's commitment was contingent upon approval by Comptroller-General McCarl, which it is understood now has been given.

Under the plan as reported previously the allocation of the initial $15,000,000 to the several units of the development would be as follows:

Excavation and preparation for building Kennett Dam on the Sacramento River, $500,000.

Beginning relocation and reconstruction of railroad and highway to be flooded by Kennett Reservoir, $5,000,000.

Construction of Contra-Costa Canal, $2,500,000.

Purchase of water rights in San Joaquin Valley, $2,000,000.

Construction of Friant Dam, $3,500,000.

Beginning construction of the Friant-Kern Canal, $1,000,000.

Walker Young, supervising engineer for the project, at Sacramento, said his office was prepared to take bids on the first contract as soon as official word is received from Washington. It was not announced what work would be started at once, but the relocation of railway and highway routes at Kennett dam site is believed to be construction which is nearest the contract stage.

Oil burner shipments during the first ten months of 1935 totaled 138,053, as compared with 91,449 during the corresponding period last year, according to Bureau of the Census statistics.

LOW INTEREST ON BONDS FOR PUBLIC WORKS

Favorable Market for Municipal Issues Makes Improvement Cost Low

New bond issues recently voted to finance PWA projects in many cities of Northern California are finding a ready market, many of them being sold at record low interest rates. Municipalities and other local government agencies that have taken advantage of the PWA grant offers are obtaining needed public works at the lowest cost to taxpayers in years, as a result of the government grant and the exceptionally low interest charges on the balance of the cost.

Sacramento, offering a block of $465,000 bonds voted November 5 to finance the city's share of a PWA program, sold the issue at the lowest interest yield in the city's history. The successful bidder offered to take $348,000 of the issue at an interest rate of 2¾ per cent and the balance of $117,000 at 4 per cent. Nine bond brokers made offers.

Mill Valley sold $30,000 of municipal bonds to pay 55 per cent of the cost of a new municipal building at an interest rate of 2.85 per cent.

A short-term issue of $24,000 for the Hanford Elementary School District was sold by the Kings County Board of Supervisors at 2½ per cent interest rate. The bonds mature within eight years. The proceeds are used to match a grant from PWA for erecting a new building.

Santa Clara County Board of Gatos School District amounting to Gates School District amounting to $60,000 received a bid for $15,000 of the issue at 2½ per cent and for the $45,000 balance of 2¾ per cent. Other bonds of the district are paying 4 per cent.

The $55,000 issue of Gustino Union High School District in Merced county sold at an average rate of 3.64 per cent.

FORGED HAMMER STANDARD PRINTED

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R159-35, Forged Hammers, is now available in printed form. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

This recommendation, which was proposed by the Hammer Division of the General Tool and Implement Assn., lists kind, grade, style and weight of handled hammers for all purposes.

The recommendation is effective from July 1, 1935, subject to regular review by the Committee.

Architects' Act Strengthened By New Legal Ruling

Use of the title "Industrial Designer" by any individual who is not a certified architect is a violation of the State Act to Regulate the Practice of Architecture, according to an opinion rendered by Attorney-General U. S. Webb. The attorney-general held also "Store Designer" and "Interior Designer" to be terms indicating the practice of architecture and a violation of the state act unless the person so advertising is in fact certified as an architect.

The opinion was given in response to an inquiry from A. M. Edelman, secretary, Board of Architectural Examiners, Southern District, who asked whether the titles mentioned were within exemptions specified by the act.

The text of the opinion follows:

There is no authorization in this provision for the furnishing of plans etc., for the construction of stores generally, nor for the construction of all kinds of interiors or of industrial establishments of any kind. The above quoted provisions permit a person not certified as an architect to furnish plans, drawings, etc., for store fronts "or for any alterations or additions to any building necessary to or attendant upon the installation of such store fronts," or to furnish plans, etc., for interior alterations or additions, or any alterations or additions to any building necessary to or attendant upon such interior alterations or additions. The exempting provisions, however, do not apply to nor include persons who furnish plans, drawings, specifications, etc. for stores generally, or for new and original interiors.

Advertising oneself as "Store Designer" or "Interior Designer" would be going farther than "advertising or putting out any sign or card or other device which might indicate to the public that such person is qualified to furnish such plans, drawings," etc. Such advertising would indicate to the public that the advertiser is qualified to do designing work of a much broader scope than that which is included in the exempting provisions. I am therefore of the opinion that the representation or advertisement of an uncertificated person as "Store Designer" or "Interior Designer" would be a violation of Section 5 of the Act.

I find no authorization whatever in the act for the advertising of oneself as "Industrial Designer," unles one is regularly certified as an architect. Such advertising by an uncertificated person would also be a violation of Section 5 of the Act.

October orders for steel business furniture amounted to $2,598,393, the Bureau of the Census reports, as compared with $1,661,364 in October, 1934.

STOCKTON PORT ASKS BIDS ON SIX WAREHOUSES

First Of New PWA Fund Allottments Offered For Contract

Bids for constructing six warehouse units at the Port of Stockton will be opened by the port commission December 30, it was announced yesterday by B. C. Allin, port manager. The port has received a loan and grant of $198,000 from PWA for the new construction.

The contract is the first financed in the last allotment of PWA funds, authorized two weeks ago, to be advertised in Northern California.

The new units will complete the first half of the port development plan. They are to be constructed of brick and to be equipped with full fire protection facilities. They will be known as Warehouse C, D, E, F, L and M.

Modesto Engineer To Join Federal Electrical Agency

B. W. Creim, electrical engineer of the Modesto Irrigation District, has notified the district directors he will tender his resignation to be effective not later than December 31. He is leaving the district to joint the staff of the Rural Electrification Administration.

Mr. Creim has been in charge of the Modesto district's electrical department since 1927. He designed and supervised construction of the transmission lines from Don Pedro powerhouse and the sub-stations and additions to the distributing lines. He has served as consulting engineer for the city of Tulare and for the Bidwell Municipal Utility District at Chico in the efforts of these two communities to establish municipal power systems.

He is a fellow of the American Institute of Electrical Engineers.

PALO ALTO SEEKS TO TRANSFER GRANT

Following the decision of the Palo Alto city council to abandon the $550,000 diesel power plant project, application has been made to State Director A. D. Wilder of PWA for transfer of a portion of the $218,100 grant allotted the project to other work which the city plans.

Projects for which aid is asked include a $40,000 public works building to be erected in the city hall park, repaving of streets to cost $43,000, and improvement of the street lighting system at a total estimated cost of $100,000.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1328	Arnott	Owner	6000
1329	Ruisvich	Liebman	13000
1330	Bender	Malloch	3000
1331	Gurley	Milton	1900
1332	Lyon	Messenger	4000
1333	Daniels	Black	8000
1334	Standard	Owner	21000
1335	Heyman	Owner	10500
1336	Devencensi	Foliotti	11000
1337	Ringreasy	Messenger	3000
1338	French	Owner	1390
1339	Austin	Owner	1000
1340	Doelger	Owner	4000
1341	Doelger	Owner	4000
1342	Doelger	Owner	4000
1343	Doelger	Owner	4000
1344	Doelger	Owner	4000
1345	Rissetto	Oliva	3000
1346	Volkman	Nielsen	4000
1347	Billings	Coburn	2000
1348	Stoneson	Owner	3000
1349	Depaoli	Lindsay	3250
1350	Depaoli	Lindsay	3500
1351	Anderson	Binet	1000
1352	Horn	Owner	7000
1353	Ohe	Thulin	2000
1354	Schmidt	Unit	1000
1355	Clarke	Mullen	1700
1356	Gettini	Owner	2000
1357	Galli	Owner	10500
1358	Galli	Owner	3750

DWELLING
(1328) NW TWENTY-SIXTH AVE. and Ocean Ave. One-story and basement frame dwelling.
Owner — James Arnott & Son, 633 Taraval St., San Francisco.
Architect—Not Given. $6000

APARTMENTS
(1329) SW TWENTY-FOURTH AVE and Anza St. Three-story and basement frame apartments.
Owner—Hattie Ruisvich, % Contractor.
Architect—R. R. Irvine.
Contractor—B. Liebman, 1555 Francisco. $13,000

REPAIRS
(1330) NW FREDERICK AND BELvedere Sts. Repair fire damage to apartments.
Owner—Fred and Hazel Bender, Prem
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission St. $3000

STATION
(1331) SE TWENTY-THIRD AVE. and Taraval St. One-story Class C service station.
Owner—Dr. John Gurley, 350 Post St., San Francisco.
Architect—R. C. Schuppert.
Contractor—B. Milton, 589 Haddon Road, Oakland. $1900

DWELLING
(1332) NE PACHECO ST AND 10th Ave. One-story and basement frame dwelling.
Owner—Lyon Realty Co., Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley. $1000

DWELLING
(1333) SW FIFTEENTH AVE. AND Kirkham St. Two-story and basement frame dwelling.
Owner—Harry J. Daniels, 1129 Kirkham St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—Robert G. Black, 1935 Cabrillo St., San Francisco. $8000

DWELLINGS
(1334) W TWENTY-FIFTH AVE. 100, 125, 150, 175, 200 and 275 N Lawton St. Six one-story and basement frame dwellings.
Owner—Standard Building Co., 1500 Judah St., San Francisco.
Architect—Not Given. $3500 each

DWELLINGS
(1335) E THIRTIETH AVE. 25, 50, and 75 S Cabrillo St. Three one-story and basement frame dwlgs.
Owner — Heyman Bros., 742 Market St., San Francisco.
Architect—Not Given. $3500 each

FLATS
(1336) N BAY 150 E Baker St. Two-story and basement frame flats.
Owner — L. Devencensi, % 200 Cervantes Blvd.
Architect—Not Given.
Contractor—R. Foliotti, 200 Cervantes Blvd. $11,000

DWELLING
(1337) NE PACHECO 60 NW Tenth Ave. One-story and basement frame dwelling.
Owner—Mrs. Grace E. Ringreasy, 60 Sansome St., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—J. Messenger, 1507 Lincoln St., Berkeley. $3000

ALTERATIONS
(1338) NO. 1535 VAN NESS AVE. Alter sales rooms.
Owner—J. E. French Co., O'Farrell and Polk Sts., San Francisco.
Architect—Not Given. $1390

ALTERATIONS
(1339) NO. 733 FOURTEEINTH AVE Alter flats.
Owner—Geo. E. Austin, Premises.
Architect—Not Given. $1000

DWELLING
(1340) E THIRTIETH AVE. 200 N Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1341) W SIXTEENTH AVE. 100 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1342) E THIRTIETH AVE. 260 N Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1343) E THIRTIETH AVE. 225 N Lawton St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1344) W SIXTEENTH AVE. 133 N Pacheco St. One-story and basement frame dwelling.
Owner—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1345) S LEO ST. 207 W M[illegible] One-story and basement frame dwelling.
Owner—Paolo Rissetto, 20 Ruth St., San Francisco.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna St., San Francisco. $2000

GARAGE
(1346) W FILLMORE St. One-story private garage.
Owner—Geo. F. Volkman, 2307 Broadway.
Architect — Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—N. F. Nielsen, 666 Mission St., San Francisco. $4000

REPAIRS
(1347) NO. 150 CALIFORNIA ST. Repair fire damage to offices.
Owner—Geo. Billings, % Contractor
Architect—Not Given.
Contractor—Ira W. Coburn, 2048 Market St., San Francisco. $2000

DWELLING
(1348) N SHAWNEE ST. 80 W Cayuga St. One-story and basement frame dwelling.
Owner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect — Chas. F. Strothoff, % Owner. $3000

DWELLINGS
(1349) E CAYUGA 115 AND 140 N Santa Rosa. Two one-story and basement frame dwellings.
Owner—Louis and J. T. Depaoli 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St., $3250 each

DWELLING
(1350) E CAYUGA ST. 90 N Santa Rosa Ave. One-story and basement frome dwelling.
Owner—Louis and J. T. Depaoli 3289 Mission St., San Francisco.
Architect—Not Given.
Contractor—Boyd C. Lindsay, 183 Oxford St. $3500

ALTERATIONS
(1351) NO. 1641-1643 LAKE STREET Alter flats.
Owner—Claude M. Anderson, Prem
Architect—Not Given.
Contractor—John J. & Jos. R. Binet, 633 Masonic Ave., S. F. $1000

REPAIRS
(1352) NO 1370 WASHINGTON ST. Repair fire damage to apartments
Owner—F. Horn, Premises.
Architect—Not Given. $7000

REPAIRS
(1353) NO. 951 HOWARD ST. Repair fire damage to printing plant.
Owner—Fred H. and Amanda Ohe, % Architect.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—A. L. Thulin, 63 Brady St. San Francisco. $2000

ALTERATIONS
(1354) NO. 959 MARKET STREET. Alter store.
Owner—Theodore Schmidt, Premises
Architect—Not Given.
Contractor — Unit Built Fixture Co., 2665 Jones St. $1000

ALTERATIONS
(1355) SW SIXTEENTH AND MISsion Sts. Alter store.
Owner—John Clarke, Premises.
Architect—Not Given.
Contractor—Mullen Manufacturing Co. 60 Rausch St. $170

CLASS A BLDG.
(1356) NE TWENTY-FIFTH ST & Van Ness Ave. South. One-story Class building.
Owner—Harry Gettini, 268 13th St., San Francisco.
Architect—Not Given. $2000

DWELLINGS
(1357) W TWENTY-THIRD AVE. 25, 50 and 75 N Lawton St. Three one-story and basement frame dwellings.
Owner—R. F. Galli, 377 West Portal Ave., San Francisco.
Architect—Not Given. $3500 each

DWELLING
(1358) NW TWENTY THIRD AVE. and Lawton St. One-story and basement frame dwelling.
Owner—R. F. Galli, 377 West Portal Ave., San Francisco.
Architect—Not Given $3750

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1008	Associated	Michel	4000
1009	Steffensen	Steffensen	5000
1010	Anderson	Owner	4500
1011	Cheek	Person	23291
1012	Bank	Campomenosi	7300
1013	Leonardini	Melrose	2000
1014	Pape	Rose	1700
1015	Lapham	Lapham	6000
1016	Tate	Owner	5500
1017	Hofman	Nerheim	4000
1018	Oakland	Branagh	3000
1019	Rowe	Moore	3500
1020	Hammer	Muller	40000
1021	Presbyterian	Milton	2900
1022	Baysen	McDonald	2300
1023	Walker	Owner	4000
1024	Walker	Owner	5000
1025	Bellingham	Rose	1600
1926	Morris	Owner	3500
1027	Hughes	Coats	3750
1028	Koerlin	Gresmond	1400
1029	Kesti	Owner	5500
1030	California	Owner	2500
1031	Fink	Owner	4400
1032	Schemenike	Boyce	2000
1033	Brace	Owner	2500
1034	Hubbard	Owner	3750
1035	McClung	McClung	3500
1036	Fisher	Owner	5000
1037	Croft	Anderson	7200
1038	Paramount	Shannon	1500

STATION
(1006) NO. 1902 OXFORD ST., **BERKELEY.** One-story 3-room comfort station and grease room.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Not Given.
Contractor—Willis F. Lynn. $3500

DWELLING
(1007) NO. 915 SANTA BARBARA St., **BERKELEY.** One-story five-room frame dwelling.
Owner—Mary Lea Shane, 68 San Mateo Road, Berkeley.
Architect Gwynn Officer, 2068 Allston Way, Berkeley.
Contractor—Carl Walstrom, 1417 Excelsior Ave., Oakland. $3200

STATION
(1008) 1900 OXFORD ST., **BERKELEY.** Service station.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect Not Given.
Contractor—Michel & Pfeffer, 10th & Harrison Sts., S. F. $1000

DWELLING
(1009) 2826 68th AVE., **OAKLAND.** One-bay 10-room 2-family dwelling.
Owner Frank Steffensen, 1300 Webster St., Oakland.
Architect Not Given.
Contractor—A. Steffensen, 1300 Webster St., Oakland. $5,900

DWELLING
(1010) 6300 ASCOT DR., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—A. L. Anderson, 1917 16th Ave., Oakland.
Architect—Not Given $4500

DWELLING
(1011) 59 BOWLING DRIVE, **OAKLAND.** Two-story 12-room dwelling.
Owner H. C. Cheek, 2512 Hillegass Ave., Berkeley.
Architect R. I. Stringham, 525 Market St., San Francisco.
Contractor—Emil Person, 829 San Luis Road, Berkeley. $23,291
One-story garage, $1,000.

DWELLING
(1012) 1910 CARTER ST., **OAKLAND.** Two-story 7-room dwelling.
Owner—Bank of America N. T. & S. A., 12th and Broadway, Oakland.
Architect—F. H. Reimers, 233 Post St., San Francisco.
Contractor E. Campomenosi, 6401 Broadway Terrace, Oakland. $7300

ALTERATIONS
(1013) 826 MANDANA BLVD., **OAKLAND.** Alter and addition.
Owner C. Leonardini, premises.
Architect Not Given.
Contractor—Melrose Bldrs., 1700 47th Ave., Oakland. $2,000

REPAIRS
(1014) 828 ARLINGTON, **BERKELEY.** Repair fire damage.
Owner—Florence Pape, 1642 Arch St., Berkeley.
Architect—Not Given.
Contractor A. H. Rose, 478 25th St., Oakland. $1700

DWELLING
(1015) 1067 BROOKWOOD RD., **OAKLAND.** Seven-room dwelling.
Owner—A. R. Lapham, 947 Hillcroft Circle, Oakland.
Architect—Not Given.
Contractor—T. H. Lapham, 546 Kenmore Ave., Oakland. $6,000

DWELLING
(1016) 5141 PROCTOR AVE., **OAKLAND.** Two-story 6-room dwelling.
Owner and Builder—S. P. Tate, 5317 Broadway, Oakland.
Architect—Not Given. $5500

STATION
(1017) NO. 1701 PARK STREET, **ALAMEDA.** Steel service station
Owner—J. G. Hofman, 1407 Park St., Alameda.
Architect—Not Given.
Contractor — Nerheim & Bakke, 3276 Arizona St., Oakland. $4000

ADDITION
(1018) NO. 2934 FORD ST., **OAKLAND.** Addition.
Owner- Oakland Steel Foundry Co., Premises.
Architect—Not Given.
Contractor — John E. Branagh, 116 Monticello Ave., Piedmont. $3000

STORE
(1019) NO. 3561 PIEDMONT AVE., **OAKLAND.** One-story store.
Owner—A. Rowe, Premises.
Architect—Not Given.
Contractor The John J. Moore Co., 351 Hobart St., Oakland. $3500

ALTERATIONS
(1020) NO. 2619 E-TWELFTH ST., **OAKLAND.** Alterations and addition.
Owner—Hammer-Bray Co., Premises.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland. $40,000

STATION
(1021) NO. 1839 HARRISON BLVD., **OAKLAND.** One-story steel service station.
Owner — First Presbyterian Church, 26th and Broadway, Oakland.
Architect—Not Given.
Contractor — B. Milton, 589 Haddon Road, Oakland. $2900

ADDITION
(1022) NO. 1001 FORTY - SECOND St., **OAKLAND.** Two-story brick addition.
Owner—Walter N. Baysen, Premises.
Architect—A. R. Denke, 1419 Broadway, Oakland.
Contractor — A. A. McDonald, 3136 Rawson St., Oakland. $2300

DWELLING
(1023) NO 1161 GRIZZLY PEAK Blvd., **BERKELEY.** One-story 5-room frame dwelling.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $4000

DWELLING
(1024) NO. 40 ACACIA STREET, **BERKELEY.** Two-story 7-room frame dwelling and garage.
Owner—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given. $5000

ALTERATIONS
(1025) NO. 507 MANDANA BLVD., **OAKLAND.** Alterations and addition.
Owner—N. W. Bellingham, Premises.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1600

OFFICE BLDG.
(1026) N. 2980 ELMWOOD AVE., **OAKLAND.** One-story 6-room office building.
Owner—Morris Draying Co., 3010 Elmwood Ave., Oakland
Architect — K. C. Schuppert, 1530 Washington St., Oakland. $3500

DWELLING
(1027) NO. 1605 SPRUCE STREET, **BERKELEY.** Two-story six-room frame dwelling.
Owner—A. B. Hughes, 902 Washington St., Berkeley.
Architect—Not Given.
Contractor — Philip L. Coats, 2837 Foothill Blvd., Berkeley. $3750

ALTERATIONS
(1028) NO. 3215 CALIFORNIA ST., **BERKELEY.** Alterations.
Owner—A. Koerlin, Premises.
Architect—Not Given.
Contractor—J. J. Grismond, 2210 23rd Ave., Oakland. $1400

DWELLING
(1029) NO. 958 PARK LANE, **OAKLAND.** Two-story 7-room dwelling.
Owner—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given. $5500

ADDITION
(1030) NO. 102 FILBERT STREET, **OAKLAND.** One-story brick and concrete addition.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect Not Given. $2500

DWELLING
(1031) NO. 5910 PINEWOOD ROAD, **OAKLAND.** One-story six-room dwelling.
Owner—Dorothy C. Fink, 3101 Morcom Ave., Oakland.
Architect—Not Given. $4100

STATION
(1032) NO. 1949 TWENTY - THIRD Ave., **OAKLAND.** Steel service station.
Owner—O. Schemenike, 1048 Market St., San Francisco.
Architect—Not Given.
Contractor—F. M. Boyce, 1548 Fruitvale Ave., Oakland. $2000

DWELLING
(1033) 6447 GIVEN RD., **OAKLAND.** One-story 5-room dwelling.
Owner and Builder—David and Estella Brace, 1543 Oak St., Oakland.
Architect—E. R. MacDonald, 39th and Broadway, Oakland.
One-story garage, $300. $2500

DWELLING
(1034) 51 MARYLAND, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner and Builder—J. F. Hubbard, 2901 Brookdale Ave., Oakland.
Architect—Not Given. $3750

DWELLING
(1035) 1350 ALBINA, **BERKELEY.** One-story 5-room frame dwelling and garage.
Owner—Denny McClung, 2443 Webster St., Berkeley.
Architect—E. R. DeChance, 364 14th St., Oakland.
Contractor—C. R. McClung, 2443 Webster St., Berkeley. $3500

RESIDENCE
(1036) NO. 409 PARK WAY AVE., **PIEDMONT.** Two-story six-room frame residence and garage.
Owner—H. P. Fisher, 1058 Winsor Ave., Piedmont.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland. $5500

DWELLING
(1037) 1625 LEIMERT BLVD., **OAKLAND.** Two-story 7-room dwelling.
Owner—H. B. Croft, 3831 Brighton Ave., Oakland.
Architect—Not Given.
Contractor—W. H. Anderson, 1014 Doris Court, Alameda. $7200

ALTERATIONS
(1038) 2600 DURANT, **BERKELEY.** Alterations.
Owner—Paramount Hotel Corp., Durant Hotel, Berkeley.
Architect—Not Given.
Contractor—J. O. Shannon, Lake Merritt Hotel, Berkeley. $1500

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
90	Croft	Anderson	7200
91	Regents	Pinwiddie	12869

RESIDENCE
(90) LOT 13 BLK 10, Oakmore Highland Tract, Oakland. Residence.
Owner—H. B. Croft, 4114 Lyman Rd., Oakland.
Architect—Not Given.
Contractor—Walter H. Anderson, 1014 Doris Court, Alameda.
Filed Dec. 5, '35. Dated, Oct. 14, '35.
Foundation poured ..... $ 600
Rough rafters in..... 1600
Plastered 1600
Completion 1600
Usual 35 days..... 1600
60 days after completion 200
TOTAL COST, $7200.00
Bond, $3600. Sureties, A. Turrer, H. Swanson. Limit, 90 days. Plans and Spec. filed.

ADDITION
(31) CAMPUS University of California. Library addition, Architecture Bldg.
Owner—Regents University of California, Berkeley.
Architect—Walter T. Steilberg, 1 Orchard Lane, Berkeley.
Contractor—Dinwiddie Const. Co Crocker Bldg., San Francisco.
Filed Dec. 10, '35. Dated, Dec. 3, '35.
Monthly payments of 75%
Usual 35 days..... 25%
TOTAL COST, $12,869.00
Forfeit, $15 per day. Limit, 120 days. Plans and Specifications filed.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
156	Brackett	Zinkand	7184
157	Ohe	Thulin	2770
158	Norwood	Bernhardt	1534

DWELLING
(157) NE 14th AVE. and Vicente St. All work for one-story and basement frame dwelling except the plumbing fixtures and the water heater.
Owner—John and Nellie Brackett, % contractor.
Architect—H. G. Stoner, West Portal and Portola Drive.
Contractor—Ed. Zinkand & Son, 667 36th Avenue.
Filed Dec. 10, 35. Dated, Dec. 3, '35.
When roof is on..... $1796
Brown coated 1796
Upon completion 1796
Usual 35 days..... 1796
TOTAL COST, $7184
Bond, $3592. Sureties, M. J. White, Carl A. Warden as Warden Brothers. Limit, 75 working days. Plans and Spec. filed.

REPAIRS
(158) 951 HOWARD ST. Repair fire damage to printing plant.
Owner—Fred H. and Amanda Ohe, % architect.
Architect—J. E. Kraft & Sons, Phelan Building.
Contractor—A. L. Thulin, 63 Brady.
Filed, Dec. 10, '35. Dated, Dec. 7, '35.
Upon completion 75%
Usual 35 days..... 25%
TOTAL COST, $2770
Bond, $1385. Sureties, Fidelity & Deposit Co. of Maryland. Limit, on or before Jan. 15, 1936. Spec. filed.

ALTERATIONS
(159) 2451 30th AVE. Alterations and additions to 1-story and basement frame dwelling.
Owner—Gus Norwood, 2451 30th Ave.
Architect—Not Given.
Contractor—Bernhardt & Cowden, 924 Taraval.
Filed, Dec. 10, '35. Dated, June 28, '35
Frame erected $383.50
Brown coated 383.50
Upon completion 383.50
Usual 35 days 383.50
TOTAL COST, $1534.00
Limit, 45 working days from date of contract. Plans and Spec. filed.

SAN FRANCISCO UNDER $1000

SUPPLY station, one-story steel, $700 SW Van Ness and Fell; owner, Calif. Penn. Oil Co., 1559 3rd St; contractor, Michel & Pfeffer, 10th and Harrison Sts.
ALTER store, $250; 1517 Polk St.; owner, Corder & Kepner, 126 Post
ALTER flats, $100; 533 Frederick St.; owner, M. Kreutzmann, Prem.
ALTER dwelling, $300; 2634 Greenwich St.; owner, D. J. and T. Sullivan, 1942 Folsom St.
SIGN, electric, $200; NW Turk and Taylor Sts. owner, Henry's Lunch, Prem., contractor, [illegible] Prod Corp.
FLUES, (2) patent, $50, SE Delano and Seneca Way; owner, Boyd C. Lindsay, 183 Oxford St., contractor, Walter's Furnace Co., 2230 Market St
FLUE (1) patent, $30, 310 Peninsula Ave.; owner, Mrs. De Martini, Prem.; contractor, W. A Burlani, 2555 San Bruno Ave.
FLUES (3), $90; 247 Tocoloma St; owner, W. H. Grahn, % Contractor; contractor, W. A Burlani, 2555 San Bruno Avenue
ALTER store, $300; W Tillman Place 30 W Grant Ave.; owner, B. C. Murray, P. O. Box X, San Mateo contractor, Austin B. Murray, 1651 Mission St.
FLUES (3) patent, $75; SW Seneca Way and Bannock St; owner, Boyd C. Lindsay, 183 Oxford St; contractor, Walter's Furnace Co., 2230 Market St.
FLUES (2) patent, $50; S Seneca Way 27 E Delano St.; owner, Boyd C. Lindsay, 183 Oxford St.; contractor, Walter's Furnace Co., 2230 Market St.
FLUE (1), patent, $30; 171 Vandewater St.; owner, J Manesci, 171 Vandewater St.; contractor, F. Calderoni, 716 Columbus Ave.
ALTER stores, $25; 701½ Jackson St.; owner, Lang family, premises.
SIGN, electric, $125; 3240 23rd Street; owner, C. M. Camcilla, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.
SIGN, electric, $288; 194 West Portal; owner, M. Blackwood, premises; contractor, Pacific Neon Mfg. Co., 2600 18th St.
SIGN, electric, $140; 1602 Haight St.; owner, Elgin Coffee Shop, premises; contractor, Brumfield, 965 Folsom Street.
SIGN, electric, $350; 800 Irving Street; owner, Lundberg's, premises; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $150; 760 Sacramento, owner, Wing Lee Wai Co., premises; contractor, Wonderlite Neon, 170 Otis St.
SIGN, electric, $200; 180 Turk Street; owner, Hotel Governor, premises, contractor, Brumfield, 965 Folsom.
ALTER flats, $80; 1960 Ellis; owner, Henry Rameriz, 19 Beideman.
SIGN, electric, $390; 600 Irving St.; owner, National Cut Rate Liquor Co., premises; contractor, Brumfield, 965 Folsom St.
SIGN, electric, $200; 2800 California St.; owner, General Petroleum Corp. of Calif., Los Angeles.
BUILDING, one-story frame, $500; E Fillmore St. 119 S Chestnut St.; owner, Frank Campbell, Box 830, Menlo Park.
SIGN, veneer, $15; 2585 Mission St.; owner, Hales Mission Store, Prem
FLUES (2) patent, $200; NW Green and Calhoun Streets; owner, Dr. Hans Klussmann, 955 Clayton St.; contractor, John J. De Lucchi, 1526 Powell St.
SIGN, electric, $125; 100 West Portal owner, Hale Bros., Prem.; contractor, Wonderlite Neon, 170 Otis Street.
ALTER dwelling, $628.89; 15 Vasquez St.; owner, John Bale; contractor, James B. McSheehy, 137 Clifford Terrace.
ALTER rooming house, $50; 142 Joice St.; owner, A. Rower, Premises.
SHED, one-story frame, $80; E Vermont St. 183 S 20th St.; owner, P. Bataeff, 837 Vermont St.
ALTER apartments, $113.30; 1421 Hyde St.; owner, F. Corbelli, 1421 Hyde St.; contractor, James B. McSheehy, 137 Clifford Terrace.
FLUES (2), patent, $85; NE 25th and Ocean Aves; owner, Alex Demey, 4105 Lincoln Way; contractor, Pyramid Furnace Co., 70 Otis St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Contracts

1— APARTMENTS

Contract Awarded

APARTMENTS Cost, $8,000
BURLINGAME, San Mateo Co., Calif. Lot 4 Blk 7, Ansel Road.
Two-story frame and stucco apts.
Owner—M. D. Robison, 1400 Belleval, Burlingame.
Architect—Not Given.
Contractor—Burlingame Realty and Building Co., 1090 Burlingame Sq., Burlingame.

Sub-Bids Wanted.

APARTMENTS Cost, $350,000
SAN FRANCISCO, NE Broadway and Buchanan Street.
Ten-story Class A steel frame apartment building (50 3- 4- and 5-rm. apts.) flat roof, steam heating system, wood sash, two elevators, tile baths, hardwood floors, garage, etc.
Owner—Lucille A. Meyer.
Architect—H. C. Baumann, 251 Kearny Street.
Contractor—Meyer Const. Co., 735 Portola Drive.
As previously reported, wrecking contract awarded to Symon Brothers Wrecking Co., 1435 Market St., and the concrete awarded to Golden Gate Atlas Materials Co., 2625 16th Street. Sub-bids are wanted on all other portions of the work.

Contract Awarded

REPAIR APTS. Cost, $4,000
SAN FRANCISCO, NW Frederick St. and Belvedere.
Repair fire damage to apartments.
Owner—Fred and Hazel Bender, premises.
Architect—Not Given.
Contractor—J. S. Malloch, 666 Mission Street.

Contract Awarded

APARTMENTS Cost, $15,000
SAN FRANCISCO, SW 24th and Anza.
Three-story and basement frame and stucco apartments.
Owner—Hattie Ruisvich.
Architect—R. R. Irvine, 2048 Market.
Contractor—Ben Liebman, 1555 Francisco Street.

Plans Being Prepared.

APARTMENTS Cost, $——
SAN FRANCISCO, NW North Point and Webster Streets.
Three - story and basement frame and stucco residence (12 3- and 12 2-room apts.) at roof, tile baths, steam heating system, wood sash, hardwood oors, etc.
Owner—Withheld
Architect—H. C. Baumann, 251 Kearny Street.

BIDS OPENED

SAN GABRIEL, Los Angeles Co., Cal.—As previously reported, Edwin F. Guth Co., St. Louis, Mo., at $325 submitted low bid to Treasury Department, for furnishing and Installing interior lighting fixtures in the U. S. Post Office at San Gabriel. Only other bid was submitted by Mutual Metal Mfg. Co., Chicago, Ill., at $397.

To Be Done By Day's Work.

REPAIR APTS. Cost, $8,000
SAN FRANCISCO, 1370 Washington.
Repair fire damage to apartments.
Owner—F. Horn, premises.
Architect—Not Given.

3— CHURCHES

TO ASK BIDS

SANTA BARBARA, Cal.—Architect Carleton M. Winslow, 1001 Architects' Bldg., Los Angeles, will take bids soon from a selected list of contractors for a new church and Sunday school building to be erected at the corner of State and Padre Sts., Santa Barbara, for the First Congregational Church, Dr. R. Arthur Basham, pastor. The building will be of heavy frame and stucco construction, approximately 95x85 feet in area, L-shape; slate, shingle and copper roofing, wood windows, hardwood floors and trim, tile lavatories, hot air heating, storage water heater, organ, kitchen and dining equipment, etc. Cost, $45,000. 3

4— FACTORIES & WAREHOUSES

Contract Awarded.

ADDITION Cost, $4000
OAKLAND, Alameda Co., Cal. No. 2934 Ford Street.
Addition to foundry.
Owner—Oakland Steel Foundry Co., 2934 Ford St., Oakland.
Architect—Not Given.
Contractor—John E. Branagh, 116 Monticello Ave., Piedmont.

Contract Awarded

ADDITIONS Cost, $40,000
OAKLAND, Alameda Co., Calif. 2619 East 12th Street.
Alterations and additions to factory.
Owner—Hammer Bray Co., premises.
Architect—Not Given.
Contractor—F. A. Muller, 1416 Jefferson St., Oakland.

Contract Awarded.

Cont. Price, $43,980
TERMINAL Cont. Price, $43,980
STOCKTON, San Joaquin Co., Calif. Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton, Port Commission (B. C. Allin, Secretary).
Plans by Engineering Dept. of Owner
Contractor — O. H. Chain, 41 South Sutter St., Stockton.
Complete bids published Nov. 22.

To Be Done By Day's Work.

ALTERATIONS Cost, $6,000
SAN JOSE, Santa Clara Co., Calif. 333 W. Julian Street.
Alterations to Industrial building.
Owner—Food Machinery Corp., premises.
Architect—Not Given.

PREPARING PLANS

LONG BEACH, Cal.—Structural Engineer Wm. J. Moran, 1011 S. Fremont St., Alhambra, is preparing plans for a linseed oil manufacturing plant to be built on a 6-acre site south of Cerritos Channel on the west side of Ford Ave., Long Beach, for Spencer Kellogg & Sons of Buffalo, N. Y.
The mill building, which will house hydraulic presses and special machinery, will be four stories, 60x75 feet in area; steel frame construction, reinforced concrete spandrel walls, floors and roof, steel sash, steel stairs, wire glass, sprinkler system, ventilating equipment, etc. The refinery, to house refining machinery and filter presses, will be four stories, 50x60 feet; steel frame construction, concrete floors and roof, steel sash, wire glass, etc. The boiler house, to be equipped with a 250-hp. water tube boiler, will be 80x100 feet in area, and will have structural steel frame, steel stack, wood roof construction, composition roofing, steel sash, etc. There will be an office building, 18x20 feet, and a warehouse, 30x70 feet, both wood frame and stucco structures. The grain elevator will consist of concrete storage bins, hoppers, hoist and automatic tank scale. The wharf will be 500 ft. long and will be of wood pile construction. Approximately 2000 feet of railroad track will be built. Cost of this portion of the plant will exceed $150,000. Other units are to be added later.

Plans Being Re-Figured.

DAIRY Cost, $——
SAN RAFAEL, Marin Co., Cal. Mary St. near Fourth St.
One-story reinforced concrete dairy and bottling plant (50x100 feet).
Owner—Roberts Dairy, San Rafael.
Architect — N. W. Sexton, deYoung Bldg., San Francisco.
On previous bid opening lowest bid was submitted by Leibert & Trobock, San Rafael, at $12,420.

To Be Done By Day's Work.

ADDITION Cost, $3000
OAKLAND, Alameda Co., Cal. No. 102 Filbert Street.
One-story brick and concrete addition to plant.
Owner—California Packing Corp., 101 California St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded

REPAIR PLANT Cost, $2,770
SAN FRANCISCO, 951 Howard Street.
Repair fire damage to printing plant.
Owner—Fred H. and Amanda Ohe.
Architect—J. E. Krafft & Sons, Phelan Building.
Contractor—A. L. Thulin, 63 Brady St.

5— FLATS

Contract Awarded

FLATS Cost, $12,000
SAN FRANCISCO, N Bay 150 East Baker Street.
Two - story and basement frame and stucco flats.
Ower—L. Devenenzi, 220 Cervantes Boulevard.
Architect—Not Given.
Contractor—R. Foliotti, 200 Cervantes Boulevard.

To Be Done By Day's Work.

ALTERATIONS Cost, $1,500
SAN FRANCISCO, Calif. 733 14th St
Alterations to flats.
Owner—George E. Austin, premises
Architect—Not given.

6—GARAGES & SERVICE STATIONS

Sub-Contract Awarded.
SERVICE STATION Cost, $7,000
PALO ALTO, Santa Clara Co., Calif.
Service station.
Owner—Sarah H. Dolly.
Lessee—Richfield Oil Co., 248 Battery St., San Francisco.
Plans by Engineering Dept. of Lessee.
Contractor—Wells P. Goodenough, 569 Lowell Ave., Palo Alto.
Steel Buildings—Patterson & Koster Iron Works, 280 13th Street, San Francisco.

Contract Awarded.
SERVICE STATION Cost, $5000
ALAMEDA, Alameda Co., Calif. No. 1701 Park Street.
One-story steel service station.
Owner—J. G. Hoffman, 1105 Park St., Alameda.
Architect—Not Given.
Contractor — Nerheim & Bakke, 3276 Arizona St., Oakland.

Planned.
BUS SHED Cost, $10,000
TURLOCK, Stanislaus Co., Cal. High School Campus.
One-story reinforced concrete bus shed (accommodate 9 cars).
Owner—Turlock Union High School District.
Architect—G. N. Hilburn 1213 I St., Modesto.

Contract Awarded.
SERVICE STATION Cost, $——
GRASS VALLEY, Nevada Co., Cal.
One-story steel service station.
Owner — Shell Oil Company, Shell Bldg., San Francisco.
Plans by Engr. Dept. of Owner (L. Raymond White in charge), Shell Bldg., San Francisco.
Contractor—John Huggard, 1066 Bryant St., San Francisco.

Contract Awarded.
GARAGE Cost, $5000
SAN FRANCISCO. W Fillmore St. 107 S Broadway.
One-story private garage.
Owner—George F. Volkman, 2307 Broadway, San Francisco.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—N. F. Nielsen, 666 Mission St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $3000
OAKLAND, Alameda Co., Cal. No. 1949 Twenty-third Avenue.
One-story steel service station.
Owner—O. Schemenski, 1048 Market St., San Francisco.
Architect—Not Given.
Contractor—F. M. Boyce, 1548 Fruitvale Ave., Oakland.

BIDS WANTED
COLTON, San Bernardino Co., Cal. —Until December 27, 10 A. M., bids will be received by Procurement Division, Public Works Branch, Washington, D. C., for furnishing insect screens in the U. S. Post Office, at Colton.
Specifications may be obtained from above office and from the Custodian of the Building at Colton.

7— FEDERAL BUILDINGS

BIDS WANTED
COCO SOLO, Canal Zone.—Until **December 28,** 11 A. M., bids will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for construction of buildings, roads and services at the Naval Ammunition Depot and Naval Submarine Base, Coco Solo, Canal Zone. Specification No. 8124. Est. cost, $265,000. Work involves construction of one quarters, one office and inert storehouse, four smokeless powder magazines, three arch type magazines, two detonator magazines, six hose shelters, bridge, and macadam paving, and includes concrete construction, hollow tile work, steel, iron, bronze work, roofing, waterproofing, sheet metal work, metal windows, pressed steel and metal covered doors, metal lath, plaster work, stucco, marble, slate, tile work, carpentry and joinery, metal and wood screens, sewerage, water, plumbing, electrical and telephone systems.
Plans and specifications may be obtained from above office and from the Commandant, Fifteenth Naval District, Balboa, Canal Zone, and from the Commandant, Eleventh Naval District, San Diego, upon deposit of $50.00.

BIDS OPENED
SAN FRANCISCO—Nick Hemminga 627 38th Ave., at $225 submitted low bid to Material Officer, Marine Hospital, for corridor signs at the Marine Hospital, 14th Ave. and Lake Street.
Complete bids follow:

Nick Hemminga	$225.00
Frank J. Reilly	251.00
Swan The Painter	283.00
Percy Lowe	362.00
Apex Sign Co.	438.00
Pacific Sign Co.	448.00

LOW BIDDERS
SAN DIEGO, Cal.—William P. Neil Co., 4671 E. 49th St., Los Angeles, at $187,000 submitted low bid to Coast Guard Division, Washington, D. C., for the construction of a coast guard air station at North Island San Diego. Three low bids follow:

W. P. Neil Co., Los Angeles	$187,000
L. F. Dow Co., Los Angeles	189,112
Robert E. McKee, Los Angeles	197,800

CONSTRUCTION UNDER WAY
ALCATRAZ ISLAND, Cal.—Leo Epp 4745 Geary St., San Francisco, has started construction for building one steel guard tower on roof of Building No. 82 with wood frame walkway on roof and steel frame bridge, stair, supports and walkways to Guard Tower, east of Building No. 82 and alterations to Buildings Nos. 64, 28, 4, 22, 21 and 86. Cost approximately $44,000.

LATE LOW BID
SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego, at $181,555, submitted late low bid to the Treasury Department for construction of a coast guard air station at North Island, San Diego.
Four lowest bids follow:

M. H. Golden, San Diego	$181,555
W. P. Neil Co., Los Angeles	187,000
L. F. Dow Co., Los Angeles	189,112
Robert E. McKee, Los Angeles	197,800

BIDS OPENED
WHITTIER, Los Angeles Co., Cal. —As previously reported, Mutual Metal Mfg. Co., Chicago, Ill., at $397 submitted low bid to Treasury Department, Washington, D. C., for furnishing and installing interior lighting fixtures in the U. S. Post Office at Whittier.
Only other bid was submitted by Edwin F. Guth Co., St. Louis, Mo., at $415.

Bids Wanted—To Close Jan. 21, 1 P.M.
POST OFFICE Cost, $445,000
SANTA BARBARA, Calif. Anacapa and Canon Perdito Streets.
United States Post Office Bldg. (Spanish style).
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—R. D. Johnson, Architects Bldg., Los Angeles.
Plans and specifications may be obtained from above office.

8— CLUB BUILDINGS

BIDS OPENED
CARPINTERIA, Los Angeles Co., Cal.—Charles M. Urton, 18 N. Calle Alamo, Santa Barbara, submitted low bid to Santa Barbara county supervisors at $15,027 (including alternate for acoustical plaster) for the construction of Veterans' Memorial building in Carpinteria, a PWA project. Nels Oakeson submitted only other bid at $45,975. Recommendation was made that the contract be awarded to Mr Urton. Winsor Soule, 116 E. Sola St., Santa Barbara, architect.

BIDS REJECTED
SOLVANG, Santa Barbara Co., Cal Santa Barbara county supervisors rejected bids received for the construction of a Veterans' Memorial building in Solvang, a PWA project, and will readvertise the job. Wigg Const. Co. submitted the low bid at $18,000. E. K. Lockard, 117 E De la Guerra St., Santa Barbara, architect.

TO ASK BIDS
LOMPOC, Santa Barbara Co., Cal. —Santa Barbara county supervisors will call for bids shortly for the Veterans' Memorial and Civic Center building to be built in Lompoc, a PWA project. PWA recently approved a $35,084 grant for the building, total cost of which is estimated at $78,000. Soule & Murphy, 116 E. Sola St., Santa Barbara, architects.

9— HOSPITALS

Plans Being Completed
HOSPITAL Cost, $75,000
CHICO, Butte Co., Calif. Esplanade bet. Fifth and Sixth Avenues.
One-story reinforced concrete hospital (50-bed capacity) tile roof, steam heating system, etc.; laboratory, surgery rooms, X- ray rooms and resident physician's offices.
Owner—Dr. N. T. Enloe.
Architect—Chester Cole, Chico.
Bids will be asked shortly.

Construction to Start Immediately
HOSPITAL Cost, $60,000
NEVADA CITY, Nevada Co., Calif.
Men's ward to accommodate 22 and women's building to accommodate 40; concrete walls, tile roof, steam heating system, steel sash, wood and linoleum floors, etc.
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by the WPA and materials will be purchased by the county.

Construction To Start Shortly.
ADDITION Cost, $25,000
OROVILLE, Butte Co., Cal.
Additions and alterations to county hospital (capacity 60 beds). (1st unit). reinforced concrete construction.
Owner—County of Butte.
Architect — George Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by the WPA and materials will be purchased by the County.

BIDS WANTED
LONG BEACH, Los Angeles Co., Cal.—Until Dec. 28, 11:30 A. M., bids will be received by Architect I. E. Loveless, 102 S. Robertson Blvd., Beverly Hills, for a 4-story reinforced concrete Class A hospital building to be built at the corner of Tenth St. and Linden Ave., Long Beach, for Sisters

of the Incarnate Word. 1060 Linden Ave., Long Beach. Cost, $255,000.

Low Bidders
WOMEN'S WARD Cost, $187,677
FORT STEILACOOM, Washington.
Four-story and basement reinforced concrete women's ward building at Wester State Hospital (accommodate 245 patients).
Owner—State of Washington (Olaf Olsen, Director of Finance), Olympia, Washington.
Architect—Heath, Gove & Bell, Mock & Morrision, Puget Sound Bank Bldg., Tacoma, Wash.
Low Bidder: Roberts & Johnson, 1111 Commerce, Tacoma, Wash., $108,888.
Plumbing: Bergh-Griggs Co., 936 Commerce, Tacoma, $16,589;
Heating: General Installation Co., Olympia, $18,950;
Electric: Lighthouse Electric Co., 1113 So. K St., Tacoma, $3,130.
Bids held under advisement.

Low Bidders.
ADDITION Cost, $128,996
MEDICAL LAKE, Washington.
Three-story brick and concrete addition to hospital (174x44 ft.) brick exterior walls, hollow clay tile interior partitions, linoleum and tile floors, detention type steel sash, etc.
Owner—State of Washington.
Architect—Geo. M. Rasque, Spokane Savings & Loan Bldg., Spokane.
Low Bidder: Sheble Construction Co., 2019 3d St., Seattle: $105,970.
Heating & Plumbing: A. G. Rushlight, Portland, Ore., $23,798.
Bids held under advisement.

Preparing Preliminary Plans.
ADDITION Cost, $60,000
WEIMAR, Placer Co., Cal.
Addition to tubercular sanatorium.
Owner—Weimar Joint Sanatorium.
Architect — Harry Devine, Cronan Bldg., Sacramento.

10— HOTELS

Plans Being Prepared.
HOTEL Cost, $——
SAN RAFAEL, Marin Co., Calif. (Old Hotel Rafael site).
Four- or five-story hotel (type of construction not determined) 120 rooms, etc.
Owner—Hotel Rafael Corporation.
Architect—A. B. Talbot, 251 Kearny St., San Francisco.

12— POWER PLANTS

SUB-STATION Cost, $195,000
ALAMEDA, Alameda Co., Cal. Eagle and Grand Avenue.
Two-story reinforced concrete substation and one-story reinforced concrete fire alarm building (composition roofing).
Owner—City of Alameda.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Mechanical Engineer—Hunter & Hudson, 41 Sutter St., San Francisco.
Low Bidder: Sub - Station Building—W. E. Lyons Const. Co., 2009 Pacific Ave., Alameda, $35,383.
Bids were taken as follows:
(1) Building Complete:
(1) Additional concrete per c.f.;
(2) "
(3) Additional reinforcing steel per pound;
(4) "
(5) Optional deduction;
(6) "
Complete bids follow:

(A) W. E. Lyons Const. Co., Alameda		$35,383.00
	(1)	.50
	(2)	1.00
	(3)	.05
	(4a)	.06
	(4b)	.05
	(5)	875.00
	(6)	340.00
	(7)	120.00
(B) Dinwiddie Const. Co., San Francisco		$26,300.00
	(1)	.50
	(2)	.80
	(2)	.80
	(3)	.05
	(4)	.05
	(5)	895.00
	(6)	798.00
	(7)	120.00
(C) Monson Bros., S. F.		$36,503.00
	(1)	.65
	(2)	.75
	(3)	.05
(per ton)	(4)	127.00
	(5)	850.00
	(6)	450.00
	(7)	100.00
(D) Kelly & Tulloch, Oakland		$38,048.00
	(1)	2.00
	(2)	2.50
	(3)	.06
	(4)	.05
	(5)	825.00
	(6)	330.00
	(7)	100.00

BIDS OPENED

SPOKANE, Wash. — Puget Sound Constr. Co., Seattle, at $437,475 submitted low bid to the City of Spokane December 5, for construction of control works and power house for the Upriver Station for the City Water Department.

Alloway & George, Spokane, at $486,813 submitted the only other bid.

ALAMEDA, Calif. — Following bids received by the Alameda City Council for furnishing and installing equipment in the proposed new two-story reinforced concrete substation and fire alarm building on Eagle and Grand Ave., Alameda.
(1) Transformers;
(2) Switching & regulator equipment;
(2-a) Ded. for omitting one regulator;
(3) Wiring;
(4) Fire Alarm;
(5) Transformers, switching & regulator equipment;
(6) Transformers, switching, regulator equipment & wiring;
(7) Transformers, regulator equipment, wiring & fire alarm system.

Delta Star Electric Company:	(1)	.....
	(2)	$110,714
	(2-a)	1,744
Westinghouse Elec. & Mfg. Co.:	(1)	$ 27,832
	(2)	115,269
	(2-a)	1,744
Gamewell Fire Alarm Co.	(4)	$28,130
Kenney Bros.	(1)	$28,287
	(2)	96,287
	(2-a)	1,744
	(3)	56,343
	(4)	31,987
	(5)	123,716
	(6)	179,987
	(7)	211,974
General Elec. Company	(1)	$ 27,854
	(2)	115,799
	(2-a)	1,744
	(5)	143,563
Penn. Transformer Co.	(1)	25,260
*Wagner Electric Co.	(1)	26,980
Maloney Electric Co.	(1)	24,504
H. S. Tittle	(3)	56,800
Severin Electric Company	(3)	56,974
Allis Chalmers Mfg. Co.	(4)	27,035

*Bid irregular.

BONDS DEFEATED

SUSANVILLE, Lassen Co., Cal.—A proposal to issue $75,000 in bonds to finance acquisition and construction of an electric generating, transmission and distribution system was defeated at a special election on December 6.

Harry S Riddell, City Engineer.

A PWA loan and grant of $100,000 has been allotted the project.

BIDS WANTED

SAN BERNARDINO CO., Cal.—Until January 14, 10 A. M., bids will be received by the Metropolitan Water District, 306 W 3rd St., Los Angeles, under Spec. No. 136, for the construction of the Iron Mountain pumping plant of the Colorado River Aqueduct.

The work is located in San Bernardino County on the line of the Colorado River Aqueduct, about 13 miles northwest of Rice, and comprises the construction of the Iron Mountain pumping plant buildings together with inlet works, outlet structures, electrical switching station, and other appurtenances:

The work involves:

SCHEDULE 1

Schedule of prices for constructing Iron Mountain pumping plant buildings and appurtenant works.

NOTE: No bid will be considered for less than all the items of Schedules 1 and 2. Award, if made, will be for both schedules as one contract.

(1) 400 c.y. excav., all classes, stripping slopes of loose and unsound rock;
(2) 38,000 c.y. excav., earth, for pump building and control house
(3) 24,650 c.y. ecav., rock, for pump building and control house;
(4) 6000 c.y. excav., earth, for switch house, transformer foundations, trenches for power & control cable systems, 2300-volt switch & transformer rack, oil tanks, and compressor and generator house;
(5) 200 c.y. excav., rock, for do;
(6) 2870 c.y. excav., earth, for delivery pipes, delivery pipe supports and anchors, inclined railway and water storage tanks;
(7) 2400 c.y. excav., rock, for do;
(8) 10 c.y. excav., earth, for delivery pipe gate house, and inclined railway hoist house;
(9) 190 c.y. excav., rock, for do;
(10) 13,500 c.y. excav., rock, for 230-kv. switch rack and roadways;
(11) 200 c.y. excav., rock, for do;
(12) 900 c.y. ecav., earth, for drainage ditches, pipe trenches, and miscellaneous purposes;
(13) 100 c.y. excav., rock, for do;
(14) 28½ l.f. drilling 24-in. diameter plunger well for hydraulic elevator;
(15) 1000 c.y. backfill, not compacted for all structures;
(16) 27,200 c.y. backfill, compacted for all structures;
(17) 424 c.y. rock fill for transformer foundation;
(18) 162,000 sta. yds. earthwork overhaul;
(19) 950 l.f. installing anchor bars in rock;
(20) 400 l.f. drilling grout holes;
(21) 500 c.f. pressure grouting;
(22) 7010 c.y. concrete in substructures of pump building and control house;
(23) 1050 c.y. conc. in 230-kv. switch rack, 2300-volt switch and transformer rack, switch house substructure and transformer foundations, power cable tunnel and oil tank foundations;
(24) 2340 c.y. concrete in delivery pipe supports, anchors and encasement and inlet manifold encasement;
(25) 110 c.y. concrete in delivery pipe gate house and transition;
(26) 422 c.y. concrete in elec. conduit envelopes;
(27) 655,000 lbs. fabricating and placing reinforcement steel in substructures of pump building and control house;
(28) 90,000 lbs. fabricating and placing reinforcement steel in 230-kv. switch rack, switch house substructure, transformer foun-

dations, power cable tunnels & 2300-volt switch and transformer rack foundations;

(29) 93,100 lbs. fabricating and placing reinforcement steel in delivery pipe supports, anchors and encasement, and inlet manifold encasement;

(30) 59,500 lbs. fabricating and placing reinforcement steel in delivery pipe and gate house and transition;

(31) 5800 lbs. fabricating and placing reinf. steel in electrical conduit;

(32) 1900 lbs. furnishing and placing galv. anchor bolts in concrete for all structures;

(33) 5200 lbs. furnishing and placing ungalv. anchor bolts in concrete for all structures;

(34) 24,600 lbs. furnishing and installing track rails and accesories in transformer foundations;

(35) 495 l.f. furnishing & laying track for inclined railway, complete with ties and ballast;

(36) 288,200 lbs. furnishing and erecting galv. struc. steel for 230-kv. and 2300-volt switch and transformer racks;

(37) 20,000 lbs. furnishing and installing miscellaneous iron and steel not galvanized;

(38) 10,000 lbs. furnishing and installing miscellaneous iron and steel galvanized;

(39) 880 lbs. furnishing and installing stair treads and tread plates;

(40) 400 lbs. furnishing and installing black pipe railing;

(41) 3000 lbs. furnishing and installing galv. pipe railing;

(42) 597,000 lbs. furnishing and erecting steel delivery pipes;

(43) 253,000 lbs. furnishing and erecting inlet manifold, branch pipes and pump inlet pipes;

(44) 15,700 lbs. furnishing and installing cast steel and standard steel pipe sleeves and thimbles;

(45) 114,000 lbs. furnishing and installing cast iron pipe, fittings, flor drains and vents, including sewer and waste lines from the plumbing fixtures;

(46) lump sum, furnishing and installing hot and cold water piping and plumbing fixtures in the pump building substructure;

(47) lump sum, furnishing and installing metal toilet partitions in do;

(48) 71 sq. ft. furnishing and installing metal-clad swing doors with metal frames in pump building and switch house substructures;

(49) lump sum, furnishing and installing ventilating duct work in pump building and control house substructures;

(50) lump sum, furnishing and installing metal louvers, and steel sash & glazing, in switch house substructure;

(51) 34 sq. yds. constructing thin partitions of metal lath and plaster, and suspended ceiling;

(52) lump sum, furnishing and installing transite panels and barriers in switch house substructure;

(53) 42,700 tlbs. furnishing and installing metal conduit 1¾-inch and smaller;

(54) 66,700 lbs. furnishing and installing metal conduit 1¾-inch and larger;

(55) 450 l.f. furnishing and installing 1-in. fibre conduit;

(56) 59,500 l.f. 2¾-in. do;

(57) 150 l.f. 3-in. do;

(58) 2000 l.f. 4-in. do;

(59) 700 lbs. furnishing and installing copper sleeves and bars for elec. ground wire system;

(60) furnishing and installing fabricated metal boxes for elec. system;

(60a) 650 lbs. boxes weighing 10 lbs. or less;

(60b) 775 lbs. do, 10 to 25 lbs.;

(60c) 1250 lbs. do, 25 to 40 lbs.;

(60d) 200 lbs. do 40 to 60 lbs.;

(60e) 3000 lbs. do, over 60 lbs.;

(61) 300 lbs. furnishing and installing small commercial type sheet metal boxes for elec. system;

(62) 30 lbs. furnishing and installing small cast metal boxes for elec. system;

(63) lump sum, pump building superstructure including erection of crane;

(64) lump sum, control house super-

(65) lump sum, switch house do;

(66) lump sum, generator and compressor house;

(67) lump sum, concrete water tanks;

(68) lump sum, wood deck and roof over exposed portion of pump building substructure;

(69) 7800 ton-miles hauling steel;

(70) 70,000 ton-miles hauling cement;

(71) overhaul of concrete aggregate, fixed at 10c per c.y.-mile.

SCHEDULE 2

Schedule of prices for constructing Iron Mountain Reservoir and Appurtenant Works.

NOTE: No bid will be considered for less than all the items of Schedules 1 and 2. Award, if made, will be for both schedules as one contract.

(72) 5500 c.y. excav., all classes, for waste-way;

(73) 27,000 c.y. do, for sand trap;

(74) 200,000 c.y. do for reservoir, canal and siphon spillway;

(75) 11,300 c.y. do, for box siphon;

(76) 17,000 c.y. excav., earth, for intake siphons;

(77) 8500 c.y. excav., rock for do;

(78) 21,700 c.y. compacted reservoir embankment;

(79) 250 c.y. compacted canal do;

(80) 23,000 c.y. backfill, not compacted, for strutures;

(81) 50 c.y. backfill, compacted for do

(82) 500 sta. yds. earthwork overhaul

(83) 48,900 sq. yds ahphalt lining for reservoir and embankment;

(84) 290 c.y. concrete in wasteway;

(85) 2800 c.y. concrete in sand trap;

(86) 1800 c.y. concrete in canal, canal spillway and apron;

(87) 350 c.y. concrete in siphon spillway;

(88) 1545 c.y. concrete in box siphon;

(89) 740 c.y. concrete in 16-ft. dia. intake siphon;

(90) 350 c.y. concrete in 5-ft. 6-in. do

(91) 54,000 lbs. fabricating and placing reinf. steel in wasteway;

(92) 315,000 lbs. do in sand trap;

(93) 180,000 lbs. do in canal, canal spillway and apron;

(94) 45,000 lbs. do in siphon spillway;

(95) 366,000 lbs. do in box siphon;

(96) 100,000 lbs. fabricating and placing reinf. steel in 16-ft. diameter intake siphon;

(97) 56,000 lbs. fabricating and placing reinf. steel in 5 ft. 6 in. dia. intake siphon;

(98) 60,000 lbs. furnishing and installing trash rack metal work;

(99) 125,000 lbs. furnishing and installing sand trap metal work;

(100) 1000 lbs. furnishing and installing misc. iron and steel;

(101) 12,500 lbs. installing misc. metal work;

(102) 9000 ton-miles hauling steel;

(103) 35,000 ton-miles hauling cement;

(104) overhaul of concrete aggregates (fixed at 10c per c.y.-mile).

Plans and specifications obtainable at the office of F. E. Weymouth, chief engineer, Room 1007, 306 W. Third St., upon deposit of $5 per set, not returnable.

Certified check or cashier's check, $100,000.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS OPENED

CARSON CITY, Nev. No bids were received for the construction of a research laboratory building by State Highway Engineer, Carson City.

Following submitted bids for the equipment

Braun-Knecht Heimann Company, San Francisco.

American Machinery & Metals Mfg Corp., East Moline, Ill.

Fisher Scientific Co., Pittsburgh.

Humboldt Mfg. Co., Chicago.

W. S. Tyler Co., Cleveland, Ohio

Denver Fire Clay Co., Denver.

Tenius Olsen Testing Machine Co., Philadelphia.

Armanko Office Supply Co., Reno.

Fisher Bailey Co., Robert C. McNairn Machine Co., Sacramento.

Leonard Peterson & Co., Chicago.

A meeting will be held shortly to consider further action on the laboratory building. Equipment bids held under advisement.

Low Bidder.

ALTER CITY HALL Cost, $154,000

PORTLAND, Oregon.

Alterations to city hall (work involves entire re-arrangement of council chambers, opening new entrances, completing rooms in north light well, etc.)

Ower—City of Portland.

Architect—A. E. Doyle, 1040 Pacific Bldg., Portland.

Low Bidder—A. J. Bingham and Son, Couch Building, $161,200 (net bid) $140,540).

Bids Wanted—To Close December 16, 5 P. M. (To Be Opened 8 P. M.)

LIBRARY Cost, $30,000

CHICO, Butte Co., Calif.

Constructing public library building.

Owner—City of Chico.

Architect—Chester Cole, 1418 Second St., Chico.

Plans and specifications may be obtained from H. H. Hume, City Clerk.

Work is financed in part with PWA grant.

BONDS VOTED

LINDSAY, Tulare Co., Cal.—City of Lindsay voted bonds in the amount of $52,000 December 2. Proceeds to finance construction of a new city hall, tennis courts and playground in Lindsay.

Plans being prepared by Architect F. L. Swartz, Erix Bldg., Fresno.

Award Recommended

HALL AND FIRE HOUSE

Contract Price, $52,470

MILL VALLEY, Marin Co., Calif.

Two-story Class C concrete, brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)

Owner—Town of Mill Valley.

Architects—D. E. Jaeke and Walter Falch, 126 Post St., San Francisco.

Contractor—Vincent Maggiore, Sausalito.

Recommendation has been made to PWA that the contract be awarded Mr. Maggiore.

Construction Started.

CITY HALL Cost, $25,000

AUBURN, Placer Co., Calif.

One- and two-story reinforced concrete city hall and central fire house.

Owner—City of Auburn.

Architect—George Sellon, California State Life Bldg., Sacramento

Labor will be furnished by the WPA and materials will be purchased by the City immediately.

Construction To Start Shortly.
CITY HALL Cost, $25,000
NEVADA CITY, Nevada Co., Calif.
One - story reinforced concrete City Hall.
Owner—City of Nevada City
Architect — George Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by the WPA and materials will be purchased by the City.

Bids Rejected.
MEMORIAL BLDG Cost, $32,500
TUOLUMNE, Tuolumne Co., Calif.
One-story brick and concrete memorial building (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne
Architect — Frank V. Mayo, 108 East Miner St., Stockton.
New bids will be asked within a few days.
On bid opening lowest bid was submitted by Sam Eyre, Tracy, at $31,917.
Complete bids published Dec. 5.

Bids Opened.
LIBRARY Cost, $29,776
ALAMEDA, Alameda Co., Cal. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St. Alameda.
Low Bidder—J. J. Grodem, 1028 San Antonio Ave., Alameda.
Complete bids follow:

J. J. Grodem, Alameda	$23,500
Kelly & Tulloch, Oakland	28,483
Monson Bros., San Francisco	29,860
Meyer Constr. Co., S. F.	30,269

Bids held under advisement.

Construction To Start Shortly.
CIVIC BLDGS. Cost, $30,000
SONORA, Tuolumne Co., Calif.
One-story City Hall, firehouse, library, etc. (reinforced concrete construction.)
Owner—City of Sonora.
Architect—G. N. Hilburn, 1213 I St., Modesto.
Project approved by the WPA. Materials will be purchased by the City.

Preparing Preliminary Plans.
AUDITORIUM Cost, $118,181
EUREKA, Humboldt Co., Calif. F St. between 11th and 12th.
One - story and balcony civic auditorium (solid block redwood floor foundations, reinforced concrete, steel arch, etc.) seating capacity of 3300.
Owner—City of Eureka.
Architect — Frank T. Georgeson, Eureka.

Contract Awarded
ADDITION Cont. Price, $29,713
WOODLAND, Yolo Co., Calif.
Completion of city hall (frame and stucco construction).
Owner—City of Woodland.
Architect — Harry J. Devine, Cronan Bldg., Sacramento.
Contractor—Chas. Unger, 2426 Seventh Ave., Sacramento.

BIDS WANTED
OAKLAND, Cal.—Until December 24 10:30 A. M., bids will be received by G. E. Wade, County Clerk, Alameda County Board of Supervisors, for construction of additional equipment and facilities for the Jail and District Attorney's Office in the Alameda County Court House, located at Fallon, 12th, Oak and 13th Sts., Oakland.
Plans prepared by Architects W. G. Corlett, Henry A. Minton, James W. Plachek, Wm. E. Schirmer and Carl Werner, 910 Bank of America Bldg., Oakland.
Plans and specifications may be obtained from the County Clerk upon deposit of $25.00.

Turbine Contract Awarded.
POWER PLANT Cost, $1,800,000
RICHMOND, Contra Costa Co., Calif. (Richmond Refinery).
New steam power plant (to contain 3 steam boilers with maximum working pressure of 900 lbs. per sq. in. and capable of generating 125,000 lbs. of steam per hour, 3 4000 kilowatt steam turbine generators, etc.)
Owner—Standard Oil Co., 225 Bush St. San Francisco
Plans by Engineering Dept. of Stone & Webster.
Contractor—Stone and Webster, 1656 Russ Bldg., San Francisco.
Turbines—General Electric Co., Russ Building, San Francisco
Construction will start about Jan. 1.

Planned
MUNICIPAL BLDG Cost, $50,000
PORTERVILLE, Tulare Co., Calif.
Municipal building.
Owner—City of Porterville.
Architect—W. D. Coates, Rowell Bldg. Fresno
Application will be filed with WPA.

NEW BIDS WANTED
CARSON CITY, Nev.—Until Jan. 3 2 P. M., new bids will be received by Robert A. Allen, State Highway Engineer, Heroes Memorial Bldg., Carson City, for the construction of a Materials and Research Laboratory Building at Carson City.
Plans and specifications may be obtained from above office upon deposit of $5, of which amount $2.50 will be refunded upon return of plans in good condition.
No bids were received on the previous bid opening.

Planned.
ADDITION Cost, $——
OROVILLE, Butte Co., Cal.
Alterations and additions to jail (add third story, etc.)
Owner—County of Butte.
Architect—George Sellon, California State Life Bldg., Sacramento.

Bids Wanted—To Close January 3, 2 P. M.
LIBRARY & COURT Cost, $165,000
CARSON CITY, Ormsby Co., Nev.
Two-story, basement and mezzanine floor library and Supreme Court building (77x100 feet) reinforced terra cotta blocks, (first floor, library; second floor, court offices, etc.) one elevator, etc.
Owner—State of Nevada.
Architect—F. J. DeLongchamps, Inc., Gazette Bldg., Reno.
Plans and specifications may be obtained from the architect upon deposit of $5.00, of which amount $2.50 will be refunded upon return of same in good condition within ten days after bid opening.

BONDS DEFEATED
RENO, Nevada — Washoe County voters defeated bond issue December 7 in the amount of $285,000. Proceeds were to have financed construction of alterations to the courthouse in Reno, Nevada.
Preliminary plans prepared by Architect F. J. DeLongchamps, Gazette Bldg., Reno.

NEW BIDS TO BE ASKED
SOLVANG, Santa Barbara Co., Cal. —Until Monday, Jan. 6 (tentative date subject to approval of FWA) new bids will be received by the Santa Barbara county supervisors for the construction of a Veterans' Memorial building in Solvang, a PWA project. At the previous opening the low bid was submitted by Wigg Const. Co. at $48,000. The building will contain an auditorium to seat 600 persons; wood frame and stucco construction, tile roof, oil burning furnace, etc. E. K. Lockard, 117 E. De la Guerra Street, Santa Barbara, architect.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. 1635 Shasta Ave.
Two-story frame and stucco residence (six rooms).
Owner and Builder — Rollie Williams, 1497 Shasta Ave., San Jose.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 260 Brooklyn Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—H. E. Gillespie, 264 Brooklyn Ave., San Jose.
Architect—Not Given.
Contractor—Chester A. Higgins, 342 Spencer Ave., San Jose

Owner Taking Bids
DUPLEX RESIDENCE Cost, $8,000
SAN MATEO, San Mateo Co., Calif. Eighth Avenue.
Two - story frame and stucco duplex residence (two 5-room residences) shingle roof, gas heating system, hardwood floors, etc.
Owner—Walter Von Bergmann, 205 8th Ave., San Mateo.
Architect—Ed. M. Sharpe, 525 Market St., San Francisco.

Contract Awarded
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, East Cayuga North Santa Rosa Avenue.
Three one-story and basement frame and stucco residences.
Owner—Louis and J. T. Depaoli, 3289 Mission Street.
Architect—Not Given.
Contractor—Boyd Lindsay, 183 Lindsay Street.

Bids In—Held Under Advisement.
RESIDENCE Cost, $——
SAN FRANCISCO, Russian Hill.
Two - story and basement frame and stucco residence (7 rooms and 3 baths) terra cotta tile roof, wood sash, gas heating system, etc.
Owner—Withheld.
Architect—Farr & Ward, 68 Post St.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
OAKLAND, Alameda Co., Cal. No. 958 Park Lane.
Owner and Builder—David Kesti, 2217 Browning St., Berkeley.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $6,000
OAKLAND, Calif. 1067 Brookwood Road.
Two-story frame and stucco residence (7 rooms).
Owner—A. R. Lapham, 947 Hillcrest Circle.
Contractor—Theo. H. Lapham, 546 Kenmore Ave.

To Be Done By Day's Work.
RESIDENCE Cost, $5,500
OAKLAND, Calif. 5141 Proctor Ave.
Two-story residence (6 rooms).
Owner & Builder—S. P. Tate, 5317 Broadway.

Contract Awarded.
RESIDENCE Cost, $5,000
SAN FRANCISCO, NW 23d Ave. & Noriega.
One-story and basement frame residence.
Owner—Anza Home Bldg. Co., 321 Kearny St.
Architect—Albert Larson, 2671 16th Ave.

Contractor—Oliver M. Rousseau, 321 Kearny St.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Calif. W 21st Ave. 250 and 275 S. Pacheco.
Two one-story and basement frame residences.
Owner & Builder—Herman Christensen, 1422 27th Ave.

Contract Awarded.
RESIDENCE Cost, $3,000
SAN FRANCISCO, Cal. N. Portola Drive 248 E. Claremont.
One-story and basement frame residence.
Owner—Ed Rosemont, 176 Duboce Ave.
Architect—Martin A. Sheldon, 819 Monadnock Bldg.
Contractor—G. P. W. Jensen & Sons, 320 Market St.

Owner Taking Bids
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co. Cal.
One - story brick veneer and redwood residence (3 bedrooms, 3 bathe) shingle tile roof (split shake alternative) oak floors, oil heating system, etc.
Owner—Mr. and Mrs. W. O. Tyson, 136 Grand, Redwood City.
Architect—Gardner A. Dailey, 210 Post St., San Francisco.

Contract Awarded
RESIDENCE Cost, $11,000
PALO ALTO, Santa Clara Co., Calif. 1991 Bryant Street.
Two - story and basement frame and stucco residence.
Owner—Paye H. Drysdale, 715 Homer Ave., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Aro & Okerman, Box 433, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $7250
OAKLAND, Alameda Co., Cal. Oakmore Highland Tract.
Two-story frame and stucco residence
Owner—H. B. Croft, 4114 Lyman Rd., Oakland.
Architect—Not Given.
Contractor — Walter Anderson, 1011 Doris Court, Alameda.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. E 30th Avenue S Cabrillo.
Three one-story and basement frame and stucco residences.
Owner and Builder—Heyman Brothers 742 Market Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO, W 25th Avenue N Lawton Street.
Six one-story and basement frame and stucco residences.
Owner and Builder—Standard Building Co., 1500 Judah Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
SAN FRANCISCO. NW 26th Avenue and Ocean.
One - story and basement frame and stucco residence.
Owner and Builder—James Arnott & Son, 633 Taraval Street.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $——
AVENAL, Kings Co., Calif.
Two one-story frame and stucco residences (6 rooms ea.) composition shingle roofs, hardwood floors, etc.
Owner—Capital Co., 525 Market Street San Francisco.
Plans by Construction Dept. of Owner.
Contractor—J. K. Hougham, 513 So Court St., Visalia.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 2190 Webster Street.
One-story and basement frame and stucco residence.
Owner—Walter Drugg, 1050 Creek Dr. Menlo Park.
Architect—Not Given.
Contractor—A. A. Smith, % Owner.

Contract Awarded.
RESIDENCE Cost, $4000
PALO ALTO, Santa Clara Co., Calif. No. 334 College Avenue.
One-story and basement frame and rustic residence.
Owner—A. C. Dodge.
Architect—Not Given.
Contractor—C. A. Pellymounter, 585 Bailey Ave., Mt. View.

To Be Done By Day's Work.
RESIDENCE Cost, $5500
SACRAMENTO, Sacramento Co., Cal. NO. 1540 Markham Way.
One-story and basement frame and stucco residence.
Owner and Builder—A. B. Ashbury, 1736 41st St., Sacramento.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif. 1217 E Main Street.
One-story and basement frame and stucco residence.
Owner and Builder — Frank Guyon, 1211 E. Main St., Stockton.
Architect—Not Given.

Contract Awarded.
RESIDENCE Cost, $5000
STOCKTON, San Joaquin Co., Calif.
One-story and basement frame and stucco residence.
Owner — Stockton Electric Railroad Co., No. California St., Stockton.
Architect—Not Given.
Contractor—P. C. Hunt, P. O. Box 104 Stockton.

Low Bidder.
RESIDENCE Cost, $——
PASATIEMPO, Santa Cruz Co., Cal.
Two-story wood frame residence (12 rooms, 4 baths) shingle roof, wood sash, gas heating system, hardwood floors.
Owner—O. M. Lombardi.
Architect—W. W. Wurster, 260 California St., San Francisco.
Low Bidder — Darrow Palmer, 254 Branciforte Ave., Santa Cruz.
Bids held under advisement.

Contract Awarded.
RESIDENCE Cost, $4400
SOUTH SAN FRANCISCO, San Mateo Co., Calif.
One-story frame and stucco residence.
Owner — Chas. Sassmann, 620 Grand Ave., South San Francisco.
Architect—Not Given.
Contractor—Independent Constr. Co., 549 Fell St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (6 rooms) French style; wood shingle roof, tile baths, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—Victor Galbraith, 9539 Acacia St., Stockton.
About ten days will be allowed for figuring the plans.

Contract Awarded.
RESIDENCE Cost, $5000
REDWOOD CITY, San Mateo Co., Cal. No. 138 Brewster Avenue
One-story and basement frame and stucco residence (6 rooms).
Owner—James E. Ryan, 146 Iris St., Redwood City
Architect—Not Given.
Contractor — E. Steinegger, 371 Alameda de las Plugas, Redwood City

To Be Done by Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. W Sixteenth Ave. N Pacheco Street.
Two one-story and basement frame and stucco residences.
Owner and Builder—Henry Doelger Builder, Inc., 320 Judah St., San Francisco.
Architect—Not Given.

Preparing Working Drawings.
RESIDENCE Cost, $8000
OAKLAND, Alameda Co., Calif. Oakmore Highlands.
Two-story and basement frame and stucco residence (7 rooms and 3 baths) tile roof, gas heating system, hardwood floors, wood sash, tile baths, etc.
Owner—Withheld.
Architect—Ray Keefer, 770 Wesley St. Oakland.
Bids will be asked in about two weeks.

CONTRACT AWARDED
SAN FRANCISCO — Hanson Bros., 5840 Mission St., at $3500 awarded contract by Department of Public Works, for temporary classroom buildings at Lowell High School, Hayes St., bet. Ashbury and Clayton Sts.
Complete bids published Dec. 5.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO, S. Leo St. W. Mission Street.
One-story and basement frame and stucco residence.
Owner—Paolo Rissetto, 20 Ruth St., San Francisco.
Architect—Not Given.
Contractor—John Oliva, 542 Vienna St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO, Calif. E. 30th Ave. N. Lawton St.
Three-story and basement frame and stucco residences.
Owner & Builder—Henry Doelger Builder, Inc., 320 Judah St.
Plans by owner.

Contract Awarded.
RESIDENCE Cost, $5,000
BERKELEY, Calif. 1605 Spruce St.
Owner—A. B. Hughes, 902 Washington St., Berkeley.
Architect—Not given.
Contractor—Philip L. Coats, 2837 Foothill Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1161 Grizzly Peak Blvd.
One - story and basement frame and stucco residence (5 rooms).
Owner & Builder—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
BERKELEY, Alameda Co., Calif. 1161 Grizzly Peak Blvd.
One-story frame and stucco residence (five rooms).
Owner & Builder—J. M. Walker, 1709 Grove St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, [illegible]
SAN JOSE, Santa Clara Co., Calif. 1530 Mt. Hamilton View Ave.
Two-story frame and stucco residence (six rooms).
Owner—J. J. Ivers, 66 W. San Antonio St., San Jose.
Architect—Not Given.
Contractor—V. J. Sunzeri, 176 N. 31st St., San Jose.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN JOSE, Santa Clara Co., Calif. 208 Devine Street.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—E. G. Crema, 50 North First St., San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,500
SAN JOSE, Santa Clara Co., Calif. Sixteenth near San Carlos.
Two - story and basement frame and stucco residence (7 rooms).
Owner and Builder — Gibson Wheeler Co., 10 N. Second St., San Jose.
Architect—Not Given.

Low Bidder
RESIDENCE Cost, $——
LODI, San Joaquin Co., Calif.
One - story and basement frame residence (6 rooms, 1 bath) shake or shingle roof, vertical boarding hardwood floors, tile bath, wood sash, two-car garage, etc. (California Ranch type).
Owner—Withbeld.
Architect—Victor Galbraith, 211 East Acacia St., Stockton.
Low Bidder—Heib Bros., 425 N. Sacramento St., Lodi.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
OAKLAND, Alameda Co., Cal. No. 5910 Pinewood Road.
One-story and basement frame and stucco residence (6 rooms).
Owner—Dorothy C. Fink, 3401 Marcom Ave., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
SAN FRANCISCO. N Shawnee St. 80 W Cayuga St.
One-story and basement frame and stucco residence.
Owner and Builder—Stoneson Bros., 1630 Ocean Ave., San Francisco.
Architect — Chas. P. Strothoff, 2274 15th St., San Francisco.

SEGREGATED BIDS BEING TAKEN
NORTH HOLLYWOOD, Los Angeles Co., Calif.—Architect J. R. Harris, 6715 Hollywood Blvd., is taking segregated bids for a two-story and basement, Colonial type residence to be built on Camarillo St., North Hollywood, for Bing Crosby. It will contain 26 rooms and 9½ bathrooms, frame construction, redwood siding exterior, shingle and composition roofing, hardwood and linoleum floors, white pine, cedar and mahogany trim, marble hearths, 3 fireplaces, wrought iron, leaded glass, etc. Bids are not wanted at this time for swimming pool or pool equipment.

15— SCHOOLS

Site Selected.
HIGH SCHOOL Cost, $715,000
SACRAMENTO, Sacramento Co., Cal. W. Freeport Blvd. bet. Bidwell Way and Sixth Ave.
New high school building (30 classrooms, laboratory, shops, gymnasium, cafeteria and auditorium).
Owner Sacramento School District.
Architects Starks & Fauldes, Forum Bldg., Sacramento.

Plans Awaiting PWA Approval
SCHOOL Cost, $30,000
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (4 classrooms).
Owner Brisbane Elementary School District.
Architect—Thos. Edward, 9 Geary St., San Francisco.
Bids will be asked shortly.

Bids Opened.
SCHOOL Cost, $50,000
SAN RAFAEL, Marin Co., Cal. Fourth and E Streetts.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner San Rafael School District.
Architect N. W. Sexton, deYoung Bldg., San Francisco.
Low Bidder DeLuca & Son, Inc., 1745 Filbert St., San Francisco, $98,976.
Complete bids follow:
DeLuca & Son, Inc., S. F. . . . . $ 98,976
Leibert & Trobrock, San Rafael 101,500
Einar C. Petersen, S. F 103,716
Bids were held under advisment.

Bids Wanted—To Close December 27, 4:00 P. M.
SCHOOL Cost, $20,000
CONCORD, Contra Costa Co., Calif.
One-story frame and stucco school (3 classrooms, library, offices and toilet facilities) tile roof, steam heating system, wood floors, etc.
Owner — Clayton Valley School District.
Architect—E. W. Cannon, 81 Echo St., Oakland.
Plans and specifications may be obtained from the architect and from the Clerk of the Board, E. W Glazier, Concord.

BIDS WANTED
TUCSON, Ariz.—Until January 2, 11 A. M., bids will be received by University of Arizona, at Tucson, for the construction of a science building, auditorium building, administration building, infirmary building and R. O. T. C. stables. Roy Place, 11 E. Pennington St., Tucson, architect. Proposals may be submitted as follows: On the science building and stables as one unit; on the auditorium building, administration building and infirmary building as one unit; on all buildings as one unit. Plans and specifications may be obtained from the architect upon deposit of $35. Certified check for not less than 5% must accompany each bid. Cost, $600,000.

LOW BIDDER
PASO ROBLES, San Luis Obispo Co., Calif.—F. C. Stolte Co., 3455 Laguna Ave., Oakland, submitted low bid to Paso Robles Union High School District at $41,900, for construction of a gymnasium building on the high school site in Paso Robles, a PWA project. The building will cover an area of approximately 70x100 ft., reinforced concrete and frame construction, brick filler walls, common brick facing, steel trusses, hardwood floors, composition roof, wood sash, gas-steam radiators, etc. Orville L. Clark, 369 N. Ridgewood Place, Los Angeles, architect.

LOW BIDDER
TUCSON, Ariz.—Herbert F. Brown, Tucson, submitted low bid to Arizona School for the Deaf and Blind Dec. 7 and was awarded a contract at $82,532 for the construction of an addition to the existing school in Tucson, a PWA project. The addition will be a two-story and basement, masonry, structure, containing 22 classrooms, auxiliary rooms, auditorium and offices. M. H. Starkweather, 40 W. Congress St., Tucson, architect.

LOW BIDDER
LOS ANGELES, Cal.—T. P. Schultz 911 N. Chester Ave., Compton, submitted low bid to Cypress School District at $81,900, for construction of a new school building, a PWA project. W. H. Austin and H. C. Wildman, Spurgeon Bldg., Santa Ana, architects.

BIDS REJECTED
LOMPOC, Santa Barbara Co., Cal.—Lompoc Union School District rjected bids received December 7 for the construction of an auditorium and classroom addition to the Lompoc grammar school, a PWA project. New bids will be called for shortly on revised plans and specifications. The bids were: Wigg Constr. Co., $37,763; Snook & Whittaker, $45,100. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, architect.

BONDS DEFEATED
BAKERSFIELD, Kern Co., Cal.—Kern County Union High School Dist. defeated bond issue in the amount of $200,000 December 6. Proceeds were to have financed construction of school improvements in Bakersfield.

New Bids Wanted—To Close Dec. 31, 10 A. M.
LIBRARY Cost, $38,000
BERKELEY, Alameda Co., Cal. The Alameda.
One-story reinforced concrete library (tile roof, hot air heating system).
Owner—City of Berkeley.
Architect—James Plachek, Mercantile Bank Bldg., Berkeley.
Plans and specifications may be obtained from the architect upon deposit of $25.
On previous bid opening lowest bid was submitted by Frank A. Stead, 3206 Boise St., Berkeley, at $48,000.

LOW BIDDER
CORONA, Los Angeles Co., Calif.—G. C. Berner, 611 W 6th St., Corona, submitted low bid to the Corona high school board at $49,990, for construction of an addition to the junior high school in Corona, a PWA project. Recommendation was made to the PWA that the contract be awarded to Mr. Berner. Stanley Wilson, 3616 Main St., Riverside, architect.

Construction To Start Shortly.
SCHOOL Cost, $25,000
COLFAX, Placer Co., Calif.
One-story elementary school (6 classrooms) type of construction not determined).
Owner Colfax Elementary School District.
Architect — George Sellon, California State Life Bldg., Sacramento.
Labor will be furnished by the WPA and materials will be purchased by the school District.

LOW BIDDER
LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 E 18th St., Los Angeles, submitted the low bid to Los Angeles board of education at $2225 for painting and miscellaneous work on main building at Ford Blvd. school, 1150 Ford Blvd., Belvedere Gardens.

LOW BIDDER
FULLERTON, Orange Co., Calif.—John Strona, Philadelphia and East End Aves., Pomona, submitted the low bid to Fullerton Union High School District at $132,948, for construction of a new classroom building on the junior college site in Fullerton, a PWA project Harry K. Vaughn, architect.

LOW BIDDER
LOS ANGELES, Cal.—D. Zelinsky &

Sons, 1438 East 18th St., submitted the low bid to Los Angeles board of education at $1115, for painting and miscellaneous work on the main, west and north buildings at 49th St. school, 4917 McKinley Ave.

LOW BIDDER

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., submitted the low bid to Los Angeles board of education at $1407, for painting and miscellaneous work on the shop building at Lafayette junior high school, 1515 East 14th St.

BIDS REJECTED

LOS ANGELES, Calif.—All bids for the construction of the girls' gymnasium building at Manual Arts high school, 4131 S. Vermont Avenue, were rejected by the Los Angeles board of education December 5 due to the excessive cost of the work. The plans and specifications were ordered remanded to the architectural section of the board for revision and new bids will be called for at an early date. H. F. Miller submitted the previous low bid on Nov. 27 at $83,200.

LOW BIDDER

LOS ANGELES, Cal.—D. Zelinsky & Sons, 1438 East 18th St., submitted the low bid to Los Angeles board of education at $3,891, for painting and miscellaneous work on the main brick building at Rowan Ave. school, 3816 Lanfranco St.

BONDS VOTED

GARDNERVILLE, Nev. — Douglas County voters approved bond issue December 3 in the amount of $15,000. Proceeds from the election, together with $12,273 granted by the PWA, will finance construction of a new high school gymnasium in Gardnerville.

COMPLETING PLANS

EL SEGUNDO, Los Angeles Co. Cal. —Architects John C. Austin and F. M. Ashley, Chamber of Commerce Bldg., Los Angeles, have completed working drawings and specifications and bids will be called for soon by the El Segundo High School District for the reconstruction, strengthening and rehabilitation of four brick buildings at the El Segundo high school. A PWA 45% grant, amounting to approximately $117,000, has already been approved and the district will furnish its share of the cost from proceeds of a bond issue affirmed last August. The bonds have been sold. Bids for the project will be called for this week. Cost, $220,000.

Award Recommended.

ADDITION Cost, $82,737
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—John D. Carlson, 1331 Sierra Ave., San Jose.
Heating and Plumbing—Scott Co., 113 Tenth St., Oakland, $9,679.
Complete bids published Dec. 6.

Award Recommended.

HIGH SCHOOL Cost, $60,000
PIEDMONT, Alameda Co., Calif.
One - story reinforced concrete high school unit (8 classrooms and music room) tile roof.
Owner—Piedmont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—George J. Maurer, 50 York Drive, Piedmont.
Complete bids published Dec. 9.

Bids Opened

SCHOOL Cost, $25,000
ORICK, Humboldt Co., Calif.
One-story school building (two classrooms, typing department, chemistry laboratory, lunch room, kitchen).
Owner—Orick Elementary School District (Robert S. Davison, Clerk).
Architect—P. T. Georgeson, Eureka.
Low Bidder—Fred J. Maurer and Son, Inc., Eureka, $23,672 (alternate No. 2).
Second low bid submitted by Mercer-Fraser Co., Eureka, $25,535.
Award to low bidder will be recommended to PWA.

BIDS WANTED

SAN FRANCISCO—Until December 18, 2:30 P. M., bids will be received by Department of Public Works, Room 251, City Hall, for stage equipment for Girls' High School, Scott and O'Farrell Streets. Estimated cost, $2500.
Plans and specifications may be obtained from Chas. Sawyer, City Architect, Room 267, City Hall. No deposit required.
Work to be completed by January 15, 1936. $25 per day damages for each day beyond allotted time.
(8522)

Bids Opened.

ASSEMBLY Cost, $31,500
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly at Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Complete bids follow:

*S. G. Johnson, Oakland	$ 3,400
John E. Branagh, Oakland	36,100
B. A. Howkins, San Francisco	36,490
Willis F. Lynn, Oakland	36,968

*Error in bid. All bids referred to district attorney for checking.

Bid Opening Date Postponed Until Dec. 17, 7 P. M.

HIGH SCHOOL Cost, $69,890
CAMPBELL, Santa Clara Co., Calif. Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner—Campbell High School District (Mrs. Louis Shelley, clerk).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Date was previously reported for December 12.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

December 6, 1935

FIRE LOSS

CRESCENT CITY, Del Norte Co., Cal.—Fire destroyed the high school at Brookings, December 3. Damage estimated at $26,000. Building was partially covered by insurance.

LOW BIDDER

FULLERTON, Orange Co., Calif.—Willard Lutz, 1630 Lyman Place, Los Angeles, submitted low bid to Fullerton Elementary School District at $40,860, for rehabilitating and adding two classrooms to the Maple Avenue elementary school in Fullerton. Deuel & Schoeller, 405 Douglas Bldg., Los Angeles, structural engineers, and E. E. Parks, 423 Claudina St., Anaheim, Myron Hunt and H. C. Chambers, 1216 Continental Bldg., Los Angeles, constulting architects.

BIDS WANTED

FLAGSTAFF, Ariz.—Until Dec. 14, 11:30 A. M., new bids will be received by Arizona State Teachers' College of Flagstaff for the construction of a women'a dormitory and dining hall on the college campus in Flagstaff, a PWA project. Plans and specifications may be obtained from the architects, Lescher and Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of $25.

BIDS WANTED

LOS ANGELES, Cal.—Until Dec. 20, 2 P. M., bids will be received by the Los Angeles board of education purchasing bureau, 1425 S. San Pedro St., for a one-story school building to be erected at Lorena Street school, 1015 S. Lorena St. Cost, $43,000. A. S. Nibecker, Jr., architect, 1425 S. San Pedro Street.

BIDS OPENED

SAN FRANCISCO, Cal.—Hanson Bros., 5840 Mission Street, at $734 submitted low bid to Department of Public Works, for moving four bungalows at the Polytechnic High School Frederick Street, between Willard and Arguello Blvd. Only other bid was submitted by Pearson & Johnson at $585.

BIDS REJECTED

SANTA MARIA, Santa Barbara Co., Cal.—Santa Maria Union High School District rejected bids received Dec. 2 for the construction of a new junior college building in Santa Maria, a P W A project. The job will be readvertised shortly. Whittaker & Shook submitted the low bid at $65,655 and S. C. Stolte Co. bid $66,900. E. Keith Lockard, 117 E. De la Guerra, Santa Barbara, architect.

LOW BIDDER

VAN NUYS DISTRICT, Cal.—N. A. Anderson, 111 W 7th St., submitted low bid to Los Angeles board of education at $62,000 for a one-story school building to be erected at the Reseda school, 7265 Amigo Ave., Van Nuys district. A. S. Nibecker, Jr., architect, 1425 S. San Pedro St.

NEW BIDS WANTED

TEMPE, Ariz.—Until Dec. 12, 9:30 A. M., new bids will be received by the Arizona State Teachers' College at Tempe for the construction of a women's dormitory on the college campus in Tempe, a PWA project. Plans and specifications may be obtained from Architects Lescher and Mahoney, 1100 Title & Trust Bldg., Phoenix, upon deposit of $20. Certified check for not less than 5% must accompany each bid. The building will be a two-story, Class A structure containing 50 rooms. It will have a frontage of 200 feet and two wings, each 25x125 feet in area; pressed brick facing, compostion roofing, metal lath and plaster partitions, cement floors with rubber tile and linoleum covering, steam heat, art stone trim, fire escapes, interior tile work, etc. Cost, $125,000. On previous bid opening the lowest bid was submitted by H. Mayson, Los Angeles, at $151,500.

Bids Wanted—To Close December 16, 5 P. M. (To Be Opened 8 P. M.)

SCHOOL Cost, $85,000
CHICO, Butte Co., Cal.
One-story reinforced concrete elementary school unit.
Owner—Chico School District.
Architect—Chester Cole, 4418 Second St., Chico.
Plans and specifications may be obtained from F. L. Cummings, Clerk of the Board of Education. The work is financed in part with PWA grant.

Bids Wanted—To Close December 16, 5 P. M. (To Be Opened 8 P. M.)

GYMNASIUM Cost, $100,000
CHICO, Butte Co., Calif.
One-story reinforced concrete gym-

nasium for Chico High School.
Owner—Chico High School District.
Architect—Chester Cole, 4118 Second St., Chico.
Plans and specifications may be obtained from F. L. Cummings, Clerk of the Board of Education.
The work is financed in part with PWA grant.

No Bids Received.

HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Calif.
One-story reinforced concrete high school (10 classrooms, auditorium to seat 730, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner—Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Only one contractor was prepared to submit a bid and delcined to present it when it was learned it was the only bid.
A new date for opening bids will be set immediately.

LOW BIDDER

LOS ANGELES, Cal.—H. F. Miller, 1908 W. 75th St., submitted low bid to Los Angeles board of education at $57,515, for construction of a new one-story school building at the 68th St. school, 612 W. 68th St. A. S. Nibecker, Jr., architect, 1425 S San Pedro Street.

Low Bidder.

HIGH SCHOOL Cost, $630,000
SALEM, Oregon.
Two-story brick and concrete high school (60 classrooms, auditorium, gym. and cafeteria) brick veneer exterior, steam heating system, wood floors, acoustical treatment, slate blackboards, fire escapes, tile and linoleum flooring, metal furniture, ornamental iron.
Owner—Salem School District No. 24, 463 Ferry St., Salem.
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Low Bidder—Hoffman Constr. Co., 715 SW. Columbna St., Portland, at $796,589.
Bids held under advisement.

Low Bidder.

SCHOOL Cost, $129,000
SALEM, Oregon.
Two-story reinforced concrete school (188x238 feet) (12 classrooms, library, music room, shop, auditorium to seat 600), brick veneer exterior, terra cotta, steam heat, maple and concrete club floors, acoustical treatment, structural steel, temperature regulators, etc.
Owner—School District No. 24, Marion County.
Architect—F. H. Strubble, Guaranty Bldg., Portland.
Low Bidder—Drake, Wyman & Voss, U. S. Bank Bldg., Portland, Ore., $180,690 (1) ded. $55,090.

Bids Opened.

ASSEMBLY Cost, $31,250
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect — W. G. Corlett, Oakland Board of Education.
Only bid was submitted by B. A. Howkins, 1182 Market St., San Francisco, at $35,375 with an alternate of $7000 to be added for alterations to the existing building.
Bid referred to District Attorney for checking.

Bids Opened.

ADDITION Cost, $80,000
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.

Low Bidders

General Contract — John D. Carlson, 1331 Sierra Ave., San Jose, $99,737;
Heating and Plumbing—Scott Co., 113 Tenth St., Oakland, $9,867.
Bids were taken as follows:
(1) General Contract work complete:
(a) Deduction if restrooms are placed on first floor & basement is left unfinished;
(b) Deduction if choral room and adjoining arcade are omitted;
(c) Add for extra concrete in foundation, per cubic foot;
(2) Heating and Plumbing:
(a) Deduct if basement rooms are omitted;
(b) Deduct if choral room is omitted
(c) Add or deduct if gas burner is substituted for oil.
Complete bids follow:

(A) John D. Carlson, San Jose		
	(1)	$88,737.00
	(a)	1,248.00
	(b)	6,000.00
	(c)	.66
	(2)	$10,125.00
	(a)	74.50
	(b)	292.00
deduct	(c)	55.00
(B) Carl N. Swensen, San Jose		
	(1)	$91,148.00
	(a)	1,400.00
	(b)	5,692.00
	(c)	.75
	(2)	$10,051.00
	(a)	82.00
	(b)	197.00
deduct	(c)	60.00
(C) A. Nelson, Inc., S. F.		
	(1)	$93,447.00
	(a)	1,500.00
	(b)	6,000.00
	(c)	.90
	(2)	No bid
(D) Wm. Spivock, S. F.	(1)	$93,833.00
	(a)	1,500.00
	(b)	5,600.00
	(c)	.90
	(2)	No bid
(E) Scott Co., Oakland (bid only on Prop. 2)		$ 9,867.00
	(a)	84.00
	(b)	164.00
add	(c)	293.90

Bids exceed funds available and were taken under advisement

Sub-Contracts Awarded.

AUDITORIUM Cont. Price, $42,219
SAN FRANCISCO, N 20th Street bet. Missouri and Texas Sts.
One-story auditorium at Daniel Webster School (steel frame) 57x92 feet; to seat 400.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Contractor—Monson Bros., 475 Sixth St., San Francisco.
Following sub-contracts awarded:
Reinforcing—W. S. Wetenhall, 17th & Wisconsin Sts., $1940.
Structural Steel—Herrick Iron Works 18th and Campbell Sts., Oakland, $5884.
Painting—A. A. Zelinsky, 3011 Steiner St., $470.
Cast Stone—Western Artificial Stone Co., 666 Brannan St., $90.
Shades—D. N. & E. Walter, 562 Mission St., $419.35.
Iron — Anchor Post & Fence Works, 460 5th St., $525.
Glass—W. P. Fuller & Co., 301 Mission St., $256.
Marble—Eisele & Dondero, 2851 Third St., $115.
Millwork — Acme Mfg. Co., 345 Bayshore Blvd., $611.
Celotex — Western Asbestos Co., 675 Townsend St., $1760.
Drapes and Picture Screen—General Seating Co., 160 2nd St., $200.
Steel Sash—Michel & Pfeffer, 10th and Harrison Sts., $240.
Linoleum—Royal Floor Linoleum Co., 475 Sutter St., $70.
Roofing—Mallott & Petersen, 20th and Harrison Sts., $293.
Tile — Malott & Petersen, 20th and Harrison Sts., $2641.
Sheet Metal—Morrison & Co., 74 Duboce Ave., $1350.
Finish Hardware — Palace Hardware Co., 587 Market, $1525.
Plumbing—Skelly & Kohler, 1342 9th Ave., $1103.
Additional Plumbing—Skelly & Kohler, 1342 9th Ave., cost plus.
Electric—Abbett Elec. Co., 126 Sears St., $3010.
Floors—Western Hardwood Floor Co., 425 Bosworth St., $1200.
Asphalt Paving—Lowrie Paving Co., 1540 16th St., $0.05 per sq. ft.
Plaster—W. G. and A. Gilmore, 666 Mission St., $3740.

Sub-Contracts Awarded

SCHOOL Cont. Price, $223,869
SAN FRANCISCO, Florida & Bryant. (Sunshine-Buena Vista School).

One - story reinforced concrete school (18 classrooms, dining room, exercise room, vocational room, rest rooms, auditorium to seat 590).

Owner—City and County of San Francisco.
Architects—M. J. Rist, Phelan Bldg.; Chas. F. Strothoff, 2274 15th St.; Smith O'Brien, 2032 Baker St., and Albert Schroepfer, 681 Market St.
Structural Engineer—H. J. Brunnier, Sharon Building.
Mechanical and Electrical Engineer—A. R. McLaren, 611 Howard St.
Contractor—Anderson & Ringrose, 320 Market Street.
Following sub-contracts awarded:
Electric—G. H. Armstrong, 1388 Van Ness Ave. South, $12,772.
Mechanical Equipment and Plumbing—Alta Electric & Mechanical Co., 467 O'Farrell St., $28,782.
Reinforcing Steel—Truscon Steel Co., 604 Mission St., $21,640.
Miscellaneous and Ornamental Iron & Bronze—Monarch Iron Works, 262 7th St., $2,909.
Wire Fence—Karman Fence Co., 351 Bryant St., $175.00.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St., $6,067.
Window Hardware—Dalmo Sales Corporatoin, 511 Harrison St., $1,000.
Steel Sash—Dalmo Sales Corp., $4,837.
Flagpole—L. Ph. Bolander and Sons, 954 Bryant St., $423.
Blackboards & Cork Pin Strip—Rucker Fuller Co., 539 Market St., $3,370.00.
Roofing & Dampproofing—J. W. Bender Roofing Co., 18th and Bryant, $2,046.
Metal Toilet Partitions—G. W. Hollms 582 Market St., $1,362.
Lath and Plaster—MacGruer & Co., 266 Tehama St., $13,256.
Tile—Malott & Peterson, 20th & Harrison Sts., $21,153.
Terrazzo—Pacific Terrazzo Co., 2144 Lombard St., $1,775.
Linoleum—West Coast Carpet & Linoleum Co., 1163 Market St., $3,550
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., $6,282.
Painting—R. P. Paoli & Co. 2530 Lombard St., $5,684.
Metal Lockers and Rest Room Pts.—Price Bldg. Specialties Co., 683 Howard St., $5,272.

Dumbwaiters—Price Bldg. Specialties Co., $250.
Shades and Venetian Blinds—Bates-Carpenter & Co., 604 Mission St., $1,498.
Travertite Partitions—P. Grassi & Co. 445 Bayshore Blvd., $1,145.
Finish Hardware—Marshall - Newell Supply Co., Spear and Mission Sts. $7,569.40.
Kitchen Equipment—Mangrum - Holbrook Co., 1235 Mission St., $2,678.00.
Lawn and Planting—Fred W. Bullock, 445 12th Ave., $875.00.
Hangings, Drapes, M. P. Screens—American Studios, 557 Market St., $888.00.
Acoustical Tile—Lilly & Crowley, 90 Townsend St., $1,083.87.
Brick Work—Martin Nelson, 2847 Army St., $2,272.00.
Cast Cement—Western Art Stone Wks 666 Brannan St., $875.00.
Millwork—Anderson Bros. Planing Mill Quint and Custer Sts., $10,847.
Asphalt Tile—American Art Tile Co. 231 Franklin St., $2,570.00.

Sub-Contracts Awarded.
GYMNASIUM Cont. Price, $97,100
SAN FRANCISCO. Willard and Frederick Streets.
One-story steel frame, brick and terra cotta gymnasium (Polytechnic High School) concrete side walls and floors, etc.; locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
Owner—City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer—H. C. Vensano, 251 Kearny St.
General Work—F. C. Amoroso & Sons, Wallace and Keith Sts., $97,400.
Mechanical Equip. & Plumbing—Anderson & Rowe, 45 Belcher St., $15,774.
Electric—Spencer Elec. Co., Monadnock Bldg., $3429.
Following sub-contracts awarded.
Hardware—Palace Hardware, 581 Market St., $1468.
Reinforcing Steel—W. C. Hauck, 280 San Bruno Ave., $4493.
Plastering—L. Bosch, 621 Minna St., $2100.
Miscellaneous Iron—Sartorius Co., 2530 18th St., $1049.
Marble—Clervi Marble Co., 1721 San Bruno Ave., $4131.
Masonry—Reed & Reed, Hearst Bldg., $14,571.
Millwork—Anderson Bros., Quint and Custer Sts., $1519.
Painting—R. P. Paoli, 2530 Lombard St., $1399.
Excavation—Devincenzi Bros., 150 Collins St., $1200.
Glass—Habenicht & Howlett, 529 Clay St., $894.
Lamonite and Linoleum—Royal Floor & Linoleum Co., 1930 Van Ness Ave., $1602.
Steel Sash—Detroit Steel Products, S. F., $3453.
Structural Steel—Judson Pacific Co., 609 Mission St., $11,510.
Tile—American Art Tile Co., 231 Franklin St., $6498.
Asphalt Tile—American Art Tile Co., 231 Franklin St., $90.
Lockers—H. M. Schick Co., 135 Tehama St., $5226.
Roofing—Mallott & Peterson, 20th and Harrison Sts., $486.
Sheet Metal—Golfoy Cornice Works, 1234 Howard St., $987.
Hollow Metal—Price Bldg. Specialty, 683 Howard St., $1857.

Award Recommended
SCHOOL Contract Price, $105,184
GRASS VALLEY, Nevada Co., Calif.
One - story reinforced concrete school building (ten classrooms).
Owner—Grass Valley Junior High School District.
Architect—Fred Reimers, 233 Post St., San Francisco.
Contractor—E. T. Leiter & Sons, 811 37th St., Oakland.
Recommendation made to the PWA that contract be awarded to E. T. Leiter & Sons at $105,184.30.

Plans Awaiting PWA Approval
ADDITION Cost, $30,000
MILLBRAE, San Mateo County, Cal.
Chadbourne Avenue.
Addition to Millbrae elementary school (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs) and addition to Lomita Park School (add two new classrooms, new lunch room, new steam heating system, new plumbing system and general repairs).
Owner — Millbrae Elementary School District.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Bids will be asked shortly.

CONTRACT AWARDED
SAN FRANCISCO—R. P. Paoli, 3159 Fillmore St., at $2699 awarded contract by Department of Public Works, for interior and exterior painting of the Excelsior School, Excelsior Ave. and London Street.

BIDS OPENED
AUDITORIUM Cost, $35,000
PLEASANTON, Alameda Co., Calif.
One-story reinforced concrete auditorium (to seat approx. 900.)
Owner—Amador Joint High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco.
Low Bidder: A. Nelson, 242 Ocean Ave., San Francisco.
Complete bids follow:
(1) deduct for omitting border lights;
(2) deduct for omitting footlights;
(3) deduct for omitting radio and sound system;
(4) Excavation, per cu. yd.;
(5) Concrete forms, per cu. yd.
(6) Concrete forms, per sq. ft.
(7) Rein. steel, per lb.

A. Nelson, San Francisco		$53,268
	(1)	330
	(2)	480
	(3)	1,110
	(4)	3.00
	(5)	10.00
	(6)	.15
	(7)	.08
Carl N. Swenson, San Jose		$55,835
	(1)	336
	(2)	446
	(3)	1,278
	(6)	.12
	(7)	.05
E. Nommensen, San Jose		$57,967
	(1)	315
	(2)	410
	(3)	1,135
	(4)	1.10
	(5)	11.00
	(6)	.14
	(7)	.06

Bids referred to District Attorney.

CONTRACT AWARDED
SAN FRANCISCO—Pearson & Johnson, 2031 Bryant St., at $585 awarded contract by Department of Public Works for moving four bungalows at the Polytechnic High School, Frederick St., bet. Willard and Arguello Blvd.

BIDS OPENED
HIGH SCHOOL Cost, $60,000
PIEDMONT, Alameda Co., Calif.
One - story reinforced concrete high school unit (8 classrooms and music room) tile roof.
Owner—Piedmont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Lower Bidder—George J. Maurer, 50 York Drive, Piedmont.
Complete bids follow:
(1) add for arcade and classroom No. 8;
(2) add for sidewalks;
(3) add for heating system;
(4) add for heating system in arcade classroom No. 8;
(5) Concrete, per cu. ft.

George J. Maurer, Piedmont		$62,889
	(1)	8,700
	(2)	800
	(3)	4,450
	(4)	100
	(5)	.85
Lindgren & Swinerton, Oakland		$66,424
	(1)	8,350
	(2)	900
	(3)	4,200
	(4)	.90
	(5)	.75
Villadsen Bros., San Francisco		$68,200
	(1)	5,847
	(2)	479
	(3)	4,365
	(4)	100
	(5)	1.00
N. H. Sjoberg & Son, Oakland		$68,217
	(1)	8,745
	(2)	1,116
	(3)	4,397
	(4)	102
	(5)	1.00

Bids held under advisement.

Contracts Awarded.
GYMNASIUM Cont. Price, $97,400
SAN FRANCISCO. Willard and Frederick Streets.
One-story steel frame, brick and terra cotta gymnasium (Polytechnic High School) concrete side walls and floors, etc.; locker rooms on first floor, gymnasium on second, sunrooms, offices, etc.
Owner—City of County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Structural Engineer—H. C. Vensano, 251 Kearny St.
General Work—F. C. Amoroso & Sons, Wallace and Keith Sts., $97,400.
Mechanical Equip. & Plumbing—Anderson & Rowe, 45 Belcher St., $15,774.
Electric—Spencer Electric Co., Monadnock Bldg., $3429.

Bids Opened.
HIGH SCHOOL Cost, $75,000
GUSTINE, Merced Co., Calif.
One-story frame and stucco high school (steel trusses in auditorium) four classrooms, auditorium to seat 500, and cafeteria.
Owner — Gustine Union High School District.
Architect—W. G. Corlett and E. A. Russ, 1301 Bank of America Bldg., Oakland.
Low Bidder — Carl N. Swenson, 355 Stockton Ave., San Jose.
Complete bids follow:
Carl N. Swenson, San Jose..... $ 96,867
O. H. Chain, Stockton..... 100,800
F. C. Stolte, Oakland..... 108,500
Bids referred to district attorney for checking.

Plans Being Prepared.
SCHOOL Cost, $34,000
MORRO, San Luis Obispo Co., Cal.
One-story school building.
Owner—Morro Union School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier Sharon Bldg., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $30,000
CAMBRIA, San Luis Obispo Co., Calif.
One-story frame school building.
Owner—Cambria School District.
Architect—Louis N. Crawford, Santa Maria.

Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans Being Prpared
SCHOOL Cost, $18,000
CAYUCOS, San Luis Obispo Co., Cal.
One-story frame school building.
Owner—Cayucos School District.
Architect—Louis N. Crawford, Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Bids Opened.
RECON. SCHOOL Cost, $10,000
SAN LEANDRO, Alameda Co., Calif.
Clarke, Hepburn, Carpentier and Saunders Streets.
Repairs and reconstruction of Lincoln School.
Owner—San Leandro School District (Wm. Lucio, Secretary).
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Low Bidder — Fred J. Early Jr., 369 Pine St., San Francisco, $17,550
Only other bid was submitted by Taylor & Jackson, San Francisco, at $19,478.
Fred J. Early, allowed a deduction of $200 for salvage materials.
Recommendation made to PWA that contract he awarded to Fred J. Early Jr.

To Ask Bids Within One Week.
RECON. SCHOOL Cost, $38,000
SAN LEANDRO, Alameda Co., Cal.
Reconstruct Washington School.
Owner—San Leandro School District.
Structural Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.

To Ask Bids Within One Week.
RECON. SCHOOL Cost, $35,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruction of McKinley School.
Owner—San Leandro School District.

Contract Awarded.
SHOP Cont. Price, $16,589
FORT BRAGG, Mendocino Co., Calif.
One-story wood shop building (128x70 ft.) will contain woodwork shop, 57x38 ft., metal work, mechanical drawing, printing, classwork and storage.
Owner—Fort Bragg Un. High School District.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.
Contractor—Independent Constr Co. 549 Fell St., San Francisco.
Complete bids published Nov. 25.

Preparing Working Drawings.
SCHOOL Cost, $20,000
FAIR OAKS, Sacramento Co., Cal.
One-story frame and stucco school (4 classrooms).
Owner—Orangevale School District.
Architect—Chas. F. Dean, California Life Bldg., Sacramento.
Application filed with the WPA.

BIDS REJECTED
GYMNASIUM Cost, $60,000
AUBURN, Placer Co., Calif.
One-story steel-concrete gymnasium.
Owner — Placer Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder — Petersen & Steinhrenner, Sacramento, $95,000.
Only other bid was submitted by Lindgren & Swinerton, San Francisco, at $99,600.
New bids will probably be asked.

Bid Opening Date Postponed Until December 21, 2 P. M.
GYMNASIUM Cost, $50,900
TUOLUMNE, Tuolumne Co., Calif.
One-story reinforced concrete high school gymnasium.
Owner Summerville High School District.
Architect Frank V. Mayo 108 East Miner St., Stockton.
Date was previously set for Dec. 14, 2 P. M.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

Contracts Awarded.
AUDITORIUM Cont. Price, $42,219
SAN FRANCISCO, N 20th Street bet. Missouri and Texas Sts.
One-story auditorium at Daniel Webster School (steel frame) 57x92-feet; to seat 400.
Owner City and County of San Francisco.
Architect—Chas. Sawyer, City Architect, City Hall.
Contractor—Monson Bros., 475 Sixth St., San Francisco.

Commissioned To Prepare Plans.
GYMNASIUMS Cost, $10,000 each
SANTA CRUZ, Santa Cruz Co., Cal.
Two Junior High School gymnasiums.
Owner — Santa Cruz Junior High School District.
Architect — John J. Donovan, 950 Parker St., Berkeley
Application filed with the WPA to assist financing project

BOND ELECTION
ALAMEDA COUNTY, Cal. — Stony Brook School District will vote on December 27, on a proposal to issue bonds in the amount of $2000, proceeds to finance construction of improvements to school in the Stony Brook School District.
Chester Brook, Clerk of the Board of Trustees of the District.

16—BANKS, STORES AND OFFICES

Plans Complete.
RESTAURANT Cost, $7,000
SAN FRANCISCO, Cal. E. Portola Drive, 189 S. High.
One-story frame restaurant.
Owners—Fat Boy Barbecue Cabins, Inc., 624 New Call Bldg.
Architect—Albert Larson, 2671 16th Ave.

Ornamental and Miscellaneous Iron Contract Awarded.
MARKET Cost, $15,000
SAN FRANCISCO, West Portal Ave. and Vicente St.
One-story Class C reinforced concrete market building.
Owner—W. R. Ray, 1370 Harrison St., San Francisco.
Engineer — Ellison & Russell, Pacific Bldg., San Francisco.
Contractor—Mission Concrete Co., 270 Turk St., San Francisco.
Ornamental and Miscellaneous Iron—Patterson & Koster Iron Works, 280 13th St., San Francisco.

December 6, 1935

Contract Awarded
ALTERATIONS Cost, $3,000
SAN FRANCISCO, 519 California St.
Replace terrazzo in corridors, marble work and rubber tile, etc.
Owner—Capital Co., 625 Market St.
Plans by Construction Dept. of Owner.
Contractor—Ray Cook Marble Co. 1535 Powell Street.

CONTRACT AWARDED
SAN RAFAEL, Marin Co., Calif.—Chow Gasteam Co., 571 Mission St., San Francisco, awarded contract by Marin Water District for installing new type heating plant in the office building in the District Offices in San Rafael

Plans Completed.
OFFICES Cost, $4000
OAKLAND, Alameda Co., Cal. No. 2980 Elmwood Avenue.
One-story frame and stucco office building.
Owner—Morris Draying Co., 3010 Elmwood Ave., Oakland.
Architect—R. C. Schuppert, 1530 Wellington St., Oakland.

Contract Awarded.
AUTO BLDG. Cost, $30,000
RENO, Washoe Co., Nevada. No. 309 South Virginia Street.
One-story brick and steel auto building (78x120 ft.)
Owner—C. H. Eaton, Premises.
Architect—L. A. Ferrus, Reno.
Lessee — Nevada Auto Supply Co. Reno.
Contractor—Wine & Williams, Reno.

Contract Awarded.
REPAIR OFFICES Cost, $2500
SAN FRANCISCO. No. 150 California Street.
Repair fire damage to offices.
Owner—George Billings.
Architect—Not Given.
Contractor—Ira W. Coburn, 2045 Market St., San Francisco.

To Be Done By Day's Work.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. 1535 Van Ness Ave.
Alterations to sales room.
Owner—J. E. French Company, O'Farrell & Polk Sts.
Architect—Not given.

Contract Awarded
STORE Cost, $4,000
OAKLAND, Alameda Co., Calif. 3764 Piedmont Ave.
One-story frame and stucco store bldg.
Owner—A. Rowe, 2764 Piedmont Ave., Oakland.
Architect—Not Given.
Contractor—J. J. Moore Co., 354 Hobart St., Oakland.

Bids Opened
ADMIN. BLDG. Cost, $85,000
SAN FRANCISCO. SE Bush & Stockton Streets.
Three - story reinforced concrete administration building for the San Francisco Bay Exposition.
Owner—City and County of San Francisco.
Architect—W. P. Day, Financial Center Building.
Low Bidder—Lindgren and Swinerton, 225 Bush Street.
Complete bids follow:
(1) Work complete;
(2) Work complete with footings placed at a greater depth;
(3) Work complete with cast cement columns on exterior of building.

Lindgren & Swinerton	(1)	$128,548
	(2)	138,451
	(3)	140,781
Monson Brothers	(1)	$130,400
	(2)	138,415
	(3)	152,200
Anderson & Ringrose	(1)	$131,848
	(2)	171,458
	(3)	173,874
P. J. Walker Co.	(1)	138,244
	(2)	147,800
	(3)	149,999
MacDonald & Kahn	(1)	146,095
	(2)	164,202
	(3)	169,202

Bids held under advisement.

Plans Being Figured
STORE Cost, $3,000
SAN JOSE, Santa Clara Co., Cal. The Alameda.
One-story brick store building (44x33-ft.) built-up asphalt roof, brick walls, cement floors, etc.
Owner—W. McTich.
Architect—Charles McKenzie, Twohy Bldg., San Jose.
About two weeks will be allowed

Owner—Taking Bids
RESTAURANT Cost, $7,000
SAN FRANCISCO. E Portola Drive, 189 S. High St.
One-story frame restaurant.
Owner—Fat Boy Barbecue Cabins Inc. 624 New Call Bldg.
Architect—Albert Larson, 2671 16th Avenue. *

PREPARING PLANS
LOS ANGELES, Cal.—Architects D R. and John Parkinson, 808 Title Insurance Bldg., are preparing preliminary plans for an addition to the office building on the southeast corner of Wilshire Blvd. and Westlake Ave. for the Westlake Medical Building Association, George C. Brush, manager The addition will be a 13-story, Class A structure, 57x56 feet in area; steel frame construction, brick facing, terra cotta trim, etc. Cost, $350,000.

COMPLETING PLANS
PASADENA, Calif. — The Pasadena Water Dept., City Hall, Pasadena, is completing plans for three buildings to be built on Manzanita Ave. between Mentone and Glen Aves., Pasadena. A PWA allotment of $57,272 has been granted. The warehouse and office building will be 52x243 feet, the workshop and garage, 32x217 feet, and the automobile storage shed, 32x274 feet. Construction will be of reinforced concrete. Bids will probably be taken soon.

Contract Awarded
ALTER STORE Cost, $1,500
SAN FRANCISCO. 959 Market Street
Alterations to store.
Owner—Theodore Schmidt, premises.
Architect—Not Given.
Contractor—Unit Bilt Fixture Co., 2665 Jones Street.

17— THEATRES

PREPARING PRELIMINARY PLANS
LOS ANGELES, Cal.—Architect S. Chas. Lee, 1648 Wilshire Blvd., is preparing preliminary plans for altering and repairing the interior of the Loew's State Theater at the corner of Broadway and 7th St. Cost, $100,000. *

18—WHARVES & DOCKS

BIDS WANTED
SAN FRANCISCO.—Until Dec. 26, 2 P. M., bids will be received by State Board of Harbor Commissioners, Ferry Bldg., for furnishing and installing eleven steel rolling doors for connecting wharf and wharf shed at Piers 24 and 26. Frank G. White, Ferry Building, Chief Engineer. Plans and specifications may be obtained from above office upon deposit of $20.00.

Bids Opened
WHARF, ETC. Cost, $270,879
OAKLAND, Alameda Co., Cal. Outer Harbor.
504-foot extension to wharf (creosoted apron, concrete bulkhead wall, asphalt surfacing, etc.)
Owner—City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Low Bidder—A. W. Kitchen Co., 110 Market St., San Francisco.
Complete bids follow:
(A) A. W. Kitchen Co., San Francisco $206,747.
(B) Healy - Tibbitts Const. Co., San Francisco, $209,316.
The quantities were:
(1) reinforced concrete pile, per l f ;
(2) pile jackets, per l.f.;
(3) creosoted pile, per l.f.;
(4) green bearing and brace piles, per lin. ft ;
(5) Class A reinf. conc., per c.y.;
(6) Class B reinf. conc., per c.y.;
(7) Reinforcing steel, per lb.;
(8) creosoted timber, MFBM (7 lb. treated),
(9) do (12 lbs. treated),
(10) green timber, MFBM,
(11) riprap rock, per cu yd
Unit prices follow

	(A)	(B)
(1)	$ 2.10	$ 1.20
(2)	4.05	2.25
(3)	.50	1.00
(4)	.44	.55
(5)	21.00	14.50
(6)	15.00	14.00
(7)	.045	.045
(8)	89.50	8[illegible]
(9)	118.50	12[illegible]
(10)	64.00	65.00
(11)	1.60	1.75

Bids held under advisement

19—MISC. CONSTRUCTION

Planed
SWIMMING POOL Cost, $10,000
SAN JOSE, Santa Clara Co., Calif.
New swimming pool.
Owner—San Jose Country Club.
Architect—Not Selected
Following have been appointed on a committee to carry out details for financing and construction E. L. Bronson, J. Derrol Chace, Clovis C. Pomeroy, A. A. Zolezzi and J. L. Haskins. (8507)

BIDS OPENED
SAN FRANCISCO. — Empire Const. Co., Ltd., Russ Bldg., at $16,886 submitted low bid to Public Utilities Commission for additions to Hangars Nos. 3 and 4 at the Municipal Airport.
Complete bids follow:

Empire Const. Co.	$16,886
A. H. Vogt Company	17,870
Hanson Brothers	19,979
Frank J. Reilly	19,981

Bids held under advisement. *

PREPARING WORKING DRAWINGS
LOS ANGELES, Cal.—Los Angeles Union Terminal Co., 726 N. Alameda St., has started the preparation of working drawings for the new passenger station to be built on the Plaza [illegible] at Alameda and Macy Streets for the Santa Fe, Union Pacific and the Southern Pacific railroads. Tentative plans provide for a series of structures fronting approximately 900 feet on Alameda St. Work is under way at this time on a steam, air and water service tunnel, 5 ft. wide, 6½ ft. high and 600 feet long. A. J. Barclay, construction engineer for the terminal company, is in charge of the work. The plans are being prepared by the owner's drafting organization.

Bids Rejected.
LIVESTOCK BLDG. Cost, $610,000
SAN MATEO COUNTY, Cal. Visitacion Valley, South McLaren Park (54 acre tract).
One - story reinforced concrete and steel livestock bldg. (steel trusses; horse show arena, 300x400 feet; clear truss span over entire area, stadium to seat 10,000, flanked on each side by horse stall units (300 stalls) stadium portion height will be 100 ft. with 300 ft. span, shower rooms for horses, dormitory units for grooms, etc.)
Owner—Agricultural District 1-A.
Architect—W D Peugh, 333 Montgomery St., San Francisco.
New bids will be asked shortly.
On previous bid opening low bids were submitted as follows:
Work Complete—MacDonald & Kahn, Financial Center Bldg., San Francisco, $936,639.
Segregated General—Barrett & Hilp, 918 Harrison St., San Francisco, $618,000.
Mechanical Equipment—Alta Elec. & Mechanical Co., 467 O'Farrell St., San Francisco, $26,821.
Electric—American Electric Construction Co., 462 Bryant Street, San Francisco, $29,952.
Structural Steel — McClintic-Marshall Corp., 20th and Illinois Sts., San Francisco, $154,700.
Stadium Seats — Heywood Wakefield Co., 180 New Montgomery Street, San Francisco, $24,660.
Complete bids published Dec. 4.

SAN FRANCISCO—Valve Houses & Pipe Covering—(City)

SAN FRANCISCO.—G. Williams Co., 315 Primrose Rd., Burlingame, at $35,183.50 submitted low bid to the Public Utilities Commission, City Hall, under Spec. No. S.F.W.D. 88, for construction of valve houses and wood covering for pipe on trestle for the Bay Crossing Pipe Line No. 2. The contract provides for construction of protective wood covering and incidentals for sections of the pipe line on timber trestles over marsh lands bordering San Francisco Bay at Dumbarton Strait in Alameda and San Mateo counties; a valve house of wood frame with corrugated siding and roof on the east shore of Dumbarton Strait in Alameda County; and a valve house of wood frame with cement plaster and stucco finish, and a tile roof, near Redwood City, San Mateo County.

A total of approximately 19,250 ft. of 66-in. diameter steel pipe is to be covered.

The work involves:
(1) 348 MBM redwood lumber, in place
(2) 5,000 lbs. furnishing and installing bolts, nuts, washers and miscellaneous steel;
(3) 27,000 sq. yds. painting wood covering for pipe;
(4) lump sum, constructing a valve house above foundation at east side of S. F. Bay;
(5) lump sum, constructing a valve house above foundation at Redwood City;
(6) 10,000 lbs. installing metal work furnished by the city;
(7) 210 sq. ft. furnishing and installing steel floor grating;
(8) 50 each furnishing and installing "Cinch" anchor bolts.

Total bids follow:
(A) G. W. Williams Co., Burlingame, $35,183.50.
(B) M. J. Lynch, San Francisco, $37,037.50.
(C) Barrett & Hilp, San Francisco, $42,815.00.
(D) Eaton & Smith, San Francisco, $47,677.50.
(E) C. C. W. and H. H. Haun, San Francisco, $51,855.00.
(F) Youdall Const. Co., San Francisco $55,665.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(E)
(1)	$ 72.00	$ 70.00	$ 90.00	$ 105.00	$ 110.00	$ 109.00
(2)	.10	.12	.10	.13	.12	.19
(3)	.175	.15	.14	.16	.20	.17
(4)	2950.00	5000.00	4500.00	3160.00	4750.00	7000.00
(5)	1295.00	2500.00	2200.00	1870.00	2000.00	2800.00
(6)	.045	.02	.015	.05	.02	.15
(7)	.75	1.50	1.50	2.50	2.50	3.30
(8)	1.00	.25	1.00	2.50	2.00	4.00

Contract Awarded.

COLUMBARIUM Cost, $—
SAN MATEO, San Mateo Co., Calif.
Temple Emanuel Cemetery.
One-story marble columbarium.

Owner—N. A. Meyerfeld.
Architect—G. A. Lansburgh, 321 Bush St., San Francisco.
Contractor — Georgia Marble Co., 605 Market St., San Francisco.
(8518) 19

Contract Awarded.

RADIO STATION Cont. Price, $15,526
REDWOOD CITY, San Mateo Co.
Frame and reinforced concrete radio station.
Owner—Hearst Radio.
Architect — Miss Julia Morgan, Merchants' Exchange Building, San Francisco.
Contractor—G. H. Meese, 1401 Floribunda Ave., Burlingame.
As previously reported, Robt. Garcia, 0245 University Ave., Palo Alto, awarded contract for well drilling.

Bids Opened.

YACHT HARBOR Cost, $350,000
SAUSALITO, Marin Co., Calif.
Erect eight buildings, shipyard and steel fencing.
Owner—Golden Gate Yacht Harbor, Ltd., 897 Mills Bldg. San Francisco (Albert Von Der Werth, President)
Architect — Angus McSweeney (Willis Polk & Co.) 277 Pine Street, San Francisco.
Lindgren & Swinerton, 225 Bush St., San Francisco, submitted only bid at $130,767.
Complete bid follows:
(1) Work complete for Bldg. "A", not including pavement of first floor area, piling, concrete beams and footings, $9,701;
(2) Work complete for Bldg. "B", not including pavement of first floor area, piling, concrete beams and footings, $14,728;
(3) Work complete for Bldg. "C", not including pavement of first floor area, piling, concrete beams and footings, $14,792;
(4) Work complete for Bldg. "D", not including pavement of first floor area, piling, concrete beams and footings, $29,507;
(5) Work complete for Bldg. "E", not including pavement of first floor area, piling, concrete beams and footings, $18,267;
(6) Shipyard which shall include Bldgs. Nos. 1, 2, and 3, but not including concrete foundations of these buildings, such as walls, beams, piling and concrete slabs, $41,272;
(7) Steel fence and footings, $2,500.
Bid held under advisement.

20—MISC. SUPPLIES AND MATERIALS

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing full treated pressure creosoted poles, f.o.b. cars trucks, Los Angeles Harbor District, under Specifications No. 1842 were opened by D. P. Nicklin, Purchasing Agent of the Los Angeles Water & Power Bureau, 207 S. Broadway, December 9. Bids were taken on the following:
(1) 80 35-ft. poles;
(2) 225 40-ft. poles;
(3) 180 45-ft. poles;
(4) 100 50-ft. poles;
Bidders were:
(A) Consolidated Lumber Co.
(B) Pan Pacific Pile & Constr. Co.
(C) American Lumber & Treat. Co.
(D) Maydwell & Hartzell, Inc
(E) J. H. Baxter & Co.
(F) Texas Cresoting Co.
(G) Joslyn Company.
(H) C. R. McCormick Lumber Co.
Unit bids were:

	(1)	(2)	(3)	(4)
(A)	$12.95	$15.60	$18.90	$23.00
(B)	12.40	14.50	16.55	19.50
(C)	12.50	16.20	19.75	23.25
(D)	19.80	21.25	27.60	29.45
(E)	11.35	13.85	17.50	21.80
(F)	11.25	14.20	16.35	19.75
(G)	13.50	16.80	20.78	25.55
(H)	12.39	16.85	20.31	23.68

All terms net 9

CONTRACT AWARDED

SAN FRANCISCO, Calif. — West Coast Linoleum & Carpet Stores, 2703 Mission, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1475, for furnishing linoleum for the various City departments and Institutions for a term of one year, December 1, 1935 to November 30, 1936.

CONTRACT AWARDED

SAN FRANCISCO, Calif. — San Francisco Water Department, at $1,654.55, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1432, for furnishing galvanized steel pipe nipples for the Water Department.

CONTRACT AWARDED

SAN FRANCISCO, Sloss & Brittain, 1400 Howard St., at $0.304 each, awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1479, for furnishing 3,000 padlocks for the School Department.

CONTRACT AWARDED

OAKLAND, Calif.—U. S. Pipe and Foundry Corp., Monadnock Building, at $39,265 awarded contract by East Bay Municipal Utility District, Oakland, under Spec. No. 160, for furnishing 30,000 l.f. of cast iron pipe in 8-10- 12- and 16-inch diameters.

BIDS OPENED

SAN FRANCISCO—John A. Roebling's Sons Co., 646 Folsom St., at $0.1338 per lin. ft. on Item 1; and at $0.0924 per lin. ft. on Item 2, submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 2489, for furnishing:
(1) 13,900 ft. 12-pair lead-covered cable.
(2) 5000 ft. 6-pair lead-covered cable.
Identical bids at $0.153 on Item 1, and at $0.0989 in Item 2, were submitted by the following: Graybar Electric Co.; Electric Corp. of San Francisco; Westinghouse Elec. Supply Co.; General Cable Corp.; American Automatic Electric Sales Co., and General Electric Supply Corp.
Kellogg Switchboard & Supply Co., bid $0.17125 on Item 1 and $.10465 on Item 2.
Bids held under advisement. 20

December 9, 1935

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Cal.—Oil Well Supply Co. 934 N. Alameda St., Los Angeles, at $22,018.01 (plus $547.13 sales tax) awarded contract by the Long Beach City Council for furnishing 67,000 ft. seamless steel pipe for the gas department. 20

December 10, 1935

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing steel reinforcement bars under Circular Proposal No. 238 were opened by the U. S. Engineer, Dec. 5.
The items are:
(1) 500,000 lbs. ⅜-in. round bars;
(2) 6,200,000 lbs. ½-in. do (29 ft. 6-in. length);
(3) 18,500,000 lbs. ⅝-in. do;
(4) 800,000 lbs. ¾-in. do;
(5) 350,000 lbs. ⅞-in. do;
(6) 1,650,000 lbs. 1-in. do;
(7) 1,200,000 lbs. 1-in. square bars;
(8) 675,000 lbs. 1⅛-in. do;
(9) 400,000 lbs. 1¼-in. do.
The bids were:
Thirteen identical bids were submitted by' Ducommun Corp., Blue Diamond Corp., J. W. Black, Concrete Engr. Co., Soule Steel Corp., Union Hardware, Patten-Blinn Lumber Co., A. M. Castle Co., Security Materials Co., Consolidated Steel Corp., and Truscon Steel Corp.
The bids were: (1) $2.875; (2) $2.675; (3) $2.575; (4) $2.475; (5) $2.475; (6) $2.475; (7) $2.475; (8) $2.475; (9) $2.475; total $752,206.25; shipped from Torrance or Vernon; discount ½ of 1% 10 days on base point value.
Sheffield Steel Corp., (1) $2.294544; (2) $2.094544; (3) $1,994544; (4) to (9) inclusive, $1.894544; total, $606,473.20 f.o.b. Kansas City.
Los Angeles Iron Steel Co., (1) $0.02675; (2) $.02475; (3) $.02375; (4) to (9) inclusive, $.02275; total, $721,656.25; shipped as follows: 150 cars from Torrance; 100 cars from Huntington Park; 80 cars from Emeryville; discount ½ of 1%, 10 days on base point value.
California Hardware Co. (alternate bid) (1) $.0309502; (2) $.0289502; (3) $.0279502; (4) to (9) inc. $.0269502; shipped from Minnequa, Colo.; total, $848,817.31; discount ½of 1%, 10 days; $.79 cwt. freight allowance.
Consolidated Steel Corp. (alternate bid) (1) $3.3268; (2) $3.1268; (3) $3.0268; (4) to (9) inclusive, $2.9268; total $918,988.70; shipped from Pittsburgh, Pa.; discount ½of 1% 10 days on base point value; $1.17 cwt. freight allowance.
Republic Steel Corp. (no bond)—(1) $3.3378; (2) $3.1378; (3) $3.0378; (4) to (9) inclusive, $2.9378; total, $922,161.52; shipped from Buffalo, N. Y.; $1.17 cwt. freight allowance; cash discount, ½ of 1% on base point value.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Contracts for furnisbing approx. 120,000 feet of 8-in. I.D. bell and spigot, cast iron water pipe, have been awarded by the Los Angeles Water & Power Bureau, D. P. Nicklin, purchasing agent, as follows:
Items (1) and (4) to U. S. Pipe & Foundry Co., at $47,000.
Items (2) (5) and (6) to American Cast Iron Pipe Co. at $72,60.
Item (3) to National Cast Iron Pipe Co. at $23,500.
The bids were taken on deliveries of 20,000 ft. laying length of pipe in 16- 16½- 18- and 20-ft. lengths to each of the following yards:
(1) fob trucks, department's Hewitt St. pipe yard;
(2) do, Van Nuys pipe yard;
(3) do, Slauson and Compton Avenues pipe yard;
(4) do, Hewitt St. pipe yard;
(5) do, Van Nuys pipe yard:
(6) do, Van Nuys pipe yard.
The bidders were:
(A) American Cast Iron Pipe Co.;
(B) Pacific States Cast Iron Pipe Co.
(C) U. S. Pipe & Foundry Co.;
(D) Florence Pipe Foundry and Machine Co.;
(E) National Cast Iron Pipe Co.—Bid on item 3 only, $1.175 per l.f. (not shown in accompanying tabulation of bids).
The bids, showing prices per l.f., were:

	(A)	(B)	(C)	(D)
(1)	$1.19	$1.21	$1.17	$1.20
(2)	1.21	1.25	1.23	1.24
(3)	1.19	1.21	1.18	1.20
(4)	1.19	1.21	1.18	1.20
(5)	1.21	1.25	1.23	1.24
(6)	1.21	1.25	1.23	1.24

All terms net.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Dec. 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1495, for furnishing five miles of 3/4 Rd. alloy trolley wire.

Specifications obtainable from above office.

SAN FRANCISCO.—Until Dec. 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1496, for furnishing concrete meter boxes, lids, frames and covers, for the S. F. Water Department for the term Jan. 1, 1936 to Dec. 31, 1936.

Specifications obtainable from above office.

SAN FRANCISCO—Until December 16, 3 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. 1485, for furnishing pipe and fittings for the term January 1, 1936 to April 30, 1936.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Dec. 20, 3 P. M., bids will be received by F. A. Brooks, Purchaser of Supplies, Room 270, City Hall, under Bid No. UR-1498 for furnishing wood working machinery for work relief projects.

Specifications obtainable from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until December 18, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., John Kimball, Secretary, 512 16th St., Oakland, under Informal Proposal No. 708, for furnishing 195,000 sq. ft. of galvanized, welded, steel wire fabric, 2-in. x 4-in. weave, 13 gauge, AS & W both ways, 60-in. width.

Specifications obtainable from the above office.

CANAL ZONE

PANAMA CANAL ZONE—Until December 16, 10:30 A. M., bids will be received by A. L. Flint, General Purchasing Officer, The Panama Canal, Washington, D. C., under Schedule No. 3110, for furnishing miscellaneous supplies and equipment, including:

Ethyl alcohol, asphalt, white lead, paint, pigments, varnish, paint cans, mineral-seal oil, cup grease, foundry blacking, steel shot, caustic soda, pipe clamps, flashlight batteries, switchboards, transformers, snap switches, lead sleeving, tie plugs, asbestos millboard, oakum, pacing (flax, asbestos and rubber), automobile tires and porcelain insulators.

Specifications obtainable from the above office and from the Assistant Purchasing Agent, The Panama Canal, Fort Mason, San Francisco.

NAVY DEPARTMENT

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Department, Washington, D. C., for furnishing miscellaneous supplies and equipment as follows:

FIRE EXTINGUISHERS, carbon-tetrachloride, 100; Mare Island. Sch. 6636; Dec. 17.

METAL, galvanized steel expanded, 48,000 lbs; Mare Island and Puget Sound. Sch. 6643; Dec. 17.

BRAKE, motor-driven bending; Mare Island. Sch. 6653; Dec. 20.

Information obtainable from above office and at Headquarters, 12th Naval District, 100 Harrison St., San Francisco.

U. S. FOREST SERVICE

GOVERNMENT ISLAND, Cal.—Until December 16, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID No. 3035: (1) 100 doz. axe handles double-bitted; (2) 50 doz. axe handles, single-bitted; (3) 25 doz. axe handles, boys', double-bitted; (4) 25 doz. axe handles, boys' single-bitted; (5) 25 doz. axe handles, belt, single-bit; (6a) lump sub bid, Items 1 to 5 inclusive f. o.b. bidder's shipping point; (6b) lump sum bid, Items 1 to 5 inclusive, f.o.b. Government Island.

BID No. 3036: 75 doz. ladies' shovels.

BID No. 3042: (1) 100 belt axe sheaths (2) 200 D. B. axe sheaths, 3½ lb.; (3) 50 axe or hatchet marking sheaths; (4) 50 D. B. axe sheaths, 3½ lb.; (5) 150 Pulaski tool sheaths (6a) lump sum, Items 1 to 5 inclusive f.o.b. bidder's shipping point; (6b) lump sum bid, Items 1 to 5 inclusive, f.o.b. Government Island.

BID No. 3043. 4 Forestry type torches f.o.b. bidder's shipping point and/or Government Island.

Specifications obtainable from the above office.

GOVERNMENT ISLAND, Cal.—Until Dec. 17, 2 P. M., bids will be received by Frank Haynie, Supply Officer, Forest Service Supply Depot, Government Island, Oakland, as follows:

BID NO. 3053: (1) 4 dozen shovels, square point, D handle; (2) 12 doz. handles, shovel, long handle, round point;

BID NO. 3054: (1) 10 doz. 4 lb. falling wedges; (2) 12 doz. 16 lb. do.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

GOVERNMENT ISLAND, Cal.—Until Dec. 16, 2 P. M., bids will be received by H. R. Marsh, Assistant Supply Officer, Forest Service Supply Depot, Government Island, as follows:

BID NO. 3052: 20 folding tables, 3-ft. wide by 6-ft. long;

BID NO. 3051: (1) 60 nozzles, fire hose, plain type; (2) 20 siamese units, aluminum, shut off type; (3) 125 wrenches, spanner bronze slot type.

Delivery fob bidder's shipping point and/or Government Island.

Specifications obtainable from above office.

WAR DEPARTMENT

FORT MASON—Until December 17, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-419, for furnishing:

(1) 41 tons crushed rock, blue; clean, No. 3 and 4 mixed.
(2) 23 tons clean river sand.
(3) 20 bbls. Portland cement.
(4) 680 pcs. Ponderosa Pine lumber, No. 2 common.
(5) 132 pcs. Douglas Fir lumber, No. 1 common.
(6) 200 lbs. wire nails, common, 8d.
(7) 35 gals. lead zinc base paint, ready mixed, blue gray.
(8) 50 lbs. whiting putty.

Specifications obtainable from the above office.

LOS ANGELES, Cal.—Until Dec. 17, 3 P. M., bids will be recived by the U. S. Engineer Office, 751 S. Figueroa St., for furnishing approximately 266,000 bbls. Portland cement in paper bags for use in the county flood control projects under Circular Prop. No. 276. The items are:

(1) 63,630 bbls. delivered within city limits of Glendale for Verdugo Wash and Sycamore Wash projects.
(2) 53,400 bbls. delivered within a radius of 3 miles from Tijunga for the Haines Canyon, Dunsmuir Canyon and Eagle Canyon projects.
(3) 24,435 bbls. delivered within a radius of 3 miles of La Crescenta for the Shields Canyon, Snover Canyon, Hay Canyon, Weber Canyon and Winery Canyon projects.
(4) 101,985 bbls. delivered within a radius of 4½ miles of the intersection of Charlotte Ave. and Rubio Wash in the City of Alhambra, for Rubio Wash, Alhambra Wash, San Pasqual Wash and Mill Creek projects.
(5) 22,550 bbls. delivered within a radius of 4 miles of the intersection of North Ave. and Eaton Wash, Pasadena, for the Eaton Wash project.

Bid bond, 20%, must accompany bids.

SAN FRANCISCO—Until December 23, bids will be received by the Officer in Charge, Signal Corps Procurement District, Presidio of San Francisco, under Circular No. 11, for furnishing 28,008 duct ft. of vitrified clay conduit

Specifications obtainable from the above office.

FORT MASON, Cal.—Until December 20, 10 a. m., bids will be received by the Quartermaster Supply Office, San Francisco General Depot, Fort Mason, under Bid No. 928-36-142, for furnishing miscellaneous supples and equipment including repair parts for Dodge trucks; fans; water pump parts; ammeters; power plant assemblies; cylinder heads; valves; etc.

Materials are for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

Specifications obtainable from the above office.

U. S. PUBLIC ROADS

SAN FRANCISCO. — Until Dec. 17, 10 A. M., bids will be received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., for hauling Government - owned equipment, consisting of one 75-h.p. Allis-Chalmers tractor with bulldozer mountings and one Galion scarifier, approximate wt., 14 tons; from the Government road camp approximately 20 miles west of Willows on the Willows-Covello Road to the Bureau of Public Roads Equipment Depot at Government Island.

Contractor must insure the Government against all loss.

Information obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at $51,538 awarded contract by the State Highway Commission, Sacramento, for the construction of an overhead crossing near tracks of the Southern Pacific Railroad in Riverside County near Beaumont, consisting of one 70-ft. steel plate girder span and four 48-ft. steel spans on concrete piers with timber pile foundations.

CORRECTION IN LOW BIDDER

ALAMEDA COUNTY, Cal.—A. Soda & Son, 5231 Grove St., Oakland, at $49,469.50 submitted the lowest regular bid received by State Highway Commission, Sacramento, Dec. 4, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Mountain Blvd. in Oakland, consisting of two concrete abutments and steel superstructure and approximately 416 l.f. of roadway to be graded and paved with asphalt concrete pavement.

The check accompanying the low bid of Albany Cement Contractors, Inc., Berkeley, at $47,508.50 was incorrectly made out and the bid declared irregular.

BIDS OPENED

KERN COUNTY, Cal.—Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $295,611 submitted low bid to State Highway Commission, Sacramento, for the construction of a grade separation under the tracks of the Southern Pacific Co., consisting of two reinforced concrete abutments and a steel girder structure for carrying the tracks of the railroad, together with incidental structures; the construction of a reinforced concrete bridge across Poso Creek; grading and paving of approximately 2.2 miles of State Highway, and construction of incidental structures at Famosa.

The work involves:

(1) 1 lot clearing and grubbing,
(2) 3,000 M. gals. water;
(3) 83,000 c.y. rdwy. excav.;
(4) 2,700 c.y. struc. excav.;
(5) 750 c.y. ditch excav.;
(6) 2,240,000 sta. yds. overhaul;
(7) 146 sta. finishing rdwy.;
(8) 1,400 tons of mineral aggregate (road-mix surf.);
(9) 1,250 tons crusher run base;
(10) 22,500 sq. yds. preparing, mixing and shaping road bed (road-mix surface treatment);
(11) 265 tons SC-4 liquid asphalt;
(10) 37,500 sq. yds. subgrade for pave.;
(13) 1,100 sq. yds. asph. paint binder,
(14) 15,525 tons asphalt concrete;
(15) 2,300 c.y. Class A Portland cem. concrete (struc.);
(16) [illegible] c.y. Class A Portland cement [illegible] and gutters);
(17) [illegible] c.y. Class A Portland cem. [illegible] (curb);
(18) [illegible] c.y. Class A Portland cem. [illegible] (sidewalk);
(19) [illegible] c.y. Class [illegible] do (railing);
(20) [illegible] lbs. [illegible] reinf. stee ;
(21) [illegible] fabricated struc. steel
(22) [illegible] steel (catchbasin [illegible] and vent castings);
(23) [illegible] expansion plates
(24) 55 l.f. 8-in. CMP;
(25) 940 l.f. 10-in. CMP;
(27) [illegible] l.f. 12-in. CMP;
(28) 1,010 l.f. 15-in. CMP;
(29) 550 l.f. 18-in. CMP;
(30) 4[illegible] l.f. 24-in. CMP;
(31) 17 each spillway assemblies;
(32) 80 l.f. 12-in. cast iron bell and spigot pipe;
(33) 700 l.f. 8-in. tile drain pipe;
(34) 240 c.y. rock filling material;
(35) 1,020 l.f. guard rail;
(36) 8 each culvert markers;
(37) 1.0 mile new property fence (type A),
(38) 1.0 mile do (type B);
(39) 5 each fence gates (drive);
(40) 1[illegible] c.y. remove and dispose of existing pave.;
(41) 25 each monuments;
(42) 1 lot pumping and elec. equip.;
(43) 1 lot pump house fittings;
(44) 3 tons SC-2 liquid asphalt,
(45) 1 lot misc. items of work.

Total bids follow.

(A) Griffith Co., Los Angeles, $295,611.00.
(B) J. E. Hardrock Ltd., Pasadena, $302,255.55.
(C) Bodenhamer Const. Co., Oakland, $[illegible] 023.00.

Unit bids follow.

	(A)	(B)	(C)
(1)	$2,000.00	$500.00	$4,000.00
([illegible]	1.00	1.50	2.00
(3)	.36	.40	.49
(4)	1.00	2.50	1
(5)	1.00	2.00	1.00
(6)	[illegible]	.005	.005
(7)	2.00	10.00	5.00
(8)	2.00	3.25	4.00
(9)	3.00	3.70	4.00
(10)	.7	.10	.10
(11)	4.00	14.00	20.00
(12)	.0	.12	.10
(13)	.03	.03	.05
(14)	4.46	3.75	4.40
(15)	20.00	22.00	18.00
(16)	17.00	14.00	17.00
(17)	15.00	18.00	16.00
(18)	15.00	15.00	17.00
(19)	60.00	60.00	50.00
(20)	.05	.05	.04
(21)	.065	.0625	.06
(22)	7.00	7.00	8.00
(23)	.15	.15	.15
(24)	.25	.34	.20
(25)	1.00	.90	1.00
(26)	1.00	1.00	1.20
(27)	1.50	1.15	1.50
(28)	1.75	1.45	2.00
(29)	2.00	1.65	2.50
(30)	3.00	2.50	4.00
(31)	15.00	15.00	20.00
(32)	3.00	3.75	5.00
(33)	.10	.50	.08
(34)	4.00	4.00	5.00
(35)	1.25	1.00	1.50
(36)	2.00	2.50	3.00
(37)	550.00	600.00	500.00
(38)	450.00	650.00	600.00
(39)	20.00	15.00	30.00
(40)	2.00	2.50	3.00
(41)	3.00	3.00	2.00
(42)	500.00	2500.00	600.00
(43)	2500.00	500.00	3000.00
(44)	25.00	15.00	30.00
(45)	2,000.00	1500.00	900.00

BIDS OPENED

MONTEREY COUNTY, Calif.—Paul J. Tyler, P. O. Box 206, Oroville, and Lord & Bishop, Native Sons Bldg. Sacramento, at $155,187.40, bidding jointly, submitted low bid to the State Highway Commission, Sacramento for the construction of an undergrade crossing under the tracks of the S. P. Ry. at Soledad, consisting of two reinforced concrete abutments with steel superstructure, and grading and paving roadway with Portland cement concrete pavement and road-mix surfacing

The work involves.

(1) 270 M. gals. water;
(2) 28,000 c.y. rdwy. excav., unclass.
(3) 430,000 sta. yds. overhaul;
(4) 4,800 c.y. struc excav.;
(5) 210 c.y. concrete pave. to be removed;
(6) 8,550 sq. yds. subgrade for pave.;
(7) 41 sta. finishing rdwy.;
(8) 400 tons mineral aggregate (road mix surf.);
(9) 1,650 tons crusher run base;
(10) 8 tons liquid asphalt SC-2 (prime coat for surf.);
(11) 20 tons liquid asphalt ROMC-3 for surface;
(12) 8 tons do (surface seal);
(13) 20 tons liquid asphalt SC-2 (penetration);
(14) 22 tons Grade E asphalt (membrane seal);
(15) 30 tons stone screenings (seal);
(16) 1,750 c.y. Class A Portland cem. concrete (pave.);
(17) 1,100 c.y. do (struc.);
(18) 9 c.y. Class F do (railing);
(19) 86,000 lbs. bar reinf. steel;
(20) 3,460 each pavement dowels;
(21) 668,000 lbs. fabricated struc. steel
(22) 18 each cast steel frames and covers;
(23) 7,100 l.f. furnish treated Douglas fir piles, including test piles;
(24) 580 c.y. Class A Portland cem. concrete (slope paving);
(25) 68 l.f. 8-in. CMP;
(26) 380 l.f. 10-in. CMP;
(27) 370 l.f. 12-in. CMP;
(28) 38 l.f. 15-in. CMP;
(29) 872 l.f. 18-in. CMP;
(30) 3,900 l.f. 24-in. CMP;
(31) 2,300 l.f. 8-in. perf. metal pipe underdrains;
(32) 310 c.y. rock filling material;
(33) 540 l.f. 10-in. vit. clay pipe;
(34) 240 c.y. Class A Portland cement concrete (sidewalk);
(35) 2 each culvert markers;
(36) 20 each timber guide posts;
(37) 0.75 mile new property fence;
(38) 4 each drive gates;
(39) 1 only manhole with cover;
(40) 1 lot pumping equipment;
(41) 1 lot electrical equipment;
(42) 9 each monuments;
(43) 1 lot misc. items of work.

Total bids follow:

CAPITAL CITY TITLE COMPANY

J. C. PALEN, *Manager*

914 Seventh Street
Sacramento :: California

(A) Paul J. Tyler, Oroville, and Lord & Bishop, Sacramento, $155,187.00.
(B) Peninsula Paving Co., San Francisco, $161,433.50.
(C) Barrett & Hilp, San Francisco, $169,252.00.
(D) MacDonald & Kahn Co., Ltd., San Francisco, $185,912.00.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 1.00	$ .70	$ 2.50
(2)	.60	.75	.50	.60
(3)	.005	.005	.006	.02
(4)	1.50	1.00	1.00	1.30
(5)	3.00	1.50	2.50	4.00
(6)	.20	.11	.12	.12
(7)	10.00	5.00	8.00	10.00
(8)	3.00	3.00	2.50	2.50
(9)	3.00	2.00	2.25	2.00
(10)	20.00	15.00	15.00	25.00
(11)	20.00	20.00	20.00	22.00
(12)	20.00	20.00	20.00	25.00
(13)	20.00	15.00	18.00	22.00
(14)	20.00	22.00	18.00	22.00
(15)	3.00	3.00	2.50	3.00
(16)	11.00	11.50	14.00	16.00
(17)	17.00	14.00	21.00	18.00
(18)	60.00	50.00	90.00	80.00
(19)	.044	.055	.052	.06
(20)	.30	.30	.25	.20
(21)	.058	.07	.065	.068
(22)	20.00	30.00	40.00	40.00
(23)	.60	.60	.65	.60
(24)	15.00	14.50	18.00	23.00
(25)	1.00	1.00	1.10	1.00
(26)	1.25	1.10	1.30	1.25
(27)	1.40	1.25	1.50	1.50
(28)	1.60	1.50	1.75	2.00
(29)	1.80	1.75	2.10	2.00
(30)	2.25	2.50	2.50	2.50
(31)	1.00	1.00	1.10	1.90
(32)	2.00	3.00	3.20	3.50
(33)	.60	1.00	1.25	1.00
(34)	16.00	14.00	15.00	14.00
(35)	2.00	2.50	5.00	5.00
(36)	2.00	2.25	5.00	3.00
(37)	600.00	450.00	800.00	600.00
(38)	15.00	20.00	30.00	20.00
(39)	75.00	100.00	200.00	125.00
(40)	2000.00	2000.00	2000.00	2000.00
(41)	500.00	1500.00	800.00	2000.00
(42)	3.00	3.00	5.00	3.00
(43)	1000.00	500.00	2000.00	2000.00

BIDS OPENED

MONTEREY COUNTY, Cal.—F. O. Bohnett, Campbell, at $249,108.05 submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Salinas.

The work involves:

(1) 1,500 c.y. existing concrete to be removed;
(2) 50 M. gals. water;
(3) 42,000 c.y. rdwy. excav.;
(4) 2,000 c.y. struc. excav.;
(5) 12,000 sq. yds. subgrade for pave.;
(6) 320 tons crusher run base;
(7) 160 tons mineral aggregate (plant mixed surfacing);
(8) 8 tons liquid asphalt SC-2 (plant-mixed surf.);
(9) 2 tons do (prime coat);
(10) 11 c.y. stone screenings (seal coat);
(11) 1 ton liquid asphalt MC-3 (seal coat);
(12) 1,450 tons asphalt concrete;
(13) 1,250 c.y. Class A Portland cem. concrete (pavement);
(14) 120 c.y. Class A do (curbs and gutters);
(15) 130 c.y. Class A do (sidewalk);
(16) 390 c.y. Class A do (subfloor);
(17) 2,850 c.y. Class A do (thick floor)
(18) 2,250 c.y. Class A do (struc.);
(19) 118 c.y. Class F do (railing);
(20) 3,100 each pavement dowels;
(21) 155,000 lbs. bar reinf. steel;
(22) 3,600 lbs. cast steel (catchbasin covers and frames);
(23) 4,800 l.f. furnish treated Douglas fir piles, including test piles;
(24) 160 each drive treated Douglas fir piles, including test piles;
(25) 266 l.f. 8-in. CMP;
(26) 503 l.f. 12-in. CMP;
(27) 260 l.f. 15-in. CMP;
(28) 84 l.f. 18-in. CMP;
(29) 129 l.f. 6-in. vit. clay pipe;
(30) 4 each 4-in. wyes on 6-in. vit. clay pipe;
(31) 1 each 6-in. tee on do;
(32) 936 l.f. 8-in. vit. clay pipe;
(33) 20 each 6-in. wyes on 8-in. vit. clay pipe;
(34) 1 each 6-in. tee on do;
(35) 400 l.f. 10-in. vit. clay pipe;
(36) 60 l.f. 4-in. cast iron bell and spigot pipe;
(37) 150 l.f. 8-in. do;
(38) 260 l.f. 10-in. do;
(39) 1,465 l.f. 12-in. do;
(40) 700 l.f. ¾-in. galv. iron pipe;
(41) 740 l.f. 1-in. galv. iron pipe;
(42) 6 each concrete manholes;
(43) 5,800 sq. yds. membrane waterproofing;
(44) 5,800 lbs. copper strips;
(45) 700 c.y. top soil;
(46) 17 ea. trees, platanus racemosa;
(47) 35 each shrubs, pyracantha yunnanensis;
(48) 65 each vines, bignonia tweediana
(49) 4,000 sq. yds. lawn;
(50) 255 each sprinkler heads;
(51) 1 lot electrical lighting equip.;
(52) 1 lot pumping equipment;
(53) 675,000 lbs. fabricated structural steel;
(54) 1 lot misc. items of work.

Total bids follow:

(A) F. O. Bohnett, Campbell, $249,108.05.
(B) M. B. McGowan, Inc., and C. W. Caletti & Co., San Francisco, $254,638.00.
(C) Union Paving Co., San Francisco, $261,322.20.
(D) MacDonald & Kahn Co., Ltd., San Francisco, $276,375.70.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 3.00	$ 2.00	$ 3.00	$ 2.00
(2)	2.00	1.50	1.00	1.00
(3)	.80	1.25	1.00	1.25
(4)	2.00	1.50	1.20	2.00
(5)	.12	.20	.08	.10
(6)	2.75	2.00	3.10	3.00
(7)	5.00	8.00	5.00	6.00
(8)	30.00	30.00	12.00	20.00
(9)	30.00	30.00	15.00	25.00
(10)	4.20	4.00	5.75	5.00
(11)	40.00	30.00	30.00	25.00
(12)	7.50	10.00	5.50	6.00
(13)	9.50	10.00	11.50	10.00
(14)	15.00	15.00	15.00	12.00
(15)	16.00	15.00	14.00	13.00
(16)	13.00	15.00	10.00	12.00
(17)	11.60	10.00	10.50	15.00
(18)	17.00	18.00	15.75	20.00
(19)	40.00	30.00	50.00	40.00
(20)	.35	.40	.45	.30
(21)	.046	.05	.05	.04
(22)	.12	.10	.10	.09
(23)	.60	.60	.65	.60
(24)	15.00	20.00	14.00	18.00
(25)	1.00	1.00	1.20	1.00
(26)	1.25	1.00	1.50	1.00
(27)	1.50	1.50	1.75	1.30
(28)	2.00	2.00	2.25	1.50
(29)	.80	.50	.70	.30
(30)	2.00	1.00	1.25	2.00
(31)	2.00	1.00	1.25	2.30
(32)	.90	.50	.95	.50
(33)	2.50	1.00	1.75	2.00
(34)	2.50	1.00	1.75	2.00
(35)	1.00	.50	1.25	.50
(36)	.85	1.00	1.00	.70
(37)	1.60	1.50	1.75	2.00
(38)	2.25	2.00	2.50	2.00
(39)	2.75	2.50	3.25	3.00
(40)	.15	.15	.30	.15
(41)	.20	.20	.35	.20
(42)	125.00	50.00	70.00	70.00
(43)	.60	.70	.75	.70
(44)	.40	.50	.60	.40
(45)	1.50	1.00	4.00	1.00
(46)	2.50	1.00	2.00	2.00
(47)	1.00	.50	.50	1.00
(48)	1.25	.50	.75	1.00
(49)	.30	.15	.20	.20
(50)	4.00	3.00	4.75	4.00
(51)	7000.00	4000.00	7000.00	5000.00
(52)	1000.00	1500.00	1900.00	2000.00
(53)	.06	.05	.07	.05
(54)	3000.00	345.00	3000.00	5000.00

BIDS OPENED

ALAMEDA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $87,161 submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the crossing under the tracks of the Western Pacific Railroad Co. at Jackson St., Hayward, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.15 mile grading and paving with Portland cement concrete pavement.

The work involves:

(1) 14,000 cu. yds. roadway excav., unclass.;
(2) 1550 cu. yds. struc. excav.;
(3) 1620 sq. yds. subgrade for pave.
(4) 350 cu. yds. crushed gravel or stone (borders);
(5) 300 cu. yds. Class A Portland cement concrete (pave.);
(6) 1600 cu. yds. Class A Portland cement concrete (structures);
(7) 290 cu. yds. Class A Portland cement concrete (curbs and gutters);
(8) 65 cu. yds. Class A Portland conc. (sidewalks);
(9) 650 each pavement dowels;
(10) 95,000 lbs. bar reinf. steel;
(11) 140,000 lbs. struc. steel;
(12) 3000 lbs. cast steel (covers and frames);
(13) 7100 lin. ft. furnishing treated Douglas fir piles, includ. test piles;
(14) 470 each driving treated Douglas fir piles, includ. test piles;
(15) 780 lin. ft. 12-in. CMP;
(16) 850 lin. ft. 8-in. perf. metal pipe (underdrains);
(17) 80 cu. yds. rock filling material;
(18) 370 lin. ft. 12-in. cast iron bell and spigot pipe;
(19) 810 lin. ft. pipe handrail;
(20) 5 tons liq. asphalt SC-2 (borders)
(21) 56 each pyracantha yunnanensis:
(22) 5 each eucalyptus sideroxylon rosea;
(23) 135 cu. yds. top soil;
(24) 1 lot elect. equipment;
(25) 1 lot pumping equipment;
(26) 1 lot misc. items of work.

Total bids follow:

(A) Peninsula Paving Co., San Francisco, $87,161.00.
(B) MacDonald & Kahn Co., Ltd., San Francisco, $94,122.00.
(C) Barrett & Hilp, San Francisco, $95,537.70.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ .50	$ .60	$ .53
(2)	2.00	1.30	2.20
(3)	.15	.12	.15
(4)	3.50	3.00	3.00
(5)	12.00	13.00	13.00
(6)	16.50	18.50	21.50
(7)	13.00	16.00	17.00
(8)	13.00	16.00	19.00
(9)	.30	.30	.25
(10)	.05	.06	.05
(11)	.075	.09	.075
(12)	.15	.20	.15
(13)	.60	.65	.65
(14)	14.00	15.00	16.00
(15)	1.50	1.30	1.60
(16)	1.50	1.00	1.30
(17)	3.00	4.00	3.00
(18)	4.00	2.50	4.00
(19)	5.50	3.00	2.50
(20)	20.00	20.00	25.00
(21)	3.00	4.00	.70
(22)	3.00	3.00	6.00
(23)	4.00	2.00	2.00
(24)	1500.00	1225.00	1100.00
(25)	2300.00	2100.00	1300.00
(26)	1000.00	1300.00	1500.00

BIDS OPENED

STANISLAUS COUNTY, Cal.—Pacific Bridge Co., 1114 Balfour Bldg., San Francisco, at $162,973.50 submit-

ted low bid to the State Highway Commission, Sacramento, for about 3.1 miles grading, applying road-mix surface treatment, and constructing a bridge in Stanislaus County between River Road and two miles west of Gates Road.

The work involves:

(1) 1150 M. gals. water;
(2) 9000 cu. yds. roadway excavation unclass.;
(3) 499 cu. yds. ditch and channel excavation;
(4) 56,000 cu. yds. imported borrow;
(5) 1920 cu. yds. struc. excav.;
(6) 90 sta. preparing exist. rdwy.;
(7) 146 sta. finishing roadway;
(8) 34 tons liquid asphalt SC-2 (prime coat);
(9) 404 tons liquid asphalt SC-4.
(10) 32,700 sq. yds. preparing, mixing, and shaping roadbed;
(11) 560 cu. yds. Class A Portland cement conc. (pavement);
(12) 660 cu. yds. Class A Portland cement concrete (struc.);
(13) 270 cu. yds. Class A Portland cement conc. (footing blocks);
(14) 172,000 lbs. bar reinf. steel;
(15) 342,000 lbs. structural steel;
(16) 4160 lbs. cast steel;
(17) 360 MFBM treated Douglas fir timber;
(18) 26 MFBM Redwood timber, dense, select, all heart structural grade
(19) 3044 lin. ft. furnishing untreated Douglas fir piles, includ. test piles;
(20) 23,000 lin. ft. furnishing treated Douglas fir piles, including test piles;
(21) 445 each driving Douglas fir piles, including test piles;
(22) 40 lin. ft. 18-in. CMP;
(23) 82 lin. ft. 24-in. CMP;
(24) 370 lin. ft. 36-in. CMP (siphons);
(25) 24 each concrete joints (pipe siphons);
(26) 104 each guide posts;
(27) 2.1 miles new property fences;
(28) 4 each drive gates;
(29) 42 each monuments complete in place;
(30) 1 lot misc. bridge items of work.

Total bids follow:

(A) Pacific Bridge Co., San Francisco, $162,973.50.
(B) N. M. Ball Sons Co., Berkeley, $168,519.20.
(C) Paul J. Tyler, Oroville, and Lord & Bishop, Sacramento, $183,556.00.
(D) C. W. Caletti & Co., San Rafael, $187,867.20.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.50	$ 1.00	$ 1.50	$ 1.00
(2)	.65	.30	.30	.50
(3).	1.00	1.00	1.20	1.00
(4)	.50	.43	.60	.55
(5)	4.00	6.00	6.00	4.00
(6)	10.00	8.00	15.00	10.00
(7)	10.00	5.00	10.00	6.00
(8)	20.00	13.00	20.00	17.50
(9).	20.00	14.00	20.00	17.50
(10)	.06	.045	.08	.12
(11)	10.00	11.00	12.50	14.50
(12)..	18.00	21.00	20.00	20.00
(13)	9.00	21.00	15.00	14.00
(14)	.04	.045	.044	.05
(15) .	.06	.07	.068	.075
(16). .	.15	.15	.15	.20
(17)	85.00	85.00	90.00	95.00
(18).	90.00	100.00	100.00	140.00
(19)...	.25	.30	.30	.30
(20)	.60	.60	.65	.70
(21)	12.50	18.00	12.00	20.00
(22).	2.00	2.00	1.50	3.00
(23)	3.00	2.75	2.50	3.50
(24)	6.00	6.00	7.00	7.50
(25)	5.00	25.00	25.00	20.00
(26)	2.00	2.50	2.50	2.00
(27)	600.00	500.00	450.00	400.00
(28)	20.00	18.00	15.00	15.00
(29)	3.00	3.00	2.50	4.00
(30)	800.00	1000.00	2500.00	1000.00

BIDS WANTED

PLACERVILLE, ElDorado Co., Cal. Until Jan. 7, 2 P. M., bids will be received by Arthur J. Kolczke, Clerk Board of Supervisors, for construction of a bridge across Clear Creek, Pleasant Valley Road District No. 2

BIDS WANTED

COLUSA COUNTY, Cal.—Until December 23, 10:30 A. M., bids will be received by the Division of Highways, C. H. Whitmore, District Engineer, 703 B St., Marysville, for removing and disposing of portions of four existing concrete bridges in Colusa County, between Williams and the northerly boundary.

The work involves:

(1) 1 lot existing bridges to be removed and disposed of;
(2) 5 cu. yds Class A Portland cement concrete in place (structures).
(3) 320 lin. ft laminated guard railing in place.

Plans and specifications obtainable from the above office. * 21

BIDS REJECTED

SAN BENITO COUNTY, Calif.—All bids received November 19 by L. H. Gibson, District Engineer, San Luis Obispo, for salvaging an existing 120-ft. bridge from Pacheco Creek and erection at San Benito River, and the Salvaging of the existing 100-ft. San Benito River bridge, have been rejected by the State Highway Commission, Sacramento.

Rocca & Co., San Rafael, at $7,503 submitted the low bid.

BIDS OPENED

SHASTA COUNTY, Calif. — Cannon Bros., 223 S Pannes Ave., Compton, at $7,965 submitted the only bid received by the State Highway Engineer, Sacramento, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pitt River, to be constructed in connection with the Kennett Dam.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS OPENED

RICHMOND, Contra Costa Co., Cal. —San Francisco Bridge Co., 503 Market St., San Francisco, at $7,457 for repair of the fender system complete, and at $1,690 for repairs to dolphins at Wharf No. 2, submitted low bid to the Richmond City Council Dec 9.

Duncanson-Harrelson Co., San Francisco, at $7,500 for the fender system and at $1,690 for the dolphins, submitted the only other bid.

Bids held under advisement until December 16.

E. A. Hoffman, City Engineer.

BIDS WANTED

NEWPORT BEACH, Orange Co., Cal.—Until Dec. 23, 7:30 P. M., bids will be received by the Newport Beach city council for constructing about 590 ft. of wooden sheet piling bulkhead at the Newport Bay harbor entrance. The estimated cost is about $20,000.

R. L. Patterson, city engineer

BIDS OPENED

SAUSALITO, Marin Co., Cal.—Lindgren & Swinerton, 225 Bush St., San Francisco, submitted only bid at $219,140 to Golden Gate Yacht Harbor, Ltd. for constructing piers, bulkheads, dolphins, marine railway, foundations, dredging, filling and pavement for the yacht harbor at Shelter Cove, Sausalito.

Unit prices follow:

(1) Constructing all the work called for in plans and specifications, except dredging, fill and pavement (lump sum) $186,300.
(2) 8,000 c.y. dredging beetween 6-ft. contour and the bulkhead, $2,000;
(3) 16,000 c.y. dredging channel areas, $4,480;
(4) 36,000 c.y. deposit dry fill in area back of bulkhead, $12,600;
(5) 64,600 s.f. laying asphalt pavement, $12,920;
(6) 4,200 s.f. laying cement pavement, $840;
(7) Deduct for each l.f. sheet steel pile omitted, $50;
(8) Deduct for each unit of one brace pile and 1 wave baffle slab omitted, $150.

Bid held under advisement.

23—IRRIGATION PROJ.

WORK SUSPENDED TEMPORARILY

GILA PROJECT, Arizona—Suspension of the work on the Yuma-Gila reclamation project is only temporary until a suitable soil investigation has been made, according to an announcement by Dr. Elwood Mead, U. S. Reclamation Commissioner. The fifteen bids received December 4 were returned unopened. According to Secretary of Interior Harold L. Ickes, agriculture officials had questioned the potential fertility of the 150,000 acres to be supplied with water in the Gila reclamation project.

to Frank Penman and Frank Conner, Los Angeles, Nov. 27, for 0.5 cfs from two branches of Sacramento Canyon, for mining and domestic purposes. Estimated cost, $200.

4667, App. 8402 (Sierra Co.) Issued to Mrs. Ray Siedletz, Los Angeles, November 29, for 3 cfs from East Fork North Fork Yuba River, for mining and domestic purposes. Est. cost, $500.

COMPLETE BID LISTING

SUN RIVER PROJECT, Montana—T. G. Rowland, 1558 Yale Ave., Salt Lake City, at $43,530.90, as previously reported, submitted low bid to the Bureau of Reclamation, Fairfield, Montana, C. E. Crownover, Project Engineer, under Spec. No. 650, for the construction of earthwork and structures, Mill Coulee waterway and laterals and sublaterals, Greenfield Division and Sun River Slope Division, Sun River Project, located near Fairfield and August on the Sun River.

Complete bids follow:

T. G. Rowland, Salt Lake City: Sch. (1) $1593; (2) $14,619; (3) $27,318; total, $43,530.90.

Rue Constr. Co., Bismark, North Dakota, (1) $1685.70; (2) $15,113.80; (3) $29,295.90; total, $46,095.40.

Tomlinson-Arkwright Co., Great Falls Mont., (1) $2704; (2) $21,929.60; (3) $29,295.90; total, $46,095.40.

Bids held under advisement.

CONTRACT AWARDED

SAN DIEGO, Cal.—Sparkes & McClellan, 23rd and Central Sts., Newport Beach, at approximately $44,650 awarded contract by the Navy Department, Washington, D. C., under Spec No. 8105, for dredging areas in the vicinity of piers at the Fuel Depot and quay wall at the Destroyer Base, San Diego.

The amount to be dredged at Fuel Depot, including allowable overdepth, is 23,000 c.y., and at the Destroyer base, including allowable overdepth, 80,000 c.y.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

PASADENA, Los Angeles Co., Cal. —General Electric Co., 5021 Santa Fe Ave., Los Angeles, at $45,275 awarded contract by the Pasadena City Directors for furnishing two

6000 - kv. 16,000/2400 - volt, 3 - phase power transformers for the Maryland substation, to be located on Skillen Lane, ½ block west of Los Robles Avenue.

BIDS OPENED

BOULDER CITY, Nevada—Following bids received by the Bureau of Reclamation, Denver, November 29, under Spec. No. 744-D, for furnishing circuit breakers and disconnecting switches for installation in the switchyard at the Boulder Power Plant, as follows:

(1) One 138 kv. oil circuit breaker;
(2) Three 138-kv. disconnecting switches;
(3) One 138-kv. lightning arresters.

Complete bids follow:

General Electric Co., Schenectady, New York: (1) $20,400; (2) $7135; (3) $3072.84.

Pacific Elec. Mfg. Co., San Francisco: (1) $13,932; (2) $7135; (3) no bid.

Westinghouse Elec. & Mfg. Co., Denver: (1) $20,520; (2) no bid; (3) $3333.

Kelman Elec. & Mfg. Co., Los Angeles: (1) $16,300; (2) and (3) no bids.

Electric Power Equipment Corp., Philadelphia: (1) no bid; (2) $7135; (3) no bid.

Delta-Star Elec. Co., Chicago: (1) no bid; (2) $7135; (3) no bid.

Railway & Industrial Engr. Co., Greensburg, Pa.: (1) no bid; (2) $7135; (3) no bid.

Electric Engrs. Equip. Co., Melrose Park, Ill.: (1) no bid; (2) $7135; (3) no bid.

Bowie Switch Co., San Francisco: (1) no bid; (2) $7136; (3) no bid.

All bids net; f.o.b. Boulder City.

Bids held under advisement.

28 — FIRE EQUIPMENT

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal.—Seagrave Corp., Chronicle Bldg., San Francisco, at approximately $7596 awarded contract by the Richmond City Council for furnishing a new 600-gal. pumping engine for the Fire Department.

29— STREETS AND HIGHWAYS

BIDS OPENED

SAN BERNARDINO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $54,142, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of an overhead crossing over the tracks of the Atchison, Topeka & Santa Fe Railway, eight miles west of Needles, consisting of one 56-ft. two 53-ft. 6-in., and two 17-ft. 6-in. spans on concrete piers, and a bridge across a drainage channel consisting of four 19-ft. timber spans on timber pile foundations, and approximately 0.57 mile grading and surfacing with road-mix surfacing.

The work involves:

(1) 4,100 c.y. rdwy. excav., unclass.;
(2) 10,000 sta. yds. overhaul;
(3) 73,600 c.y. imported borrow;
(4) 300 c.y. struc. excav.;
(5) 28 sta. finishing rdwy.;
(6) 66 tons liquid asphalt SC-2 (road-mix surface treatment);
(7) 7 tons liquid asphalt 90-95 (seal coat);
(8) 6,400 sq. yds. preparing, mixing, and shaping roadbed (road-mix surface treatment);
(9) 80 tons screenings (seal coat);
(10) 500 c.y. Class A Portland cement concrete (struc.);
(11) 26 c.y. Class A do (railing);
(12) 120,000 lbs. bar reinf. steel;
(13) 32 MFBM redwood timber, dense, select, allheart struc. grade;
(14) 13 MFBM redwood timber, select all heart struc. grade;
(15) 1,000 l.f. furnishing treated Douglas fir piles, inc. test piles.
(16) 50 each driving do;
(17) 16 each monuments;
(18) 1 lot misc. items of work.

Total bids follow:

(A) Basich Bros., Torrance, $54,142.
(B) A. S. Vinnell Co., Los Angeles, $63,961;
(C) Matich Bros., Elsinore, $75,709;
(D) R. E. Campbell, Los Angeles, $78,898;
(E) V. R. Dennis, Constr. Co., San Diego, $79,853 (see foot note to tabulation).

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$.35	$.35	$.44	$.40	$.40
(2)	.01	.01	.01	.01	.02
(3)	.32	.36	.50	.58	*47.00
(4)	1.50	3.00	5.25	1.00	2.00
(5)	10.00	5.00	5.00	10.00	10.00
(6)	15.00	15.00	15.05	15.00	15.00
(7)	35.00	40.00	45.20	40.00	35.00
(8)	.10	.15	.10	.12	.07
(9)	4.50	10.00	6.94	4.00	7.00
(10)	23.50	32.00	34.55	31.00	45.00
(11)	60.00	50.00	42.35	48.00	75.00
(12)	.05	.055	.05	.05	.06
(13)	90.00	110.00	113.50	120.00	100.00
(14)	94.00	120.00	109.00	120.00	100.00
(15)	.78	1.00	.675	.62	.60
(16)	20.00	20.00	25.00	30.00	25.00
(17)	3.00	5.00	2.50	4.00	3.00
(18)	850.00	800.00	1395.00	1200.00	2250.00

*Apparently an error; intended for 47c—makes bid irregular.

LOW BIDDER

YAVAPAI COUNTY, Ariz.—Pearson & Dickerson, Box 471, Prescott, at $141,960 submitted low bid to the Arizona State Highway Commission, Phoenix, December 6, for highway construction of the Prescott-Jerome Highway (F.A 96-C; A. E. F. 7909). The work, which is to begin at the Prescott National Forest boundary, about 22 miles northeast of Prescott, and is to extend northeasterly for about 5½ miles, consists of grading and draining, and is to be completed on or before August 31, 1936. 9

CONTRACT AWARDED

PERSHING COUNTY, Nev.—Jack A. Casson, 319 Warren Street, Hayward, Calif., at $49,109.70, as previously reported, submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway system in Pershing County between Lovelock and 5 miles south, a length of approximately 4.98 miles.

The work involves

(1) 39 l.f. remove culvert pipe;
(2) 1 each remove concrete culvert;
(3) 6 each remove headwall;
(4) 3 each remove timber bridge;
(5) 5,300 c.y. rdwy. excav.;
(6) 34,850 c.y. select borrow;
(7) 242 c.y. struc. excav.;
(8) 4.98 miles finish roadway;
(9) 112 c.y. Class A concrete;
(10) 11 c.y. Class B concrete;
(11) 11,110 lbs. reinf. steel;
(12) 2.1 MFBM redwood;
(13) 276 l.f. 12-in. corru. metal pipe (dipped);
(14) 116 l.f. 15-in. do;
(15) 156 l.f. 18-in. do;
(16) 42 l.f. 30-in. do;
(17) 4 l.f. 36-in. do.

Total bids follow:

(A) J. A. Casson, Hayward, $49,109.70.
(B) Pacific Const. Co., San Francisco, $50,463.50.
(C) Geo. French, Jr., Stockton, $53,249.30.
(D) Engineer's estimate, $48,764.20.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 1.00	$ 2.00	$ 1.50	$ 1.50
(2)	100.00	150.00	200.00	150.00
(3)	5.00	15.00	20.00	10.00
(4)	25.00	200.00	50.00	50.00
(5)	.75	1.00	1.00	1.00
(6)	1.10	.90	1.10	1.00
(7)	1.00	2.00	1.50	1.50
(8)	100.00	500.00	200.00	200.00
(9)	30.00	40.00	40.00	35.00
(10)	30.00	40.00	40.00	35.00
(11)	.07	.15	.08	.07
(12)	120.00	300.00	150.00	120.00
(13)	1.50	3.00	2.00	2.00
(14)	1.75	4.00	2.50	2.50
(15)	2.00	5.00	3.50	3.00
(16)	3.50	8.00	4.50	4.00
(17)	5.00	10.00	6.50	6.00

CONTRACT AWARDED

WHITE PINE COUNTY, Nevada—George French Jr., P. O. Box 107, Stockton, at $84,546.85, as previously reported, submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in White Pine County, Route 38, Section A, between Lund and Preston, a length of approximately 5.38 miles.

The work involves

(1) 567 l.f. remove culvert pipe;
(2) 6 each remove structure;
(3) 3 each remove stumps;
(4) 4,768 l.f. remove fence;
(5) 3 c.y. remove concrete;
(6) 25,290 c.y. rdwy. excav.;
(7) 24,084 yd sta. overhaul;
(8) 47,200 c.y. select borrow;
(9) 530 c.y. struc. ecav.;
(10) 5.38 miles subgrade;
(11) 5.38 miles finish roadway;
(12) 20,720 tons crush. gravel or stone surface;
(13) 132 c.y. Class A concrete;
(14) 30 c.y. Class B concrete;
(15) 13,130 lbs. reinforcing steel;
(16) 252 l.f. relay culvert pipe;
(17) 492 l.f. 10-in. corru. metal pipe (dipped);
(18) 136 l.f. 15-in. do;
(19) 302 l.f. 18-in. do;
(20) 274 l.f. 24-in. do;
(21) 34 each monuments;
(22) 466 l.f. construct fence;
(23) 4,507 l.f. reconstruct fence;

Total bids follow:

(A) George French, Jr., Stockton, $84,546.85.
(B) Pacific Constr. Co., San Francisco, $88,859.22.
(C) Engineer's Estimate, $83,390.68.

Unit bids follow:

	(A)	(B)	(C)
(1)	$ 1.00	$ 1.00	$ .50
(2)	20.00	100.00	15.00
(3)	20.00	30.00	5.00
(4)	.05	.10	.02
(5)	10.00	20.00	5.00
(6)	.75	.70	.65
(7)	.75	.03	.04
(8)	.70	.72	.75
(9)	1.50	3.00	1.50
(10)	100.00	300.00	150.00
(11)	200.00	300.00	500.00
(12)	.75	.80	.75
(13)	40.00	40.00	35.00
(14)	40.00	40.00	35.00
(15)	.10	.10	.07
(16)	1.50	1.00	1.00
(17)	2.00	3.00	1.75
(18)	2.50	3.50	2.25
(19)	3.00	4.00	2.50
(20)	4.00	5.00	3.00
(21)	4.00	5.00	3.00
(22)	.20	.20	.12
(23)	.15	.10	.12

SONORA, Tuolumne Co., Cal.—Until December 20, 8 P. M., bids will be received by the Sonora City Council, J. V. Wulff, City Clerk, for street paving in the City.

Estimated cost, $33,350.

The PWA has allotted a grant of 45% of the total estimated cost.

Robert Thom, City Engineer. *

BIDS OPENED

SAN BERNARDINO COUNTY, Calif.—George Herz & Co., 311 Platt Bldg., San Bernardino, at $103,808.30 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway near Verdemont, consisting of two concrete abutments with steel and concrete superstructure and grading and surfacing approximately 0.57 mile of highway with plant-mixed surfacing (slow curing type).

The work involves:

(1) 225 M. gals. water;
(2) 46,000 c.y. rdwy. excav., unclass.;
(3) 1,550 c.y. struc. excav.;
(4) 256,000 sta. yds. overhaul;
(5) 30 sta. finishing roadway;
(6) 3,100 tons mineral agg. (plant-mixed surfacing);
(7) 163 tons liquid asph. SC-2 (plant mixed surfacing);
(8) 13 tons do (prime coat);
(9) 22 tons do (road-mix surf. treatment);
(10) 2,670 sq. yd. preparing, mixing and shaping road bed (road-mix surface treatment);
(11) 13 tons liquid asphalt 90-95 (seal coat);
(12) 152 tons screenings (seal coat);
(13) 56,000 lbs. bar reinf. steel;
(14) 560 c.y. Class A Portland cement concrete (struc.);
(15) 158,000 lb. carbon struc. steel;
(16) 42,000 lbs. silicon do;
(17) 3,700 lbs. cast steel;
(18) 3,000 l.f. 12-in. CMP;
(19) 186 l.f. 24-in. CMP;
(20) 150 l.f. 8-in. perf. metal pipe;
(21) 300 c.y. Class A Portland cement concrete (curbs and gutters);
(22) 152 l.f. pipe handrail;
(23) 1 lot waterproofing;
(24) 3,100 l.f. 1-in. standard galvanized pipe;
(25) 30 each ¾-in. standard garden hose brass valves;
(26) 15 each monuments;
(27) 1 lot misc. items of work.

Total bids follow:

(A) George Herz & Co., San Bernardino, $60,808.30;
(B) Geo. J. Bock Co., Los Angeles, $65,052.40;
(C) Bannister-Field Co., Ltd. and Fred E. Potts, Los Angeles, $72,748.90;
(D) C. E. Robbins, Los Angeles, $75,875.50.
(E) R. E. Campbell, Los Angeles, $89,786.40.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1.80	$1.80	$1.80	$1.50	$2.00
(2)	.22	.30	.50	.38	.53
(3)	.70	1.00	1.00	1.50	2.00
(4)	.005	.005	.005	.01	.005
(5)	6.00	4.00	10.00	5.00	10.00
(6)	2.20	2.25	2.20	3.00	2.50
(7)	8.30	8.50	8.30	10.00	10.00
(8)	10.00	18.00	16.60	20.00	20.00
(9)	10.00	18.00	20.00	20.00	20.00
(10)	.07	.07	.03	.10	.10
(11)	18.00	25.00	21.00	25.00	25.00
(12)	2.60	2.50	2.00	2.50	3.00
(13)	.046	.045	.04	.04	.05
(14)	15.50	15.00	16.00	18.00	28.00
(15)	.072	.068	.06	.065	.071
(16)	.68	.0775	.07	.075	.08
(17)	.15	.25	.20	.15	.08
(18)	1.30	1.50	1.50	1.50	1.80
(19)	2.80	2.50	3.00	2.50	3.00
(20)	1.20	1.00	1.10	1.50	1.50
(21)	14.00	12.00	10.00	14.00	12.00
(22)	3.50	1.75	3.00	3.00	3.00
(23)	1200.00	1000.00	1500.00	2000.00	1000.00
(24)	.18	.25	.15	.35	.20
(25)	.80	2.00	1.00	4.00	3.00
(26)	2.50	3.00	3.00	5.00	5.00
(27)	700.00	1500.00	550.40	1000.00	1500.00

ALAMEDA COUNTY—Broadway Terrace Undercrossing

ALAMEDA COUNTY, Calif.—Lindgren & Swinerton, 1723 Webster St., Oakland, at $103,386.70 submitted low bid to the State Highway Commission Sacramento, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Broadway Terrace, Oakland, consisting of two concrete abutments, one concrete center pier, and steel superstructure; approximately 0.34 mile of roadway to be graded and surfaced with plant-mixed surfacing.

The work involves

(1) 39,000 c.y. rdwy. excav., unclass.;
(2) 1,050 c.y. struc. excav.;
(3) 2,300 c.y. selected imported borrow;
(4) 8,900 sq. yds. subgrade for pave.;
(5) 18 sta. finishing rdwy.;
(6) 560 tons crusher run base;
(7) 375 tons mineral aggregate (plant mixed surfacing);
(8) 19 tons liquid asphalt SC-2 (do);
(9) 3 tons liquid asphalt SC-2 (prime coat);
(10) 3 tons liquid asphalt MC-3 (seal-coat);
(11) 22 tons stone screenings (seal coat);
(12) 1,660 c.y. Class A Portland cement concrete (pavement);
(13) 1,325 c.y. do (structure);
(14) 2,130 each pavement dowels;
(15) 180,000 lbs. bar reinf. steel;
(16) 228,000 lbs. struc. steel;
(17) 4 each cast iron manhole cover and frame assemblies;
(18) 6 each storm water inlet grating and frame assemblies;
(19) 330 l.f. 6-in. drain tile;
(20) 260 l.f. 8-in. vitrified clay pipe;
(21) 240 l.f. 12-in. do;
(22) 60 l.f. 15-in. do;
(23) 22 c.y. rock filling material;
(24) 350 c.y. Class A Portland cement concrete (curbs and gutters);
(25) 15 c.y. Class A do (sidewalks);
(26) 250 l.f. laminated guard rail;
(27) 28 tons Grade E asphalt (membrane seal);
(28) 1 lot misc. items of work.

Total bids follow:

(A) Lindgren & Swinerton, Oakland, $103,386.50.
(B) N. M. Ball Sons Co., Berkeley, $104,895.40.
(C) Barrett & Hilp, San Francisco, $111,737.00.
(D) Heafey-Moore Co., Oakland, $119-165.65.
(E) H. C. Vensano, San Francisco, $129,343.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .40	$ .36	$ .40	$ .80	$ .85
(2)	2.50	1.75	1.75	3.50	2.50
(3)	.90	.80	.70	1.00	.75
(4)	.11	.10	.10	.18	.18
(5)	8.00	5.00	9.00	10.00	15.00
(6)	2.50	1.60	2.50	2.75	3.00
(7)	4.10	3.00	4.25	2.75	4.00
(8)	20.00	14.25	20.00	8.00	20.00
(9)	25.00	20.00	20.00	13.00	18.00
(10)	25.00	20.00	20.00	20.00	20.00
(11)	3.40	2.00	4.00	3.00	3.00
(12)	11.50	8.20	13.50	10.50	11.50
(13)	16.00	15.75	20.00	16.00	19.70
(14)	.30	.25	.25	.25	.35
(15)	.048	.045	.05	.0512	.05
(16)	.084	.075	.075	.0822	.085
(17)	24.00	25.00	50.00	18.20	40.00
(18)	60.00	55.00	80.00	39.00	40.00
(19)	.24	.35	.40	.35	.35
(20)	.90	.60	1.00	.60	.75
(21)	1.20	1.25	1.25	.85	1.25
(22)	1.50	1.74	1.50	1.45	1.75
(23)	3.00	3.00	4.00	3.00	4.00
(24)	15.50	13.00	15.00	16.00	20.00
(25)	15.00	14.00	15.00	16.00	20.00
(26)	1.25	1.50	1.00	1.50	2.00
(27)	19.00	19.00	15.00	15.00	20.00
(28)	2000.00	1500.00	4818.25	2630.00	2350.00

SAN FRANCISCO—Williams Street Overcrossing—(STATE)

SAN FRANCISCO COUNTY.—F. C. Amoroso & Sons, N. E. Corner Keith & Wallace Ave., San Francisco, at $28,940, submitted low bid to the State Highway Commission, Sacramento, for the widening of an overhead crossing over the tracks of the Southern Pacific Railroad at Williams Street in the City of San Francisco, consisting of one 42-ft and one 43-ft. 7-in. steel I-beam spans on steel bents and concrete abutments with wing walls on spread footings.

The work involves:

(1) 40 c.y. struc. excav.;
(2) 850 c.y. Class A Portland cement concrete (struc.);
(3) 36,000 lbs. bar reinf. steel;
(4) 190,000 lbs. struc. railing;
(5) 7,500 lbs. pipe hand railing;
(6) 1 lot existing superstructure to be removed and disposed of;
(7) 1 lot misc. items of work.

Total bids follow:

(A) F. C. Amoroso & Sons, San Francisco $28,940.00
(B) MacDonald & Kahn Co., Ltd., San Francisco 29,506.00
(C) Lindgren & Swinerton, San Francisco 31,299.50
(D) Chas. L. Harney, Sao Francisco 31,325.00
(E) Barrett & Hilp, San Francisco 31,595.00
(F) Eaton & Smith, San Francisco 31,862.50
(G) Alfred H. Vogt Co., Inc., San Francisco 33,675.00
(H) H. C. Vensano, San Francisco 35,015.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$8.00	$4.90	$20.50	$5.00	$9.00	$8.00	$5.00	$4.00
(2)	15.20	16.00	16.52	14.50	18.00	16.70	18.00	18.00
(3)	.0475	.042	.0441	.05	.053	.055	.045	.055
(4)	.063	.06	.0634	.07	.063	.07	.06	.072
(5)	.13	.20	.1431	.20	.15	.155	.15	.20
(6)	900.00	1100.00	1807.00	2000.00	900.00	975.00	4000.00	1990.00
(7)	630.00	170.00	180.00	500.00	350.00	260.00	300.00	735.00

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—J. L. McClain, 5850 Brynhurst Ave., Los Angeles, at $555,334, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.7 miles grading on Sepulveda Blvd., Los Angeles, between San Fernando Road and Brand Boulevard.

The work involves:

(1) 191 sta. clearing and grubbing right-of-way;
(2) 6300 M. gals. water;
(3) 318,500 cu. yds. road excav. unclass.;
(4) 3800 cu. yds. struc. excav.;
(5) 3800 cu. yds. ditch and channel excavation;
(6) 6,000,000 station yds. overhaul;
(7) 191 sta. finishing roadway;
(8) 210 tons mineral aggregate (plant-mixed surfacing);
(9) 11 tons liquid asphalt MC-5 or MC-extra heavy (plant - mixed surfacing);
(10) 20 tons asphalt concrete (Type "AX" surface);
(11) 10 cu. yds. Class A Portland cement concrete (struct.).
(12) 220 cu. yds. Class B Portland cement concrete (struct.);
(13) 3200 lbs. bar reinf. steel (struct.)
(14) 18 MFBM treated Douglas Fir timber;
(15) 0.3 MFBM untreated Douglas Fir timber;
(16) 1800 lbs. struc. steel and metal;
(17) 27 each spillway assemblies;
(18) 740 lin. ft. 8-in. CMP;
(19) 130 lin. ft. 18-in. CMP;
(20) 70 lin. ft. 21-in. CMP;
(21) 970 lin. ft. 24-in. CMP;
(22) 122 lin. ft. 36-in. CMP;
(23) 100 lin. ft. 60-in. CMP;
(24) 200 lin. ft. 78-in. CMP;
(25) 385 lin. ft. 150 in multiplate CMP (93-11);
(26) 150 lin. ft. 18-in. CMP (siphon);
(27) 110 lin. ft. 24-in. CMP (siphon);
(28) 41 each culvert markers.

Total bids follow:

(A) J. L. McClain, Los Angeles, $555,334.00.
(B) Oswald Bros., Los Angeles, $569,976.00.

Unit bids follow:

	(A)	(B)
(1)	$15.00	$ 14.00
(2)	.70	1.20
(3)	1.33	1.385
(4)	2.00	1.15
(5)	2.00	1.15
(6)	.003	.005
(7)	12.00	4.00
(8)	5.00	5.40
(9)	25.00	17.00
(10)	8.00	6.00
(11)	35.00	20.00
(12)	30.00	18.00
(13)	.08	.05
(14)	90.00	100.00
(15)	60.00	100.00
(16)	.15	.12
(17)	15.00	17.00
(18)	1.00	1.10
(19)	2.00	1.90
(20)	2.20	2.10
(21)	3.00	2.70
(22)	5.00	5.00
(23)	11.00	1.00
(24)	18.00	17.50
(25)	65.00	45.00
(26)	4.00	2.35
(27)	5.50	3.40
(28)	3.00	2.00

BIDS WANTED

APACHE COUNTY, Arizona.—Until **December 10**, 2 p. m., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on the Showlow-Concho Highway, W.P.S.O. 104-A: A.F.E. 609.

The work, which is to begin at Ortega Lake about 12 miles east of Showlow and is to extend northeasterly about 19.1 miles to Concho, consists of grading, draining and the furnishing and placing aggregate base course, and is to be completed on or before October 31, 1936.

The principal items and approximate quantities are

17,700 cu. yds. roadway excav.;
6,200 cu. yds. drain excav.;
3,500 cu. yds. slides and overbreakage;
1,500 cu. yds. struct. excav.,
201,200 cu. yds. borrow excav.;
34,200 cu.yds. select material (CIP);
17,100 cu. yds. aggregate base course (CIP),
169 cu yds. class "A" concrete,
28,400 lbs. reinforcing steel;
2,778 lin ft. C.M.P. (6 sizes);
5 each cattle guards;
22,600 lin. ft. line fence.

Plans may be obtained from the office of the State Highway Engineer, T. S. O'Connell. Certified or cashier's check, 5%. Funds in the sum of $217,323.25, have been programmed for this project.

BIDS WANTED

KINGS COUNTY, Calif.—Until Dec. 26, 2 P. M., new bids will be received by the State Highway Commission at Sacramento, for grading shoulders on about 6.3 miles in Kings County between two miles south of Lemoore and 1½ miles east of Stratford.

The work involves

(1) 1,900 c.y. rdwy. excav., unclass.;
(2) 8,600 c.y. imported borow;
(3) 331 sta. finishing rdwy.;

Plans and specifications obtainable at the office of the State Highway Engineer, P. O. Box 1199, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles and Fresno.

Bids on this project were previously opened December 3, at which time L. A. Brisco, Arroyo Grande, at $20,295 submitted the only bid received.

LOS ANGELES CO.—HOBART UNDERCROSSING—State

LOS ANGELES CO., Calif.—John Strona, Pomona, at $146,122.50, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of an undergrade crossing under the tracks of the A. T. & S. F. Ry. at Hobart, consisting of two steel beam spans with concrete deck on concrete pier and two concrete abutments with wing walls.

The work involves:

(1) 21 sta. clearing and grubbing;
(2) 400 M. gals. water;
(3) 48,000 cu. yds. rdwy. excav. unclass.;
(4) 1200 cu. yds. struc. excav.;
(5) 17,000 sq. yds. subgrade for pave.
(6) 30 tons liquid asphalt 90-95 (subgrade treatment);
(7) 21 sta. finishing roadway;
(8) 1200 tons imported selected material (base);
(9) 585 tons mineral aggregate (plant-mix surfacing);
(10) 32 tons liquid asph. MC-5 or MC extra heavy (plant-mixed surfacing);
(11) 6 tons liquid asphalt MC-2 (prime coat);
(12) 3120 cu. yds. Class A Portland cement concrete (pave.);
(13) 100,000 lbs. bar reinf. steel;
(14) 1400 each pavement dowels;
(15) 1665 cu. yds. Class A Portland cement concrete (struct.);
(16) 34 cu. yds. Class A Portland cement concrete (railing);
(17) 732,000 lbs. structural steel;
(18) 330 cu. yds. Class A Portland cement concrete (slope paving);
(19) 160 lin. ft. 24-in. reinf. concrete pipe;
(20) 120 lin. ft. 18-in. cast iron pipe;
(21) 720 cu. yds. Class A Portland cement concrete (curbs and sidewalks);
(22) 80 lin. ft. solid timber guard rail;
(23) 1 lot waterproofing;
(24) 1210 cu. yds. concrete to be removed and disposed of;
(25) 2100 lbs. misc. iron and steel;
(26) 150 lin. ft. curb armor;
(27) 1 lot pumping equipment;
(28) 1 lot electrical equipment;
(29) 1 lot misc. items of work.

Total bids follow:

(A) John Strona, Pomona, $146,122.50.
(B) Griffith Co., Los Angeles, $148,335.50.
(C) Basich Bros., Torrance, $152,417.25.
(D) Mundo Engr. Co., Los Angeles, $153,986.00.
(E) Oswald Bros., Los Angeles, $154,923.60.
(F) T. A. Allen Const. Co., Los Angeles, $156,071.00.
(G) Bannister-Field Co., Ltd., and F. E. Potts, Los Angeles, $156,757.95.
(H) J. E. Haddock, Ltd., Pasadena, $162,419.50.
(I) R. E. Campbell, Los Angeles $174,769.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)	$ 10.00	$ 5.00	$ 10.00	$ 5.00	$ 3.00	$ 24.00	$ 10.00	$ 10.00	$ 44.00
(2)	1.25	1.00	1.00	1.50	.60	.40	1.25	1.00	1.50
(3)	.31	.26	.40	.30	.345	.32	.49	.38	.40
(4)	.55	.90	.75	1.00	1.10	1.00	1.20	2.50	2.00
(5)	.09	.10	.12	.12	.10	.22	.15	.10	.07
(6)	20.00	20.00	20.00	25.00	24.50	20.00	15.80	19.00	66.00
(7)	5.00	5.00	5.00	10.00	6.00	15.00	10.00	5.00	10.00
(8)	.60	.75	1.00	.80	.80	1.05	.90	2.30	1.50
(9)	3.35	2.00	3.15	3.00	2.50	3.20	4.00	3.00	5.00
(10)	15.00	12.00	20.00	15.00	15.30	17.00	13.25	16.50	20.00
(11)	30.00	20.00	20.00	25.00	21.75	22.50	18.30	25.00	21.00
(12)	8.00	7.50	8.00	8.50	8.00	8.25	7.50	8.00	9.60
(13)	.04	.045	.045	.045	.05	.05	.046	.048	.05
(14)	.10	.10	.10	.15	.11	.12	.086	.12	.15
(15)	15.25	16.70	15.00	16.00	17.50	13.60	16.45	16.00	19.80
(16)	30.00	60.00	30.00	60.00	52.00	48.50	49.50	30.00	47.50
(17)	.055	.052	.055	.06	.055	.0575	.055	.06	.0575
(18)	8.00	14.00	14.00	10.00	14.00	20.00	10.35	17.00	10.50
(19)	3.00	3.00	4.00	3.00	3.50	4.75	4.00	3.30	5.50
(20)	3.00	5.00	5.00	5.00	6.50	8.00	5.20	6.00	5.50
(21)	12.00	15.00	13.00	12.00	13.00	15.20	10.00	13.00	16.50
(22)	1.00	1.50	2.00	1.00	1.15	2.45	2.00	1.00	1.25
(23)	4050.00	5000.00	5000.00	4650.00	5200.00	5000.00	4150.00	5000.00	4000.00
(24)	1.00	2.00	2.25	2.00	1.50	1.40	2.25	2.00	2.00
(25)	.14	.12	.12	.16	.13	.13	.10	.13	.20
(26)	.75	1.00	1.00	1.00	.85	1.00	.60	.75	1.00
(27)	1960.00	2200.00	2000.00	2225.00	2500.00	2475.00	2525.00	2350.00	2340.00
(28)	4000.00	700.00	500.00	475.00	600.00	400.00	475.00	400.00	425.00
(29)	2000.00	3000.00	300.00	1000.00	600.00	475.00	1234.50	1400.00	750.00

SAN JOAQUIN—Stockton Undercrossing—(STATE)

SAN JOAQUIN COUNTY.—Biasotti-Willard & Biasotti, 40 W. Clay St., Stockton, and Rocca & Co., Box 444, San Rafael, bidding jointly, at $267,421.15, submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Railroad and the Western Pacific Railroad at Charter Way in the City of Stockton, consisting of reinforced concrete abutments with steel superstructure; and approximately 0.28 mile roadway to be graded and paved with Portland cement concrete pavement and asphalt concrete pavement.

The work involves:

(1) 43,000 cu. yds roadway excavation unclassified;
(2) 10,000 cu.yds. struc excavation.
(3) 10,000 sta.yds. overhaul;
(4) 1,600 cu.yds. existing pavement and strucs. to be removed;
(5) 15,000 sq.yds. subgrade for pavement;
(6) 1,620 tons mineral aggregate (plant-mixed surfacing, detour);
(7) 81 tons liq. asphalt SC-2 (plant-mixed surfacing, detour),
(8) 10 tons liquid asphalt SC-1A (prime coat, detour);
(9) 3,850 tons asphalt concrete;
(10) 250 sq.yds. asphaltic paint binder;
(11) 940 cu.yds. class A Portland cement concrete (pavement);
(12) 5,380 cu.yds. class A Portland cement concrete (structure);
(13) 85 cu.yds. class F Portland cement (railing);
(14) 1,300 each pavement dowels;
(15) 500,000 lbs. bar reinf. steel;
(16) 310,000 lbs. structural steel;
(17) 540,000 lbs. fabricated structural steel;
(18) 7,500 lbs. cast iron catch basin cover and frame assemblies.
(19) 29,500 lin.ft. furnishing treated Douglas fir piles, including test piles;
(20) 352 each driving treated Douglas fir piles, including test piles;
(21) 60 lin.ft 8-in. CMP;
(22) 10 lin.ft 18-in. CMP;
(23) 2,170 lin.ft 6-in standard drain tile.
(24) 120 cu.yds. rock filling material.
(25) 112 lin.ft. 4-in vit. clay pipe.
(26) 890 lin.ft. 6-in. vit. clay pipe;
(27) 110 lin.ft. 8-in. vit. clay pipe;
(28) 1,200 lin.ft 18-in. vit. clay pipe.
(29) 136 lin.ft 8-in plain concrete pipe;
(30) 58 lin.ft 14-in plain concrete pipe.
(31) 510 cu.yds. class A Portland cement concrete (curbs and gutters)
(32) 130 cu.yds. class A Portland cement concrete (sidewalks);
(33) 250 lin.ft. 6-in cast iron pipe;
(34) 104 lin. ft. 8-in. cast iron pipe;
(35) 1,170 lin. ft. 12-in. cast iron pipe.
(36) 46 lin.ft. 17-in cast iron pipe;
(37) 3 each lampholes.
(38) 2 each brick manholes, 4 ft sanitary.
(39) 6 each brick manholes, 5 ft sanitary.
(40) 3 each brick manholes, 4 ft storm water;
(41) 2,200 lbs. copper strips;
(42) 1 lot electrical equipment;
(43) 1 lot pumping equipment;
(44) 1 lot misc. items of work.

The bids follow

(A) Biasotti-Willard & Biasotti, Stockton, and Rocca & Co., San Rafael $267,421.15
(B) Union Paving Co., San Francisco 279,931.20
(C) C. W. Caletti & Co., San Rafael 282,194.60
(D) Bodenhamer Constr Co., Oakland 285,250.00
(E) Paul J. Tyler, Oroville and Lord & Bishop, Sacramento 289,064.30
(F) MacDonald & Kahn Co., Ltd., San Francisco 310,201.00

Unit bids follow

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$.60	$.55	$.52	$.75	$.50	$.61
(2)	.60	1.00	.82	1.00	1.25	1.25
(3)	.01	.02	.01	.03	.01	.04
(4)	1.25	2.50	1.50	2.50	1.00	4.00
(5)	.15	.10	.11	.15	.20	.12
(6)	3.90	2.50	5.00	4.00	4.00	4.00
(7)	5.00	11.00	15.00	15.00	15.00	10.00
(8)	16.70	12.50	20.00	20.00	20.00	15.00
(9)	5.00	4.00	5.50	5.00	4.75	5.00
(10)	.10	.05	.10	.15	.10	.13
(11)	9.70	10.00	9.75	9.00	10.50	11.00
(12)	12.50	14.00	13.50	14.00	17.00	16.70
(13)	80.00	60.00	40.00	40.00	60.00	45.00
(14)	.35	.30	.25	.46	.30	.30
(15)	.0428	.045	.045	.045	.044	.047
(16)	.068	.075	.075	.05	.064	.06
(17)	.0537	.06	.065	.06	.0525	.0652
(18)	.07	.10	.09	.15	.10	.12
(19)	.57	.65	.54	.60	.60	.70
(20)	12.00	14.00	14.00	15.00	11.00	16.00
(21)	1.25	1.75	1.50	1.00	1.00	1.50
(22)	2.00	2.50	2.50	2.00	2.00	2.50
(23)	.18	.25	.25	.50	.20	.20
(24)	2.70	1.50	2.50	1.50	2.75	4.00
(25)	.25	.30	.30	.40	.30	.40
(26)	.35	.50	.40	.50	.35	.50
(27)	.50	.70	.50	.60	.40	.60
(28)	1.55	1.75	1.80	2.00	1.50	2.00
(29)	.80	.75	.30	.60	.50	1.20
(30)	2.25	1.00	.60	1.50	1.15	1.50
(31)	10.66	13.50	18.00	14.00	15.00	15.00
(32)	11.30	13.50	16.00	14.00	15.00	14.00
(33)	1.15	1.00	1.05	1.00	1.00	1.40
(34)	1.75	1.65	1.40	1.75	1.50	2.00
(35)	2.75	2.75	2.40	2.80	2.60	3.00
(36)	1.00	1.50	3.30	3.80	1.50	5.00
(37)	3.00	25.00	9.00	50.00	15.00	60.00
(38)	75	75.00	65.00	75.00	75.00	70.00
(39)	.75	85.00	175.00	75.00	75.00	60.00
(40)	.75	30.00	100.00	75.00	75.00	60.00
(41)	.50	.45	.30	.50	.40	.40
(42)	4000.00	5000.00	3680.00	4500.00	3500.00	4000.00
(43)	4000.00	1750.00	1676.00	2000.00	2000.00	3000.00
(44)	5000.00	2000.00	2984.00	1000.00	1000.00	1000.00

BIDS OPENED

LOS ANGELES & ORANGE COUNTIES, Calif.—R. E. Campbell Construction Co., 108 W. 6th St., Los Angeles, at $332,995, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.6 miles grading and surfacing with selected material base in Los Angeles and Orange Counties, between Lutwieler Ave. and La Mirada Ave.

The work involves:

(1) 135 sta. clear and grub right of way;
(2) 2,300 M. gals. water;
(3) 140,500 c.y. rdwy. excav., unclass.
(4) 1,800 c.y. struc. excav.;
(5) 550 c.y. ditch and channel excav.
(6) 250,000 sta. yds. overhaul;
(7) 135 sta. finishing rdwy.;
(8) 13,500 tons selected material;
(9) 240 c.y. Class A Portland cement concrete (struc.);
(10) 50 c.y. Class B do;
(11) 44,000 lbs. bar reinf. steel;
(12) 20 MFBM redwood timber, dense, select, all heart struc. grade;
(13) 15 MFBM redwood timber, select, all heart struc. grade;
(14) 30 tons rock (weep holes);
(15) 340 l.f. 8-in. CMP;
(16) 280 l.f. 18-in. CMP;
(17) 680 l.f. 24-in. CMP;
(18) 170 l.f. 54-in. CMP, 8 gauge;
(19) 14 each spillway assemblies.

Total bids follow:

(A) R. E. Campbell, Los Angeles, $332,995.00;
(B) J. E. Haddock, Ltd., Pasadena, $333,199.00;
(C) Oswald Bros., Los Angeles, $335,561.50;
(D) Basich Bros., Torrance, $359,968.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 20.00	$ 24.00	$ 12.50	$200.00
(2)	1.50	2.00	4.00	7.00
(3)	2.02	2.00	2.10	1.75
(4)	2.00	2.40	1.25	4.00
(5)	2.00	2.40	1.25	1.25
(6)	.005	.02	.01	.002
(7)	10.00	24.00	7.50	20.00
(8)	1.60	1.35	1.00	3.00
(9)	20.00	18.00	20.00	25.00
(10)	18.00	18.00	18.00	19.00
(11)	.05	.05	.055	.06
(12)	115.00	105.00	100.00	120.00
(13)	105.00	100.00	100.00	120.00
(14)	2.00	3.80	2.00	3.00
(15)	1.00	.90	1.00	1.50
(16)	2.00	1.60	1.75	2.50
(17)	3.00	2.50	2.75	3.50
(18)	10.00	11.00	11.00	6.00
(19)	15.00	14.00	16.00	14.00

29

BIDS OPENED

SAN DIEGO COUNTY, Cal.—Daley Corp., 4430 Boundary St., San Diego, at $329,813, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 3.3 miles grading in San Diego County on Palomar Mountain Road between Iron Spring Creek and the Observatory site.

The work involves:

(1) 173 stations clearing & grubbing right of way;
(2) 500 M. gals. water;
(3) 138,500 c.y. rdwy. excav., unclass.
(4) 132,500 sta. yds. overhaul;
(5) 1,650 c.y. struc. excav.;
(6) 10,000 c.y. imported selected material;
(7) 173 sta. finishing rdwy.;
(8) 1,486 l.f. 18-in. CMP;
(9) 512 l.f. 24-in. CMP;
(10) 116 l.f. 30-in. CMP;
(11) 370 l.f. 36-in. CMP;
(12) 128 l.f. 48-in. CMP;
(13) 68 l.f. 8-in. perf. metal pipe underdrains;
(14) 120 l.f. 75-in. multi-plate CMP;
(15) 60 c.y. rubble masonry;
(16) 0.3 mile removing exist. fences;
(17) 1,050 each border stones.

Total bids follow:
(A) Daley Corp., $329,813.00.
(B) V. R. Denis Constr. Co., San Diego, $349,705.00.
Unit bids follow:

	(A)	(B)
(1)	$300.00	$250.00
(2)	2.50	4.00
(3)	1.625	1.75
(4)	.01	.02
(5)	3.25	4.00
(6)	2.25	2.00
(7)	20.00	40.00
(8)	2.50	3.00
(9)	4.00	5.00
(10)	6.00	8.00
(11)	8.00	12.00
(12)	12.00	15.00
(13)	1.75	3.00
(14)	30.00	50.00
(15)	20.00	35.00
(16)	150.00	500.00
(17)	3.00	3.00

BIDS OPENED

BUTTE CO., Cal.—E. B. Bishop, Orland, at $17,092.75 submitted low bid to the State Highway Commission at Sacramento, for about 2.9 miles grading and surfacing with untreated crushed gravel or stone in Butte Co. between 3.4 miles east of Butte Creek and Cherokee Canal.

The work involves:
(1) 145 M. gals. water;
(2) 1300 cu. yds. imported borrow;
(3) 4900 tons untreated crushed gravel or stone surfacing;
(4) 225 tons untreated crushed gravel or stone (stockpiles);
(5) 32 tons liquid asphalt SC-2;
(6) 190 tons sand.

Total bids follow:
(A) E. B. Bishop, Orland . $17,092.75
(B) C. C. Wood, Stockton ... 17,210.25
(C) R. R. Carlson, Vallejo.. 18,225.00
(D) L. F. Piazza, San Jose . 18,465.30
(E) Heafey-Moore Co., Oakland 19,560.00
(F) Hemstreet & Bell, Marysville 21,062.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$1.50	$2.00	$2.00	$2.00	$2.00	$2.00
(2)	.75	1.20	1.25	1.78	1.50	1.25
(3)	2.85	2.75	2.90	2.84	3.15	3.50
(4)	2.85	2.75	2.40	2.84	3.00	3.50
(5)	25.00	23.25	25.00	22.00	20.00	20.00
(6)	2.60	2.75	4.00	3.17	3.00	3.00

NOTICE TO BIDDERS

STATE OF CALIFORNIA—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the genral location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on December 26, and in Los Angeles on December 27.

VI-Kin-Lemmore Road, between 2 miles South of Lemoore and 1½ miles East of Stratford. Bids to be opened in Sacramento. (PLANS) No. of sheets 4; Cost, $1.40 (CROSS-SECTIONS), No. of sheets, none; Total $1.40.

XI-Riv-64-Q, Indio, between 10 miles West of Indio and Indio. Bids to be opened in Los Angeles. (PLANS) No. of sheets, 30; Cost, $3.00; (CROSS-SECTIONS) No. of sheets, 188; Cost, $18.80; total, $21.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the request for the above plans, specifications and proposal form addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

CONTRACT AWARDED

FRESNO COUNTY, Cal. Stewart & Nuss, Inc., and John Jurkovich, 410 Thorne Avenue, Fresno, at $30,214 awarded contract by the State Highway Commission, Sacramento, for about 1.6 miles grading on Sand Creek Road in Fresno County, between the Junction with Route 41 and 1½ miles west.

CONTRACT AWARDED

SANTA BARBARA COUNTY Cal Oswald Bros., 366 E 58th St., Los Angeles, at $94,078 awarded contract by the State Highway Commission, Sacramento, for about 5.4 miles grading and surfacing with road mix surfacing over gravel base in Santa Barbara County, between one mile east of Santa Ynez and Los Olivos.

OAKLAND—EIGHTH ST. IMPROVEMENT—CITY

OAKLAND, Calif. — Lee J. Immel, 1031 Evelyn St., Berkeley, at $49,112.15 submitted low bid to the Oakland City Council, December 5, for the improvement of Eighth Street between Fallon St. and Cypress St.

The work involves
(1) 121,680 sq.ft. grading;
(2) 11,833 l.f. concrete curb;
(3) 3,526 l.f. existing granite curb to be reset;
(4) 98,196 sq.ft. concrete pavement;
(5) 1,300 tons asphaltic concrete mixture;
(6) 5,220 sq.ft. concrete driveways;
(7) 8,025 sq.ft. cement sidewalks;
(8) 12 storm water inlets, Type B;
(9) 14 catch basins, Type B;
(10) 4 manholes;
(11) 190 l.f. 10-in. vitrified pipe sewer;
(12) 6 wye branches;
(13) 198 l.f. 16-in. vitrified pipe conduit;
(14) 315 l.f. 12-in. vitrified pipe conduit;
(15) 51 l.f. 8-in. x 24-in. corrugated iron and concrete culvert;
(16) 1 handhole;
(17) 12 existing catch basins to be reconstructed.

Total bids follow:
(A) Lee J. Immel, Berkeley, $49,112.15
(B) Southern California Roads Co. Los Angeles, $51,087.36.
(C) Ransome Co., Emeryville, $51,600.88.
(D) Union Paving Co., San Francisco, $52,628.74.
(E) Independent Const. Co., Oakland, $54,101.59.
(F) Heafey-Moore Co., Oakland, $54,158.36.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ .07	$ .055	$ .063	$ .07	$ .09	$ .09
(2)	.45	.50	.50	.42	.50	.50
(3)	.60	.50	.75	.85	.50	.75
(4)	.20	.235	.22	.225	.215	.21
(5)	4.50	4.45	4.40	4.40	5.25	4.80
(6)	.22	.22	.25	.25	.25	.25
(7)	.12	.16	.145	.15	.15	.14
(8)	94.00	90.00	100.00	90.00	90.00	70.00
(9)	120.00	150.00	100.00	120.00	100.00	110.00
(10)	86.00	110.00	65.00	80.00	75.00	70.00
(11)	3.00	2.10	2.25	2.25	2.00	2.50
(12)	2.00	1.00	1.50	2.50	2.00	1.00
(13)	1.50	1.50	2.15	2.25	2.00	2.50
(14)	2.35	1.70	2.30	2.50	2.25	2.75
(15)	5.00	5.00	4.10	5.00	4.50	6.00
(16)	25.00	10.00	6.00	15.00	20.00	8.00
(17)	35.00	20.00	70.00	50.00	35.00	37.00

The PWA has allotted a grant of 45% of the total cost which was estimated at $55,000. Walter Frickstad, ACity Engineer.

OAKLAND—GROVE ST. IMPROVEMENT—CITY

OAKLAND, Calif. — Lee J. Immel 1031 Evelyn St., Berkeley, at $31,440.94 submitted low bid to the Oakland City Council, December 5, for the improvement of Grove Street bet. First and San Pablo.

The work involves:
(1) 66,537 sq.ft. grading;
(2) 4,820 l.f. concrete curb;
(3) 3,223 l.f. existing curb to be reset;
(4) 50,528 sq.ft. concrete pavement;
(5) 1,617 tons asphalt concrete mixture;
(6) 2,525 sq.ft. concrete driveways;
(7) 7,645 sq.ft cement sidewalk;
(8) 17 storm water inlets, Type B;
(9) 4 catch basins, Type B;
(10) 3 manholes;
(11) 272 l.f. 10 in. vitrified pipe sewer;
(12) 173 l.f. 12-in. vitrified pipe sewer;
(13) 17 existing catch basins to be reconstructed.

Total bids follow:
(A) Lee J. Immel, Berkeley, $31,440.94
(B) W. H. Larson, Berkeley, $31,957.19
(C) Southern California Roads Co., Los Angeles, $32,746.67.
(D) Albany Cement Contractors, Inc., Berkeley, $32,845.78.
(E) Ransome Co., Emeryville, $33,267.04.
(F) Union Paving Co., San Francisco, $33,804.59.
(G) Independent Const. Co., Oakland, $33,989.84.
(H) Heafey-Moore Co., Oakland, $34-664.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ .07	$ .07	$ .058	$ .07	$ .067	$ .07	$ .08	$ .091
(2)	.45	.53	.50	.45	.46	.43	.50	.60
(3)	.60	.70	.50	.75	.76	.80	.50	.75
(4)	.20	.20	.24	.23	.22	.225	.21	.21
(5)	4.50	4.25	4.50	4.50	4.35	4.40	6.26	4.80
(6)	.22	.18	.22	.24	.25	.25	.25	.25
(7)	.12	.11	.16	.13	.15	.15	.15	.14
(8)	94.00	85.00	90.00	80.00	100.00	90.00	90.00	70.00
(9)	120.00	115.00	150.00	80.00	100.00	120.00	100.00	110.00
(10)	86.00	80.00	110.00	80.00	60.00	80.00	75.00	70.00
(11)	1.50	2.60	1.50	1.65	1.45	2.25	2.00	2.50
(12)	2.35	2.80	2.00	1.95	1.70	2.50	2.26	2.75
(13)	35.00	47.00	22.00	18.00	70.00	50.00	35.00	37.00

The PWA has allotted a grant of 45% of the total cost which was estimated at $32,500. Walter Frickstad, City Engineer.

CONTRACT AWARDED

OAKLAND, Alameda Co., [illegible] Union Paving Co., 624 Call [illegible] Francisco, at $66,712.80 on Proposal B (asphalt concrete paving) awarded contract by the Oakland City Council for the repair of Foothill Blvd., 14th and 23rd Avenues.

BIDS WANTED

KERN COUNTY, Cal. Until Dec. 17, 2 P. M., bids will be received by the Division of Highways, S. W. Lowder, District Engineer, Bishop, for applying road-mix surface treatment on about five miles on Kern County between two miles southwest of Searles and Rademacher.

Plans and specifications obtainable from the above office.

BIDS WANTED

LAKE COUNTY, Cal.—Until Dec. 20, 2 P. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for the construction of two standard timber cattle passes in Lake County, between Upper Lake and Sweet Hollow Summit.

Plans and specifications obtainable from the above office.

BIDS OPENED

ORANGE COUNTY, Cal. — Square Oil Co., 916 Adobe St., Los Angeles, at $6681 submitted low bid to the State Highway Department, S. V. Cortelyou, District Engineer, 508 State Bldg., Los Angeles, December 9 for improving 1 mile of highway on Batavia St. in the City of Orange, bet. Walnut Ave. and La Veta Ave., Orange County, by grading and applying road mix surface treatment.

The work involves:

(1) 35 M gals water in place;
(2) 1700 cu. yds. roadway excavation without class;
(3) 57 stations finishing roadway;
(4) 25,500 sq. yds. preparing, mixing and shaping roadbed;
(5) 336 tons liquid asphalt, SC-2, in place (prime coat and mixing).

The bids were:

Square Oil Co.—(1) $2.00, (2) $1.00, (3) $15.00, (4) $.08, (5) $6.00; total $6681.

C. F. Rollins—(1) $2.00, (2) $2.00, (3) $10.00, (4) $.12, (5) $10.00; total, $10,460.

Paul R. Hughes—(1) $1.50, (2) $1.50, (3) 9.50, (4) $.125, (5) $14, total, $11,035.50.

A. S. Vinnell Co.—(1) $4.00, (2) $3.65, (3) $10.00, (4) $.07, (5) $8.00; total $11,388.

NOTICE TO BIDDERS

KINGS COUNTY, Cal.—A representative of the District Office will accompany prospective bidders over the proposed project in Kings County, between 2 miles south of Lemoore and one and-half miles east of Stratford, road VI-Kin-Lemoore Road, for which bids are to be received in Sacramento on Thursday, December 26.

Said representative will meet prospective bidders at East Town limits of Stratford, on Friday, December 20, at 10:00 a. m.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

30—RESERVOIRS & DAMS

EXTRA WORK AUTHORIZED

EUREKA, Humboldt Co., Cal.—City Council has authorized the drilling of an 11th rock core, and 60,000 c.y of excavation at $0.20 per c.y., at the site of the Mad River Dam.

Authorization is subject to PWA approval.

COMPLETE BID LISTING

[illegible] Fore—J. A. [illegible] New Ave., [illegible] previously reported [illegible] Bureau [illegible] Oregon, Nov. [illegible] under Spec. No. [illegible] of the [illegible] Project, located [illegible] about forty [illegible] below

[illegible] Boise	$273,989.00
Morris & [illegible]	29,567.00
Gibbons-Mel[illegible] Portland	13,924.75
Barnard-[illegible] Min[illegible]	328,245.97
P. L. Crosby & [illegible] Inc., Portland	329,871.50
Utah Const. Co., Ogden	332,170.50
Morrison-Knudsen Co., Inc., Boise	341,852.00
Malcolm & Bell, Portland	358,648.50
Megquier Bros., Eau, Minn.	392,011.50
Orino, Berkemeier & Saremal, Bonneville	546,242.50

Bids held under advisement.

BIDS WANTED

CARLSBAD PROJECT, N. M. Until Dec. 14, 2 P. M., bids will be received by the Bureau of Reclamation, Carlsbad, N. M., under Spec. No. 660, for the construction of the Alamogordo Dam, Carlsbad Project.

The work is located near Ft. Stanton, and the principal items of work involved are:

(1) 36,900 c.y. excav. in open cut, common;
(2) 134,000 c.y. do. rock;
(3) 1,400,000 c.y. excavation in borrow pits, common;
(4) 52,600 c.y. excavation in borrow pits, rock;
(5) 4,200 c.y. tunnel and shaft excavation;
(6) 227,000 c.y. stripping for dam embankment; and borrow pits;
(7) 1,340,000 c.y. earth fill in dam;
(8) 8,000 c.y. backfill about structures;
(9) 290,000 c.y. rock fill on downstream slope;
(10) 50,000 c.y. rock riprap on the upstream slope;
(11) 3,000 c.y. rock riprap about spillway;
(12) 2,860 c.y. concrete in tunnel, gate chamber and shaft
(13) 10,900 c.y. concrete in spillway & stilling basin;
(14) 3,580 c.y. concrete in other parts of dam
(15) 2,000 c.f. pressure grouting;
(16) Drilling 13,000 l.f. grout holes;
(17) Drilling 7,000 l.f. holes for anchor bars;
(18) Placing 1,500,000 lbs. reinf. bars
(19) Constructing [illegible] l.f. embankment [illegible] and spillway drains.
(20) Furnishing and installing 25,000 lbs. tunnel liner plates;
(21) Installing 726,000 lbs. of gates, valves and other metalwork.

Work shall be commenced within 20 calendar days and completed within 700 calendar days from date of receipt of notice to proceed.

Plans and specifications obtainable from the Bureau of Reclamation at Carlsbad, N. M., Denver, Colo., or Washington, D. C. Without charge to prospective bidders to others, $2.50 not returnable.

LOW BIDDER

RIVERTON PROJECT, Wyoming—S. J. Groves & Sons, 509 Wesley Temple Bldg., Minneapolis, Minn., at $653,397 submitted low bid to the Bureau of Reclamation, Riverton, Wyoming, under Spec. No. 658, for construction of the Bull Lake Dam, Riverton Project.

BID OPENING POSTPONED

CARLSBAD PROJECT, N. M. Until Dec. 21, 2 P. M., date postponed from Dec. 14, 2 P. M., previously reported, bids will be received by the Bureau of Reclamation, Carlsbad, N.M., under Spec. No. 660, for the construction of the Alamogordo Dam, Carlsbad Project.

31—PIPE LINES & WELLS

BIDS WANTED

RIVERSIDE & San Bernardino Cos., Cal.—Until Jan. 7, 10 A. M., bids will be received by the Metropolitan Water Dist., 306 W. Third St., Los Angeles, for constructing precast concrete pipe and steel pipe lines, a 3-span through truss bridge and appurtenant works of the Colorado River aqueduct distribution system, between Sta. 21 plus 50 and 926 plus 00 of the Upper Feeder, Spec. No. 137. The work is located in the counties of Riverside and San Bernardino and comprises approximately 16.47 miles of pipe line construction between Cajalco Reservoir and a point on the line of the Upper Feeder, about 10 miles west of San Bernardino. The work to be bid upon has been divided into schedules as follows:

Schedule 1-P, 2.33 miles in length.
Schedule 2-S or 2-K; 10.33 miles in length; pipe sizes, steel, 9 ft. 8-in. to 12 ft. 0-in.;
Sched. 2-B; Santa Ana river bridge.
Schedule 3-P or 3-S; 3.81 miles in length; pipe sizes, pre-cast 11 ft. 8 in., steel, 12 ft. 0 in.

Schedules 2-S and 2-K are alternative, as are Schedules 3-P and 3-S. In the event award is made for precast pipe under Schedule 3-P, the steel pipe sizes of Schedule 2-S must be used; for steel pipe under Schedule 3-S, the steel pipe sizes of Schedule 2-K are required; bids will be compared on the basis of securing the lowest total cost to the district on these two possible combinations of said schedule, v.z., 2-S and 3-P or 2-K and 3-S. No other combination of these two schedules will be considered. A proposal under either Schedules 2-S or 2-K will not be considered unless the bidder also submits a proposal under Schedule 2-B; and an award, if made under such a proposal, will be for not less than Sched. 2-B and one of the alternative Sched. 2-S or 2-K.

Certified check for 10% must accompany each bid. Specific tions will not be ready for contractors until December 4.

CONTEMPLATED

WASCO, Kern Co., Cal.—Construction of 9½ miles of gas line from the Semitropic gas field to Los Angeles main trunk line and 25 miles of line from the Kettleman hills to Fresno and Visalia, has been announced by the South-ern California Gas Co., W. C. Cameron, division manager at Taft. The Semitropic line will be constructed of 12- and 14-in. pipe; the other line will consist of 16- 6- and 8-in. pipe.

32—SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Cal.—W. J. Tobin, 3701 Balfour Avenue, Oakland, at $42,447.11 awarded contract by the Stockton City Council for the construction of a trunk line sewer.

Lyle Payton, City Engineer.

ENGINEER APPOINTED

DECOTO, Alameda Co., Cal.—John A. Mancini, 774 Pinedale Court, Hayward, has been named engineer to direct construction of a new sanitary sewer system and sewage treatment plant in Decoto.

The city will vote bonds to finance the work.

BIDS OPENED

MEDFORD, Oregon Medford Concrete Constr. Co., Medford, at $34,-683 submitted low bid to the Talent City Council, December 2, for construction of a sewage treatment plant and sewers.

The other bids were:
F. C. Dillard, Medford, $36,982.
Ek & Lind, Portland, $39,306.
Bids held under advisement

NEW BIDS ASKED

BURNS, Oregon — Until December 17, 12:30 P. M., new bids will be received by George Hughes, City Recorder, Burns, for constructing an addition to the existing sewage disposal plant and remodeling of the present plant, so that the finished work will operate as an activated sludge sewage disposal plant.

Bids were previously received Dec. 3, and rejected.

Plans and specifications obtainable from the above office upon deposit of $10.

CONTRACT AWARDED

LARKSPUR, Marin Co., Cal.—F. J. Main, Fairfax, at $1,770.79 submitted low bid and awarded contract by the Larkspur City Council, Mary L. Courtright, City Clerk, for the construction of a storm sewer on Magnolia Avenue between Crane and Ward Streets.

Complete bids follow:

F. J. Main, Fairfax	$1,770.79
V. Magiorra, Sausalito	1,845.20
John Carcano, San Rafael	1,941.05
Bottini Bros., San Rafael	2,029.47
Brown and Lambretti, Mill Valley	2,141.54

J. C. Oglesby, 530 B St., San Rafael, City Engineer.

CONTRACT AWARDED

PALM SPRINGS, Riverside County, Cal.—Gogo & Rados, 10,024 S. Figueroa St., Los Angeles, at $51,433.36 submitted low bid and awarded the contract (subject to PWA approval) by Palm Springs Sanitary District, for constructing a sanitary sewer system and a sewage disposal plant in accordance with plans prepared by engineers Davidson and Fulmor, Riverside, and Alva J. Smith, Pasadena, consultant.

Complete total bids follow:

Gogo & Rados, L. A.	$51,433.36
V.C.K. Const. Co., L. A.	52,941.58
A. & B. Const. Co., Hynes	53,482.70
Sutalo & Ramljak, L. A.	54,921.92
Mike Radich, L. A.	60,510.63
J. C. Hickey, Alhambra	60,788.25
John Grancich, L. A.	53,730.92

Bids on this contract were previously opened October 21 and rejected as excessive.

ARCHITECT APPOINTED

SAN FRANCISCO — Lewis P. Hobart, 525 Market St., has been appointed consulting architect to prepare preliminary plans and specifications for the Richmond-Sunset sewage treatment plant.

BIDS OPENED

SAN FRANCISCO. — Healy-Tibbitts Const. Co., 64 Pine St., at $334,259.50 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,900 for construction of the Alemany Sewer Extension, Section D-1. It will be located in Industrial Street from Elmira to Selby St., and in Selby St. from Industrial to Hudson Street.

The work involves:
(1) 3152 l.f. 2-compartment 8½x11-ft. reinforced concrete sewer;
(2) 23 each manholes;
(3) 182 l.f. 10-inch V.C.P. underdrain, covered with concrete or imbedded in broken rock as directed;
(4) 6304 l.f. 12-in. do;
(5) 145,000 l.f. piles, below Cutoff.
(6) 182 l.f. 3x1½-ft. reinforced concrete sewer.
(7) 50 l.f. 10-in. V.C.P. culvert connections.

Total bids follow:
(A) Healy-Tibbitts Const. Co., $334,-259.50.
(B) MacDonald & Kahn Co. Ltd. $343-803.20.
(C) Eaton & Smith, $363,209.50.
(D) Pacific Bridge Co., $389,706.00.
(E) Union Paving Co., $408,767.00.

All bidders of San Francisco.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$83.00	$80.60	$80.65	$92.00	$103.50
(2).	40.00	70.00	60.00	40.00	60.00
(3).	1.25	1.00	1.10	1.00	2.00
(4).	1.50	1.25	1.50	1.25	2.30
(5)	.40	.50	.63	.60	.40
(6)	20.00	40.00	36.00	20.00	38.00
(7)	8.00	6.00	1.25	2.00	2.30

Plans Awaiting PWA Approval

HUNTINGTON BEACH, Orange County, Calif.—A sewage disposal plant costing $86,500 will be advertised for bids within the near future. Draft of the official call for bids is before the PWA officials for approval, as the administration has allotted a straight grant of $36,891. Plans for the project have been completed by Currie Engineering Co., 219 Andreson Block, San Bernardino.

Plans Awaiting PWA Approval

BARSTOW, San Bernardino County, Calif.—Currie Engineering Co., 219 Andreson Block, San Bernardino, has completed plans for a sanitary sewer system and a sewage disposal plant for the Barstow Sanitary District. The district has voted bonds in the sum of $48,000, to refinance a loan by the PWA which has also made an outright grant of $39,272. The collection system will cost about $57,000. Draft of the official call for bids is before the PWA for approval.

Plans Awaiting PWA Approval

EL MONTE, Los Angeles County, Calif.—Currie Engineering Co., 219 Andreson Block, San Bernardino, has completed plans for the City of El Monte sewage disposal plant estimated to cost $68,000. The city has been given a PWA loan and outright grant of $30,000 (the latter included in the $68,000). Draft of the official call for bids is before the PWA for approval.

33— WATER WORKS

PURCHASE CONTEMPLATED

SAN JOSE, Santa Clara Co., Cal.—City Manager C. B. Goodwin has tendered the San Jose Water Works Co. an informal offer of $4,500,000 for the purchase of all of the company's holdings and property. The offer is conditioned upon the authorization of a bond issue.

Seymour Kittredge is president of the water company.

LOW BIDDERS

TACOMA, Wash.—Arcorace & Colucciio, 1425 Hanford St., Seattle, at $92,671 (steel pipe); and American Concrete & Steel Pipe Co., 459 E. 15th St., Tacamo, at $107,715 (concrete pipe) submitted low bids to the Tacoma Board of Contracts & Awards, for improvements to the water system, consisting of replacement of 2021 ft. of 46-in. wood stave with 52-in. steel or reinforced concrete pipe and replacement of 4042 ft. of 54-in. wood stave pipe with 58-in. steel or reinforced concrete pipe, in the Green River Gravity Pipe Line.

W. A. Kunigk, City Water Superintendent.

COST ESTIMATED

WALNUT CREEK, Contra Costa Co., Cal. City Engineer George Oliver has completed maps and specifications for a new water system providing a 300,000-gallon storage tank and pipes and pump. He estimates cost of materials at $42,100.

Application will be made for Federal aid in financing.

Plans Completed.

SEAL BEACH, Orange Co., Calif.—Plans for the Seal Beach water improvements have been completed by Currie Engineering Co., 219 Andreson Block, San Bernardino, and the final draft of the official call for bids has been forwarded to the PWA office in Los Angeles for approval. The city has voted $30,000 in bonds to finance a PWA loan and the balance will be furnished as a PWA grant in the sum of $24,545.

Plans Awaiting PWA Approval

ARCADIA, Los Angeles Co., Calif.—Final draft of the official call for bids for the construction of about 12,000 ft. of steel pipe water mains, fittings, and valves, for improvements and additions to the water system, is before the PWA for official approval. The cost, estimated at $79,000, is being financed by PWA grant of $35,428, and the balance by the city. Currie Engineering Co., 219 Andreson Block, San Bernardino, prepared the plans.

BIDS OPENED

GALT, Sacramento Co., Calif.—Underground Construction Co., R.F.D. No. 1, Box 756, Berkeley, at $27,449, submitted low bid to Galt Water District, Frank D. Talbot, consulting engineer, Forum Bldg., Sacramento, for constructing a water distributing system in Galt.

Following bids were received:

Underground Construction Co., Berkeley	$27,449.00
P. L. Burr, San Francisco	28,093.62
A. Soda & Son, Inc., Oakland	29,179.00
Peter J. McHugh, San Francisco	30,903.06
Robt. B. McNair and H. Gould, San Francisco	31,653.30
M. R. Carpenter, Sacramento	36,398.53
Luppen and Hawley, Sacramento	37,741.00

Three low bids held and referred to PWA with recommendation for award to low bidder.

35— TUNNELS

PLANS COMPLETED

LOS ANGELES, Calif.—R. W. Stewart, Engineer of Bridges and Structures, City Hall, has completed plans for the widening of the Third St. tunnel from 32 ft. to 49.6 ft. The roadway will be widened from 21 ft. to 37 ft. and the height increased from 20 ft. to 28 ft. A ventilating plant will be installed. The proposed improvements will necessitate the removal of the Angel's Flight. The cost, to be financed by PWA funds, is estimated at $1,706,115. 35

December 6, 1935

CONSTRUCTION SUSPENDED

GILA PROJECT, Arizona.—Work on the Gila Project, Arizona, has been suspended and fifteen bids received Dec. 4 for constructing earthwork and tunnels, were returned unopened, according to an announcement by the Yuma office of the U. S. Bureau of Reclamation. Further announcement was withheld pending advice from Washington. 35

Form 4361½ P. T. &
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

Award Works Program
Highway Jobs

$200,000 S. F. Apartment Permit Issued

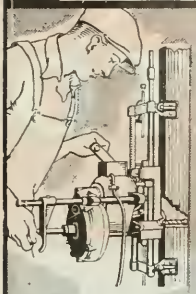
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ember 21, 1935

Vol. XVIII—No. 51

WAPPAT Electric TOOLS



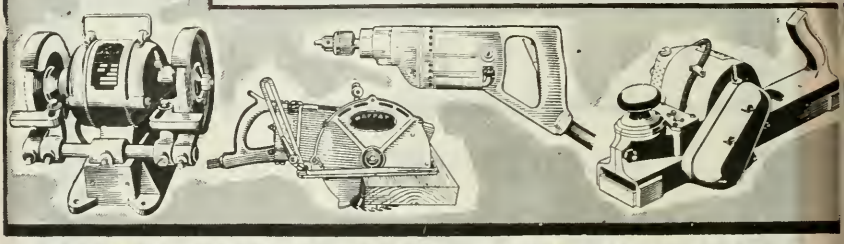
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

G.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

ol. XVIII SAN FRANCISCO, CALIF., DECEMBER 21, 1935 No. 51

ERMIT ISSUED FOR APARTMENT TO COST $200,000

Largest Project Undertaken In City Since 1929

Building permits for work to cost proximately $237,000 were issued onday by the Central Permit Bu-au of the San Francisco Depart-nt of Public Works, records of ad Clerk S. J. Rosenblum show. The permit responsible for the ge total was issued to Mrs. Lu-le Meyer for construction of an tory Class A apartment house be located at Broadway and Bu-nan Streets. Plans for the build-g, which according to Mr. Rosen-m, is the largest apartment lding project undertaken in San ncisco since 1929, were prepar-e by Architect H. C. Baumann, h Jas. M. Smith as engineer. e building will be erected by yer Construction Company at a t of about $200,000.

R. F. Galli received four permits $3,500 frame residences at 23rd enue and Lawton Street. Two mits for frame dwellings to cost 000 each were issued to the Mc-rthy Co. The homes will be ected on San Juan Avenue near many Blvd. by Aetna Const. Co. A permit for construction of a $1,000 frame duplex on Roosevelt y near 14th Street was issued Gabriel Moulin. Plans are by Ar-tect Chas. F. Strothoff, and Oli-r M. Rousseau, Inc., is contractor. alance of the day's permits were miscellaneous alterations and stallation of a number of electric ns.

RAMELESS STEEL HOUSES DESCRIBED

Prefabricated steel houses of meless construction, are describ-in an informative, well-illustrat-e folder recently issued by The ulated Steel Construction Co. of ddletown, Ohio.

Plans for eight typical designs sketched, but there are so many ssible variations that homes may practically custom-built. Details construction and advantages of tal houses are described.

GRADE SEPARATION CONTRACTS AWARDED

SACRAMENTO, December 19.—Three grade separation contracts in Northern California counties were among awards totaling $891,395 made today by the State Division of Highways. Contracts were let as follows: Paul J. Tyler, Oroville, and Lord and Bishop, Sacramento, Soledad underpass, $155,187; F. O. Bohnett, Campbell, Salinas underpass, $249,108; Biasotti-Willard & Biasotti, Stockton, and Rocca and Co., San Rafael, Stockton underpass, $267,421; George Herz and Co., San Bernardino, Verdemont underpass, $60,808; Basich Bros. Torrance, Needles overhead, $54,142; Mundo Engr. Co., Los Angeles, Northam underpass, $104,729.

Bids Jan. 7-8 On Three City PWA Main Jobs

Three contracts for laying cast iron mains in San Francisco were authorized for advertising yesterday by the Public Utilities Commission. Bids on two of the projects will be opened January 7 and on the other January 8. All are financed in part by PWA funds.

On January 8 the commission will open bids for laying twelve- and sixteen-inch feeder mains in the central part of the city. About 21,130 feet of twelve-inch cast iron pipe, 400 feet of sixteen-inch cast iron pipe and 6,600 feet of sixteen-inch wrought iron pipe will be installed under the contract.

Bids on two contracts will be opened the preceding day, January 7. One calls for laying six- and eight-inch mains in the area from Twentieth to Thirtieth Avenues and from Lincoln Way to Rivera Street. A total of 19,230 feet of six-inch and 3,960 feet of eight-inch pipe will be laid.

The second contract for which bids will be opened January 7 involves laying six- and eight-inch mains in the Balboa Park district, and calls for installation of 13,800 feet of six-inch pipe and 8,480 feet of eight-inch pipe.

BIDS OPENED ON SOUTHERN HIGHWAY JOBS

Clinton Low Bidder For Figueroa Overhead In Los Angeles

LOS ANGELES, Dec. 19—Clinton Construction Company today submitted the low bid of $578,420 for constructing the Figueroa Street overhead crossing, largest single project in California's grade separation program. The contract is one of five for which proposals were received here by the State Division of Highways. Second low bid was offered by Bent Bros., Inc., Los Angeles, at $620,547; third, by Mittry Bros. Construction Co., Los Angeles, $627,253.

Low bids on the five contracts in today's list of openings totaled $1,447,647, virtually completing the bid schedule for the works program highway and grade separation budget of the state.

Low bids were submitted on other contracts as follows:

L. E. Dixon Co., Los Angeles, for Mission Road underpass, $241,661; **Griffith Co.**, Los Angeles, for Valley Boulevard overhead, $116,864; **Guy F. Atkinson Co.**, San Francisco 2.2 miles grading in Los Angeles County, $355,762; **Oscar Oberg**, Los Angeles, Soto St. underpass, $154,942.

PUBLISH HANDBOOK FOR HOME OWNERS

The Home Owners' Hand Book, a new publication to be issued annually by Housing Publications, Inc., 25 West 43rd St., New York, is now on sale at newsstands and in book stores throughout the country. While designed primarily for the home owner, the handbook contains valuable data for home builders, contractors and architects, according to the publishers. Among features of the handbook are a listing of names and brief specifications of standard products, and a comprehensive resume of many modern improvements to be made to various parts of the home.

20 AWARDS IN WORKS PROGRAM TO LOW BIDDERS

Bay District Grade Separation Structures Included In Big List

SACRAMENTO, Dec. 18.—Award of twenty contracts to low bidders on Works Program highway and grade separation projects was authorized today by the State Division of Highways. Award of a pending regular program contract was made at the same time, bringing the day's letting to $1,920,654 estimated on the basis of the total of low bids.

The awards included contracts for reconstruction of two grade separation structures in San Francisco, three grade separation contracts and one for track relocation in Alameda Co., a crossing structure at Palo Alto and at Tracy

Following is a complete list of the contracts awarded:

F. C. Amorosso & Sons, San Francisco, for widening Williams Street overhead in San Francisco, $28,940.

M. B. McGowan, Inc., San Francisco, for widening Army St. underpass in San Francisco, $38,969.

Peninsula Paving Co., San Francisco, for constructing underpass at Jackson St., Hayward, $87,161;

Lindgren & Swinerton, Inc., Oakland, for constructing underpass at Broadway Terrace, Oakland, $103,386;

Heafey-Moore Co., Oakland, for removing existing railroad tracks on East Twelfth St., Oakland, $41,238;

Bodenhamer Const. Co., Oakland, for constructing underpass at Washington Avenue, San Leandro, $149,371;

Eaton & Smith, San Francisco, for constructing underpass at Embarcadero Road, Palo Alto, $132,205;

Lindgren & Swinerton, Inc., Oakland, for constructing an overhead crossing near Tracy, $223,255;

Lord & Bishop, Sacramento, for widening Sixteenth Street underpass, Sacramento, $32,026;

Pacific Bridge Co., San Francisco, for constructing bridge and grading and surfacing 3.1 miles in Stanislaus County, $162,973;

Union Paving Co., San Francisco, for 6.6 miles grading and surfacing in Tulare County, $147,771;

Biasotti - Willard and Biasotti, Stockton, and Rocca & Co., San Rafael, for constructing a bridge and grading 1.8 miles in Calaveras Co., $146,939;

Hemstreet and Bell, Marysville, for 1.5 miles grading and surfacing in Placer County, $28,131;

A. Teichert & Son, Inc., Sacramento, for 16.4 miles grading and widening existing pavement in Sacramento County, $131,557;

E. B. Bishop, Orland, for 2.9 miles grading and surfacing in Butte Co., $17,092;

Union Paving Co., San Francisco, for 3.4 miles grading and surfacing in Tuolumne County, $104,233;

Basich Bros., Torrance, for 2.6 miles grading in Inyo Co., $16,973;

Square Oil Co., Los Angeles, for one mile grading and surfacing in the city of Orange, $6,681;

Basich Brothers, Torrance, for 4.7 miles grading and surfacing in San Bernardino County, $130,917;

George J. Bock Co., Los Angeles, for 2.5 miles grading and applying surface treatment in San Bernardino County, $80,512;

Shofner & Gordon, Los Angeles, for constructing underpass at Firestone Blvd., Los Angeles, $106,024.

KEATING LOW ON LIBRARY BUILDING

SACRAMENTO, December 18.—Wm. C. Keating, Sacramento, tonight submitted the lowest of five bids received by the Sacramento Board of Education for erecting a brick library building, first unit of a $500,000 extension program planned with PWA funds for the Sacramento Junior College. Mr. Keating's bid was $124,920. Other bids received were as follows: John Azevedo, Sacramento, $125,000; Campbell Const. Co., Sacramento, $128,000; Lindgren & Swinerton, San Francisco, $130,400; K. E. Parker, San Francisco, $139,440.

The building was designed by Architect Harry Devine.

53 NEW RESIDENCES IN MODESTO AREA

Fifty-three residences are being erected in Modesto and the immediate vicinity, according to George Furrow, supervisor of the Modesto Better Housing campaign.

"Most of the new homes are being built outside the city limits so consequently do not show on the building permit totals issued by the city," Mr. Furrow said.

IMPROVED ENAMEL OFFERED BY O'BRIEN

O'Brien Varnish Company, makers of Thermolyzed Tung Oil Paints announce the development of a new interior finish known as Liquid Lite, for use in bakeries, dairies, ice cream plants and all industrial buildings where the presence of acid and fumes may cause the premature breakdown or discoloration of paint. The new paint is described as a quick drying gloss enamel.

CIVIL ENGINEER BOARD ISSUES NEW LICENSES

High Percentage of Candidates Qualified In October Examinations

The percentage of successful candidates taking the last examination for civil engineers is higher than ever before, according to Pecos H. Callahan, secretary of the State Board of Registration for Civil Engineers, who announced results of the tests yesterday. Forty-nine per cent of those taking the examination were passed.

Those taking the written examination in civil engineering design and construction was passed and have been granted certificates are: Lester M. Snyder, San Francisco; R. A. Sutherland, Oakland; Franklin Winch, Los Angeles; Jos. Sheffet, Pasadena; Rex J. Allan, Los Angeles; M. W. Gewertz, Los Angeles, and R. A. Wagner, Los Angeles.

Those taking the examination for authority to use the title "structural engineer" who passed, and have been issued a permit to use such title are: Frank Tiara, West Hollywood; Willy H. Rabe, Ventura; Howard Kegler, San Francisco; G. Q. Thacker, Berkeley; Charles H. Fork, Los Angeles, and Walter H. Pinkham, Los Angeles.

John C. Reaves, Taft, was the only candidate passing the land surveyor's examination.

Two candidates took the examination in fundamentals of civil engineering, both receiving a passing grade. Sucessfully passing this examination entitles the applicant to take the examination in civil engineering design and construction. They are: George B. Cooper, San Francisco and Oscar B. Harris, Los Angeles.

The next written examinations will be given in April, 1936. Candidates expecting to take the same must have filed their applications not later than March 15, 1936.

U. S. FORGED AXE STANDARD PUBLISHED

The Division of Simplified Practice of the National Bureau of Standards has announced that Simplified Practice Recommendation R 158-35, Forged Axes, is now available in printed form. Copies of this recommendation may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each.

This recommendation, which was proposed by the Axe Division of the General Tool and Implement Association, lists patterns, range of weights, and grades for single-bit, double-bit and miscellaneous types of axes.

The recommendation is effective from July 1, 1935, subject to regular review by the Committee.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
9	Meyer	Owner	3800
0	Meyer	Owner	4000
1	Meyer	Owner	3800
2	Meyer	Owner	3800
3	Stoneson	Owner	3000
4	Stoneson	Owner	3000
5	Arco	Owner	4000
6	Spreckels	Owner	3000
7	Wong	Yick	1000
8	Lindsay	Owner	3000
9	Meyer	Owner	3800
0	Goldberg	DuPuy	11000
1	Moulin	Rousseau	10653
2	Lindsay	Owner	3000
3	Lindsay	Owner	3000
4	Marsill	Erickson	6800
5	Hawkins	Owner	1500
6	Tai	Yick	1000
7	Franceschi	Owner	8000
8	Stelling	Applebe	3700
9	Johnson	Owner	3000
9	Walter	Owner	4000
0	Walter	Owner	4000
1	Lacey	Owner	1000
2	Johnsen	Johnsen	3800
3	Fox	DuPuy	9000

WELLING
(59) NW JUANITA 55 SW Fowler St. One-story and basement frame dwelling.
ner — Meyer Bros., 735 Portola Drive, San Francisco.
hitect—Not Given. $3800

WELLING
(60) W EIGHTEENTH AVE. 250 S Ulloa St. One-story and basement frame dwelling.
ner — Meyer Bros., 735 Portola Drive, San Francisco.
hitect—Not Given. $4000

WELLING
(61) NW JUANITA ST. 105 SW Fowler St. One-story and basement frame dwelling.
ner — Meyer Bros., 735 Portola Drive, San Francisco.
hitect—Not Given. $3800

WELLING
(62) NW JUANITA ST. 80 SW Fowler St. One-story and basement frame dwelling.
ner — Meyer Bros., 735 Portola Drive, San Francisco.
hitect—Not Given. $3800

WELLING
(63) N SHAWNEE ST. 130 W Cayuga St. One-story and basement frame dwelling.
ner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
hitect—Not Given. $3000

WELLING
(64) N SHAWNEE ST. 105 W Cayuga St. One-story and basement frame dwelling.
ner — Stoneson Bros., 1630 Ocean Ave., San Francisco.
hitect—Not Given. $3000

WELLING
(65) S VICENTE ST. 32 W 22nd Ave. One-story and basement frame dwelling.
ner—Arco Bldg. Co., 4708 Mission St., San Francisco.
hitect—Not Given. $4000

ERATIONS
(66) NO. 2080 WASHINGTON ST. Alter dwelling.
ner—Alma Spreckels, Premises.
hitect—Not Given $3000

ALTERATIONS
(1367) NO. 699 JACKSON ST. Alter restaurant.
Owner—Wong Loy Guey, Premises.
Architect—F. W. Dakin, 625 Market
Contractor—Frank Yick, % Architect $1000

DWELLING
(1368) W TWENTY-SIXTH AVE. 100 N Moraga St. One-story and basement frame dwelling.
Owner — C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given. $3000

DWELLING
(1369) W EIGHTEENTH AVE. 225 S Ulloa St. One-story and basement frame dwelling.
Owner — Meyer Bros., 735 Portola Drive, San Francisco
Architect—Not Given $3800

ALTERATIONS
(1370) NO. 1044 MARKET STREET. Alter theatre.
Owner — A. Goldberg, Golden Gate Bldg., San Francisco.
Architect — F. F. Amandes, % Contractor.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco. $11,000

FLATS
(1371) N ROOSEVELT WAY 115 S 14th St. Two-story and basement frame flats.
Owner—Gabriel Moulin, % Contractor
Architect — Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $10,653

DWELLING
(1372) W 26th AVENUE 150 North Moraga. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—Not Given. $3000

DWELLING
(1373) W 26th AVENUE 125 North Moraga. One-story and basement frame dwelling.
Owner—C. T. Lindsay, 140 Duboce.
Architect—Not Given. $3000

DWELLING
(1374) NW EIGHTEENTH AVE. & Ortega St. One-story and basement frame dwelling and store.
Owner—E. Marsili, % Contractor.
Architect — S. A. Colton, 544 Market St., San Francisco.
Contractor — Henry Erickson, 972 Chenery St., S. F. $6800

ALTERATIONS
(1375) W AVON WAY 110 N Sloat Blvd. Alter dwelling.
Owner—Mabel M. Hawkins, 485 Dewey Blvd., San Francisco.
Architect—Not Given. $1500

ALTERATIONS
(1376) NO. 735 WASHINGTON ST. Alter store.
Owner—Sue Tai, Premises.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—Frank Yick, 670 Washington St., S. F. $1000

FLATS
(1377) E FILLMORE ST. 100 S North Point St. Two-story and basement frame flats.
Owner—Franceschi Constr. Engr. Co., 3750 Webster St., San Francisco.
Architect—Not Given. $8000

DWELLING
(1378) SW TWENTY-FIFTH AVE and Lawton St. One-story and basement frame dwelling.
Owner — Martin Stelling Jr.,% Contractor.
Architect—Earle B. Bertz, 681 Market St., San Francisco.
Contractor — Frank J. Appelbe, 1065 Walker St., Oakland. $3700

DWELLING
(1379) E EIGHTEENTH AVE. 225 N Wawona St One-story and basement frame dwelling.
Owner—S. F. Johnson, 2601 17th Ave San Francisco.
Architect—Not Given. $3000

DWELLING
(1379) W FERNWOOD 140 N Brentwood. Two-story frame dwelling.
Owner—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect—Martin J. Rist, % Owner. $1000

DWELLING
(1380) W FERNWOOD 220 N Brentwood. Two-story frame dwelling.
Owner—Paul A. Wolter Jr., 201 Yerba Buena Ave., San Francisco.
Architect—Martin J. Rist, % Owner. $4000

ALTERATIONS
(1381) NO. 441 FOLSOM ST. Alter industrial building.
Owner—J. C. Lacey, 165 Beale St., San Francisco.
Architect—Not Given. $1000

DWELLING
(1382) W STOCKTON STREET 74 N Chestnut St. One-story and basement frame dwelling.
Owner—P. Johnsen, 1750 Bay St., San Francisco.
Architect—Not Given.
Contractor—Peder P. Johnsen, 1750 Bay St., San Francisco. $3800

DWELLING
(1383) N CASA WAY 122 SE Marina Blvd. Two-story and basement frame dwelling.
Owner—W. C. Fox, % Contractor.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—Fred K. DuPuy, 110 Sutter St., San Francisco..... $9000

ALAMEOA COUNTY

No.	Owner	Contractor	Amt.
1039	Hiatt	Windsor	8000
1040	Waldman	Owner	4500
1041	Schaefer	Owner	2400
1042	Hourtane	Allan	3500
1043	Bonds	Owner	6000
1044	Weiss	King	2490
1045	Dowling	Owner	4000
1046	Henderson	Henderson	2000
1047	Wolff	Owner	3500
1048	Pacific	Dinwiddie	4000
1049	Dwyer	Nordstrom	1000
1050	Brasch	Owner	3500
1051	Sunderman	Owner	1250
1052	Jessen	Johnson	4750
1053	City	Port	8593
1054	City	Port	7567

DWELLING
(1039) 1529-1531 LEIMERT BLVD., **OAKLAND.** Two family dwelling
Owner—C. E. Hiatt, 286 Lennox Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland.. $5800

DWELLING
(1040) NO. 6124 LAIRD AVENUE, **OAKLAND.** One-story six-room dwelling and garage.
Owner—A. E. Waldman, 3192 McKillop Road, Oakland
Architect—Not Given. $4500

ALTERATIONS
(1041) NO. 480 THIRTY-EIGHTH ST **OAKLAND.** Alterations.
Owner—Mrs. T. Schaefer, 2301 Woolsey St., Berkeley.
Architect—Not Given. $2400

DWELLING
(1042) NO. 5700 CLOVER DRIVE, **OAKLAND.** One-story six-room dwelling.
Owner—J. E. Hourtane, 5851 Chabot Court, Oakland.
Architect—Not Given.
Contractor—James Allan, 6718 Flora St., Oakland. $3500

DWELLING
(1043) NO. 454 VASSAR STREET, **BERKELEY.** Two-story 6-room frame dwelling and garage.
Owner—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given. $6000

ADDITIONS
(1044) NO. 1102 KEITH STREET, BERKELEY. Additions and alterations.
Owner—A. J. Weiss, Premises
Architect—Not Given.
Contractor—Geo. King, 2520 College Ave., Berkeley. $2490

DWELLING
(1045) NO. 3246 FERNSIDE BLVD., **ALAMEDA.** One-story five-room stucco dwelling.
Owner—S. J. Dowling, 2800 Clay St., Alameda.
Architect—Not Given. $4000

ADDITION
(1046) NO. 261 STONEWALL ROAD, **OAKLAND.** Addition
Owner—T. P. Henderson, Premises.
Architect—Henry Gutterson, 2922 Garber St., Berkeley.
Contractor—Carl Walstrom, 1447 Excelsior Ave., Oakland. $2000

DWELLING
(1047) NO. 3259 FIFTY-FIFTH AVE., **OAKLAND.** One-story five-room dwelling.
Owner—P. A. Wolff, 4514 E-14th St., Oakland.
Architect—Not Given. $3500

ALTERATIONS
(1048) NO. 2116 BANCROFT WAY, **BERKELEY.** Alterations
Owner—Pacific Tel. & Tel. Co., San Francisco.
Architect—Not Given .
Contractor — Dinwiddie Construction Co., Crocker Bldg., S. F. $4000

ALTERATIONS
(1049) NO. 4058-4062-4064 PIEDMONT Ave., **OAKLAND.** Alterations.
Owner—Dwyer Estate, 4058 Piedmone Ave., Oakland.
Architect—Not Given.
Contractor — David Nordstrom, 4150 Emerald St., Oakland. $1000

DWELLING
(1050 NO. 30 OYAL ROAD, **OAKLAND.** One-story 4-room dwlg.
Owner—M. P. Brasch, 1600 Mountain Blvd., Oakland.
Architect—No Given. $3500

ALTERATIONS
(1051) NO. 2517 TENTH STREET, **BERKELEY.** Alterations.
Owner—Suenderman Co., 921 University Ave., Berkeley.
Architect—Not Given. $1250

DWELLING
(1052) NO. 3542 MOUNTAIN BLVD., **OAKLAND.** One-story six-room dwelling.
Owner M. Jessen, 4719 Walnut Ave., Oakland.
Architect Not Given.
Contractor—O. W. Johnson, 4237 Atlas Ave., Oakland. $4750

ADDITIONS
(1053) AKLAND MUNICIPAL AIRport, **OAKLAND.** Additions to Hangar
Owner—City of Oakland.
Architect—Not Given.
Contractor—Port of Oakland, Grove St. Pier. $8593

ADDITIONS
(1054) MUNICIPAL AIRPORT, **OAKLAND.** Addition to hangar.
Owner—City of Oakland.
Architect—Not Given.
Contractor—Port of Oakland, Grove Street Pier. $7567

BUILDING CONTRACTS
ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
92	Pacific	Dinwiddie	4640

ALTERATIONS
(92) NO. 2116 BANCROFT WAY, Berkeley. All work for alterations
Owner—Pacific Tel. & Tel. Co. 140 Montgomery St., San Francisco.
Architect—Not Given.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Filed Dec. 12, '35. Dated Dec. 6, '35.
When completed 75%
40 days later 25%
TOTAL COST, $4640
Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
159	Moulin	Rousseau	10,653
160	Lyon	Messenger	5000
161	Stelling	Applebe	3700
162	McCarthy	Aetna	3500
163	McCarthy	Aetna	3500

RESIDENCE
(159) N ROOSEVELT WAY 115 S Fourteenth St. All work for two-story and basement frame duplex residence.
Owner—Gabriel and Lenore C. Moulin 75 Roosevelt Way.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Filed Dec. 13, '35. Dated ——.
Frame completed and wall and roof sheathing on.....$2663.25
Brown coat plaster on..... 2663.25
Completed and accepted..... 2663.25
Usual 35 days..... 2663.25
TOTAL COST, $10,653.00
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed

DWELLING
(160) NW TENTH AVENUE AND Pacheco St. All work for one-story and basement frame dwelling.
Owner—Lyon Realty Co., Premises.
Architect — C. O. Clausen, 746 46th Ave., San Francisco.
Contractor—J. Messenger, 7507 Lincoln Way, San Francisco.
Filed Dec. 16, '35. Dated Nov. 1, '35.
Residence framing completed...$1250
Brown coat plaster on..... 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, $2500. Surety, Maryland Casualty Co. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

BUILDING
(161) SW TWENTY-FIFTH AVE. & Lawton St. All work for building
Owner—Martin Stelling Jr., % Contractor.
Architect—Earle B. Bertz, 651 Market St., San Francisco.
Contractor — Frank G. Appelbe, 10 Walker St., San Francisco.
Filed Dec. 17, '35. Dated Dec. 16, '35
On 5th of each month..... 75%
Completed and accepted, total to bring total to..... 75%
Usual 35 days..... Balance
TOTAL COST, $370
Bond, $1800. Surety, Maryland Casualty Co. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

DWELLING
(162) N SAN JUAN 25 W Alemany
All work for five-room and breakfast room dwelling with stucco front and garage below.
Owner—The McCarthy Co., 222 Kearny St., San Francisco.
Architect—Not Given.
Contractor — Aetna Constr. Co., 23 Arleta St., San Francisco.
Filed Dec. 17, '35. Dated Dec. 14, '35
Frame up 25%
Brown coat plaster on..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $350
Bond, none. Limit, 90 working days. Forfeit, $1 per day. Plans and specifications filed.

DWELLING
(163) N SAN JUAN 50 W Alemany
All work for five-room and breakfast room dwelling with stucco front and garage below.
Owner—The McCarthy Co., 222 Kearny St., San Francisco
Architect—Not Given.
Contractor — Aetna Constr. Co., 23 Arleta St., San Francisco.
Filed Dec. 17, '35. Dated Dec. 14, '35
Frame up 25%
Brown coat plaster on..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $350
Bond, none. Limit, 90 working days. Forfeit, $1 per day. Plans and specifications filed.

SAN FRANCISCO UNDER $1000

REPAIR fire damage to dwelling, $50 254 Brighton St.; owner, Lil Horton, Premises; contractor, F J. Early Jr., 369 Pine St.

FLUES, $100; E Dartmouth St. 75 Felton; owner, G. Carraro & Son 750 Felton St.; contractor, Joh J. Delucchi, 1526 Powell St.

SIGN, electric, $150; 280 Sickles St. owner, Ocean View Inn, Premises contractor, Wonderlite Elec. Sig Co., 170 Otis St.

ALTER dwelling, $200; 964 Oak St. owner, E. Harrington, 12 Ord St. contractor, P. Andersen, 468 Army St.

REPAIR fire damage to dwelling, $50 1241 Dolores St.; owner, T. I Eastman, Premises; contractor Fred J. Early Jr., 369 Pine St.

ALTER clubroom, $75; 143 Waverly St.; owner, Wong Kwong Hah As sociation, Premises; contractor Shang Git Go, 145 Waverly St.

CLUBHOUSE, one-story frame, $150 E Shotwell St. 50 S 17th St.; owner, Owls Club, Shotwell and 17th Streets

BILLBOARD, $7; SE Bush and Presidio Ave.; owner, Foster & Kleiser Co., 1675 Eddy St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies & Contracts

4— FACTORIES & WAREHOUSES

December 13, 1935

Planned.
WINERY Cost, $——
WOODBRIDGE, San Joaquin Co., Cal.
Ten-acre site.
New cooperative winery.
Owner—Del Rio Winery.
Architect—Not Given.
Following are interested in the new project: Carroll Skinner, John Graffigna, Walter E. Garrison and George Chapdelain. 4

December 13, 1935

Sub-Contracts Awarded.
TERMINAL Cont. Price, $43,980
STOCKTON, San Joaquin Co., Calif.
Deep Draft Terminal.
Unit E of cotton compress (concrete floors, brick walls, galvanized iron and wood siding, tar and gravel roof, etc.)
Owner—City of Stockton Port Commission (B. C. Allin, Secretary).
Plans by Engineering Dept. of Owner.
Contractor—O. H. Chain, 41 S. Sutter St., Stockton.
Roofing—Stockton Roofing Co., 736 N. Hunter Street.
Electric—C. J. Franke Co., 748 East Weber Avenue.
Sheet Metal—Miller-Hayes Co., 742 E. Weber Avenue.
Brick—Dick Williams, Hotel Bronx.
Hardware—Austin Brothers.
Concrete—A. Sandberg.
Reinforcing Steel—Kyle & Co., Fresno
Sprinklers—Grinnell Co., 601 Brannan St., San Francisco.
All of Stockton unless otherwise noted.
(7148) 1st report June 12; 9th, Dec. 9, 1935. * 4

Bids Wanted—To Close December 30, 4 P. M.
WAREHOUSES Cost, $200,000
STOCKTON, San Joaquin Co., Calif.
Deep Draft Terminal.
Six 1-story brick warehouses (known as Warehouses C, D, E, F, L, and M) extensions to water system, drainage, dry pipe fire protection system, and road system).
Owner—City of Stockton Port Commission.
Plans by Engineering Dept. of Owner.
Plans and specifications may be obtained from the above office upon deposit of $20.00. *

December 16, 1935

Plans Being Prepared.
REFINERY Cost, $2,000,000
YOLO COUNTY, Calif.
Beet sugar refinery (group of four brick buildings) capacity of 1800 tons.
Owner—Spreckels Sugar Co. (C. J. Moroney, Mgr.), 2 Pine St., San Francisco.
Plans by Engineering Dept. of Owner
Construction will go forward about June 1, 1936.

Contract Awarded
DAIRY Cost, $8,500
SAN RAFAEL, Marin Co., Cal. Mary Street near Fourth Street.
One - story reinforced concrete dairy and bottling plant (50x100 feet).
Owner—Roberts Dairy, San Rafael.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Contractor—Hannah and Wooldridge, 268 Market St., San Francisco.

Planned.
PACKING PLANT Cost, $25,000
WINTERS, Yolo Co., Calif.
Fruit packing plant (1st unit) to replace plant recently destroyed by fire
Owner—Winters Dried Fruit Co., (R. L. Niemann, Sec. and Gen. Mgr.), Winters
Architect—Not Given.

Planned.
WINERY Cost, $——
LODI, San Joaquin Co., Calif.
New winery (3,000,000 gallon tankage)
Owner—Joseph Do Gorgio (President, Earl Fruit Co.), Lodi.
Architect—Not Given.
Financing arrangements are under way.

To Be Done By Day's Work.
ALTERATIONS Cost, $1,500
SAN FRANCISCO, 441 Folsom Street.
Alterations to industrial building.
Owner and Builder—J. C. Lacey, 165 Beale Street.
Architect—Not Given.

6—GARAGES & SERVICE STATIONS

Sub-Bids Wanted
GARAGE Cost, $——
OAKLAND, Alameda Co., Calif.
One - story reinforced concrete and brick commercial garage (180x50 ft.) structural steel front, composition roof, cement floors, steel sash, etc.
Owner—Withheld.
Architect—Not Given.
Contractor — Acme Construction Co., 9528 Foothill Blvd., Oakland (Trin. 3371).

7— FEDERAL BUILDINGS

Bids Wanted—To Close Jan. 21, 1 P.M.
POST OFFICE Cost, $445,000
SANTA BARBARA, Cal. Canon Perdido and Anacapa Streets.
Two - story and basement post office building (170x170-ft.) reinf. concrete and steel construction, shingle tile roof, tile floor, marble walls in lobby, metal skylights, vaults, steam heat, service elevator, pavement in courtyard, etc.
Owner—United States Government
Plans by Supervising Architect of the Treasury Dept., Washington, D.C.
Consulting Architect—R. D. Johnson, Architects' Bldg., Los Angeles.
Plans and specifications may be obtained from the above office.

CONTRACT AWARDED
SAN FRANCISCO.—Nick Hemminga 627 38th Ave., at $1,775 awarded contract by Treasury Department for new roofing over the old portion of the post office, 7th and Mission Sts.
Complete bids published Nov. 29

Bids Wanted—To Close December 30, 1 P. M.
INSPECTION STATION Cost, $16,000
NACO, Arizona.
Two - story and basement inspection station (67x48 feet) concrete foundations and basement, hollow tile walls, stucco exterior, composition roof, cement, wood and linoleum covered floors, promenade tile, macadam paving metal shower partitions, steam heat, etc.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D.C
Plans and specifications may be obtained from above office. No deposit required for one set.
On previous bid opening lowest bid was submitted by E. L. Martin, P. O. Box 654, Dallas, Texas, at $54,830.
Complete bids published Sept. 16

BIDS WANTED
SAN DIEGO, Calif.—Until December 26, 11 A. M., bids will be received by Public Works Officer, Eleventh Naval District, Foot of Broadway, San Diego, for repairs to Landing Pier, Navy Athletic Field at San Pedro. Specification No. 8131.
The work includes in general the making of repairs to the landing pier leading to the Navy Athletic Field (Trona Field), and consists in general of the following: (a) the removal of two existing damaged timber pile bents (four piles), and the furnishing and driving of four new creosoted timber piles to replace the damaged ones removed; (b) the furnishing and installing of new timber stringers and pile braces to replace the ones broken, and/or removed; (c) the furnishing and installing of new timber bent caps as required; and (d) the furnishing of materials for and the strengthening of hand rails.
Plans and specifications may be obtained from above office and from the Bureau of Yards and Docks, Washington, D. C., upon deposit of $10.00.

Bids Opened
BOAT HOUSE, ETC. Cost, $——
PT. ARGUELLO, near Albright, Santa Barbara Co., Calif.
Station dwelling and garage for coast guard station.
Owner—United States Government.
Plans by Construction Department of Coast Guard Headquarters, Washington, D. C.
Low Bidder—Everett Bldg. Co., Lompoc.
Complete bids follow:
Everett Bldg. Co., Lompoc . $42,643
Chas. L. Wigg Co., L. A. 49,500
Chas. Dorfmann, Los Angeles... 57,834
J. & B. Const. Co., L. A. . . 63,670
Bids held under advisement.

CONTRACT AWARDED
SACRAMENTO, Calif.—Sacramento Wire Works, 1811 10th Street, at $777 awarded contract by Treasury Department for furnishing and installing new wire mesh grilles at the post office, Sacramento.

CONTRACT AWARDED
WINNEMUCCA, Nevada. — Arthur M. Gelden, Chicago, Ill., at $943, awarded contract by Treasury Department for painting and repairs at the Post Office in Winnemucca.

Site Selected.
POST OFFICE Cost, $——
UKIAH, Mendocino Co., Cal. North Oak St. Standley and Pine St
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

BIDS WANTED
MONTEBELLO, Los Angeles Co., Cal.—Until January 3, bids will be received by the Treasury Department, Washington, D. C., for plaster models for the U. S. Post Office at Montebello.

BIDS WANTED
MARE ISLAND, Cal.—Until Jan. 2, 11 A. M., bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for two water treatment systems, a continuous blow-down system and chemical feeding system at the Navy Yard (Hospital) Mare Island. Est. cost, $7,500; Spec. No. 8092.

Plans and specifications may be obtained from above office and from the Commandant, Navy Yard, Mare Island, upon deposit of $10.00.

CONTRACT AWARDED
SAN FRANCISCO. — Herring Hall Marvin Safe Co., 214 California St., at $27,400 awarded contract by the Treasury Department for vault entrance in the U. S. Mint, San Francisco.

CONTRACT AWARDED
SAN DIEGO, Cal.—M. H. Golden, 404 California Bank Bldg., San Diego, at $259,660 awarded contract by Treasury Department for construction of a coast guard air station at North Island, San Diego.

BUILDING MATERIALS APPROVED
SOUTH PASADENA, Los Angeles Co., Calif. Treasury Dept. has approved the following building material and equipment awards for the construction of the U. S. Post Office at Pasadena. Sarver and Zoss, Los Angeles, general contractors:

Electric water coolers and drinking fountain, Halsey W. Taylor Co.; water heater, Day & Night Heater Co.; relief valve, Mueller Co.; combination gas and oil burner and regulator; Enterprise Oil Burner Co.; oil heater, Hot Stream Heater Co.; oil storage tank, Los Angeles Boiler Works; angle radiator valves, Jas. P. Marsh.

BUILDING MATERIALS APPROVED
SAN PEDRO, Los Angeles Co., Cal. —Treasury Department has approved the following building material and equipment awards for the construction of the U. S. Post Office at San Pedro. Sarver & Zoss, Los Angeles, general contractors:

Glassware, Gill Glass & Fixture Co. and Moe - Bridges Corp.; pendant switches, Pass & Symour; lighting distribution panel, Square D Company; switchboard and subfeeder panels, Square D Co.; lighting fixtures, Moe-Bridges Corp.

CONTRACT AWARDED
SACRAMENTO, Calif. — Newman Bros., Cincinnati, at $978 awarded contract by Treasury Department for bulletin boards for the U. S. Post Office, Sacramento.

CONTRACT AWARDED
PORT TOWNSEND, Wash.—P. H. Peterson, Port Townsend, awarded contract by Treasury Department, at $772 foor screenline changes at the U. S. Post Office, Port Townsend, Wash.

CONTRACT AWARDED
NOGALES, Arizona—Cincinnati Fly Screen Co., Cincinnati, at $897 awarded contract by Treasury Department for insect screens for the U. S. Immigration Station at Nogales, Ariz.

Site Selected.
POST OFFICE Cost, $——
VACAVILLE, Solano Co., Calif. NE Main and Parker Sts.
U. S. Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.

CONTRACT AWARDED
SAN FRANCISCO.—Royal Floor and Linoleum Co., 475 Sutter St., at $889 awarded contract by the Custodian, San Francisco Post Office, for furnishing and laying linoleum in the post office, 17th and Mission Streets.

SUB-CONTRACTS AWARDED
ALCATRAZ ISLAND, Cal. — Leo Epp, 4745 Geary St., San Francisco, awarded the following sub-contracts for the construction of the steel guard tower on roof of Building No. 82 with wood frame walkway on roof and steel frame bridge, stair, supports and walkways to Guard Tower, east of Building No. 82 and alterations to Buildings Nos. 64, 28, 4, 22, 31 and 86. Cost approximately $44,000:
Iron — Independent Iron Works, 1820 Chase St., Oakland
Plumbing—Scott Co., 143 Minna St., San Francisco.
Electric — Grandi Electric Co., 3429 Sacramento St., San Francisco.
Painting—R. P. Paoli, 3159 Fillmore St., San Francisco
Wallboard — U. S. Gypsum Co., 2501 Harrison St., San Francisco.
Hardwood Floors—Acme Floors Co., 1051 Mission St., San Francisco.

8— CLUB BUILDING

Contract Awarded
LODGE BLDG., ETC.
Contract price, $45,724
DALY CITY, San Mateo Co., Calif. Mission and Hillcrest Drive.
Two-story reinforced concrete & steel lodge and store bldg. (cast stone ornaments, steel columns and trusses, heating and ventilating system, maple floors, plate glass front, metal bars, tile work, etc.; two lodge halls, banquet hall and offices on second floor with stores on the ground floor).
Owner—Crocker Lodge, F & A. M.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—H. H. Larsen, 64 South Park, San Francisco.
Complete bids published Nov. 27.

9— HOSPITALS

PRELIMINARY PLANS COMPLETE
OLIVE VIEW, Los Angeles Co., Cal. —Los Angeles County Mechanical Department has completed preliminary plans for a proposed new hospital building to be built at Olive View Sanatorium. It will be a reinforced concrete structure with a maximum height of eight stories and a floor area of 490,000 square feet. Estimated cost $3,000,000. Federal funds are being sought to finance the project.

Bids Opened
SANITARIUM Cost, $500,000
HONOLULU, T. H.
Four - story reinforced concrete sanitarium.
Owner—Kula Sanitarium.
Architect—C. W. Dickle, Honolulu.
Low Bidder—M. Haiona, Honolulu.
Project approved by the PWA.
Complete bids follow:
M. Haiona, Honolulu $463,500
E. E. Black, Honolulu..... 471,025
Pioneer Const. Co., Seattle ... 485,827
Hawaiian Contr. Co., Honolulu 576,025
Bids exceeded funds available. Held under advisement.

Bids Wanted—To Close Dec. 30, 10 A. M.
HOSPITAL—ADD. Cost, $50,000
SALEM, Oregon.
Tuberculosis Hospital Addition.
Owner—State of Oregon.
Architect—L. L. Dugan & C. H. Wallwork, Studio Bldg., Portland, Oregon.
Plans and specifications may be obtained from the architect upon deposit of $15.00.

Contract Awarded.
HOSPITAL Cont. Price, $50,909
ATWATER, Merced Co., Calif.
One-story frame and stucco hospital (55 beds).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W. E. Bedesen, Merced.
Contractor—A. L. Swanson and C. A. Hillberg, P. O. Box 342, Turlock.
Complete bids published Dec. 2.

Plans Being Prepared.
NURSES' HOME Cost, $40,000
ATWATER, Merced Co., Calif.
One-story frame and stucco nurses' home, garage, landscaping, equipment, etc. (Second Unit).
Owner—City of Atwater.
Architect—A. O. Johnson, Sir Francis Drake Hotel, San Francisco.
Engineer—W E. Bedesen, Merced.
Bids will be asked in about thirty days.

BIDS WANTED
VENTURA, Cal.—Until January 3, bids will be received by Ventura County Supervisors for an isolation ward to be added to Ventura County Hospital, a PWA project. Cost of tha addition is estimated at $60,000. Harold S. Burket, 468 E. Main Street, Ventura, architect.

BIDS WANTED
LONG BEACH, Cal.—Until Dec. 28, 11:30 A. M., bids will be received by Architect I. E. Loveless, 102 S Robertson Blvd., Beverly Hills, for a Class A hospital building to be built at the corner of Tenth St. and Linden Ave., Long Beach, for Sisters of the Incarnate Word, 1060 Linden Avenue, Long Beach. The main building will be a 4-story structure, 126x147-ft. In area and will provide 65 beds, offices, laboratory pharmacy, dining rooms, kitchen and surgical foyer; reinforced concrete construction. Cost, $225,000.

Construction Started.
HOSPITAL Cost, $50,000
NEVADA CITY, Nevada Co., Calif.
One-story hospital (women's ward to accommodate 40) concrete walls, tile roof, steam heating system, steel sash, wood and linoleum floors, etc.
Owner—County of Nevada.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials are being purchased by the WPA office, Old Post Office Bldg., Sacramento.

10— HOTELS

Planned.
ALTERATIONS Cost, $7,500
STOCKTON, San Joaquin Co., Calif. 926 E. Main Street.
Alterations to hotel (new decorations, etc.)

Owner—Capital Co., 625 Market St., San Francisco.
Plans by Engineering Dept. of Owner.
Lessee—Mr. and Mrs. B. F. Brown, 926 E. Main St., Stockton.

12— POWER PLANTS

Contracts Awarded.
SUB-STATION Cost, $195,000
ALAMEDA, Alameda Co., Cal. Eagle and Grand Avenue.
Two-story reinforced concrete substation and one-story reinforced concrete fire alarm building (composition roofing).
Owner—City of Alameda.
Architect—Andrew T. Hass, 525 Market St., San Francisco.
Mechanical Engineer—Hunter & Hudson, 41 Sutter St., San Francisco.
Contractor—W. E. Lyons Constr. Co., 2009 Pacific Ave., Alameda, $35,383 (sub-station building).
Switching and Regulator Equipment—Kenney Bros., 7 Front St., San Francisco, $96,287.
Wiring—Kenney Bros., $56,343.
Transformers—Maloney Electric Co., Rialto Bldg., S. F., $24,504.
Fire alarm system bids were rejected and will be readvertised shortly.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

BIDS WANTED
SAN LUIS OBISPO, Cal.—Architects A. R. Walker and P. A. Eisen, 708 Pacific Commerce Bldg., Los Angeles, are taking bids for composition tile floors to be installed in the first unit of the San Luis Obispo County Courthouse.

CONTRACT AWARDED
HALL AND FIRE HOUSE
Contract Price, $52,470
MILL VALLEY, Marin Co., Calif.
Two-story Class C concrete, brick and stone town hall and fire department (tile roof, steel sash, metal lath partitions, hot air heating system, air conditioning system, concrete floor slabs, etc.)
Owner—Town of Mill Valley.
Architects—D. E. Jaeckle and Walter Falch, 126 Post St., San Francisco.
Contractor—Vincent Maggiore, Sausalito.

BIDS WANTED
TORRANCE, Los Angeles Co., Cal.—Until Dec. 27, 8 P. M., new bids will be received by the Torrance city council for a city hall and jail building and a garage building to be built in Torrance. All work will be included in the general contract. Plans may be obtained from the architects, A. R. Walker and P. A. Eisen, 703 Pacific Commerce Bldg., Los Angeles, or from the city clerk in Torrance upon deposit of $25.

PLANNED
BAKERSFIELD, Kern Co., Calif.—Kern county supervisors have applied to WPA for funds with which to finance the construction of a war veterans' building on West 19th Street, Bakersfield, to cost approximately $34,000. Preliminary plans contemplate a two-story reinforced concrete structure.

Bids Wanted—To Close Jan. 3rd, 8 P. M.
CITY HALL & JAIL Cost, $85,000
TULARE, Calif.
Two-story reinforced concrete city hall and jail.
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg Fresno.

Planned.
CITY HALL Cost, $15,000
CRESCENT CITY, Del Norte Co., Cal.
New City Hall.
Owner—City of Crescent City.
Architect—Not Given.
The Crescent-Elk Elementary School District will offer for sale the old grammar school on H, Fifth, G and Fourth Streets.
Further details will be announced shortly.

Planned.
FIRE HOUSE Cost, $70,000
FRESNO, Fresno Co., Cal. E and Fresno Streets.
New fire house.
Owner—City of Fresno.
Architect—Allied Architects of Fresno
Application will be filed with the PWA for a loan and grant to finance proposed building, and if approved present building on site will be razed.

Bids Rejected.
LIBRARY Cost, $30,000
CHICO, Butte Co., Calif.
Constructing public library building.
Owner—City of Chico.
Architect—Chester Cole, 4418 Second St., Chico.
James L. McLaughlin, 251 Kearny St., San Francisco, submitted only bid at $39,335.
New bids will be asked shortly.

Construction Started.
CITY HALL Cost, $25,000
AUBURN, Placer Co., Calif.
One- and two-story reinforced concrete city hall and central fire house.
Owner—City of Auburn.
Architect — George Sellon, California State Life Bldg., Sacramento.
Materials are being purchased by the WPA office, Old Post Office Bldg., Sacramento.

14— RESIDENCES

To Ask Bids Within Few Days.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
One-story frame and stucco residence (7 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, tile baths; Rambling Type.
Owner—F. H. McCrea.
Architect—W. W. Wurster, 260 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Cal. No. 1025 Lincoln Avenue.
Two-story frame residence.
Owner—Carl Miller, 454 Forest Ave., Palo Alto.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Calif. 1750 University Avenue.
Two-story frame and stucco residence
Owner—Mrs. Leona B. Kemper.
Architect—Not Given.
Contractor—C. W. Kemper, 125 Bryant St., Palo Alto.

Contract Awarded
RESIDENCE Cost, $10,000
SAN FRANCISCO, N Casa Way, SE Marina Blvd.
Two - story and basement frame and stucco residence.
Owner—W. C. Fox.
Architect—Fred. Reimers, 233 Post St.
Contractor—Fred. DuPuy, 110 Sutter.

Contract Awarded
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2542 Mountain Blvd.
One - story and basement frame and stucco residence (6 rooms)
Owner—M. Jessen, 4749 Walnut Ave., Oakland.
Architect—Not Given.
Contractor—O. W. Johnson, 1237 Alt[illegible] Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO, W Stockton 71 N Chestnut Street.
One - story and basement frame and stucco residence.
Owner—P. Johnsen, 1750 Bay Street.
Architect—Not Given.
Contractor—Peder P. Johnsen, 1750 Bay Street.

To Be Done By Day's Work.
RESIDENCES Cost, $5000 each
SAN FRANCISCO, W Fernwood N Brentwood.
Two 2-story frame and stucco residences.
Owner and Builder—Paul A. Wolter, Jr., 201 Yerba Buena Ave.
Architect—M. J. Rist, Phelan Bldg.

Contract Awarded
ADDITION Cost, $2500
STOCKTON, San Joaquin Co., Calif. 229 South Madison St.
Addition to residence.
Owner—S. Tanaka, premises.
Architect—Not Given.
Contractor—J. C. Nunley, 744 Yale St., Stockton.

Contract Awarded.
RESIDENCE Cost, $6500
OAKLAND, Alameda Co., Cal. Shelton Drive, Piedmont Pines.
California-Colonial residence (6 rooms two baths) hardwood floors, shake roof, tile baths.
Owner—R. W. Morgart.
Architect—Edwin Lewis Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—T. D. Courtright, 349 51st St., Oakland.

Plans Being Completed.
RESIDENCE Cost, $14,000
WALNUT CREEK, Contra Costa Co.
One - story brick residence (9 rooms, 3 baths) shake roof, oil burning steam heating plant, steel sash, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be asked in about 10 days.

Preparing Working Drawings.
RESIDENCE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. College Park.
Two-story and basement frame and stucco residence (seven rooms and 3 baths), tile roof, gas heating system, hardwood floors, tile baths
Owner—Withheld.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Bids will be askd about Jan 1.

Contract Awarded
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Euclid Avenue.
One - story and basement frame and stucco residence (6 rooms) reinforced concrete garage, tile roof, steel sash, gas heating system, hardwood floors, etc.
Owner—George Kerr.
Architect—E. L. Snyder, 2101 Shattuck Ave., Berkeley.
Contractor—J. R. Armstrong, 1131 Fleet Road, Oakland.

Plans Being Prepared.
RESIDENCE Cost, $8,000
BURLINGAME, San Mateo Co., Cal.
Two - story all-wood residence (modern style) 8 rooms, 3 baths, composition roof, gas heating system, wood sash, hardwood floors, tile and linoleum in baths, etc.

Owner—N. Jones, Burlingame.
Architect—D. E. Jaekle, 126 Post St., San Francisco.
Bids will probably be asked shortly.

Plans Being Prepared.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Pinelake Park.
Six one-story and basement frame and stucco residences (five rooms) tile shingle tile, composition, shake roofs, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Avenue.
Architect—D. E. Jaekle, 126 Post St.. Sub-bids will be taken in about one week.

Plans Being Completed
RESIDENCE Cost, $——
LOS GATOS, Santa Clara Co., Calif.
Two-story frame, stucco and brick veneer residence (6 rooms).
Owner—Fred Oehler, American Trust Co., San Jose.
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.
Bids will be asked in about 3 weeks.

Sub-Bids Being Taken.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Pinelake Park.
Four one - story and basement frame and stucco residences (4- 5- and 6-rooms) tile & composition roofing, wood sash, hardwood floors, tile baths, etc.
Owner and Builder—A. J. Herzig, 635 Victoria Street.
Architect—D. E. Jaekle, 126 Post St.

Plans Being Completed
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co., Cal. W Elwood bet. Brewster and Hopkins Streets.
One - story and basement frame and stucco residence (5 rooms, laundry and large rumpus room) tile roof, hot air furnace, hardwood floors, tile baths.
Owner—Mr. and Mrs. Thos. Buich.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans Complete
RESIDENCE Cost, $6,500
PIEDMONT, Alameda Co., Calif. 409 Park Way Avenue.
Two - story frame and stucco residence (six rooms).
Owner—H. P. Fisher, 1058 Winsor Avenue, Piedmont.
Architect—W. E. Schirmer, Bank of America Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Rockridge District.
Two - story and basement frame and stucco residence.
Owner—Mr. Weaver.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $8,000
OAKLAND, Alameda Co., Calif. 1625 Leimert Blvd.
Two-story and basement frame and stucco residence (7 rooms).
Owner—H. B. Croft, 3831 Brighton Ave., Oakland.
Architect—Not given.
Contractor—N. H. Anderson, 1014 Doris Court, Alameda.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO, Calif. W. 23d N Lawton Street.
Four one-story & basement frame and stucco residences.
Owner & Builder—R. F. Galli, 377 West Portal Ave.
Architect—Not given.

Contract Awarded.
ALTER. RES. Cost, $10,000
ATHERTON, San Mateo Co., Calif. McCormick Ave.
Two-story frame and stucco residence.
Owner—Edward H. McNear, Atherton.
Architect—Not given.
Contractor—W. R. Voorhies, Atherton.

Contract Awarded.
RESIDENCE Cost, $6,000
SAN MATEO, Calif. Seville Way.
Two-story frame and stucco residence.
Owner—Mr. and Mrs. Zatsanian.
Architect—Not given.
Contractor — G. W. Williams, 315 Primrose Road, Burlingame.

Low Bidder
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and rustic residence (8 rooms, 3 baths) shingle roof, gas heating system, wood sash, hardwood floors, etc.
Owner—Bolling Chinn.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Low Bidder — E. Merlo, Rt. 2, Box 232, Stockton.

Plans Being Figured—Bids Close Dec. 27, 5 P. M.
RESIDENCES Cost, $——
MERCED, Merced Co., Calif.
Two one-story frame and stucco residences (five rooms each) shingle roof, gas heating system, wood & steel sash, tile baths, hardwood floors, etc.
Owner—Mr. Morley.
Architect—G. N. Hilburn, 1213 I St., Modesto.

To Be Done By Day's Work.
RESIDENCE Cost, $7,000
BERKELEY, Alameda Co., Calif. 454 Vassar.
Two-story frame and stucco residence (six rooms).
Owner and Builder—Milton S. Bonds, 583 Spruce St., Berkeley.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,600
OAKLAND, Alameda Co., Calif. 5700 Clover Drive.
One - story and basement frame and stucco residence (six rooms).
Owner—J. E. Hourtane, 5351 Chabot Court, Oakland.
Architect—Not Given.
Contractor—James Allan, 6718 Flora St., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 6124 Laird Avenue.
One - story and basement frame and stucco residence (six rooms).
Owner and Builder—A. E. Waldman, 3192 McKillop Road, Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCES Cost, $10,000
OAKLAND, Alameda Co., Calif. 1529-1531 Leimert Boulevard.
Two one-story frame and stucco residences.
Owner—C. E. Hiatt, 286 Lemos Ave., Oakland.
Architect—Not Given.
Contractor—Geo. Windsor, 928 Kingston Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
SAN FRANCISCO. S Vicente 32 W 22nd Avenue.
One - story and basement frame and stucco residence.
Owner and Builder — Arco Bldg. Co., 4708 Mission Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4500
STOCKTON, San Joaquin Co., Calif. 2157 Lakeside Street.
One-story frame and stucco residence (six rooms).
Owner—J. E. McCarty.
Architect—Not Given.
Contractor—M. A. Orcutt, 620 N. Central St., Stockton.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. W 18th, S Ulloa.
One - story and basement frame and stucco residence.
Owner and Builder—Meyer Bros., 735 West Portal Drive.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 each
SAN FRANCISCO. Juanita and Fowler Streets.
Three one-story and basement frame and stucco residences.
Owner and Builder—Meyer Bros., 735 Portola Drive.
Architect—Not Given.

Contract Awarded
DUPLEX RESIDENCE Cost, $10,653
SAN FRANCISCO. Roosevelt Way E Buena Vista Terrace.
Two - story and basement frame and stucco duplex residence (2 6-room 2 baths in each residence) Johns-Manville asbestos roof, wood sash, tile baths, hardwood floors, canvas walls and ceilings, etc.
Owner—Gabriel Moulin.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny Street.

Preparing Sketches
RESIDENCE Cost, $20,000
ALAMO, Contra Costa Co., Calif.
Two-story frame residence.
Owner—Withheld.
Architect—Noble and Archie T. Newsom, Russ Bldg., San Francisco.

Plans Being Completed.
RESIDENCE Cost, $14,000
SAN RAFAEL, Marin Co., Calif.
Two-story frame and stucco residence (7 rooms, 2 baths) tile roof, gas or oil heating system, hardwood floors, tile baths, etc.
Owner—Withheld.
Architect—Archie and Noble Newsom, Russ Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $4000 each
SAN FRANCISCO. W Twenty-sixth Ave. N Moraga St.
Three one-story and basement frame and stucco residences.
Owner and Builder—C. T. Lindsay, 140 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
ALTERATIONS Cost, $4000
SAN FRANCISCO. No. 2080 Washington Street.
Alterations to residence.
Owner—Alma Spreckels, Premises.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4000
OAKLAND, Alameda Co., Cal. No. 3259 Fifty-fifth Avenue.
One-story and basement frame and stucco residence (5 rooms).
Owner and Builder—P. A. Wolff, 4514 E-14th St., Oakland.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 ea.
SAN FRANCISCO. N Shawnee West Cayuga Street.
Two one-story and basement frame & stuco residences.
Owner & Builder—Stoneson Brothers, 1630 Ocean Avenue.
Architect—Not Given.

5— SCHOOLS

Bids Opened.
SCHOOL Cost, $81,165
CHICO, Butte Co., Calif.
One-story reinforced concrete elementary school unit.
Owner—Chico School District.
Architect—Chester Cole, 4418 Second St., Chico.
Low Bidder—Campbell Const. Co., 800 R St., Sacramento.
Complete bids follow:
(1) deduct for changing tile room to shingle;
(2) deduct for using maple floors in lieu of pine;
(3) deduct for omitting flagpole;
(4) deduct for omitting kalsomining ceilings;
(5) deduct for omitting blackboards;
(6) deduct for omitting assembly;
(7) deduct for omitting boilers and burners.

Campbell Const. Co., Sacto.		$103,245
	(1)	1,540
	(2)	820
	(3)	180
	(4)	300
	(5)	500
	(6)	18,000
	(7)	740
J. L. McLaughlin, S. F.		$106,300
	(1)	1,733
	(2)	700
	(3)	930
	(4)	500
	(5)	400
	(6)	18,960
	(7)	740

Recommendation made to PWA to award contract to Campbell Const. Co. at $81,165, accepting alternates given.

Preparing Working Drawings.
ALTERATIONS Cost, $20,000
MILL VALLEY, Marin Co., Calif.
Alterations to Old Mill School.
Owner—Mill Valley School District.
Architect—Walter Falch, Hearst Bldg. San Francisco.
Bids will be asked in about thirty days.

Bids Opened.
IMPROVE SCHOOL Cost, $——
CROCKETT, Contra Costa Co., Calif.
Reconstruct west wing of the grammar school.
Owner — Carquinez Grammar School District.
Structural Engineer—Dewell and Earl, 55 New Montgomery Street, San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Low Bidder—C. L. Wold Const. Co., 4412 Fulton St., San Francisco.
Complete bids follow:
(1), (2), (3), (4), (5), add.

C. L. Wold Const. Co., S. F.		$61,493
	(1)	950
	(2)	2,750
	(3)	770
	(4)	286
	(5)	2,200
K. S. Koller, Crockett		$75,356
	(1)	740
	(2)	1,900
	(3)	485
	(4)	142
	(5)	4,500

Bids held under advisement until December 20.

Contract Awarded.
GYMNASIUM Cont. Price, $24,488
HILMAR, Merced Co., Cal.
One-story frame and stucco gymnasium.
Owner—Elim Grammar School District (L. C. Anderson, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—L. Ubels, Ripon.

Preparing Preliminary Plans
GYMNASIUM Cost, $20,000
SANTA CRUZ, Santa Cruz Co., Calif.
Mission Hill School.
One-story frame and stucco gymnasium (structural steel frame and trusses, concrete footings, stud walls, wood sash, maple floors, composition roofing, etc.)
Owner—Santa Cruz Jr. High School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Application filed with the WPA and upon approval construction will start.

Award Recommended.
GYMNASIUM Cont. Price, $92,641
CHICO, Butte Co., Calif.
One-story reinforced concrete gymnasium for Chico High School.
Owner—Chico High School District.
Architect—Chester Cole, 4418 Second St., Chico.
Contractor—Campbell Constr. Co., 800 R St., Sacramento, $104,982.
Complete bids follow:
(1) ded. for omitting insulation.
(2) ded. for omitting ratproofing.
(3) ded. for omitting partitions in gymnasium.
(4) ded. for omitting grand stand.
(5) ded. for omitting mastipave flooring.
(6) ded. for not finishing classrooms
(7) ded. for using maple floor in lieu of pine.

Campbell Constr. Co., Sacto.		$104,982
	(1)	1,050
	(2)	1,575
	(3)	2,500
	(4)	5,000
	(5)	400
	(6)	1,600
	(7)	216
James L. McLaughlin, S. F.		$107,508
	(1)	1,100
	(2)	1,632
	(3)	2,482
	(4)	4,500
	(5)	400
	(6)	1,266
	(7)	200
Merrick Evans, Chico		$108,980
	(1)	1,017
	(2)	1,440
	(3)	2,440
	(4)	4,600
	(5)	650
	(6)	960
	(7)	180

Recommendation made to the PWA that contract be awarded to Campbell Constr. Co., at $92,641.

New Bids Wanted—To Close Dec. 28, 2 P. M.
HIGH SCHOOL Cost, $181,000
ARBUCKLE, Colusa Co., Calif.
One - story reinforced concrete high school (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner—Pierce Union High School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

Bids Opened
GYMNASIUM Cost, $60,091
NEVADA CITY, Nevada Co., Calif.
One-story reinforced concrete gymnasium (lockers, showers, etc.)
Owner—Nevada City High School District.
Architect — Wm. Mooser, Monadnock Bldg., San Francisco.
Engineer—W. Adrian, 417 Market St., San Francisco.
Low Bidder—C. L. Wold Const. Co., 4412 Fulton St., San Francisco
Complete bids follow:

C. L. Wold Const. Co., S. F.	$ 85,620
F. J. Early, Jr., San Francisco	114,827
*Moore & Roberts, S. F.	117,000

*Bid irregular.

Contract Awarded
ALTERATIONS Cont. Price, $32,174
DAVIS, Yolo Co., Calif.
Alterations to grammar school (repair auditorium, etc.)
Architect—Starks & Flinders, Forum Bldg., Sacramento.
Contractor—Geo. W. Kopp, 1514 15th St., Sacramento.
Only other bid was submitted by F. F. Bender, Sacramento, at $34,890.

Plans Being Prepared
WAREHOUSE, ETC. Cost, $54,500
BAKERSFIELD, Kern Co., Calif. K and L Streets.
Warehouse, shop and garage building (reinforced concrete construction, brick filler walls).
Owner—Bakersfield City School District.
Architect—Ira W. Hoover and Wm. C. Hayes (Edwin J. Symmes office) Haberfeld Bldg., Bakersfield.

Bids Opened
SCHOOL Cost, $43,048
HANFORD, Kings Co., Calif.
One-story reinforced concrete elementary school.
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—R. P. Moore, 3662 Verrue, Fresno.
Complete bids follow:

R. P. Moore, Fresno	$54,389
Fisher & McNulty, Fresno	59,884
W. J. Ochs, Fresno	63,719

Bids held under advisement.

Bids Opened
SCHOOL Cost, $22,000
TRUCKEE, Nevada Co., Calif.
One-story frame and stucco elementary school (3 classrooms and auditorium).
Owner—Truckee School District.
Architect—Masten and Hurd, 233 Post St., San Francisco.
William Martin, 666 Mission Street, San Francisco, at $44,000 submitted only bid.

Bids Rejected
SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Leibert & Trobock, San Rafael, submitted only bid at $55,915, which was rejected. New bids will probably be asked.

Bids Opened
SCHOOL Cost, $16,500
LAKE COUNTY, Burns Valley.
One-story frame and stucco grammar school (3 classrooms and assembly hall).
Owner—Burns Valley School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Low Bidder—A. C. Lightford, Upper Lake, $26,000.
Only other bid was submitted by Leibert & Trobock, San Rafael, at $29,000.

New General Bids Wanted—To Close Dec. 27, 11:30 A. M.

SCHOOL Cost, $——
SAN FRANCISCO. Bartlett and 22nd Streets.
New grammar school building (twelve classrooms) Agassiz School.
Owner—City and County of San Francisco.
Architect—Masten & Hurd, 233 Post.
Structural Engineer—Walter Huber Crocker First Nat'l Bank Bldg.
Electrical Engineer—Leland & Haley, 58 Sutter Street.
Plans and specifications may be obtained at Room 265, City Hall, upon deposit of $50.00.
As previously reported, mechanical equipment and plumbing contracts awarded to Herman Lawson, 465 Tebama St., at $24,850 and electrical contract to Lynn & Heffernan, 114 Ashton Ave., at $17,740.
On previous bid opening for general work lowest bid was submitted by C. L. Wold Const. Co., Ltd., at $152,229.

Bids Opened

SCHOOL Cost, $42,000
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco grammar school (11 classrooms, composition roofing, steam heating system, wood floors, wood sash, etc.
Owner—Sebastopol Union Elementary School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Low Bidder—L. Diogardi, Sebastopol.
Complete bids follow:
(1) Excavation and retaining wall;
(2) Deduct for omitting 2 classrooms;
(3) Deduct for omitting four classrooms and two activity rooms.

L. Diogardi, Sebastopol		$66,174
	(1)	4,200
	(2)	4,249
	(3)	8,002
Robert McCarthy, S. F.		$72,138
	(1)	4,500
	(2)	4,200
	(3)	8,600
Leibert & Trobock, San Rafael		$74,167
	(1)	4,053
	(2)	4,354
	(3)	9,355
A. Nelson, San Francisco		$79,958
	(1)	3,700
	(2)	4,950
	(3)	7,995

Recommendation made to the PWA that contract be awarded to L. Diogardi, accepting Alternate 2.

Bids Wanted—To Close Dec. 27th, 8 P. M.

ADDITION Cost, $30,000
MILLBRAE, San Mateo County, Cal. Chadbourne Avenue.
Addition to Millbrae elementary school (add three new classrooms, enlarge auditorium, new steam heating system, new plumbing system, add new lunch room and general repairs) and addition to Lomita Park School (add two new classrooms, new lunch room new steam heating system, new plumbing system and general repairs).
Owner — Millbrae Elementary School District.
Architect—Thomas Edwards, 9 Geary St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.00.
Bids will be opened at the Lomita Park School.

Bids Opened

IMPROVE SCHOOL Cost, $35,000
SALINAS, Monterey Co., Calif.
Structural change to domestic science building of the Salinas Union High School (wood frame construction, steel columns and trusses).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—H. C. Geyer, 946 Hellam St., Monterey.
Complete bids follow:
(1) add for glazed tile flooring;
(2) add for extra room.

Harold C. Geyer, Monterey		$29,595
	(1)	187
	(2)	2,684
Albert Staton, Salinas		$29,635
	(1)	165
	(2)	3,483
F. C. Carlsen, Salinas		$32,232
	(1)	250
	(2)	3,967

Recommendation made to PWA that contract be awarded to Mr. Geyer.

Bids Opened

JUNIOR COLLEGE Cost, $120,000
SALINAS, Monterey Co., Calif.
One - story wood frame junior college and gymnasium with steel columns and trusses.
Owner—Salinas Un. High School Dist. (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Low Bidder—C. L. Wold Const. Co., 4412 Fulton St., San Francisco.
Complete bids follow:
(1) Add for glazed tile flooring;
(2) Add for glazed tile wainscot;
(3) Deduct if all sheet metal, plumbing and electrical work is omitted.

Work Complete

C. L. Wold Const. Co., S. F.		$131,936
	(1)	408
	(2)	588
	(3)	25,766
Frank J. Reilly, S. F.		$135,831
	(1)	550
	(2)	700
	(3)	25,766
Carl N. Swenson and D. Bostrom, San Jose		$136,949
	(1)	410
	(2)	534
	(3)	25,966

Electric

Chas. Langlais, 472 Tehama St., St., San Francisco	$10,625
Radio Electric Co., Salinas	10,658
Salinas Elec. Works, Salinas	10,900

Plumbing, Heating and Sheet Metal

Anderson - Dougherty - Hargis, 225 Main St., Salinas	$21,243
Phillips Heating and Plumbing Co., Salinas	23,111

Recommendation made to the PWA that contract be awarded to C. L. Wold Construction Company.

Contract Awarded.

AUDITORIUM Cont. Price, $50,000
PLEASANTON, Alameda Co., Calif.
One-story reinforced concrete auditorium (to seat approx. 900).
Owner — Amador Joint High School District.
Architect—Henry S. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—A. Nelson, 242 Ocean Ave San Francisco.

Bids Opened

SCHOOL Cost, $31,000
CLOVERDALE, Sonoma Co., Calif.
One-story frame and stucco academic building (six classrooms and gymnasium) flat roof, steam heating system, wood sash, etc.
Owner—Cloverdale Union High School District.
Architect—Herbert & Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Leibert & Trobock, Albert Building, San Rafael, submitted only bid at $55-915.
Complete bid follows:

Total bid		$55,915
(1) Deduct for omitting finish in gymnasium		9,9
(2) Deduct for omitting gymnasium		23,3
(3) Deduct for omitting steam heating system and wiring for electric heat		5,2
(3-a) do		2,2

Bid held under advisement.

CONTRACT AWARDED

CORONA, Los Angeles Co., Cal.—G. C. Berner, 611 W. Sixth St., Coron awarded contract by Corona Hig School Board, at $49,990, for con struction of an addition to the junio high school in Corona, a PWA proj ect. G. Stanley Wilson, 3616 Mai St., Riverside, architect.

Contracts Awarded

SCHOOL Cost, $90,00
HOQUIAM, Washington.
Three - story cement and cast ston school (220x92 feet).
Owner—School Dist. No. 28, Hoquian (H. C. Cressmpacker, Supt. o Schools).
Architect—Earl W. Morrison, Textile Tower, Seattle.
Contractor—S. S. Mullen, Port Angeles, $70,811.
Heating and Plumbing—Gehri Heating & Plumbing Co., Tacoma, $13,225.
Electric—Hoquiam Elec. Co., Hoquiam $3,789.

Bids Opened.

SCHOOL Cost, $58,182
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar school (7 classrooms and assembly to seat 320).
Owner—Walnut Grove School District
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Low Bidder—Petersen & Steinbrenner, Sacramento.
Complete bids follow.

Petersen & Steinbrenner, Sacramento		$53,898
H. H. Henning, Stockton		54,862
Campbell Constr. Co., Sacto.		57,850

Recommendation made to the PWA that contract be awarded to Petersen & Steinbrenner, at $53,898.

Bids Opened

ADDITION Cost, $32,727
CLARKSBURG, Yolo Co., Calif.
Addition to high school.
Owner—Clarksburg Union High School District.
Architect—Harry Devine, Cronan Bldg Sacramento.
Low Bidder—Azevedo Const. Co., 920 O St., Sacramento.
Complete bids follow:
(1) Deduct for omitting agricultural room;
(2) Deduct for omitting gymnasium.

Azevedo Const. Co., Sacto.		$35,780
	(1)	3,600
	(2)	10,404
Campbell Const. Co., Sacto.		$36,764
	(1)	3,454
	(2)	9,520
Chas. Unger, Sacramento		$40,596
	(1)	3,800
	(2)	12,096

Recommendation made to PWA that contract be awarded to Azevedo Construction Co., accepting Alt. No. 2.

Bids Opened

GYMNASIUM Cost, $27,610
HILMAR, Merced Co., Calif.
One - story frame and stucco gymnasium.
Owner—Elim Grammar School District (L. C. Anderson, Clerk).
Architect—Chas. F. Dean, California State Life Building, Sacramento.
Low Bidder—L. Ubels, Ripon.
Complete bids follow:

L. Ubels, Ripon	$24,488
Harry Brown, Modesto	$24,489
C. A. Hillberg, Turlock	25,887
H. Tennyson, Modesto	27,110

Bids held under advisement.

Contract Awarded
SHOP AND GARAGE
Contract Price, $30,200
SEBASTOPOL, Sonoma Co., Cal. Sebastopol High School grounds.
One - story reinforced concrete shop and garage building.
Owner—Analy Union High School District (B. Best, Clerk).
Architect—Louis S. Stone and Henry C. Smith, 785 Market Street, San Francisco.
Contractor—A. Nelson, Inc., 242 Ocean Ave., San Francisco.
The shop building only will be erected at this time. Ways and means of acquiring additional funds to construct garage is now being discussed.

Bids Opened
AUDITORIUM Cost, $——
WILDALE, Kern Co., Calif.
One - story reinforced concrete auditorium (to seat 1500).
Owner—Standard School District.
Architect—Charles H. Biggar, Haberfelde Bldg., Bakersfield.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Low Bidder—Opperman and Kampe, Box 414, Bakersfield.
Complete bids follow:

Opperman & Kampe, Bakersfield	(1)	$117,989
	(2)	160,906
Henry Eisler, Bakersfield	(1)	$124,000
	(2)	170,000
Williams & Green, Bakersfield	(1)	$120,200
	(2)	162,500
Fisher & McNulty, Fresno	(1)	$124,735
	(2)	....

Bids held under advisement.

Bids Wanted—To Close Dec. 27, 10 A. M.
SCHOOL Cost, $18,193
ELK GOVE, Sacramento Co., Calif.
One - story brick and steel grammar school.
Owner—Elk Grove Union Grammar School District (E. V. Folhemus, Clerk).
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Plans and specifications may be obtained from the architect and from the clerk of the board upon deposit of $25.00.

CONTRACT RE-AWARDED
SAN FRANCISCO.—Department of Public Works re-awarded a contract to Erling Andresen, 99 Divisadero St. at $2,385 for interior and exterior painting of the Excelsior School, Excelsior Ave. and London Street.
Award was previously made to R. P. Paoli, at $2,699.

Award Recommended
GYM. & SHOPS Cont. Price, $62,715
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop building (reinforced concrete construction).
Owner—Selma Union High School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Contractor—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Complete bids published Dec. 13.

Contract Awarded
STRENGTHEN SCHOOL
Contract Price, $21,976
CENTERVILLE, Alameda Co., Calif.
Strengthen Washington Union High School (steel and wood strengthening, etc.)
Owner—Washington Un. High School District.
Architect—Birge H. Clark, 310 University Ave., Palo Alto.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.
Complete bids published Nov. 21.

Bids Opened—Awards Recommended.
JUNIOR COLLEGE Cost, $100,000
REEDLEY, Fresno Co., Calif.
New junior college.
Owner—Reedley Joint Union High School District.
Architect—Chas. H. Franklin, T. W. Patterson Bldg., Fresno.
Contractor—Fisher & McNulty, Cory Bldg., Fresno, $74,000.
Mechanical Work—Frank Hudson, 45 Manor Drive, San Francisco, $13,-038.
Electric—American Electric Construction Co., 462 Bryant St., San Francisco, $5,521.
General bids follow:

Fisher & McNulty	$111,998
Trewhitt-Shields-Fisher, Fresno	113,913
Midstate Const. Co., Fresno	117,085
W. J. Ochs, Fresno	118,620

Fifteen alternate proposals were submitted.

Bids Wanted—To Close Jan. 6, 8 P.M.
SCHOOL Cost, $23,636
KNIGHTSEN, Contra Costa Co., Cal.
One-story frame and stucco elementary school (4 classrooms).
Owner—Knightsen Elementary School District.
Architect—James Narbett, 466 31st St. Richmond.
Plans and specifications may be obtained from the architect upon deposit of $25. Bids will be opened in the Knightsen School.

Bid Opening Date Postponed
SCHOOL Cost, $24,454
NAPA, Napa Co., Calif.
One-story reinforced concrete elementary school (two classrooms and auditorium to seat 200).
Owner—Mt. George Union Elementary School District.
Architect—W. E. Coffman, Forum Bldg., Sacramento.
The date of opening bids was previously set for Dec. 14 at 2 P. M., but was postponed. A new date will be set within a few days.

Bids Opened
SCHOOL Cost, $45,422
DEL REY, Fresno Co., Calif.
One - story frame and stucco school building (six classrooms and auditorium to seat 500) tile roof, gas heating system, wood floors, etc.
Owner—Prairie School District.
Architect—Fred L. Swartz, Brix Bldg. Fresno.
Low Bidder—T. C. Irwin, 269 N. Fulton St., Fresno.
Complete bids follow:

General Work	
T. C. Irwin, Fresno	$27,816
W. J. Ochs, Fresno	35,702
Fisher & McNulty	36,585
Plumbing	
B. A. Newman, 320 N. H Street, Fresno	$3,165
Service Plbg. Co., Fresno	3,273
J. E. Pettijohn & Co., Delano	3,595
Barrett-Hicks, Fresno	3,646

Recommendation made to the PWA that contracts be awarded to T. C. Irwin, Fresno, at $31,676 (accepting certain alternates) and to B. A. Newman for plumbing at $3,165.

Bids Rejected
SCHOOL Cost, $43,048
HANFORD, Kings Co., Calif.
One-story reinforced concrete elementary school.
Owner — Hanford Elementary School District (W. C. Tar, Clerk).
Architect—W. D. Coates, Rowell Bldg. Fresno.
All bids rejected. New bids will be asked within a few days. On previous bid opening lowest bid was submitted by R. P. Moore, Fresno, at $54,389.

Bids Opened
HIGH SCHOOL Cost, $60,000
CEDARVILLE, Modoc Co., Calif.
One - story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Low Bidder—P. D. Harrison, Cedarville.
Complete bids follow:
(1) Omit auditorium;
(2) Omit vault;
(3) Work complete with Alternates 1 and 2.

P. D. Harrison, Cedarville		$63,000
	(1)	11,500
	(2)	600
	(3)	50,900
J. C. Meyers, Stockton		$74,200
	(1)	10,500
	(2)	450
	(3)	64,750
B. A. Howkins, S. F.		$82,800
	(1)	14,900
	(2)	350
	(3)	67,050

Recommendation made to the PWA that contract be awarded to P. D. Harrison at $50,900.

Bids Opened
SCHOOL Cost, $37,795
LOS BANOS, Merced Co., Calif.
One - story reinforced concrete elementary school.
Owner—Los Banos Elementary School District.
Architect—E. J. Kump, Rowell Bldg., Fresno.
Low Bidder—M. B. Folsom, 914 22nd St., Merced.
Complete bids follow:

M. B. Folsom, Merced	$34,344
R. W. Brown, Madera	35,864
F. J. Reilly, San Francisco	39,000
L. Ubels, Ripon	39,950
Midstate Const. Co., Fresno	43,316

Bids held under advisement.

Bids Opened
SCHOOL Cost, $54,545
DORRIS, Siskiyou Co., Calif.
One-story elementary school building.
Owner—Dorris Elementary School District.
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Ore.
Low Bidder—Brosterhous Const. Co., Klamath Falls.
(1) Work complete;
(2) Omitting portions of the work.

Brosterhous Const. Co.	(1)	$67,073
	(2)	45,983
B. A. Howkins, S. F.	(1)	62,000
	(2)	48,325

Recommendation made to the PWA that contract be awarded to Brosterhous Const. Co. at $45,983.

Plans To Be Prepared.
GYMNASIUM Cost, $15,000
CEDARVILLE, Modoc Co., Calif.
One-story gymnasium (type of construction not determined).
Owner—Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.

Contract Awarded.
SCHOOL Cont. Price, $64,900
HERMISTON, Oregon.
One and part two-story and basement concrete school building (12 rms.) gymnasium, 90x60 feet; large stage in auditorium, septic tank and sewage disposal system, etc.
Owner—Hermiston School District.
Architect — John Tourtellotte, Postal Bldg., Portland.
Contractor—Quinn Constr Co., Couch Bldg., Portland, Oregon.

Contract Awarded.
INFIRMARY Cont. Price, $51,215
CORVALLIS, Oregon. Oregon State College Campus.
Three-story reinforced concrete infirmary (brick exterior) 121x42 ft.
Owner—State of Oregon.
Architect—John V. Bennes, 712 Lewis Bldg., Portland.
Contractor—Wm. and L. L. Quigley, 4316 SE Ash St., Portland, $104,950.

Contract Awarded.
SCHOOL BLDG. Cont. Price, $86,198
MONMOUTH, Oregon (State Normal School).
Three-story administration and classroom building (brick construction)
Owner—State of Oregon.
Architect—J. B. Bennes, Lewis Bldg., Portland, Oregon.
Contractor—Williams & L. L. Quigley, 4316 S. E. Ash St., Portland.

Award Approved
LIBRARY Cont. Price, $54,033
SUNNYVALE, Santa Clara Co., Calif.
One-story reinforced concrete library and swimming pool (tile roof).
Owner—Fremont Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—C. N. Swenson, 355 Stockton Ave., San Jose.
The PWA has approved award of contract to Mr. Swenson at $54,033, contract including plumbing and heating.

CONTRACT AWARDED
TEMPE, Ariz.—Howe Brothers, 1138 San Pedro St., Los Angeles, awarded contract by Arizona State Teachers' College, Tempe, at $70,815 for construction of a central steam heating plant, distribution system for steam heating, hot and cold water and gas lines, and auxiliary hot water heating services at the college in Tempe, a PWA project.

Contracts Awarded.
WIND TUNNEL BLDG. Cost, $120,000
SEATTLE, Wash. Campus of University of Washington.
Heavy reinforced concrete aerodynamics building (brick and cast stone facing, glazed terra cotta block interior walls, etc. (power to drive air stream through 12x8-ft. tunnel, etc.)
Owner—State of Washington.
Architect—Bebb & Gould, Hoge Bldg., Seattle.
Contractor — Daily Construction and Engineering Co., Lloyd Bldg., Seattle, $62,872.
Mechanical Equipment—Westinghouse Elec. & Mfg. Co., Lloyd Bldg., Seattle, $34,980.
Electric Machinery—H. R. L. Motor Co., 2301 First Ave., South, Seattle, $12,884.

Contract Awarded.
SCHOOL Cost, $93,956
ENUMCLAW, Washington.
Masonry addition to high school plant (gymnasium, auditorium, stage, cafeteria, mechanics room, shower rooms, study hall, etc.)
Owner—School District 216, John F. Hansen, Clerk.
Architect—Wm. Mallis, Lyon Bldg., Seattle.
Contractor — A. S. Hansen Co., 2200 25th St. So., Seattle.
Plumbing and Heating — MacBoyker, Kent, $26,195.

Award Recommended
GYMNASIUM Cont. Price, $37,228
RED BLUFF, Tehama Co., Calif.
Gymnasium for high school.
Owner—Red Bluff Union High School District.
Architect—Dragon and Schmidts, 2008 Allston Way, Berkeley.
Contractor—N. H. Sjoberg & Son, 5664 E 16th St., Oakland.
Recommendation has been made to the PWA that contract be awarded N. H. Sjoberg & Son at $37,228, accepting alternates 1 and 2.

Bids Rejected
HIGH SCHOOL Cost, $75,000
GUSTINE, Merced Co., Calif.
One-story frame and stucco high school (steel trusses in auditorium) four classrooms, auditorium to seat 500 and cafeteria.
Owner — Gustine Union High School District.
Architects—W. G. Corlett and E. A. Russ, 1801 Bank of America Bldg., Oakland.
Plans will probably be revised and new bids asked.
On bid opening lowest bid was submitted by Carl N. Swenson, 355 Stockton Ave., San Jose, at $96,867.

Award Approved
ADDITION Cost, $82,737
LOS GATOS, Santa Clara Co., Calif.
Addition to high school (8 classrooms and music department) reinforced concrete construction).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 525 Market St., San Francisco.
The PWA has approved award of contracts as follows:
General Contract—J. D. Carlson, 1321 Sierra Ave., San Jose, Alternate 1-b, $82,737 (work complete omitting choral room).
Heating and Plumbing—Scott Co., 113 Tenth St., Oakland, $9,679.

Plans Being Completed.
GYMNASIUM Cost, $20,587
SAN LUIS OBISPO, Cal. High School Campus.
One-story gymnasium (72x144 feet); steel frame structure, masonry walls, steel sash, maple floors, two sun decks, tile roof, electric wiring, metal skylights, stucco exterior, etc.
Owner — San Luis Obispo Board of Education.
Architect—Louis N. Crawford, Jones Bldg., Santa Maria.
Structural Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

LOW BIDDER
LONG BEACH, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, submitted low bid to the Long Beach board of education at $109,498, for the construction of the Whittier elementary school. R. D. Van Alstine, structural engineer, 410 E 9th St. and D. E. Herrald, architect, 732 Pine Ave., Long Beach.

PREPARING PLANS
BARSTOW, San Bernardino Co., Cal.—Architect E. C. Parke, 657 N. 8th St., Colton, will start preparation of working drawings shortly for a proposed new high school plant to be built in Barstow for the Barstow Union High School District. Application has been made to the PWA for a 45% grant and the district will hold an election in January for the purpose of voting on a bond issue to provide funds for the improvements. The plant will consist of a combination auditorium and gymnasium building, a classroom and administration building and a shop building. They will be reinforced concrete structures with tile roofing, steel sash, low pressure steam heating system, ventilating equipment in auditorium, etc. Cost, $145,000.

Bids Opened.
HIGH SCHOOL Cost, $69,85
CAMPBELL, Santa Clara Co., Calif Campbell Avenue.
One - story reinforced concrete high school (12 classrooms).
Owner—Campbell High School Distric (Mrs. Louis Sbelley, clerk).
Architect—W. H. Weeks, 525 Market St., San Francisco.
Low Bidder—Villadsen Brothers, 114 Winsor, Piedmont.
Complete bids follow:

General Work

(1) add for termite control;
(2) outside walls, only;
(3) deduct for omitting roof tile.

Villadsen Bros., Piedmont	(1)	$51,500
	(2)	600
	(3)	23,900
		650
N. J. Nielsen, San Jose	(1)	$51,700
	(2)	375
	(3)	13,200
		645
C. N. Swenson, San Jose	(1)	$53,761
	(2)	300
	(3)	22,700
		732
Summers Const. Co., San Jose	(1)	$61,995
	(2)	300
	(3)	25,874
		760
C. L. Weld Const. Co., S. F.	(1)	$62,280
	(2)	30
	(3)	21,616
		870
N. H. Sjoberg & Son, S. F.	(1)	$63,764
	(2)	345
	(3)	25,474
		858
O. M. Rousseau, S. F.	(1)	$68,650
	(2)	459
	(3)	28,000
		700

Plumbing and Heating

(1) Roughing in heating only deduct

Wm. F. Serpa, 497 N-13th St. San Jose		$ 6,695
	(1)	1,399
Scott Co., San Francisco		6,952
	(1)	1,806
Pacific Heating & Ventilating Co., Oakland		6,990
	(1)	1,260
George C. Bell, Oakland		7,048
	(1)	2,570
A. J. Peters, San Jose		7,650
	(1)	1,060
Carl T. Doell, Oakland		7,997
	(1)	2,378

Preliminary Plans Being Prepared.
GYMNASIUM Cost, $20,000
SANTA CRUZ, Santa Cruz Co., Cal. Branciforte School.
One - story frame and stucco gymnasium (structural steel frame and trusses, concrete footings, stud walls, wood sash, maple floors, composition roofing, etc.)
Owner—Santa Cruz Jr. High School District.
Architect—John J. Donovan, 950 Parker St., Berkeley.
Application filed with the WPA and upon approval construction will start.

PREPARING PLANS
BARSTOW, San Bernardino Co., Cal.—Architect E. Charles Parke, 537 N. Eighth St., Colton, is preparing working drawings for a new classroom and auditorium building to be built in Barstow for the Barstow Grammar School District. The district in October voted bonds for financing the building and the PWA has approved a 45% grant. It will be a reinforced concrete structure with composition roof, steel sash, low pressure steam heating system, etc. Cost, $93,000.

Contract Awarded
SCHOOL Cont. Price, $52,685
WARM SPRINGS, Alameda Co., Calif.
One-story frame and stucco grammar

school (six classrooms, domestic science room & auditorium) composition roofing, tile trim, steam heating system, wood floors, etc.
Owner — Warm Springs Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor—G. M. Latta, 157 Rhodes Court, San Jose.

LOW BIDDER

LOS ANGELES, Cal.—Blystone and Van Tuyle, Brea, submitted low bid to the Loara School District Dec. 10 at $35,000 for construction of a new school building in the Loara district, west of Anaheim, a PWA project. R. M. Bates, Jr., 664 S. Sycamore Ave., Los Angeles, architect.

CONTRACT AWARDED

FULLERTON, Orange Co., Calif.—John Strona, Philadelphia and East End Avenues, Pomona, awarded contract by Fullerton Union High School District at $132,948 for construction of a new classroom building on the junior college site in Fullerton, a PWA project. Harry K. Vaughn, architect.

Contract Awarded

SCHOOL Cost, $26,900
VIRGINIA CITY, Nevada.
One-story frame and stucco school.
Owner—Virginia City School District.
Architect—Not Given.
Contractor—Vaninetti Bros., Reno.

Low Bidder.

SCHOOL BLDG. Cost, $90,000
MONMOUTH, Oregon (State Normal School).
Three-story administration and classroom building (brick construction)
Owner—State of Oregon.
Architect—J. B. Bennes, Lewis Bldg., Portland, Oregon.
Low Bidder: William & L. L. Quigley, $99,130. 4316 S. E. Ash St., Portland, Ore.

BONDS DEFEATED

SAN DIEGO, Calif.—San Diego voters defeated bond issue December 10, in the amount of $2,500,000. Proceeds were to have financed construction of school improvements in San Diego.

Contract Awarded.

SCHOOL Cont. Price $13,841
SALINAS, Monterey Co., Calif.
One-story frame grammar school (3 classrooms) wood siding.
Owner—Prunedale Elementary School District
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F W. Kellberg, 320 Market St., San Francisco.
Contractor — Wm. J. Charters, Salinas.

New Bids Wanted—To Close Dec. 28. 2 P. M.

HIGH SCHOOL Cost, $125,000
ARBUCKLE, Colusa Co., Calif.
One - story reinforced concrete high School (10 classrooms, auditorium to seat 750, gymnasium, shop) flat composition roofing, steam heating system, maple floors, wood and steel sash, etc.)
Owner — Pierce Union High School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Award Recommended

SCHOOL Cont. Price, $23,672
ORICK, Humboldt Co., Calif.
One - story school building (two classrooms, typing department, chemistry laboratory, lunch room, kitchen.
Owner—Orick Elementary School District (Robert S. Davison, Clerk).
Architect—F. T. Georgeson, Eureka.
Contractor—F. J. Maurer & Son, Inc., Eureka.

Bids Opened.

GYM. & SHOPS Cost, $60,000
SELMA, Fresno Co., Cal. Campus of Selma High School.
Gymnasium and shop building (reinforced concrete construction).
Owner — Selma Union High School District.
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—W. J. Ochs, Pacific Southwest Bldg., Fresno.
Complete bids follow:

W. J. Ochs	$62,715
Fisher & McNulty	63,579
Midstate Const. Co.	64,014
R. P. Moore	64,777
Trewhitt-Shields & Fisher	69,421

All bidders of Fresno.
Bids held under advisement.

Bids Opened.

SCHOOL Cost, $30,000
SALINAS, Monterey Co., Calif.
One-story frame and stucco grammar school (3 classrooms, auditorium to seat 250).
Owner—Alisal Grammar School Dist.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Low Bidder—H. C. Geyer, 946 Hellam St., Monterey.
Complete bids follow:

Harold C. Geyer, Monterey	$27,274
P. T. Wallstrom, Watsonville	27,340
Albert Staton, Salinas	29,978

Wm. J. Charters, Salinas (bid (incomplete, not considered).
Recommendation made to PWA that the contract be awarded to Mr. Geyer at $25,000, accepting some alternates.

CONTRACT AWARDED

ORANGE CO., Cal.—Steed Brothers, 5 South Stoneman Avenue, Alhambra, awarded contract by Centralia School District at $42,200 for construction of a new school district on Hansen Rd., five and one-half miles west of Anaheim, a PWA project. R. M. Bates, Jr., 664 S. Sycamore Ave., Los Angeles, Architect.

New Bids Wanted—To Close Dec. 30, 8 P. M.

SCHOOL Cost, $90,909
SAN RAFAEL, Marin Co., Cal. Fourth and E Streets.
One-story frame and stucco grammar school (ten classrooms and auditorium to seat 500).
Owner—San Rafael School District.
Architect—N. W. Sexton, deYoung Bldg., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $10.00.
On previous bid opening lowest bid was submitted by DeLuca & Son, San Francisco, at $98,976.
Complete bids published Dec. 10.

CONTRACT AWARDED

SAN FRANCISCO—Heywood Wakefield Co., 180 New Montgomery St., at $4,425.60 awarded contract by the Department of Public Works for furnishing and installing chairs in the auditorium of the Girls' High School, Scott and O'Farrell Streets.

Award Recommended

SCHOOL Cost, $15,000
SALINAS, Monterey Co., Calif.
One - story frame grammar school (3 classrooms) wood siding.
Owner—Prunedale Elementary School District.
Architect—Chas. Butner, 51 Maple St., Salinas.
Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Contractor—John Charters, King City $13,500.
Recommendation made to PWA that contract be awarded to Mr. Charters.

Site Selected

JUNIOR HIGH SCHOOL Cost, $——
EL CERRITO, Contra Costa Co., Cal. Balra Tract.
New junior high school.
Owner—El Cerrito Junior High School District.
Architect—Not Selected.
Financing arrangements are now being discussed.

Plans Being Figured

AUDITORIUM Cost, $——
HONOLULU, T. H.
Two - story concrete and steel auditorium for Kamehameha School (stucco exterior, metal lath and plaster interior partitions, tile roof concrete floors, Standard plumbing goods, etc.)
Owner—Kamehameha School.
Architect—C. W. Dickey, Honolulu.

Bids Rejected

ASSEMBLY Cost, $31,500
OAKLAND, Alameda Co., Cal. Brann and Morton Streets.
One-story frame and stucco assembly at Sherman School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Complete bids published Dec. 6.

Bids Rejected

ASSEMBLY Cost, $31,250
OAKLAND, Alameda Co., Calif. Chabot Road and Patton Street.
One-story frame and stucco assembly at Chabot School (to seat approximately 400) asbestos shingle roof.
Owner—Oakland Board of Education.
Architect—W. G. Corlett, Oakland Board of Education.
Only bid was submitted by B. A. Howkins, 1182 Market St., San Francisco, at $35,375 with an alternate of $7000 to be added for alterations to the existing building.

Award Recommended

ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Calif. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect—Bakewell and Weihe, 251 Keary St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.
Complete bids published Nov. 27.

Low Bidder.

ADDITION Cost, $118,181
CAMAS, Washington.
Alterations and additions to high school (2-story and basement concrete and brick addition).
Owner—Camas School District.
Architect—D. J. Stewart, 707 Main St., Vancouver.
Low Bidder—A. S. Hansen Co., Seattle, $107,782.
Plumbing and Heating—H. C. Hastorf, Inc., Portland, $27,927.
Electric—NePage-McKenny Co., Seattle, $10,950.

Low Bidder.

INFIRMARY Cost, $90,000
CORVALLIS, Oregon. Oregon State College Campus.
Three - story reinforced concrete infirmary (brick exterior) 124x42 ft.
Owner—State of Oregon.
Architect—John V. Bennes, 712 Lewis Bldg., Portland.
Low Bidder—Wm. and L. L. Quigley, 4316 SE Ash St., Portland, $104,950.

Low Bidder.
PHYSICAL EDUCATION BLDG
Cost, $251,000
EUGENE, Oregon.
Three-story physical education bldg. (administrative offices, assembly room and classrooms, basketball courts, handball courts, rooms for boxing, wrestling, etc.)
Owner—University of Oregon.
Architect—Lawrence, Holford and Allyn, Failing Bldg., Portland.
Low Bidder—R. B. Hammond Spaulding Bldg., Portland, $397,907

Contract Awarded
HIGH SCHOOL Cont. Price, $622,610
SALEM, Oregon.
Two - story brick and concrete high school (60 classrooms, auditorium, gym. and cafeteria) brick veneer exterior, steam heating system, wood floors, acoustical treatment, slate blackboards, fire escapes, tile and linoleum flooring, metal furniture, ornamental iron.
Owner—Salem School District No. 24, 463 Ferry St., Salem
Architect—Knighton & Howell, U. S. Bank Bldg., Portland.
Contractor—Hoffman Const. Co., 715 SE Columbia St., Portland.

Bids Opened
SCHOOL Cost, $110,000
SALINAS, Monterey Co., Calif.
One - story wood frame school building (11 classrooms and auditorium to seat 600; gymnasium with steel trusses and columns).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Low Bidder—Frank J. Reilly, 6350 Fulton St., San Francisco.
Complete bids follow:
(1) add for glazed tile flooring;
(2) add for glazed tile wainscot;
(3) deduct for omitting the plumbing, heating, electrical work and sheet metal.

F. J. Reilly, San Francisco		$92,331
	(1)	535
	(2)	750
	(3)	16,717
Harold C. Geyer, Monterey		$93,237
	(1)	370
	(2)	559
	(3)	18,324
C. L. Wold Const. Co., S. F.		$95,977
	(1)	288
	(2)	468
	(3)	16,667
Carl N. Swenson and D. Bostrom, San Jose		$100,879
	(1)	435
	(2)	526
	(3)	16,682
E. Nommenson, San Jose		$101,325
	(1)	456
	(2)	522
	(3)	16,421

Plumbing, Heating, and Sheet Metal

Phillips Plumbing and Heating Co., 215 Monterey St., Salinas	$17,739
Anderson - Dougherty - Hargis Co., Salinas	18,271

Electric

Chas. Langlais, 472 Tehama St., San Francisco	$5,532

Bids Opened
SCHOOL Cost, $135,000
MARIPOSA, Mariposa Co., Calif.
Additions to high school (conc. foundations, frame and stucco construction, tile roof, etc.)
Owner—Mariposa High School Dist.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Low Bidder—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Electric—American Electric Const. Co. 462 Bryant St., San Francisco.
Heating—M. J. Reeves Heating Co., 959 Natoma St., San Francisco.
Bids were taken as follows:

General Work

(1) Work complete, including septic tanks and all other work not included in heating and electric work;
(1a) Deduct for omitting four outstanding tables in cooking laboratory.
(1b) Add for building gymnasium, completing exterior only, omitting all interior finish, etc.;
(1c) Add if gymnasium is fully completed, not including heating and electric work.

Heating

(2) Heating and ventilation of high school building, not including heating of gymnasium;
(2a) Add for heating and ventilation of gymnasium.

Electric Work

(3) All electric work for high school building, including electric light fixtures in corridors, toilets and main auditorium;
(3a) Add for all lighting fixtures omitted in Proposal (3);
(3b) Add for electric wiring and lighting fixtures in gymnasium bldg.

Complete bids follow:

General Work

Wm. Spivock, S. F.	(1)	$114,900
	(1a)	800
	(1b)	18,400
	(1c)	8,350
L. S. Peletz, Stockton	(1)	$118,000
	(1a)	300
	(1b)	21,[illegible]
	(1c)	13,400
H. H. Henning, Stockton	(1)	$121,728
	(1a)	400
	(1b)	20,700
	(1c)	28,000
A. Nelson, Inc., S. F.	(1)	$133,000
	(1a)	1,200
	(1b)	24,500
	(1c)	6,000

Heating

M. J. Reeves Heating Co., San Francisco	(2)	$13,590
	(2a)	2,520
W. A. Aschen, Oakland	(2)	$14,675
	(2a)	2,835
Scott Co., S. F.	(2)	$14,787
	(2a)	2,758
Pacific Heating & Ventilating Co., Oakland	(2)	$14,995
	(2a)	2,875

Electric Work

American Elec. Const. Co., San Francisco	(3)	$ 6,098
	(3a)	615
	(3b)	1,439
Eddy Elec. Co., Stockton	(3)	7,724
	(3a)	445
	(3b)	1,540
Scott - Buttner Electric Co., Oakland	(3)	$ 7,776
	(3a)	623
	(3b)	1,778
Wm. Spivock, S. F.	(3)	$ 8,155
	(3a)	350
	(3b)	1,854
Electric Const. Co.	(3)	$ 8,634
	(3a)	748
	(3b)	2,080
H. F. Haverkamp, S. F.	(3)	$ 9,860
	(3a)	652
	(3b)	2,225

Award has been recommended to Wm. Spivock on Proposal 1, at $114,900, and to the American Elec. Const. Co. on Proposals 3 and 3a, at $6,713.

All bids on the heating were rejected, and the work will be readvertised.

LOW BIDDER
PLACENTIA, Los Angeles Co., Cal.—C. L. Wurster, 902 East 59th St., Los Angeles, submitted low bid to Placentia School District, at $47,630, for one-story school building to be erected at the Bradford Avenue School, Placentia, a PWA project. T. C. Kistner, 814 Architects' Bldg., Los Angeles, Architect.

LOW BIDDER
BELL, Los Angeles Co., Cal.—Raphael Co., 270 Tehama St., San Francisco, submitted low bid to Los Angeles Board of Education, at $7498, for painting and miscellaneous work on the main building at Bell School, 4326 Bell Avenue, Bell.

Low Bidders
SCHOOL Cost, $116,000
SKYKOMISH, Washington.
School building (14 classrooms, gymnasium, auditorium, stage, alterations to vacuum heating plant).
Owner—School Dist. 193, King County, Skykomish, Wash.
Architect—William Mallis, Lyon Bldg., Seattle.
Low Bidder—William Petersen, 2940 Eastlake, Seattle, $98,921.
Plumbing and Heating—Ashwell Twist Co., 967 E. Thomas, Seattle, $17,184.

Low Bidders
TRAINING SCHOOL Cost, $284,000
CHENEY, Washington.
Two-story brick and concrete training school (hollow tile partitions, terrazzo window stools and corridors, floors, plastered interior walls, flat roof, heating from high pressure line, etc.)
Owner—Cheney Normal School (R. T. Hargreaves, President).
Architect—Geo. M. Rasque and C. I. Carpenter, Spokane Savings and Loan Bldg., Spokane.
Low Bidder—A. F. Mowat, McDowall Bldg., Seattle, $188,936.
Plumbing and Heating—A. G. Rushlight, Seattle, $23,757.
Electric—Tinling & Powell, Spokane $9,800.

BOND ELECTION
LATON, Fresno Co., Calif.—Laton Joint Union High School District will vote December 31st on a proposal to issue bonds in the amount of $28,000 to finance construction of an auditorium and gymnasium at the Laton Joint Union High School.
Application filed with the WPA.

BONDS DEFEATED
PASO ROBLES, San Luis Obispo Co., Calif.—Paso Robles Union High School District defeated bond issue in the amount of $18,000. Proceeds were to have financed construction of a 1-story brick gymnasium at the high school, total cost of which was estimated at $36,000. Preliminary plans prepared by Architect Orval Clark, 359 N. Ridgewood Place, Los Angeles.
Bids were opened for the construction of the building, lowest bid being submitted by F. C. Stolte Co., 3449 Laguna Ave., Oakland, at $41,900.

Bids Opened.
SHOPS Cost, $——
SAN FRANCISCO. Fillmore Street bet. Bay and Chestnut Sts.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St.; W. P. Day, Financial Center Bldg., and John Bakewell, Jr., 251 Kearny Street.
Complete bids follow:

Segregated General

Anderson & Ringrose, 320 Market St., $218,000.
(1) Excav. and backfilling to depth not to exceed five feet add $1.00.
(2) Do deduct, 50c.
(3) Plain concrete, one to 5.75 mix, add $15.00.
(4) Do deduct $7.50.
(5) Plain concrete on to 6.5 mix, add $15.00.
(6) Do deduct, $7.50.
(7) Reinforcing steel, per lb. add 6c

(8) Do deduct, 3c.
(9) Forms for 5.75 mix concrete, per sq. ft. of contact surface, add 14c
(10) Do deduct, 7c.
(11) Forms for 6.5 mix concrete per sq. ft. contact surface, add, 14c.
(12) Do deduct, 7c.

Work Complete, Including Mechanical Plumbing and Electric

MacDonald & Kahn, Financial Center Bldg. .. $245,542.00
(2) .70
(3) .40
(4) 16.00
(5) 5.00
(6) 14.00
(7) 7.00
(8) .08
(9) .04
(10) .16
(11) .08
(12) .18
.09

Mechanical Equipment and Plumbing

F. W. Snook, 596 Clay St. $23,545
Herman Lawson 23,980
Skelly & Kohler 24,336
Scott Company 24,843
M. J. Reeves Heating Co. 25,415
O'Mara & Stewart 29,727

Electrical Work

United Elec. Constr. Co., 1190 Bryant Street $ 8,147
G. H. Armstrong 8,547
Aptos Electric Co. 9,482
Lynn & Heffernan 9,660
Abbett Electric Co. 10,494
Victor Lemoge 10,933

Bids held under advisement.

Only one bid was submitted on the segregated general and on the work **complete.**

Bids Opened.

GYMNASIUM Cost, $241,000
TULARE, Tulare Co., Calif.
Two new classroom buildings and repairs to gymnasium and central heating plant.
Owner—Tulare High School District (W. B. Knokey, Supt. of Schools)
Architect—W. D. Coates, Rowell Bldg. Fresno.
Low Bidder—A. Nelson Inc. 242 Ocean Ave., San Francisco, $305,670.
Complete bids follow:
(1) General contract:
(a) Concrete per c.y. add or deduct;
(b) Deduct for heating plant;
(c) Deduct for boiler house;
(d) Deduct for academic building;
(e) Deduct for assembly building;
(f) Add for curtains;
(g) Add for lockers;
(h) Add for kitchen equipment;
(i) Add for laundry equipment;
(j) Add for chairs (each);
(k) Additional electrical work.

A. Nelson, Inc., S. F. $305,670.00
(a) 26.00
(b) 29,900.00
(c) 27,000.00
(d) 105,000.00
(e) 173,676.00
(f) 2,200.00
(g) 2,300.00
(h) 3,600.00
(i) 2,000.00
(j) 6.75
(k) 1,200.00

W. J. Cohs, Fresno $333,655.00
(a) 18.00
(b) 25,441.00
(c) 21,441.00
(d) 128,135.00
(e) 184,079.00
(f) 2,500.00
(g) 2,700.00
(h) 4,000.00
(i) —
(j) 8.00
(k) 1,500.00

Bids exceeded available funds and were rejected. New bids on segregated contracts will be received January 10 at 2 P. M.

Contract Awarded

SCHOOL Cont. Price, $31,427
DEL REY, Fresno Co., Calif.
One - story frame and stucco school building (six classrooms and auditorium to seat 500) tile roof, gas heating system, wood floors, etc.
Owner—Prairie School District.
Architect—Fred L. Swartz, Brix Bldg. Fresno.
Contractor—T. C. Irwin, 269 Fulton St. Fresno.
Plumbing—B. A. Newman, 320 North H St., Fresno, $3,165.
Complete bids published Dec. 17.

Bids Opened

ADDITION Cost, $75,000
ELK GROVE, Sacramento Co., Calif.
Brick, concrete and steel addition to high school (science building and boiler room).
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th Street, Sacramento.
Complete bids follow:
(1) deduct for omitting cafeteria;
(2) total price accepting Alt. 1;
Petersen & Steinbrenner, Sacramento $110,365
(1) 43,477
(2) 66,388
J. C. Meyers, Stockton $107,111
(1) 39,956
(2) 67,155
Campbell Const. Co., Sacto. $113,858
(1) 46,858
(2) 67,000

Bids held under advisement.

Bids Opened

LIBRARY UNIT Cost, $125,000
SACRAMENTO, Sacramento Co., Cal. Junior College Campus.
Brick library building (first unit of Junior College annex).
Owner—Sacramento School District.
Architect—H. J. Devine, Cronin Bldg., Sacramento.
Low Bidder—Wm. C. Keating, 1121 24th St., Sacramento, $124,920.
Complete bids follow:
Wm. C. Keating, Sacramento $124,920
John Azevedo, Sacramento 125,000
Campbell Const. Co., Sacto. 128,000
Lindgren & Swinerton, S. F. 130,400
K. E. Parker, S. F. 139,440

BIDS OPENED

SAN FRANCISCO.—General Seating Co., 160 Second St., at $2,121.80 submitted low bid to Department of Public Works for stage equipment for the Girls' High School, Scott and O'Farrell Streets.
Complete bids follow:
General Seating Co. $2,121.80
Shearer & Company 2,477.00
American Studios 2,645.00
All bids include tax.

Bid Opening Date Postponed Until January 2, 7 P. M.

SCHOOL Cost, $18,193
ELK GROVE, Sacramento Co., Calif.
One-story brick and steel grammar School.
Owner — Elk Grove Union Grammar School District (E. V. Polhemus, Clerk).
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Bids will be received up to 7 P. M. and opened at 8 P. M. on January 2.
Plans and specifications may be obtained from the architect and from the clerk of the board upon deposit of $25.00.

Contracts Awarded.

SCHOOL Cont. Price, $53,898
WALNUT GROVE, Sacramento Co.
One-story frame and stucco grammar school (7 classrooms and assembly to seat 320).
Owner—Walnut Grove School District.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—Petersen & Steinbrenner Sacramento.
Complete bids published Dec. 18.

Contract Awarded.

GYMNASIUM Cont. Price, $24,488
HILMAR, Merced Co., Calif.
One-story frame and stucco gymnasium.
Owner — Elim High School District (L. C. Anderson, Clerk).
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
Contractor—L. Uhels, Ripon.

Plans Being Prepared.

GYMNASIUM Cost, $40,000
BERKELEY, Alameda Co., Calif.
Boys' gymnasium at Burbank School.
Owner—Berkeley Board of Education.
Consulting Architect—W. C. Ambrose. 244 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.

Preparing Working Drawings.

SCHOOL Cost, $45,000
HILMAR, Merced Co., Calif.
One-story frame and stucco elementary school building(8 classrooms)
Owner—Elim Union School District.
Architcet—Chas. F. Dean, California State Life Bldg., Sacramento.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect H. S. Johnson, 1001 Architects' Bldg., Los Angeles, has been commissioned to prepare plans and specifications for new building and auditorium building to be erected at the Ford Blvd. school, 1150 Ford Blvd., Belvedere Gardens. Cost, $60,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif. -- Architect Kenneth MacDonald, Jr., 3305 Wilshire Blvd., commissioned by Los Angeles board of education to prepare plans and specifications for a new building to be erected at the Los Feliz school, 4737 Hollywood Blvd. Cost, $100,000.

Contract Awarded.

SCHOOL Cont. Price, $79,584
REDDING, Shasta Co., Calif.
One-story frame and stucco grammar school (12 classrooms and auditorium to seat 500).
Owner — Redding Elementary School District.
Architect—Masten & Hurd, 233 Post St., San Francisco.
Contractor—B. A. Howkins & Co., 1182 Market St., San Francisco.
Complete bids published Dec. 5.

16—BANKS, STORES AND OFFICES

Contract Awarded.

MUSIC BLDG. Cont. Price, $19,468
PETALUMA, Sonoma Co., Cal. Petaluma High School.
One-story frame and stucco music building at the high school (54x34 ft.) six practice rooms, storerooms for instruments, heating room, rest rooms, etc.
Owner—Petaluma High School Dist.
Architect—Brainerd Jones, 266 Washington St., Petaluma.
Contractor—Walter Singleton. Petaluma.
Complete bids published Dec. 3.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architects A. R Walker and P. A. Eisen, 108 Pacifice Commerce Bldg., have been retained by the North Vermont Avenue Improvement Assn., in an advisory and consulting capacity, to design a general community scheme for proposed improvements to buildings on North Vermont Ave., between Frank-

lin Ave. and Los Feliz Blvd. between 75 and 80 buildings, with a total frontage of 1960 feet, are involved in the project. Estimated cost of the improvements is $2,500,000. The associaton, headed by Frank H. Partridge, has requested the Los Angeles planning commission to rezone the property.

Contract Awarded.
ALTERATIONS Cost, $1500
SAN FRANCISCO. No. 699 Jackson Street.
Alterations to rstaurant.
Owner—Wong Loy Guey, Premises.
Architect—F. W. Dakin, 625 Market St., San Francisco.
Contractor—Frank Yick, % Architect.

Contract Awarded
ALTERATIONS Cost, $1,500
SAN JOSE, Santa Clara Co., Calif. 215 South First Street.
Alterations to store front.
Owner—Conservative Realty Company.
Architect—Not Given.
Contractor—Bert P. Ward & Son, 1139 Lincoln Ave., San Jose.

Plans Being Prepared.
ALTERATIONS Cost, $10,000
SALINAS, Monterey Co., Calif.
Alterations to six-story building (alterations for new offices, etc.)
Owner—Salinas National Bank.
Architect—C. J. Ryland, Spazier Bldg. Monterey.

Contract Awarded
STORE Contract Price, $9,482
SAN JOSE, Santa Clara Co., Cal. Post Street and Almaden Avenue.
One - story reinforced concrete store building.
Owner—William Berger.
Architect—Binder & Curtis, 25 W. San Carlos St., San Jose.
Contractor—Guy M. Latta, 157 Rhodes Court, San Jose.
Complete bids published Dec. 3.

COMPLETING PLANS
LOS ANGELES, Cal. — Architects A. R. Walker and P. A. Eisen, 703 Pacific Commerce Bldg., are completing plans for a one- and two-story reinforced concrete market and store building (186 by 127 ft.) to be erected on the southwest corner of Vermont Ave. and Sixth St. for Jos. Schenck. Plans will probably be ready for bids next week.

Plans Being Prepared.
ALTERATIONS Cost, $——
BURLINGAME, San Mateo Co., Calif. Broadway and Capuchino.
Alterations to offices.
Owner—American Trust Co., 464 California St., San Francisco.
Plans by Engineering Dept. of Owner.

Contract Awarded
ALTERATIONS Cost, $——
PETALUMA, Sonoma Co., Cal. Main and Bridge Streets.
Alterations to building (new front, etc.)
Owner—Pecy Fuller.
Architect—Not Given.
Contractor—A. M. Seeberg, 637 E St., Petaluma.

Contract Awarded.
ALTERATIONS Cost, $2,000
SAN FRANCISCO, Calif. S. W. 16th & Mission Streets.
Alterations to store building.
Owner—John Clarke.
Architect—Not given.
Contractor—Mullen Mfg. Co., 60 Rausch Street.

Planned.
BUILDING Cost, $20,000
STOCKTON, San Joaquin Co., Calif. Hunter & Miner Ave.
One-story brick and steel automobile sales and service building.
Owner—C. M. Menzies, Miner & Hunter Sts., Stockton.
Architect—Not given.
Further details will be announced shortly.

Contract Awarded
ALTERATIONS Cost, $5,000
BERKELEY, Alameda Co., Cal. 2116 Bancroft Way.
Alterations to offices.
Owner—Pacific T. & T. Co., 140 New Montgomery St., San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco.

Contract Awarded
ALTERATIONS Cost, $6,000
STOCKTON, San Joaquin Co., Calif. 28 North Sutter Street.
Alterations to store building.
Owner—Florence and Eva Brooks, 28 North Sutter St., Stockton.
Architect—Not Given.
Contractor—Lewis & Green, Bank of America Bldg., Stockton.

Contract Awarded
ALTER STORE Cst, $3,000
STOCKTON, San Joaquin Co., Calif. 329 East Weber Street.
Alterations to store building.
Owner—A. E. Hodgkins, premises.
Architect—Not Given.
Contractor—J. T. Armstrong, premises

Plans Completed
ALTERATIONS Cost, $4000
SAN FRANCISCO. 1642 Fillmore St.
Alterations to stores.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market.

17— THEATRES

Contract Awarded
ALTER THEATRE Cost, $75,000
SALINAS, Monterey Co., Calif.
Alterations and addition to Fox Theatre (new projection room, remodel interior, new stairs, carpets furnishing, painting, decorating).
Owner—Fox West Coast Theatres, 988 Market St., San Francisco.
Architect—A. A. Cantin, 222 Kearny Street, San Francisco.
Engineer—F. W. Kellberg, 320 Market Street, San Francisco.
Contractor—A. J. Hopper, 1789 Pleasant Valley Road, Piedmont.

Contracts Awarded
ALTERATIONS Cost, $14,000
ROSEVILLE, Placer Co., Calif. Main Street.
Alterations and additions to theatre (work involves interior and exterior alterations, new stage equipment, drapes, curtains, electrical equipment, new carpets, seats, projection room and projection equipment, new wiring, etc.)
Owner—Harvey W. Smith, Roseville.
Architect — Harry Devine, California State Life Bldg., Sacramento.
Contractor—Henry Giesser, Roseville.
Lighting—W. L. Harjes, Roseville.
Bids for the marquee, painting, decorating, seats, carpets, drapes, sound equipment, heating and cooling will be awarded shortly.

18— WHARVES & DOCKS

Contract Awarded.
WHARF, ETC. Cont. Price, $206,747
OAKLAND, Alameda Co., Cal. Outer Harbor.
504-foot extension to wharf (creosoted apron, concrete bulkhead wall, asphalt surfacing, etc.)
Owner — City of Oakland Port Commission.
Plans by Engineering Dept. of Owner.
Contractor—A. W. Kitchen Co., 110 Market St., San Francisco.
Complete bids published Dec. 19.

19—MISC. CONSTRUCTION

Sub-Contracts Awarded
ADMIN. BLDG. & TOLL PLAZA Contract Price, $360,857
OAKLAND, Alameda Co., Calif. On approach to San Francisco - Oakland Bay Bridge.
Administration building (two-story & basement, 75x75-ft.) one-story garage (70x90-ft.) nine toll booths and canopy; 2,000 sq. yds. cement and asphalt concrete paving in toll plaza; administration building will be reinforced concrete with terra cotta exterior; garage and canopy of structural steel and concrete.
Owner—State of California.
Plans by Engineering Department of San Francisco-Oakland Bay Bridge 500 Sansome St., San Francisco.
Consulting Architects—Timothy Pflueger 580 Market Street, San Francisco, Arthur Brown, Jr., 251 Kearny Street, San Francisco, and John J. Donovan, 950 Parker St., Berkeley.
Contractor — Clinton Const. Co., 323 Folsom St., San Francisco.
Plastering—A. Knowles, 982 Bryant St., San Francisco.
Tile—Rigney Tile Co., 3012 Harrison St., Oakland.
Granite—McGilvray - Raymond Concrete Co., 3 Potrero Avenue, San Francisco.
Scales—Fairbanks Morse Co., Spear and Harrison Sts., San Francisco.
Metal Partitions—Munthe Equip. Co., 102 New Montgomery Street, San Francisco.
Vault Doors—Hermann Safe Co., Main and Howard Sts., San Francisco.
Asphalt and Rubber Tile—D. N. & E. Walter Co, 562 Mission, San Francisco.
Sheet Metal—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Marble and Terrazzo—J. E. Back Marble Co., 1333 San Bruno Ave., San Francisco.
Kitchen Equipment—Mangrum & Holbrook Co., 1235 Mission St., San Francisco.
Glass and Glazing—W. P. Fuller and Co., 301 Mission St., San Francisco.
Acoustical Ceiling—Western Asbestos Co., 675 Townsend St., San Francisco.
Architectural Terra Cotta—N. Clark & Son, 116 Natoma St., San Francisco.
Hardware—Maxwell Hdwe. Co., 1320 Washington St., Oakland.
Other awards reported Sept. 16.

CONTRACT AWARDED
SAN FRANCISCO. — Empire Const. Co., Ltd., Russ Bldg., at $16,886 was awarded contract by Public Utilities Commission for additions to Hangars Nos. 3 and 4 at the Municipal Airport.

To Ask Steel Bids
BAKERSFIELD, Kern Co., Calif.—Architect Chas. H. Biggar, 554 Haberfelde Bldg., Bakersfield, will call for bids within a few days for approximately 200 tons of structural steel to be used in contructing a hangar and shop building on the Kern county airport, Bakersfield.

Low Bidder.
ATHLETIC FIELD & GRAND-STAND Cost, $——
SEATTLE, Washington.
Athletic field and grand stand.
Owner—City of Seattle.
Plans by City Engineer, T. R. Beeman, Seattle, Wash.
Low Bidder: Western Construction

Co., Textile Tower, Seattle, $116,-641.

Plans Being Prepared.
PUMPING HOUSE Cost, $5000
HAYWARD, Alameda Co., Calif.
One-story light steel and cement city pumping house (30x60 feet).
Owner—City of Hayward.
Architect—Geo. P. Simonds, 192 Main St., Hayward.
Application filed with WPA.

BIDS WANTED
PASADENA, Los Angeles Co., Cal. —Until December 30, 11 A. M., bids will be received by Pasadena Board of Education for furnishing all labor and materials for the installation of stage curtains and counterweight rigging at the Washington Junior High School. Plans and specifications are on file at 320 E. Walnut St., Pasadena.

BIDS WANTED
SAN FRANCISCO—Until December 24, 10 A. M., bids will be received by Custodian, U. S. Marine Hospital, 14th Ave. and Lake Street for furnishing and installing galvanized sheet iron hood at the Marine Hospital, San Francisco.
Specifications may be obtained from above office.

Planned
SWIMMING POOL Cost, $——
SAN JOSE, Santa Clara Co., Cal. San Jose Country Club.
Reinforced concrete swimming pool (35x75 feet).
Owner—San Jose Country Club (Jos. L. Haskins, chairman of building committee).
Architect—Binder & Curtis, 35 W. San Carlos St., San Jose.

BIDS WANTED
SAN FRANCISCO. — Until Dec. 23, 10:45 A. M., informal bids will be received by Department of Public W'ks for relocating two bungalows at the Aptos Junior High School, Upland Dr. and Aptos Ave.
Further particulars may be obtained from R. A. Chisholm, Supt. of Public Buildings, 484 11th St.

PLANNED
IDAHO — Rural Electrification Administration has signed contracts with Northern Idaho Rural Electrical Rehabilitation Association, Inc., Naples, Idaho, to finance power line construction in Bonner and Boundary Counties. One contract is for a loan of $35,750 to build 35 miles serving 72 customers and the other is for $54,000 for 40 miles of line to serve 248 customers. Mountain States Power Co. will supply current at wholesale rates to the district.

Contract Awarded
MUSEUM, ETC. Cost, $——
PENDLETON, Oregon.
Two-story and basement museum and community house (77x150-ft.)
Owner—John Vert Community Assn.
Architect—Jones & Marsh, Woodlark Bldg., Portland.
Contractor—Wm. and L. L. Quigley, 4316 SE Ash St., Portland, $72,000.

BIDS WANTED
LONG BEACH, Cal.—Francis Gentry, structural engineer, Jergins Trust Bldg., Long Beach, is taking bids for the first unit of a mausoleum building to be built at Westminster Memorial Park, east of Long Beach. The first unit will contain 350 crypts and will be of reinforced concrete construction with a concrete and composition roof, marble and travertine floors and walls, copper skylights, art glass, bronze grilles, steel sash, etc. Cost, $75,000.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED
OAKLAND, Alameda Co., Cal.—Federated Metals Co., 75 Folsom St., San Francisco, at $92 per ton, total $1600 awarded contract by the East Bay Municipal Utility District under Proposal No. 705, for furnishing 50 tons of pig lead in 100-lb. bars, f.o.b. Corporation Yard.
Bunker Hill Mining & Concentrating Co. submitted an identical bid and the only other received.

BIDS OPENED
OAKLAND, Alameda Co., Cal.—Smith Lumber Co., 19th Ave. and Estuary, Oakland, at $4620 submitted low bid to the East Bay Municipal Utility District, under Proposal No. 704, for furnishing 72,000 lin. ft. of rough Oregon Pine lumber f.o.b. Corporation Yard.

Smith Lumber Co.	$4620
Bay City Lumber Co.	4780
E. K. Wood Lumber Co.	4815
San Pablo Lumber Co.	4840
Sunset Lumber Co.	4840
Hogan Lumber Co.	4840
Loop Lumber & Mill Co.	4840
Melrose Lumber & Supply Co.	4953
Oakland Lumber Co.	5060
Swift Lumber Co.	5720

BIDS OPENED
OAKLAND, Calif. — Neptune Meter Co., 320 Market St., San Francisco, at $8,423.63 submitted the only bid received by East Bay Municipal Utility District, Oakland, under Spec. No. 703 for furnishing repair parts for Triton meters.

CONTRACT AWARDED
SAN FRANCISCO — San Francisco Paving Co., 6565 Third St., at $0.25 per cu. yd., awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. UR 1484, for furnishing approximately 20,000 cu. yds. quarry waste macadam material.

BIDS OPENED
LOS ANGELES, Cal.—Bids for furnishing steel ribs for 10-ft. diameter tunnels under Spec. No. 139 were opened by the Metropolitan Water District Dec. 16. The items were:

SCHEDULE NO. 1

(1) 1000 only standard steel ribs for 10-ft. dia. tunnels, each rib consisting of two sections of 5-in., 10-lb. standard I-beams, complete with accessories;
(2) 400 only long steel ribs for 10 ft. dia. tunnels, each rib consisting of two sections of 5-in., 10-lb. standard I-beams, complete with accessories, fob cars and/or trucks bidder's plant;

SCHEDULE NO. 2

(3) standard steel ribs for 10-ft. dia. tunnels, each rib consisting of 2 sections of 5-in., 10-lb. standard I-beams;
(3a) 200 only ribs fob cars at Highland Park, Calif., or fob trucks at west portal San Rafael No. 1 or east portal San Rafael No. 2 tunnels;
(3b) 200 only ribs fob cars at Sierra Madre or fob trucks at west portal Monrovia No. 4 tunnel;
(3c) 200 only ribs fob cars at Monrovia or trucks at west portal of Monrovia No. 3 tunnels;
(3d) 400 only ribs fob cars at Las Lomas, Calif., or trucks at Fish Canyon adit portal, Monrovia No. 3 tunnel;
(4) long steel ribs for 10 ft. diameter tunnels, each rib consisting of 2 sections of 5-in., 10-lb. standard I-beams;
(4a) 200 only ribs fob cars at Monrovia or fob trucks at west portal of Monrovia No. 3 tunnel;
(4b) 200 only ribs fob cars at Las Lomas or fob trucks at Fish Canyon adit portal, Monrovia No. 2 tunnel.

The bids were:
Consolidated Steel Corp., Ltd.—Schedule No. 1: (1) $10.49 each; (2) $10.81; $14,814 total; fob 6500 E. Slauson Ave., Los Angeles. Sched. 2: (3) $10.94 (3b) $10.94 (3c) $10.94 (3d) $10.-83 (4a) $11.19 (4b) $11.20; $15,374 total. No use tax. No discount. Fob trucks.
Commercial Shearing & Stamping Co.—Schedule No. 1 (1) $7 (2) $7.21; $9884 total; fob Youngstown, O. Schedule No. 2 (no bid). Discount, ½ of 1% 10 days.
Youngstown Steel Car Corp.—Sched. No. 1: (1) $8.44 (2) $8.75; $11,940 total; fob Niles, Ohio; discount, ½ of 1% 20 days. Sched. No. 2 (fob cars): (3a) $12.13 (3b) $12.13 (3c) $12.13 (3d) $12.13 (4a) $12.55 (4b) $12.55; $17,150 total; discount, ½of 1% 20 days.
Pacific Coast Steel Corp.—Sched. No. 1: (1) $10.08 (2) $10.32; $14,208 total; fob oLs Angeles. Sched. No. 2 (no bid). No discount.

BIDS OPENED
MONTROSE, Colo. — Following bids received by the Bureau of Reclamation, Denver, Dec. 16, under Spec. No. 752-D, for furnishing structural steel supports for five metal flumes, Uncompahgre Project, Colo.:
Midwest Steel & Iron Works Co., Denver; fob Montrose, $4,287.
Virginia Bridge & Iron Co., Roanoke, fob Memphis, Tenn., $3,315.
Worden-Allen Co., Milwaukee; fob Montrose, $4,765.
Minneapolis-Moline Power Imp. Co., Minneapolis, $3,750.
J. W. Beam, Denver, fob Peotone, Ill., $3,700.
Kansas City Structural Steel Co., Denver; fob Kansas City, $3,595.
Paxton & Vierling Iron Works, Omaha, $4,100.
Jos. T. Ryerson & Son, Inc., Chicago, $3,052.
E. Burkhardt & Sons, Denver, $4,-986.
Hardesty Mfg. Co. Denver fob Montrose, $6,360.
Pennsylvania Iron & Steel Co., Los Angeles, fob Montrose, $5,971.
Bids held under advisement.

BIDS OPENED
MESA, Ariz.—Following bids received by the Bureau of Reclamation, Denver, Dec. 16, for furnishing motors, replacement parts, and gate position indicators for alterations to nine radial gates and hoists now installed in the spillway of the Stewart Mountain Dam, Salt River Project, Arizona:
Omaha Steel Works, Omaha, $9,675.
D. J. Murray Mfg. Co., Wausau, Wis., $10,315.
Consolidated Steel Corp., Ltd., Los Angeles, $10,900.
Hardie Tynes Mfg. Co., Birmingham, Ala., $9,886.
Long Beach Iron Works, Long Beach Calif., $11,660.
Joshua Hendy Iron W'ks, San Francisco (fob Sunnyvale) $10,900.
Provo Foundry & Machine Co., Salt Lake City (fob Provo) $11,600.
John W. Beam, Denver, $13,000.
Valley Iron Works, Yakima, Wash., $10,200.

December 19, 1935

CONTRACT AWARDED
SAN FRANCISCO—John A. Roebling's Sons Co., 646 Folsom St., San Francisco, at $0.0924 for 6-pair, and at $0.12348 for 12-pair awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1480, for furnishing underground cable for the Department of Electricity.

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION SERVICE

BOULDER CITY, Nev.—Until Dec. 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 754-D, for furnishing and delivering fob cars at the shipping point and or Boulder City, three or six 30-in. motor-operated gate valves for installation in the station service penstock at the Boulder Power Plant, Boulder Canyon Project. The valves will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25 not returnable.

BOULDER CITY, Nev.—Until Jan. 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 755-D, for furnishing and delivering fob cars at the shipping point and/or Boulder City, two ventilating duct systems and two motor-driven exhaust fans for the Arizona and Nevada tunnel plug outlet works and four ventilating duct systems and four motor-driven exhaust fans for the upper and lower Arizona and Nevada penstock tunnels at the Boulder Dam, Boulder Canyon Project.

The materials will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $1.50 not returnable.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until Dec. 26, 8 P. M., bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal No. L. S. 162, for electric welding of steel joints on 33,000 feet of 6-inch steel pipe for the distribution system, aggregating about 11,000 l.f. of welding.

Specifications obtainable from above office.

OAKLAND, Cal.—Until Dec. 26, 8 P. M., bids will be received by East Bay Municipal Utility District, John Kimball, Secretary, 512 16th Street, Oakland, under Proposal No. L. S 161, for furnishing 16,000 l.f. of 4- 6- and 12-in. asbestos cement pipe for the distribution system.

Specifications obtainable from above office.

CALIFORNIA STATE

REDDING, Shasta Co., Cal.—Until December 27, 3 P. M., bids will be received by G. E. Siebert, Superintendent of Equipment, Shop 2, Division of Highways, Redding, for the sale of the following equipment:

CHC 3028 Truck, Mack Mod., AK, 3½-yd. hydraulic dump body—1929;
CHC 3249 Truck chassis, F. W. D., "Utility 6" 1929;
CHC 12 Lighting plant, 110 volt., 10-kw. Koehler;
CHC 53 Shovel, Diesel 1¼-yd. Bucyrus Erie.

All of the equipment may be inspected at the Division of Highways' Yards at Redding, Calif., from 7:30 A. M. to 4:30 P. M., on any working day, except Shovel CHC 53, which may be seen any working day near the Prison Camp at Puiga

EUREKA, Humboldt Co., Cal.—Until Dec. 27, 2 P. M., bids will be received by W. H. Pierce, Superintendent of Equipment, Shop 1, Division of Highways, Eureka, for the sale of the following equipment.

CHC 3149 Tructractor, Clark two-ton automatic;
CHC 388 Grader, Galion 8-ft. L. W. with scarifier;
CHC 9 Marker, Simons Traffic;
CHC 51 Shovel, Link-Belt ¾-yard gasoline.

All of the equipment may be inspected at the Division of Highways' Yards at Eureka, Calif., from 8:30 A. M. to 4:30 P. M., on any working day with the exception of CHC 51 Link-Belt Shovel, which may be inspected at the Garberville Yard.

SACRAMENTO COUNTY

CARMICHAEL, Sacramento Co. Cal.—Until Dec. 30, 7:30 P. M., bids will be received by the Carmichael Irrigation District, at the office of the district on Marconi Ave. for furnishing 3,600 ft. of 6-in. 14 gauge steel pipe.

Specifications obtainable from Roy W. Sullivan, Secretary, Route 5, Box 1427, Sacramento.

WAR DEPARTMENT

SACRAMENTO, Cal.—Until Dec. 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. L. B. Chambers, District Engineer, Room 208 Post Office Bldg., Sacramento, under Bid No. 36-119, for furnishing 10,960 gallons of gasoline for delivery to Government cars at service stations located at various points in Northern California; and for furnishing 2,000 quarts of Class D lubricating oil to be delivered to Goverment cars at the various stations in Northern California.

Deliveries are to be made during the months of January, February and March.

Specifications obtainable from above office.

SACRAMENTO, Cal.—Until Dec. 26, 3 P. M., bids will be received by the U. S. Engineer Office, Lieut. Col. L. B. Chambers, District Engineer, Room 208, Post Office Bldg., Sacramento, as follows:

(1) 100 hours, furnishing and operating one dragline, 40-ft boom, ½ c.y.capacity bucket, 55-hp. engine and performing all work as directed by the contracting officer on east bank of Sacramento river near Colusa Weir, about three miles upstream from Colusa;
(2) lump sum, delivery of dragline to site of work and removal therefrom upon completion of contract.

Specifications obtainable from above office.

FORT MASON—Until December 27, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-157, for furnishing:

(1) 1600 packing boxes, in shook.
(2) 1725 lbs. Manila rope, 3 strand.
(3) 600 lbs. cotton wiping cloths.

Specifications obtainable from the above office.

NAVY DEPARTMENT

FORT MASON, Cal.—Until December 28, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-155 for furnishing 12,600 ft. of Manila rope, 3 strand.

Delivery f.o.b. Benicia Arsenal, Army Point, Benicia.

Specifications obtainable from the above office.

FORT MASON, Cal.—Until December 24, 10 A. M., bids will be received by the Quartermaster Supply Officer, San Francisco General Depot, Fort Mason, under Bid No. 928-36-154, for furnishing 400 sq. ft. wire cloth, screen, bronze, ¼-in. mesh, 49-in. wide.

Material is for shipment to the Department Quartermaster, Philippine Department, Manila, P. I.

WASHINGTON, D. C.—Bids will be received by the Bureau of Supplies & Accounts, Navy Dept., Washington, D. C., as follows:

LAVATORIES, ship, 22; Mare Island; Sch. 6702; Dec. 20.

PIPE, 6,900 ft., welded steel; Mare Island. Sch. 6665; Dec. 20.

SOLDER, 3,700 lbs., braz.ng; Mare Island and San Diego. Sch. 6666; Dec. 20.

SOLDER, 775 troy ozs., silver; Mare Island and Puget Sound. Sch. 6662. Dec. 20.

OVENS, warming, five; Mare Island. Sch. 6676; Dec. 20.

MACHINES, 7 electrically - operated meat chopping and spares; Mare Island. Sch. 663; Dec. 20.

MACHINES, 10, hand-operated meat and food grinding and chopping, and 25 hand - operated vegetable cubing and slic ng; Mare Island. Sch. 6670; Dec. 20.

CABLE, electric; Mare Island and Puget Sound. Sch. 6720; Dec. 27.

CHAIRS, 2,000, aluminum; Mare Island and Puget Sound. Sch. 6722; Dec. 27.

VALVES, 1,450 threaded globe and 1,720 bronze steam and water; Mare Island. Sch. 6739; Dec. 27

RADIATORS, fin type steam; Mare Island. Sch. 6704. Dec. 27.

SWITCHBOARDS, generator sets diesel, and spares; Mare Island and Puget Sound. Sch. 6690; Dec. 27.

HOSE, 4,000 ft. cotton fire, rubber-lined, 1½-in. and 600 ft. rubber steam hose, ¾-in. Mare Island. Sch. 6757; Dec. 27.

MACHINES, 35, electrically operated floor polishing & scrubbing; Mare Island. Sch. 6705; Dec. 27.

MACHINES, 5, motor-driven sounding, and spares; Mare Island. Sch. 6763; Jan. 3.

FANS, 50, electric ventilating, and spares; Mare Island. Sch. 6741; Jan. 3.

KETTLES, steam jacketed galley and kitchen; 14 20-gal. capacity and 145 40-gal. capacity; Mare Island. Sch. 6717; Jan. 3.

Information obtainable from above office and from Headquarters, 12th Naval Dist., 100 Harrison Street, San Francisco.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excava.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

SANTA CLARA COUNTY. — Barrett & Hilp, 918 Harrison St., San Francisco, at $152,897.10, submitted low bid to the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Co., at Lafayette St., in Santa Clara.

The work involves:

(1) 900 cu.yds. existing pave to be removed;
(2) 20,000 gals. water;
(3) 25,000 cu.yds. roadway excav.;
(4) 2,400 cu.yds. structure excav.;
(5) 2,000 cu.yds. selected imported borrow;
(6) 3,250 sq.yds. subgrade for pave;
(7) 420 tons crusher run base;
(8) 280 tons mineral aggregate (road-mix surfacing);
(9) 22 tons liquid asphalt MC-4 (road-mix surfacing);
(10) 3 tons liquid asphalt MC-2 (prime coat);
(11) 17 tons Grade E Asphalt (Membrane Seal);
(12) 675 cu.yds. class A Port. cem. con. (pave);
(13) 160 cu.yds. class A Port. cem. concrete (curbs and gutters);
(14) 140 cu.yds. class A Port cem. conc. (sidewalks);
(15) 3,000 cu.yds. class A Port. cem. concrete (structure);
(16) 92 cu.yds. class F Portland cement concrete (railing);
(17) 240 each pavement dowels;
(18) 128,000 lbs. bar reinf. steel;
(19) 470,000 lbs. fabricated structural steel;
(20) 3,000 lbs. cast steel (catch basins, covers and frames);
(21) 8,720 lin.ft. furnishing treated Douglas fir piles, including test piles;
(22) 348 each driving treated Douglas fir piles,, including test piles;
(23) 560 lin.ft. 10-in. CMP
(24) 100 lin.ft. 12-in. CMP
(25) 92 lin.ft. 15-in. CMP
(26) 12 lin.ft. 18-in. CMP;
(27) 2,800 lin. ft. 8-in. perf. metal underdrains;
(28) 180 lin.ft. 10-in. vit. clay pipe;
(29) 280 lin.ft. 20-in. vit. clay pipe;
(30) 360 lin.ft. 4-in. cast iron bell and spigot pipe;
(31) 600 lin.ft. 20-in. cast iron bell and spigot pipe;
(32) 170 cu.yds. (rock filling material;
(33) 4 each concrete manholes;
(34) 2 each adjusting manholes to grade;
(35) 860 lin.ft. removing and relaying existing 8-in. CI pipe;
(36) 4,000 lin.ft. painting traffic stripe and curbs;
(37) 1 lot electrical equip.;
(38) 1 lot pumping equip.
(39) 1 lot misc. items of work.

Total bids follow:

(A) Barrett & Hilp, San Francisco $152,897.10
(B) A. J. and A. G. Raisch, S. F. 158,834.80
(C) MacDonald & Kahn Co., Ltd., S. F. 168,127.00
(D) Eaton & Smith, San Francisco 168,910.10

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)..	$.75	$2.40	$3.00	$.50
(2)..	1.00	1.00	4.00	1.25
(3)..	.50	.73	1.00	1.08
(4)..	.80	1.50	2.00	1.25
(5)..	.60	1.20	1.00	.95
(6)..	.15	.12	.20	.15
(7)..	2.50	1.50	3.00	2.50
(8)..	2.80	1.50	1.50	3.15
(9)..	20.00	24.00	25.00	28.00
(10)..	20.00	27.00	30.00	28.00
(11)..	13.00	18.00	23.00	28.00
(12)..	13.00	9.00	12.00	10.10
(13)..	16.50	15.00	18.00	16.50
(14)..	16.50	15.00	16.00	16.50
(15)..	16.20	17.80	13.50	14.50
(16)..	36.00	60.00	40.00	50.00
(17)..	.25	.30	.30	.28
(18)..	.048	.045	.04	.05
(19)..	.07	.06	.07	.07
(20)..	.15	.15	.12	.15
(21)..	.66	.60	.60	.70
(22)..	12.50	12.00	15.00	25.00
(23)..	1.20	1.10	2.00	1.40
(24)..	1.50	1.25	2.00	1.50
(25)..	1.80	1.70	2.00	1.70
(26)..	2.40	2.10	4.00	2.00
(27)..	1.10	1.05	1.50	1.20
(28)..	1.20	1.20	1.00	.95
(29)..	3.00	2.50	3.00	2.50
(30)..	1.20	.72	1.00	.95
(31)..	6.00	7.00	7.00	6.30
(32)..	3.00	1.50	3.00	3.15
(33)..	200.00	80.00	150.00	95.00
(34)..	75.00	15.00	100.00	13.00
(35)..	1.40	.50	2.00	1.70
(36)..	.05	.03	.30	.02
(37)..	3000.00	1500.00	4000.00	3700.00
(38)..	1700.00	2100.00	3000.00	1760.00
(39)..	1000.00	2500.00	500.00	500.00

ORANGE CO., Calif—Mundo Engineering Co., 2305 E. 5th Street, Los Angeles, at $104,729, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Atchison, Topeka & Santa Fe Railway in Orange County at Northam, near Buena Park, consisting of two concrete abutments with wing walls and steel plate girder superstructure; the side of the cut to be slope paved, and approximately 0.86 mile roadway to be graded and paved with Portland cement concrete pavement.

The work involves:

(1) 270 c.y. existing pavement to be removed;
(2) 380 M. gals. water;
(3) 26,000 c.y. rdwy. excav.;
(4) 750 c.y. struc. excav.;
(5) 12,200 sq. yds. subgrade for pave.
(6) 1,070 tons mineral agg. (plant-mixed surfacing);
(7) 55 tons liquid asphalt MC-5 (do);
(8) 8 tons liquid asphalt MC-2 (prime coat);
(9) 76,000 sta. yds. overhaul;
(10) 6,750 c.y. selected imported material;
grade seal);
(12) 6,000 sq. yds. preparing, mixing and shaping shoulders;
(13) 6 tons liquid asphalt SC-2 (prime coat, shoulders);
(14) 72 tons liquid asphalt SC-2 (road mix surf. treatment, shoulders);
(15) 2,430 c.y. Class A Portland cem. concrete (pavement);
(16) 260 c.y. Class A do (curbs and gutters);
(17) 70 c.y. Class A do (sidewalk);
(18) 680 c.y. Class A do (struc.);
(19) 300 c.y. Class A do (slope paving)
(20) 4,400 each pavement dowels;
(21) 47,000 lbs. bar reinf. steel;
(22) 300,000 lbs. structural steel;
(23) 3,600 lbs. pipe handrail;
(24) 970 l.f. 10-in. cast iron discharge pipe;
(25) 70 l.f. 24-in. reinf. concrete pipe;
(26) 45 l.f. 24-in. CMP;
(27) 600 l.f. laminated guard railing;
(28) 1,000 lbs. misc. irons and steel;
(29) 20 l.f. curb armor;
(30) 7 each culvert markers;
(31) 1 lot waterproofing;
(32) 1 lot pumping equipment;
(33) 46 stations finishing rdwy.;
(34) 46 sta. clearing and grubbing;
(35) 1 lot misc. items of work.

The total bids were:

(A) Mundo Engineering Co., Los Angeles, $104,729.00.
(B) Oswald Bros., Los Angeles, $106,-309.00.
(C) J. E. Haddock, Ltd., Pasadena, $106.484.00
(D) Basich Bros., Torrance, $107,-601.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)....	$ 2.00	$ 2.00	$ 2.50	$ 2.50
(2)....	1.50	1.30	1.00	1.00
(3)....	.40	.37	.48	.51
(4)..	1.00	1.10	3.50	1.05
(5)..	.12	.10	.10	.12
(6)....	3.50	2.85	3.00	3.25
(7)....	16.00	15.00	16.00	20.00
(8)....	20.00	23.00	24.50	20.00
(9)..	.01	.005	.005	.015
(10)..	1.20	1.20	.75	.85
(11)..	20.00	29.00	21.50	20.00
(12)....	.06	.06	.10	.10
(13)....	12.00	15.00	15.00	15.00
(14)....	12.00	8.50	9.00	10.00
(15)....	9.00	8.50	8.65	8.50
(16)..	15.00	13.00	11.50	13.50
(17)....	15.00	16.00	12.50	13.00
(18)..	15.00	18.00	17.00	16.00
(19)....	10.00	16.00	16.00	15.00
(20)....	.20	.11	.12	.10
(21)..	.045	.05	.05	.05
(22)..	.071	.07	.073	.075
(23)....	.25	.30	.26	.30
(24)....	2.00	2.10	2.40	2.25
(25)....	3.50	3.30	3.50	4.00
(26)..	3.00	2.80	2.70	3.50
(27)....	1.00	1.00	1.00	1.50
(28)..	.20	.115	.12	.12
(29)....	1.00	1.00	1.00	.80
(30)....	3.00	2.00	2.50	2.00
(31) ...	1500.00	2000.00	1400.00	1300.00
(32) .	3700.00	4500.00	3700.00	3500.00
(33) ...	10.00	4.00	10.00	5.00
(34)..	10.00	5.00	10.00	5.00
(35)..	1000.00	2044.50	1000.00	1000.00

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

BIDS WANTED

SAN JOAQUIN COUNTY, Cal.—Until January 8, 2 P. M., bids will be received by the State Highway Com-

mission, Sacramento, for about 0.25 mile grading and surfacing with road-mix surfacing and constructing a steel truss swing bridge across Potato Slough on the Lodi-Isleton Road. The span will be installed on a central concrete pier supported on a timber pile foundation; main span will be 287 ft. 3½-in. in length and will provide a 24-ft. clear roadway and 2-ft. sidewalks on each side. The contract includes mechanical and electrical installation.

The work involves:

(1) 200 M. gals. water;
(2) 300 .y. rdwy. excav., unclass.;
(3) 885 c.y. structure excavation;
(4) 150 c.y. ditch and channel excav.
(5) 42,000 c.y. imported borrow;
(6) 17 sta. finishing rdwy.;
(7) 303 c.y. salvaged surfacing;
(8) 900 tons crush. gravel or stone base;
(9) 6.5 tons liquid asph. SC-2 (prime coat);
(10) 845 tons mineral aggregated (road mix surfacing);
(11) 43 tons liquid asphalt ROMC-3 or ROMC-4;
(12) 21,000 lbs. bar reinf. steel;
(13) 484 c.y. Class A Portland cement concrete (struc.);
(14) 415 c.y. do (footing blocks);
(15) 600,000 lbs. struc. steel;
(16) 242 MFBM Douglas fir timber;
(17) 11 MFBM dense, select, all heart structural redwood;
(18) 5 MFBM select, all heart, structural redwood;
(19) 18,500 l.f. furnishing Douglas fir piling;
(20) 2,900 l.f. furnishing redwood do;
(21) 441 each driving timber piles;
(22) 150 c.y. gravel (backfill);
(23) 85,000 lbs. machinery;
(24) 1 only operator's house;
(25) 1 lot electrical equipment;
(26) 1 lot traffic gates;
(27) 1 lot misc. bridge items;
(28) 34 l.f. 12-in. CMP;
(29) 54 l.f. 18-in. CMP;
(30) 160 l.f. laminated guard railing;
(31) 160 each guide posts;
(32) 0.11 mile new property fence;
(33) 0.04 mile moving and resetting property fences;
(34) 11 each monuments.

Plans and specifications obtainable from the State Highway Engineer, P. O. Box 1499, Sacramento, and on file at the office of the District Engineer in San Francisco, Los Angeles, Stockton. *

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $131,845.30 submitted low bid to the State Highway Commission, Sacramento, for about 16.4 miles grading, widening, existing pavement with crusher run base, and resurfacing portions with plant-mixed surface in Sacramento County between Walnut Grove and Freeport.

The work involves:

(1) 1,000 M. gals. water;
(2) 9,000 c.y. rdwy. excav., unclass.;
(3) 22,300 c.y. imported borrow;
(4) 85 c.y. struc. excav.;
(5) 221 stations scarifying, spreading and compacting exist. border
(6) 870 stations finishing rdwy.;
(7) 16,200 tons crusher run base;
(8) 10,700 tons mineral aggregate (plant mixed surfacing);
(9) 510 tons liquid asphalt MC-5 or extra heavy (plant mixed surf.)
(10) 47 tons liquid asphalt MC-3 (seal coat plant mixed surf.);
(11) 640 tons screenings or coarse sand (penetration oil treatment and seal coat, plant mixed surf.)
(12) 70 tons liquid asphalt SC-1A (penetration oil treatment);
(13) 43 tons liquid asphalt 90-95 (Class B seal coat and armor coat);
(14) 510 tons screenings Class B do);
(15) 71,500 sq. yds. asphaltic paint binder;
(16) 7.5 c.y. Class A Portland cement concrete (struc.);
(17) 45 c.y. Class A Portland cement concrete (curbs and gutters);
(18) 1,850 lbs. bar reinf. steel;
(19) 36 l.f. 12-in. CMP;
(20) 1 headwall removed and reset;
(21) 16 l.f. existing CMP cleaned and relaid;
(22) 8 l.f. 16-in. vit. clay pipe;
(23) 5,540 l.f. laminated guard railing;
(24) 1,010 l.f. existing guard railing removed and salvaged;
(25) 4 each culvert markers;
(26) 356 each guide posts;
(27) 133 each existing guide posts to be removed and salvaged.

Total bids follow:

(A) A. Teichert & Son, Inc., Sacramento, $131,845.30.
(B) Union Paving Co., San Francisco, $139,523.00.
(C) J. A. Casson, Hayward, $147,630.50.
(D) Peninsula Paving Co., San Francisco, $148,899.75.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$1.50	$ .60	$ 2.00	$ 1.50
(2)	.45	.25	.70	.40
(3)	.75	.80	1.15	1.00
(4)	1.50	1.00	1.50	1.00
(5)	6.00	6.00	6.00	12.50
(6)	5.00	6.00	6.00	5.00
(7)	2.50	3.25	2.50	3.00
(8)	3.53	3.10	3.50	3.75
(9)	17.00	20.00	20.00	15.00
(10)	22.60	20.00	24.00	20.00
(11)	3.00	3.00	3.50	3.50
(12)	15.00	12.00	14.00	15.00
(13)	22.00	20.00	24.00	20.00
(14)	3.00	3.00	3.50	3.50
(15)	.025	.01	.015	.03
(16)	25.00	15.00	34.00	20.00
(17)	18.00	15.00	25.00	15.00
(18)	.07	.08	.08	.06
(19)	1.50	1.50	2.00	1.50
(20)	20.00	20.00	10.00	15.00
(21)	.50	.50	1.00	.50
(22)	2.00	3.00	2.00	2.50
(23)	1.00	1.20	1.10	1.00
(24)	.10	.10	.50	.50
(25)	2.50	2.00	4.00	2.25
(26)	2.50	2.00	3.00	2.00
(27)	.20	.50	1.50	.25

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—John Strona, Pomona, at $146,122.50 awarded contract by the State Highway Commission, Sacramento, for construction of an undergrade crossing under the tracks of the A. T. & S. F. Railway at Hobart, consisting of two steel beam spans with concrete deck on concrete pier and two concrete abutments with wing walls.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal. — A. Soda & Son, 5231 Grove St., Oakland, at $49,469.50 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Mountain Blvd., in Oakland, consisting of two concrete abutments and steel superstructure and approximately 416 lin. ft. of roadway to be graded and paved with asphalt concrete pavement.

CONTRACT AWARDED

RIVERSIDE COUNTY, Calif.—B. G. Carroll, 4396 Maryland St., San Diego, at $105,829 awarded contract by the State Highway Commission, Sacramento, for the construction of a reinforced concrete girder overhead crossing over the tracks of the Southern Pacific Company about 2.2 miles west of Indio, consisting of one 61-ft. clear span and two 45-ft. 6-in. clear spans, and grading and paving with Portland cement concrete 0.54 mile of roadway.

CONTRACT AWARDED

FRESNO COUNTY, Cal. — R. R. Bishop, 5017 E. Broadway, Long Beach, at $184,766 awarded contract by the State Highway Commission at Sacramento, for the construction of an overhead crossing over the tracks of the A. T. & S. F. Ry. at Calwa, consisting of 158 lin. ft. of track spans and twenty-eight 40-ft. concrete girder spans on concrete piers and abutments with timber pile foundations, and constructing approaches and paving with Portland cement concrete pavement.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Sharp & Fellows Contracting Co., 533 Central Bldg., Los Angeles, at $202,941.30 awarded contract by the State Highway Commission, Sacramento, for the construction of a steel and concrete overhead crossing over the tracks of the Atchison, Topeka and Santa Fe Railway at Wilmington, consisting of four 61-ft. 6-in. spans, two 39-ft. spans, and grading and paving approaches with asphalt concrete and Portland cement concrete paving strips.

BIDS REJECTED

SHASTA COUNTY, Cal.—The State Highway Commission, Sacramento, has rejected the only bid received, that of Cannon Bros., Compton, at $7,965, for borings to be made at the site of the proposed combination highway and railroad bridge over the Pitt River, to be constructed in connection with the Kennett Dam.

BIOS WANTED

BAKERSFIELD, Kern Co., Cal.—Until December 16, 5 P. M., bids will be received by the Bakersfield City Council, V. Van Riper, City Clerk, for construction of one reinforced concrete culvert at 24th St. and Kern Island Canal in Bakersfield.

Plans and specifications obtainable from the above office. *

CONTRACT AWARDED

SANTA BARBARA COUNTY, Calif.—Parish Bros., 1222 N. Gower Street, Los Angeles, at $12,425.50 awarded the contract by State Highway Commission, Sacramento, for an extension to a reinforced concrete girder bridge on Las Positas Road over the tracks of the Southern Pacific Company at Santa Barbara.

23—IRRIGATION PROJ.

BIDS OPENED

MODESTO, Stanislaus Co., Cal.—California Gunite Co., 1006 N Sycamore St., Los Angeles, at $35,800.54 submitted low bid to the Modesto Irrigation District, C. S. Abbott, Secretary, for construction of 2-in. concrete lining and reinforced concrete outlet headwalls in the canals and laterals of the District.

Atlas Constr. Co., Pasadena, at $39,653.35 submitted the only other bid

---

CONTRACT AWARDED

ALL-AMERICAN CANAL, Arizona-California.—George Pollock Co., P. O. Box 803, Sacramento, at $700,987.70 on Schedules 1 and 2, awarded contract by the Bureau of Reclamation, Yuma, under Spec. No. 647, for construction of earthwork for the All-American Canal, Stations 50 to 245, Boulder Canyon Project. The work is located 10 to 14 miles north of Yuma.

CONTRACTS AWARDED

OWYHEE PROJECT, Oregon-Idaho.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, awarded contracts by the Bureau of Reclamation, Ontario, for construction of earthwork

and structures on the Owyhee Project, as follows:
Spec. No. 723-D—$19,395.50.
Spec. No. 724-D—$15,076.00.
Spec. No. 733-D—$17,221.15.

24— STREET LIGHTING

BIDS OPENED

SAN FRANCISCO.—The Enterprise Foundry Corp., 2902 19th St., at $7,508.70 submitted low bid to T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1474, for furnishing ninety 20-ft. metal street lighting standards.

Complete bids follow:

Enterprise Foundry Corp.	$7,508.70
Taper Tube Pole Co.	8,366.17
Union Metal Co.	9,038.25

Bids held under advisement.

BIDS OPENED

SAN FRANCISCO—H. S. Tittle Co., 65 Columbia Square, San Francisco, at $5564 submitted low bid to the Public Utilities Commission, City Hall, under Airport Contract No. 36, for construction of a lighting system for landing field extension, San Francisco Airport.

The work consists of the removal of the existing lighting units and cable now located between the present landing field and the field extension to be illuminated; construction of 15 new white and green boundary light units; construction of 15 obstruction lights located on top of levee and adjacent to boundary light units; construction of one concrete transformer vault and appurtenant work; furnishing and installing two floodlighting units on top of the transformer vault; installation of wiring and cable to connect the floodlights with transformer, to connect the boundary lights to be installed with the existing boundary light cables and to the transformer vault, and to connect the obstruction lights to be installed with adjacent boundary lights, and moving one existing floodlight.

Complete bids follow:

H. S. Tittle Co., Inc.	$5564
Abbett Electric Co.	5922
American Electric Constr. Co.	5970
Underground Const. Co., Berkeley	5992
H. C. Reid & Co.	6050
F. Flatland	6150
Enterprise Elec. Works	6525

All bidders of San Francisco unless otherwise noted.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

SAN FRANCISCO — Shirar-Young Co., 1450 Van Ness Ave., at $2778 awarded contract by T. A. Brooks, Purchaser of Supplies, City Hall, under Bid No. 1471, for furnishing and installing in San Francisco General Hospital six refrigerating machines, built to specifications.

BIDS OPENED

SAN FRANCISCO—George Griffall, 1532 California St., Mountain View, at $87, discount 2% 10 days, submitted low bid to the Bureau of Public Roads, 807 Sheldon Bldg., San Francisco, for hauling Government-owned equipment, consisting of one 75-hp. Allis-Chalmers tractor with bulldozer mountings and one Galion scarifier, approximate wt., 14 tons; from the Government road camp approximately 30 miles west of Willows on the Willows- Covello Road to the Bureau of Public Roads Equipment Depot at Government Island.

Complete bids follow:

George Griffall, Mountain View, $87, 2% 10 days.
Converse Direct Delivery, San Francisco, $100, 2% 10 days.
Bettencourt & Warren, Hayward, $115 net.
Epperson Drayage Co., Woodland $135, 1% 10 days.
C. Mankel, Sacramento, $137, ½% 10 days.
Bigge Drayage Co., San Francisco, $175, net.
Thomas Rigging Co., Oakland, $180, net.
G. W. Thomas Drayage & Rigging Co., San Francisco, $199.80, net.
Thompson Bros., San Francisco, $232.35.

26— RAILROADS

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., at $41,150 awarded contract by the Public Utilities Commission, City Hall, under Municipal Railway Contract No. 170, for the reconstruction of Union Street tracks.

Complete bids published Dec. 3.

28 — FIRE EQUIPMENT

December 13, 1935

CONTRACT AWARDED

EUREKA, Humboldt Co., Cal.—Ahrens-Fox Co., at approximately $6635 awarded contract by the Eureka City Council for furnishing a new fire engine. 28

29—STREETS AND HIGHWAYS

BIDS WANTED

SONORA, Tuolumne Co., Cal.—Until December 20, 8 P. M., as previously reported, bids will be received by the Sonora City Council, J. V. Wulff, City Clerk, for paving streets in the city. Estimated cost, $33,380.

The work involves:
(1) 300 c.y. excavation;
(2) 100,000 s.f. shaping and preparing streets;
(3) installing 120 l.f. 12-in. corrugated culvert pipe;
(4) 3 c.y. concrete in end walls;
(5) 5,800 tons oiled rock surfacing.

NOTE: Items 3 and 5 will be furnishing by the City of Sonora. Item 3 will be furnished fob Sonora railroad depot, and Item 5 fob Hales & Symons bunkers near the railroad depot.

The PWA has allotted a grant of 45% of the total estimated cost.

Robert Thom, city engineer.

BIDS WANTED

LOS ANGELES COUNTY, Cal.—Until Dec. 23, 2 P. M., bids will be received by the Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for excavating and backfilling with sand drainage sumps about 1½ miles northwesterly and 1½ miles southeasterly of Norwalk, Los Angeles County.

The work involves:
(1) 3,200 c.y. excavation;
(2) 3,400 c.y. sand backfill in place.

Plans and specifications obtainable from above office. 3

IMPERIAL COUNTY, Calif.—R. E. Hazard & Sons, 2548 Kettner Blvd., San Diego, at $45,505 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 9.8 miles grading, surfacing with gravel and road-mix surface treatment applied thereto; and a timber bridge and structure to be constructed, in Imperial County between three miles east of Nmperial and one - half mile east of Brawley.

The work involves:
(1) 18 sta. clearing and grubbing right of way;
(2) 1,030 M gals. water;
(3) 3,800 cu.yds. roadway excav. unclassified;
(4) 225 cu.yds. struc. excav.;
(5) 14,000 cu.yds. imported borrow;
(6) 515 stas. finishing roadway;
(7) 8,000 cu.yds. gravel surfacing;
(8) 730 tons liq. asphalt SC-2;
(9) 114,400 sq. yds. preparing, mixing, and shaping roadbed;
(10) 500 lbs. bar reinf. steel;
(11) 15 cu.yds. class A Portland cem. concrete (structures);
(12) 126 lin.ft. 18-in. in CMP;
(13) 48 lin.ft. 36-in. CMP;
(14) 64 lin.ft. 24-in. CMP (Siphons);
(15) 40 each culvert markers;
(16) 62 each monuments;
(17) 2 miles fence moved and reset;
(18) 15.4 MFBM Redwood timber, dense, select, all heart, structural grade;
(19) 7 MFBM Redwood timber, select, all heart, structural grade;
(20) 1,100 lin.ft. furnishing treated Douglas fir piles;
(21) 48 each driving timber piles;
(22) 1 removing exist. timber bridge

Total bids follow:
(A) R. E. Hazard & Sons, San Diego, $45,505.00.
(B) Oswald Bros. Los Angeles, $48,707.25.
(C) V. R. Dennis Const. Co., San Diego, $55,282.50.
(D) Geo. Herz & Co., San Bernardino, $59,454.60.

The unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$ 5.00	$ 15.00	$ 5.00	$ 10.00
(2)	1.60	3.00	1.50	1.00
(3)	.50	.60	.40	.55
(4)	2.00	1.75	1.00	2.00
(5)	.55	.58	.65	.55
(6)	6.00	1.50	10.00	14.00
(8)	1.35	1.60	1.60	2.50
(8)	12.00	13.00	12.00	11.60
(9)	.045	.05	.09	.045
(10)	.10	.06	.15	.10
(11)	30.00	25.00	25.00	30.00
(12)	2.50	2.00	2.25	2.30
(13)	7.50	5.00	6.00	5.85
(14)	4.00	4.00	6.00	5.25
(15)	3.00	3.00	2.00	3.00
(16)	3.00	3.50	3.00	3.00
(17)	175.00	375.00	300.00	400.00
(18)	90.00	100.00	100.00	120.00
(19)	90.00	100.00	100.00	120.00
(20)	.60	.65	.55	.70
(21)	22.00	12.00	10.00	21.00
(22)	100.00	100.00	200.00	200.00

29

LOW BIDDER

KERN CO., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, at $5,215 submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about 5 miles in Kern County, between two miles southwest of Searles and Rademacher.

BIDS WANTED

SAN JOSE, Santa Clara Co., Cal.—Until December 23, 5 P. M. (to be opened at 8 P. M.) bids will be received by the San Jose City Council, John J. Lynch, City Clerk, for resurfacing of South Market Street and of South First Street to the city limitts. Estimated cost, $28,321.

The work involves:
(1) 4040 tons 2-in. asphaltic concrete gravel surface;
(2) 504 tons 1-in. to 3-in. asphaltic concrete leveling course;
(3) 35,302 sq. yds. existing pavement base to be treated with asphaltic paint binder;
(4) One Portland cement concrete inlet for 17-in. grate;
(5) 14 lin. ft. 8-in. vitrified pipe drain
(6) 317,714 sq. ft. existing asphalt surface only, to be removed;
(7) (Alt. to Item 3) 35,302 sq. yds. existing pavement base to be treated with emulsified asphaltic paint binder.

Plans and specifications obtainable

from the office of City Engineer W. L. Popp.

SAN BERNARDINO COUNTY, Cal. Basich Bros., 20550 Normandie Ave., Torrance, at $130,717, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for 4.7 miles grading and applying road-mix surface treatment in San Bernardino County, between the westerly boundary and Route 59.

The work involves:

(1) 39 acres clearing and grubbing right of way;
(2) 6 630 M gals. water;
(3) 221,000 cu.yds roadway excav. unclass
(4) 310,000 sta. yds. overhaul;
(5) 9,100 cu.yds. struc. excav.;
(6) 250 sta. finishing roadway;
(7) 590 tons liq. asphalt SC-2;
(8) 57,400 sq.yds. preparing, mixing, and shaping roadbed;
(9) 61 tons liq. asphalt 90-95 (seal coat);
(10) 720 tons screenings (seal coat);
(11) 620 cu.yds. class A Portland cement concrete (strucs.);
(12) 6 cu.yds. class F Portland cement concrete (railing);
(13) 87,200 lbs. bar reinf. steel (strucs.);
(14) 3,300 lbs. structural steel;
(15) 42 cu. yds. rubble masonry;
(16) 422 lin.ft. 8-in. CMP;
(17) 2,052 lin.ft. 24-in. CMP;
(18) 184 lin.ft. 36-in. CMP;
(19) 17 each spillway assemblies;
(20) 64 lin.ft. existing CMP removed and salvaged;
(21) 427 lin.ft. lam. guard railing;
(22) 87 each culvert markers;
(23) 710 each guide posts;
(24) 60 each monuments complete in place.

The total bids were:

(A) Basich Bros., Torrance, $130,717.
(B) Gibbons & Reed Co., Burbank, $144,234.90.
(C) J. E. Haddock, Ltd., Pasadena, $153,012.10.
(D) V. R. Dennis Constr. Co., San Diego, $158,153.50.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$230.00	$250.00	$275.00	$150.00
(2)	.65	.80	.70	.70
(3)	.26	.355	.35	.34
(4)	.005	.005	.01	.02
(5)	2.00	.50	1.00	1.00
(6)	8.00	4.00	10.00	10.00
(7)	10.00	10.00	11.50	11.00
(8)	.04	.06	.10	.10
(9)	21.00	23.00	25.00	25.00
(10)	4.00	3.60	4.80	4.50
(11)	18.00	25.00	20.00	30.00
(12)	40.00	50.00	75.00	75.00
(13)	.04	.05	.05	.05
(14)	.20	.11	.10	.25
(15)	20.00	20.00	20.00	15.00
(16)	1.00	1.00	.95	.150
(17)	3.00	2.80	2.70	4.00
(18)	4.50	4.25	5.10	7.00
(19)	15.00	12.50	15.00	15.00
(20)	1.50	.50	1.00	1.00
(21)	1.50	.90	1.00	1.50
(22)	1.50	1.50	2.00	2.00
(23)	1.50	1.50	2.00	2.00
(24)	1.50	2.50	3.00	3.00

29

CONTRACT AWARDED

WHITE PINE COUNTY, Nev.—Pacific Const. Co., 334 Stockton St., San Francisco, at $48,505.05 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in White Pine County, Route 4, Section B3, within the city of Ely, a length of approximately 0.88 mile.

George French, Jr., Stockton, Calif., at $51,349.80 submitted second low bid.

SONOMA COUNTY—1.8 mi. Grade & Surface—(STATE)

SONOMA COUNTY.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $60,856.70, submitted low bid to the State Highway Commission, Sacramento, for about 1.8 miles of grading and surfacing with crusher run base and bituminous macadam in Sonoma County between Stony Point Road and Cotati.

The work involves:

(1) Clearing and grubbing right of way;
(2) 200 M gals. water;
(3) 36,700 c.y. rdwy. excav., unclass.;
(4) 400 c.y. ditch excavation;
(5) 850,000 sta. yds. overhaul;
(6) 2,100 c.y. struc. excav.;
(7) 95 sta. finishing rdwy.;
(8) 60 c.y. existing concrete to be removed and disposed of;
(9) 6,500 tons crusher run base;
(10) 3,150 tons broken stone (bituminous macadam);
(11) 140 tons liquid asphalt 90-95 (do)
(12) 50 tons liquid asphalt SC-1A (shoulders);
(13) 750 c.y. Class A Portland cement concrete (struc.);
(14) 79,000 lbs. bar reinf. steel;
(15) 170 l.f. 12-in. CMP;
(16) 1,140 l.f. 18-in. CMP;
(17) 50 l.f. 36-in. CMP;
(18) 800 l.f. 8-in. perf. metal pipe;
(19) 140 c.y. rock filling material (underdrains);
(20) 76 each culvert markers;
(21) 1.2 miles barbed wire fence;
(22) 2.1 miles woven wire fence;
(23) 16 each fence gates;
(24) 28 each monuments

Total bids follow:

(A) N. M. Ball Sons Co., Berkeley $60,856.70
(B) Union Paving Co., S. F. 63,639.50
(C) C. F. Fredericksen & Sons, Lower Lake 66,672.00
(D) Pacific States Constr. Co., San Francisco 73,717.50
(E) C. W. Caletti & Co., San Rafael 76,579.00
(F) Granfield-Farrar & Carlin, San Francisco 77,402.50
(G) A. G. Raisch, San Francisco 77,825.50

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$2000.00	$1000.00	$1000.00	$1500.00	$750.00	$3500.00	$600.00
(2)	1.50	2.00	2.00	3.00	1.50	1.00	3.00
(3)	.31	.26	.25	.40	.35	.35	.40
(4)	.90	.50	.60	1.00	1.50	1.00	1.00
(5)	.003	.005	.005	.005	.01	.01	.01
(6)	1.30	1.00	.90	1.10	1.50	1.50	1.00
(7)	5.00	6.00	5.00	5.00	12.00	10.00	10.00
(8)	6.00	6.00	5.00	2.50	3.00	15.00	6.00
(9)	1.60	2.00	2.00	2.30	2.35	2.00	2.00
(10)	1.85	2.00	2.50	2.50	2.50	1.90	2.20
(11)	16.00	20.00	17.00	18.00	24.00	19.50	20.00
(12)	13.00	14.00	12.00	15.00	17.00	14.00	14.00
(13)	15.00	16.00	20.00	18.00	14.00	20.00	22.00
(14)	.05	.05	.05	.05	.05	.05	.0475
(15)	1.26	1.50	1.25	1.25	2.00	1.35	1.20
(16)	2.00	2.00	2.00	1.70	2.50	1.80	1.60
(17)	5.00	5.25	5.00	5.00	5.00	5.00	5.00
(18)	.90	1.10	1.00	1.00	1.30	1.00	1.10
(19)	2.75	3.50	3.00	2.00	2.50	1.75	2.50
(20)	2.50	2.00	1.50	2.50	3.00	2.00	1.50
(21)	500.00	500.00	450.00	400.00	450.00	400.00	600.00
(22)	700.00	600.00	600.00	650.00	640.00	500.00	650.00
(23)	16.00	16.00	15.00	18.00	20.00	20.00	16.00
(24)	3.00	3.00	2.50	3.00	4.00	3.00	2.50

NAPA COUNTY—6.3 Mi. Grade And Bridge—(State)

NAPA COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco at $67,523.58 submitted low bid to the State Highway Commission, Sacramento, for about 6.3 miles grading and constructing a bridge in Napa County, between St. Helena and Larkmead Station.

The work involves:

(1) 166 stations clearing and grubbing right of way;
(2) 52,000 c.y. rdwy. excav.;
(3) 1,675 c.y. struc. excav.;
(4) 27,400 lbs. bar reinf. steel;
(5) 322 c.y. Class A Portland cement concrete (struc.);
(6) 97 c.y. Class A do (footing blocks)
(7) 1.5 MFBM dense, select, all heart structural redwood;
(8) 1,038 l.f. 12-in. CMP;
(9) 148 l.f. 15-in. CMP;
(10) 158 l.f. 18-in. CMP;
(11) 250 l.f. 24-in. CMP;
(12) 64 l.f. 36-in. CMP;
(13) 120 l.f. CMP clean and relay.

Total bids follow:

(A) Union Paving Co., San Francisco, $67,523.58.
(B) Pacific States Constr. Co., San Francisco, $82,722.60.
(C) Bodenhamer Constr. Co., Oakland, $86,867.00.
(D) Heafey-Moore Co., Oakland, $88,313.70.
(E) Granfield-Farrar & Carlin, San Francisco, $89,444.00
(F) Jack A. Casson, Hayward, $89,794

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$65.00	$100.00	$50.00	$115.00	$150.00	$110.00
(2)	.61	.95	1.10	.90	.95	1.00
(3)	2.50	2.30	3.00	2.00	1.50	1.70
(4)	.09	.05	.05	.05	.05	.06
(5)	30.00	21.00	25.00	30.00	20.00	25.00
(6)	20.00	18.00	22.00	30.00	17.00	25.00
(7)	300.00	105.00	200.00	100.00	90.00	120.00
(8)	2.00	1.20	2.00	2.45	1.35	2.00
(9)	3.00	1.50	2.50	2.50	1.60	2.40
(10)	5.00	1.75	3.00	2.70	1.80	2.50
(11)	8.00	2.75	4.00	3.60	2.70	3.40
(12)	10.00	5.00	7.00	6.00	5.00	5.50
(13)	3.00	.70	1.00	3.00	1.00	3.00

VENTURA COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $51,208.90, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for about 5.9 miles grading and surfacing with plant-mixed surfacing in Ventura County, between Somis and Saticoy.

The work involves:

(1) 314 stations clearing & grubbing right of way;
(2) 500 M. gals. water;
(3) 22,000 c.y. rdwy. excav., unclass.
(4) 600 c.y. struc. excav.;
(5) 130 c.y. ditch and channel excavation;
(6) 1,210,000 sta. yds. overhaul;
(7) 314 stations finishing rdwy.;
(8) 6,300 tons mineral aggregate (plant-mixed surfacing);
(9) 300 tons liquid asphalt MC-5 or MC-Extra Heavy (plant - mixed surfacing);
(10) 16 tons liquid asph. MC-2 (prime coat, plant-mixed surfacing);
(11) 31,000 sq. yds. asph. paint binder
(12) 250 c.y. Class A Portland cement concrete (struc.);
(13) 24,000 lbs. bar reinf. steel;
(14) 40 c.y. Portland cement mortar.
(15) 100 l.f. 125x60.5-inch multi-plate CM arch;
(16) 130 l.f. 18-in. CMP;
(17) 60 l.f. 24-in. CMP;
(18) 44 l.f. 30-in. CMP;
(19) 208 l.f. laminated guard railing;
(20) 38 each culvert markers;
(21) 140 each guide posts;
(22) 134 c.y. removing and disposing of concrete.

The total bids were:

(A) Oswald Bros., Los Angeles, $51,208.90.
(B) Basich Bros., Torrance, $52,808.
(C) Southwest Paving Co., Roseoe, $58,409.10.
(D) A. S. Vinnell Co., Los Angeles, $59,801.
(E) C. F. Robbins, Los Angeles, $61,059.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$ 3.30	$10.00	$ 4.00	$10.00	$10.00
(2)..	2.25	1.00	1.50	1.50	1.50
(3)..	.34	.25	.78	.50	.50
(4)..	2.00	1.00	1.75	1.50	1.50
(5)..	1.40	.50	1.35	1.50	1.50
(6)..	.003	.005	.003	.004	.008
(7)..	3.00	10.00	4.00	2.00	5.00
(8)..	2.73	2.25	2.30	3.35	2.50
(9)	18.50	18.00	13.00	14.50	16.00
(10)..	25.00	18.00	26.00	16.00	25.00
(11)	.02	.03	.03	.02	.005
(12)	20.00	20.00	27.00	22.00	25.00
(13)	.05	.06	.06	.05	.05
(14)	25.00	30.00	21.00	25.00	16.00
(15)	25.00	27.00	21.15	22.50	30.00
(16)	1.85	2.00	2.30	1.50	2.00
(17)	3.00	2.75	3.00	3.00	2.50
(18)..	3.75	3.25	3.40	4.00	3.00
(19).	1.40	2.00	1.25	1.50	2.00
(20)	3.00	2.00	2.50	3.00	1.50
(21)..	2.50	2.00	2.70	3.00	1.50
(22)	6.00	10.00	3.50	5.00	3.00

CONTRACT AWARDED

CLARK COUNTY, Nevada.—Pacific Const. Co., 334 Stockton Street, San Francisco, at $83,860.40 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Clark County, within the City of Las Vegas, a length of approximately 2.5 miles.

J. A. Casson, Hayward, Calif., at $84,538.42 submitted second low bid.

SAN BENITO CO.—3.1 mi. Grade, Surf., & Bridge—(State)

SAN BENITO COUNTY. — Union Paving Co., 624 Call Bldg., San Francisco, at $85,187.20, submitted low bid to the State Highway Commission, Sacramento, for about 3.1 mile of grading and surfacing with road-mix surfacing on selected material base and constructing a timber bridge in San Benito County, between Bear Valley and one mile north of Willow Creek.

The work involves:

(1) 165 stations clearing and grubbing right of way;
(2) 220 M. gals. water;
(3) 145,000 c.y. rdwy. excav., unclass.
(4) 480,000 sta yds. overhaul;
(5) 2,050 c.y. struc. excav.;
(6) 2,100 c.y. ditch and channel excavation;
(7) 165 sta. finishing rdwy.;
(8) 2,500 c.y. selected material base;
(9) 3,800 c.y. mineral aggregate (road mix surf.);
(10) 370 tons liquid asphalt SC-2 (do);
(11) 35 tons liquid asphalt SC-2 (prime coat);
(12) 26 tons liquid asphalt SC-2 (seal coat);
(13) 100 c.y. rubble masonry;
(14) 254 l.f. 8-in. CMP;
(15) 1,182 l.f. 18-in. CMP;
(16) 286 l.f. 24-in. CMP;
(17) 90 l.f. 30-in. CMP;
(18) 166 l.f. 30-in. CMP, (12 gauge);
(19) 266 l.f. 36-in. CMP;
(20) 188 l.f. 48-in. CMP, (8 gauge);
(21) 60 l.f. 90-inch multi-plate CMP (512-18);
(22) 5 c.y. Class A Portland cement concrete (culvert paving);
(23) 13 each spillway assemblies;
(24) 700 l.f. laminated guard railing;
(25) 35 each culvert markers;
(26) 323 each guide posts;
(27) 3.5 miles new property fence;
(28) 12 each drive gates;
(29) 400 l.f. bank protection fence;
(30) 2,000 sq. yds. paved gutters and inlet aprons;
(31) 74 each monuments;
(32) 25 c.y. Class A Portland cement concrete (deck slab);
(33) 23 c.y. Class B do (pedestals);
(34) 5,000 lbs. bar reinf. steel;
(35) 13 MFBM redwood timber, dense, select, all heart struc. grade;
(36) 19 MFBM redwood timber, select, all heart struc. grade.

Total bids follow:

(A) Union Paving Co., S.F. $85,187.20
(B) J. L. Conner, Monterey.. 85,950.60
(C) Young & Son Co., Ltd., Berkeley 88,391.00
(D) Hemstreet & Bell, Marysville 91,925.70
(E) C. F. Fredericksen & Sons, Lower Lake 92,034.25
(F) M. J. B. Constr. Co., Stockton 93,725.25
(G) A. Teichert & Son, Inc., Sacramento 94,102.10
(H) Peninsula Paving Co., S. F. 94,590.75
(I) Heafey-Moore Co., Oakland 100,272.90
(J) Gibbons & Reed Co., Burbank 101,295.00
(K) Chas. Harlowe, Jr., Oakland 108,436.00

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$25.00	$20.00	$13.50	$40.00	$30.00	$35.00	$22.00	$30.00	$75.00	$65.00	$40.00
(2)	2.00	2.00	3.00	2.00	2.00	1.50	2.50	1.50	2.00	2.80	2.50
(3)	.23	.26	.265	.28	.285	.29	.29	.30	.28	.32	.34
(4)	.005	.01	.01	.0075	.01	.01	.005	.01	.01	.005	.01
(5	1.00	1.00	1.25	1.00	1.00	2.00	1.00	1.15	.75	.90	1.50
(6)	.35	.75	.70	.60	.90	1.50	1.00	.60	.50	.50	1.00
(7)	8.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	24.00	4.00	5.00
(8)	1.00	1.00	1.50	1.00	.50	.73	1.26	1.00	.50	1.40	2.00
(9)	1.30	1.00	1.30	1.50	1.60	1.04	1.45	1.25	.50	1.80	1.90
(10)	15.00	15.00	14.35	14.00	15.00	11.00	14.30	16.00	20.00	11.50	13.00
(11)	15.00	15.00	14.35	20.00	15.00	11.00	20.00	16.00	15.00	11.50	13.00
(12)	15.00	15.00	20.00	20.00	15.00	11.00	20.00	20.00	15.00	11.50	33.00
(13)	16.00	15.00	14.00	16.00	10.00	20.00	17.00	16.00	24.00	20.00	1.00
(14)	1.25	1.00	1.00	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.30
(15)	2.50	2.25	1.80	1.75	2.00	2.45	2.00	1.75	1.50	1.75	2.30
(16)	2.25	2.85	2.60	2.60	3.00	3.15	3.00	2.50	2.35	2.50	3.20
(17)	4.25	3.75	3.00	3.25	4.00	3.70	3.50	3.00	2.85	3.00	4.20
(18)	5.50	4.50	3.80	4.00	4.50	4.45	4.60	4.00	3.60	4.00	5.00
(19)	6.50	5.25	4.75	4.75	5.00	5.25	5.50	5.00	4.50	4.50	6.30
(20)	13.00	9.50	9.25	10.50	6.50	10.00	12.00	10.00	8.75	10.00	11.50
(21)	22.50	20.00	18.00	17.00	18.00	16.00	20.00	18.00	17.50	17.50	17.55
(22)	30.00	15.00	15.00	20.00	20.00	20.00	25.00	18.00	20.00	14.00	20.00
(23)	16.00	15.00	15.00	15.00	15.00	17.00	17.00	15.00	12.00	12.00	15.00
(24)	1.25	1.00	1.15	1.10	1.25	1.25	1.00	1.00	.80	.90	1.00
(25)	2.50	1.80	2.25	2.00	1.75	1.75	2.50	2.25	2.00	1.50	1.00
(26)	2.50	1.00	2.00	1.80	1.50	2.00	2.00	2.00	2.00	1.50	1.00
(27)	450.00	600.00	550.00	500.00	625.00	550.00	600.00	450.00	450.00	450.00	200.00
(28)	16.00	15.00	22.00	15.00	15.00	20.00	20.00	20.00	15.00	18.00	15.00
(29)	5.00	6.00	4.00	4.00	5.00	1.50	5.30	3.50	8.00	4.00	5.50
(30)	1.25	.50	.50	.50	1.75	.50	.60	1.00	1.00	.75	.60
(31)	3.00	3.80	3.00	3.00	2.50	3.00	3.50	3.00	2.50	2.50	2.00
(32)	20.00	17.00	22.50	20.00	15.00	20.00	20.00	16.00	20.00	17.00	20.00
(33)	25.00	17.00	22.50	21.50	17.00	20.00	23.00	20.00	20.00	20.00	20.00
(34)	.07	.05	.06	.07	.07	.07	.065	.07	.06	.05	.06
(35)	100.00	83.00	100.00	100.00	80.00	95.00	120.00	100.00	120.00	100.00	70.00
(36)	100.00	75.00	100.00	100.00	80.00	87.00	120.00	90.00	110.00	100.00	70.00

MODOC COUNTY, Cal.—C. F. Frederickson & Sons, Lower Lake, at $79,235.40 submitted low bid to the State Highway Commission, Sacramento, for about 11.8 miles grading and applying penetration oil treatment in Modoc County, between 2½ miles west of Cedarville and Nevada State Line.

The work involves:
(1) 13 acres clearing and grubbing right of way;
(2) 800 M. gals. water;
(3) 139,000 c.y. rdwy. excav., unclass.
(4) 77,000 sta. yds. overhaul;
(5) 600 c.y. ditch and channel excav.
(6) 1,200 c.y. struc. excav.;
(7) 4,300 c.y. imported borrow;
(8) 3,500 c.y. imported selected material;
(9) 1.8 miles scarifying and reshaping existing roadbed;
(10) 623 sta. finishing rdwy.;
(11) 282 tons liquid asphalt SC-2 (penetration oil treatment);
(12) 145 tons liquid asphalt ROMC-4 (penetration oil treatment);
(13) 1,500 c.y. cover material (do).
(14) 400 lbs. bar reinf. steel (struc.);
(15) 12 c.y. Class A Portland cement concrete (struc.);
(16) 236 l.f. 12-in. CMP;
(17) 640 l.f. 18-in. CMP;
(18) 202 l.f. 24-in. CMP;
(19) 18 l.f. 30-in. CMP;
(20) 166 l.f. 60-in. CMP;
(21) 198 l.f. cleaning and relaying existing CMP culverts;
(22) 208 l.f. cleaning and salvaging do;
(23) 566 l.f. 12x12-in. laminated timber culvert;
(24) 62 l.f. 18x12-in. do;
(25) 28 l.f. 24x12-in. do;
(26) 80 l.f. 24x18-in. do;
(27) 88 each culvert markers;
(28) 109 each monuments.

Total bids follow:
(A) C. F. Frederickson & Sons, Lower Lake, $79,235.40.
(B) Hemstreet & Bell, Marysville, $92,574.00.

Unit bids follow:

	(A)	(B)
(1)	$150.00	$150.00
(2)	2.00	2.00
(3)	.295	.40
(4)	.01	.01
(5)	2.00	1.00
(6)	1.50	1.50
(7)	.60	.50
(8)	.75	.75
(9)	150.00	300.00
(10)	5.00	5.00
(11)	21.00	20.00
(12)	27.00	26.00
(13)	3.00	2.50
(14)	.10	.10
(15)	30.00	40.00
(16)	1.40	1.50
(17)	3.00	2.00
(18)	3.00	2.00
(19)	4.50	3.50
(20)	12.00	14.00
(21)	1.00	.75
(22)	.75	.75
(23)	2.00	3.50
(24)	3.00	3.75
(25)	3.50	4.00
(26)	3.50	4.25
(27)	2.00	2.50
(28)	3.00	3.00

CONTRACT AWARDED

CLARK COUNTY, Nevada.—Pacific Const. Co., 334 Stockton Street, San Francisco, at $82,602.39 submitted low bid and awarded contract by Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Clark County, Route 5, Section C, from eight miles south of Railroad Pass to Railroad Pass, a length of approximately 8.3 miles.

J. A. Casson, Hayward, Calif., at $82,682.26 submitted second low bid.

CONTRACT AWARDED

LOS ANGELES and Orange Counties, Cal.—R. E. Campbell Const. Co., 208 W. 6th St., Los Angeles, at $332,-9[illegible] awarded contract by State Highway Commission, Sacramento, for about [illegible] miles grading and surfacing with selected material base in Los Angeles and Orange Counties, between Luitwieler Ave. and La Mirada Ave.

CONTRACT AWARDED

PLUMAS County, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $67,255 awarded contract by the State Highway Commission at Sacramento, for about 5.5 miles grading, applying road-mix surface treatment and seal coat in Plumas County between Ede's Ranch and Beckwith Pass.

SAN FRANCISCO—FIRE CISTERNS—(CITY)

SAN FRANCISCO.—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $25,948 submitted low bid to the Department of Public Works, City Hall under Spec. No. 18,873 for the construction of four reinforced concrete fire cisterns, Group 2, A.W.S.S. for Fire Protection.

The work involves:
(1) One 75,000-gallon reinforced concrete cistern at Broadway & Van Ness Ave.,
(2) One 75,000-gallon reinforced concrete cistern at Union Street and Van Ness Ave.,
(3) One 75,000-gallon reinforced concrete cistern at Lombard Street and Van Ness Ave.;
(4) One 75,000-gallon reinforced concrete cistern at Bay St. and Van Ness Ave.;
(5) 112 c.y. test trench excavation, including backfill;
(6) 248 s.f. repaving test trenches.

Total bids follow:
(A) Sibley Grading & Teaming Co., $25,948.
(B) Theo. Cohn, $26,865.00.
(C) MacDonald & Kahn Co., Ltd., $27,780.40.
(D) C. C. W. & H. H. Haun, $27,898.40.
(E) Chas. L. Harney, $29,942.40.

All bidders of San Francisco.

Unit bids follow

	(A)	(B)	(C)	(D)	(E)
(1)	$6400.00	$5950.00	$7000.00	$6600.00	$7425.00
(2)	6400.00	6550.00	6370.00	6700.00	7425.00
(3)	6400.00	7226.00	7000.00	6800.00	7425.00
(4)	6400.00	6850.00	7000.00	7500.00	7425.00
(5)	2.00	2.00	3.00	2.00	1.50
(6)	.50	.25	.30	.30	.30

TEHAMA COUNTY—Red Bluff Undercrossing—(STATE)

TEHAMA COUNTY, Calif.—N. M. Ball Sons Co., P. O. Box 404, Berkeley at $91,790 submitted low bid to State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of Southern Pacific Railroad about one-half mile south of Red Bluff, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.45 mile of roadway to be graded and paved with Portland cement concrete pavement.

The work involves:
(1) 430 M. gals. water;
(2) 27,000 c.y. rdwy. excav., unclass.;
(2) 1550 cu. yds. struc. excav.;
(4) 630,000 sta. yds. overhaul;
(5) 5,600 c.y. selected imported material;
(6) 150 c.y. concrete to be removed and disposed of;
(7) 6,400 sq. yds. subgrade for pave.;
(8) 15 stations finishing rdwy.;
(9) 300 c.y. bituminous borders and surfacing;
(10) 2 tons asph. emulsion 90-95;
(11) 17 c.y. sand or fine screenings (seal coat);
(12) 930 c.y. Class A Portland cement concrete (pavement;
(13) 1,325 c.y. do (structure);
(14) 2,600 each pavement dowels;
(15) 25,000 lbs. bar reinf. steel;
(16) 2 each cast steel drop inlet covers and frames;
(17) 320,000 lbs. fabricated struc. steel
(18) 482 l.f. 18-in. CMP;
(19) 74 l.f. 36-in. CMP;
(20) 54 c.y. Class A Portland cement concrete (sidewalks);
(21) 132 c.y. do (curbs and gutters);
(22) 2 each culvert markers;
(23) 3 each monuments;
(24) 1 lot misc. items of work.

Total bids follow:
(A) N. M. Ball Sons Co., Berkeley, $91,790.00.
(B) C. W. Caletti & Co., San Rafael, $93,203.50.
(C) Paul J. Tyler, Oroville, and Lord & Bishop, Sacramento, $93,516.00.
(D) A. Teichert Son, Inc., Sacramento, $102,735.00.
(E) MacDonald & Kahn Co., Ltd., San Francisco, $112,550.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 2.00	$ 1.50	$ 2.00	$ 2.50	$ 2.50
(2)	.50	.60	.55	.70	.85
(3)	1.20	1.50	1.50	2.40	2.00
(4)	.01	.0075	.0075	.005	.006
(5)	75	1.00	.80	70	.90
(6)	3.00	4.00	6.50	5.00	3.00
(7)	.15	.20	.20	.14	.12
(8)	10.00	7.50	10.00	10.00	10.00
(9)	2.50	1.60	2.50	3.50	4.00
(10)	40.00	30.00	40.00	50.00	60.00
(11)	5.00	3.00	2.50	5.00	3.00
(12)	12.00	12.50	12.00	15.00	13.00
(13)	17.00	15.00	18.00	19.80	19.00
(14)	.40	.25	.25	.20	.30
(15)	.055	.05	.052	.06	.06
(16)	20.00	50.00	40.00	40.00	30.00
(17)	.065	.07	.068	.062	.09
(18)	2.00	2.50	1.75	2.50	2.25
(19)	6.00	5.00	5.00	6.00	5.00
(20)	16.00	17.00	16.00	20.00	13.00
(21)	17.00	17.00	16.00	20.00	15.00
(22)	2.50	2.00	2.00	5.00	4.00
(23)	3.00	3.00	3.00	5.00	4.00
(24)	1500.00	1000.00	500.00	2500.00	2000.00

COMPLETE BID LISTING

WHITE PINE COUNTY, Nev.—Pacific Coast. Co., 334 Stockton St., San Francisco, at $48,505.05, as previously reported, submitted low bid and was awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City for the construction of a portion of the State Highway System in White Pine County, Route 4, Section 23, within the city of Ely, a length of approximately 0.88 mile.

The work involves:
(1) lump sum, move residence;
(2) lump sum, move garage;
(3) 244 l.f. remove fence;
(4) 275 l.f. remove culvert pipe;
(5) 125 c.y. remove concrete;
(6) 4,960 c.y. rdwy. excavation;
(7) 5,163 sta. yds. overhaul;
(8) 526 c.y. structure excavation;
(9) 0.88 mile subgrade;
(10) 0.88 mile finish roadway;
(11) 2,770 c.y. subbase (pitrun gravel)
(12) 2,840 c.y. crush. gravel or stone surface (roadway);
(13) 260 c.y. do (sidewalk);
(14) 610 c.y. Class A concrete;
(15) 9 c.y. Class B concrete;
(16) 42,690 lbs. reinforcing steel;
(17) 465 lbs. structural steel;
(18) 50 c.y. cement rubble masonry;
(19) 18 l.f. 18-in. CMP (dipped);
(20) 206 l.f. 12-in. do;
(21) 6 l.f. 24-in. do;
(22) 6 l.f. 24-in. do;
(23) 185 l.f. reconstruct fence;
(24) 2,275 lbs. casitngs;
(25) 4 each remove trees;
(26) 14 each, adjust water valve boxes
(27) 2 each, move gas tanks and pump
(28) 5 each, adjust manholes;
(30) lump sum, remove auto wrecks;
(31) 4 each, move street signs.

Total bids follow:
(A) Pacific Coast. Co., San Francisco, $48,505.05.
(B) Geo. French, Jr., Stockton, Cal., $51,349.80.
(C) Engineer's estimate, $49,619.99.

Unit bids follow:

	(A)	(B)	(C)
(1)	$700.00	$1500.00	$ 500.00
(2)	100.00	100.00	100.00
(3)	.10	.10	.10
(4)	2.00	1.00	2.00
(5)	5.00	10.00	5.00
(6)	.90	1.50	1.15
(7)	.05	.05	.03
(8)	1.50	1.50	1.25
(9)	300.00	100.00	500.00
(10)	300.00	200.00	500.00
(11)	1.80	1.00	2.00
(12)	1.80	1.00	2.00
(13)	3.00	2.00	3.00
(14)	35.00	40.00	35.00
(15)	35.00	40.00	30.00
(16)	.10	.10	.10
(17)	.15	.10	.10
(18)	20.00	20.00	15.00
(19)	2.00	2.00	1.25
(20)	3.00	2.50	2.00
(21)	4.00	3.00	3.00
(22)	5.00	4.00	3.50
(23)	.15	.15	.12
(24)	.20	.20	.20
(25)	30.00	20.00	15.00
(26)	10.00	10.00	10.00
(27)	100.00	250.00	50.00
(28)	30.00	50.00	20.00
(29)	30.00	20.00	15.00
(30)	500.00	1000.00	200.00
(31)	10.00	5.00	5.00

BIDS RECEIVED

MOHAVE COUNTY, Arizona.—Bids were received by the Bureau of Public Roads, 414 Title & Trust Building, Phoenix, for placing bituminous treated surfacing on Sections A, B, C, D, and E of Federal Lands Highway Proj. No. 2, the Kingman - Boulder Dam Highway, Mohave County, a length of 25.277 miles, but were not opened and will be held temporarily pending a decision as to whether the work will be done by the State of Arizona or the Bureau of Public Roads.

BIDS OPENED

SAN FRANCISCO.—Fay Improvement Co., 760 Market St., at $1,859.63 submitted low bid to the Department of Public Works, City Hall, under Spec. No. 18,913, for the improvement of the frontage of Angelo J. Rossi Playground on Rossi Ave. between Anza and Turk Sts., involving:
(1) 475 l.f. unarmored concrete curb;
(2) 7,125 s.f. asphaltic concrete pave.

Complete bids follow.

Fay Improvement Co.: (1) $0.69; (2) $0.215; total, $1,859.63.

A. G. Raisch: (1) $1, (2) $0.20; total $1,900.

C. L. Harney: (1) $1; (2) $0.2025; total, $1,917.81.

Eaton & Smith, (1) $1; (2) $0.21; total, $1,971.25.

Bids held under advisement.

BIDS REJECTED

SAN DIEGO COUNTY, Calif.—All bids received by the State Highway Engineer, Los Angeles, December 6, for about 3.3 miles grading in San Diego County on Palomar Mountain Road between Iron Spring Creek and the Observatory site, have been rejected by the State Highway Commission, and the work will be readvertised

CONTRACT AWARDED

SONOMA CO., Cal.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $60,856.70 awarded contract by the State Highway Commission, Sacramento, for about 1.8 miles grading and surfacing with crusher run base and bituminous macadam in Sonoma County between Stony Point Road and Cotati.

PLACER COUNTY — 1.5 Mi. Grade and Surface — (State)

PLACER COUNTY, Cal. — Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $28,131.30 submitted low bid to the State Highway Commission, Sacramento, for about 1.5 miles grading, a portion to be surfaced with crusher run base, and seal coat applied, in Placer County at various locations between Lincoln and Newcastle.

The work involves:
(1) 77 stations clearing and grubbing right of way;
(2) 315 M gals. water;
(3) 25,200 c.y. rdwy. excav., unclass.;
(4) 1,200 c.y. struc. excav.;
(5) 350 c.y. ditch and channel excav.
(6) 110,000 sta. yds. overhaul;
(7) 77 stations finishing rdwy.;
(8) 980 tons crusher run base;
(9) 5 tons liquid asph. SC-1A (prime coat);
(10) 18 tons sand (prime coat);
(11) 3.5 tons liquid asph. 90-95 (seal coat);
(12) 41 tons fine screenings (seal coat)
(13) 5,000 lbs. bar reinf. steel;
(14) 66 c.y. Class A Portland cement concrete (struc.);
(15) 46 l.f. 8-in. CMP;
(16) 132 l.f. 12-in. CMP;
(17) 762 l.f. 18-in. CMP;
(18) 176 l.f. 24-in. CMP;
(19) 38 l.f. 30-in. CMP;
(20) 42 l.f. 36-in. CMP;
(21) 102 l.f. 18-in. CMP (siphon);
(22) 84 l.f. exist. CMP culverts to be removed, cleaned and salvaged;
(23) 1 each culvert headwall to be removed and reset;
(24) 1 each spillway assembly;
(25) 1 each 8-in. slide headgate;
(26) 1 each 24-in. do;
(27) 1 each cast steel frame and cover for drop inlet;
(28) 90 l.f. laminated guard railing;
(29) 34 each culvert markers;
(30) 64 each guide posts;
(31) 0.55 mile stand. property fence;
(32) 0.6 mile special property fence;
(33) 6 each drive gates;
(34) 1.2 miles moving and resetting existing property fences;
(35) 21 c.y. existing concrete to be removed and disposed of;
(36) 42 each monuments complete in place.

Total bids follow:
(A) Hemstreet & Bell, Marysville, $28,131.30.
(B) J. R. Reeves, Sacramento, $28,278.10.
(C) L. C. Seidel, Oakland, $28,490.10.
(D) Claude C. Wood, Stockton, $28,519.85.
(E) A. Teichert & Son, Inc., Sacramento, $28,879.07.
(F) Leo F. Piazza, San Jose, $29,501.35.
(G) Kennedy Constr. Co., Oakland, $34,538.70.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$10.00	$20.00	$15.00	$10.00	$15.00	$4.28	$40.00
(2)	1.00	2.00	1.00	2.00	1.50	1.50	2.00
(3)	.55	.39	.46	.50	.52	.48	.60
(4)	1.25	2.00	2.00	1.50	1.30	1.25	2.00
(5)	.75	2.00	.60	1.50	1.00	1.25	1.50
(6)	.005	.01	.01	.01	.005	.006	.01
(7)	5.00	5.00	6.00	7.50	6.00	14.20	10.00
(8)	3.50	3.20	4.00	3.10	3.20	5.04	3.00
(9)	25.00	15.00	30.00	40.00	25.00	20.00	20.00
(10)	3.00	3.00	4.00	3.00	3.50	3.17	4.00
(11)	30.00	25.00	35.00	40.00	30.00	30.00	35.00
(12)	4.00	5.00	4.00	3.25	4.50	6.23	4.00
(13)	.06	.06	.06	.07	.06	.06	.07
(14)	27.00	25.00	24.00	30.00	27.00	25.00	30.00
(15)	1.00	2.10	1.00	1.00	1.00	1.40	1.35
(16)	1.25	2.30	1.50	1.25	1.50	1.68	1.70
(17)	1.65	2.75	2.00	2.00	2.50	2.22	2.35
(18)	2.50	3.50	2.50	2.60	3.00	3.26	3.50
(19)	2.25	3.75	3.40	3.25	3.60	3.90	4.25
(20)	4.50	5.20	4.70	5.00	5.50	5.92	6.50
(21)	2.50	3.50	2.00	2.50	3.20	2.71	2.75
(22)	.50	2.00	1.00	1.00	.50	.50	1.00
(23)	20.00	20.00	20.00	16.00	25.00	15.00	20.00
(24)	15.00	20.00	20.00	18.00	16.00	20.00	15.00
(25)	20.00	25.00	10.00	20.00	25.00	20.00	20.00
(26)	26.00	35.00	16.00	20.00	35.00	30.00	30.00
(27)	28.00	10.00	35.00	40.00	45.00	25.00	50.00
(28)	1.25	1.50	1.00	2.00	1.50	1.50	1.50
(29)	2.25	2.50	2.50	3.00	2.50	3.10	3.00
(30)	2.25	2.50	2.50	3.00	2.50	3.10	3.00
(31)	600.00	500.00	500.00	400.00	600.00	600.00	500.00
(32)	900.00	600.00	800.00	600.00	700.00	892.80	800.00
(33)	18.00	20.00	20.00	15.00	20.00	37.00	25.00
(34)	300.00	500.00	500.00	250.00	400.00	327.00	300.00
(35)	5.00	7.00	4.00	3.00	4.50	4.00	3.00
(36)	3.00	4.00	3.00	3.00	3.50	3.00	3.00

ORANGE CO., Cal.—C. F. Robbins, 307 W 8th St., Room 915, Los Angeles, at $42,487 submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for about 1.3 miles grading and paving with Portland cement concrete in Orange County, south Main St. in Santa Ana, between Delhi Road and Fairview Ave.

The work involves:
(1) 68 stations clearing and grubbing right of way;
(2) 50 M. gals. water;
(3) 4,000 c.y. rdwy. excav.;
(4) 900 c.y. struc. excav.;
(5) 4,720 sq. yds. preparing subgrade
(6) 68 stations finishing rdwy.;
(7) 810 c.y. Class A Portland cement concrete (pavement);
(8) 4,000 lbs. bar reinf. steel;
(9) 1,850 each pavement dowels;
(10) 30 c.y. Class A Portland cement concrete (struc.);
(11) 200 lbs. misc. iron and steel;
(12) 800 c.y. Class A Portland cement concrete (curbs and sidewalks);
(13) 420 l.f. curb armor;
(14) 5 l.f. pipe hand rail;
(15) 780 c.y. removing exist. concrete;
(16) 25 each move and reset ornamental light standards;
(17) 3,000 l.f. moving and replacing existing lighting conduit and cable;
(18) 470 l.f. 1½-in. conduit;
(19) 1,000 l.f. cable;
(20) 610 l.f. 4-in. vit. clay pipe.

Total bids follow:
(A) C. F. Robbins, Los Angeles, $42,487.00.
(B) Basich Bros., Torrance, $44,953.00.

The unit bids follow:

	(A)	(B)
(1)	$75.00	$20.00
(2)	2.00	2.00
(3)	1.20	1.25
(4)	1.50	2.00
(5)	.15	.20
(6)	5.00	20.00
(7)	12.50	10.00
(8)	.05	.05
(9)	.12	.20
(10)	30.00	20.00
(11)	.15	.12
(12)	15.00	18.00
(13)	1.00	2.00
(14)	5.00	10.00
(15)	4.00	5.00
(16)	20.00	50.00
(17)	.25	1.00
(18)	.60	.50
(19)	.60	1.00
(20)	1.50	2.00

29

LOS ANGELES COUNTY, Cal.—R. E. Campbell, 711 Central Bldg., Los Angeles, at $61,182, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.5 miles grading and constructing a timber bridge in Los Angeles County on Somerset Ave., bet. Spring Street and Hathaway Ave.

The work involves:
(1) 134 stations clearing and grubbing right of way;
(2) 300 M. gals. water;
(3) 29,500 c.y. rdwy. excav., unclass.
(4) 680 c.y. struc. excav.;
(5) 193,000 sta. yds. overhaul;
(6) 134 sta. finishing rdwy.;
(7) 16,000 lbs. bar reinf. steel;
(8) 175 c.y. Class A Portland cement concrete (structures);
(9) 18,600 lbs. steel rail assemblies;
(10) 9,240 lbs. misc. iron and steel;
(11) 950 lbs. struc. metal;
(12) 8 MFBM Douglas fir, treated;
(13) 30.2 MFBM dense, select, all-heart, struc. redwood;
(14) 2 MFBM select, all heart, struc. redwood;
(15) 1,300 l.f. furnishing Douglas fir piles, treated;
(16) 37 each driving piles;
(17) 140 l.f. 18-in. CMP;
(18) 14 each culvert markers.

The total bids were:
(A) R. E. Campbell, Los Angeles, $61,182.
(B) Oswald Bros., Los Angeles, $62,812.35.
(C) Sully - Miller Constr. Co., Long Beach, $62,936.30

The unit bids were:

	(A)	(B)	(C)
(1)	$ 15.00	$ 6.00	$28.00
(2)	1.60	2.30	1.50
(3)	1.43	1.52	1.10
(4)	2.25	1.95	2.00
(5)	.005	.006	.015
(6)	5.00	4.50	35.00
(7)	.15	.16	.06
(8)	20.00	21.50	40.00
(9)	.05	.06	.03
(10)	.15	.14	.15
(11)	.10	.08	.10
(12)	100.00	100.00	75.00
(13)	115.00	110.00	76.50
(14)	110.00	100.00	70.00
(15)	60.00	1.07	1.30
(16)	28.00	18.25	30.00
(15)	.60	.67	1.30
(17)	2.00	2.00	3.50
(18)	3.00	2.50	5.00

29

CONTRACT AWARDED

STOREY & LYON COUNTIES, Nevada.—Nevada Rock & Sand Co., Inc., 949 E 4th St., Reno, at $180,004.44 submitted low bid and awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Storey and Lyon Counties between Virginia City and Silver City, Route 17, Sections B and A2, a length of approximately 5.19 mi. Pacific Const. Co., San Francisco, at $206,323.24 submitted second low bid.

CONTRACT AWARDED

SAN LUIS OBISPO COUNTY, Cal. —A. Teichert & Sons, Inc., P. O. Box 1113, Sacramento, at $177,031 awarded contract by the State Highway Commission, Sacramento, for about 6.6 miles of grading and surfacing with crusher run base and road-mix surfacing in San Luis Obispo County between one mile east of Cholame and the Kern County line.

CONTRACT AWARDED

TEHAMA COUNTY, Calif. — Hemstreet & Bell, P. O. Box 550, 501 11th St., Marysville, at $146,014.70 awarded concract by the State Highway Commission, Sacramento, for 14.8 mi. of roadbed widening and constructing widening strips consisting of plant-mixed surface (medium curing type) on unrteated crushed gravel or stone base, in Tehama County between the southerly boundary and 3 miles north of Los Molinos.

L. A. CO.—Firestone Blvd. Undercrossing—State

LOS ANGELES CO., Cal.—Shofner & Gordon, 1831 N. Main St., Los Angeles, at $106,024 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway Company in Los Angeles County at Firestone Blvd., Los Angeles.

The work involves:
(1) 1,010 cu.yds. existing concrete to be removed and disposed of;
(2) 1 lot clearing and grubbing;
(3) 110,000 gals. water;
(4) 4,200 cu.yds. roadway excav.;
(5) 1,080 cu.yds. struc. excav.;
(6) 3,800 sq.yds. subgrade for pavement;
(7) 1 lot finishing roadway;
(8) 620 tons mineral aggregate (plant-mixed surface.);
(9) 35 tons liq. asphalt MC-5 or MC extra heavy (plant-mixed surf.);
(10) 5 tons liquid asphalt MC-2 (prime coat);
(11) 1,400 tons asphalt concrete;
(12) 75 cu.yds class A Portland cement concrete (pave.);
(13) 120 cu.yds. class A Portland cement concrete (curbs, gutters and sidewalk);
(14) 2,200 cu.yds. class A Portland cement concrete (struc.);
(15) 120 each pave. dowels;
(16) 160,000 lbs. bar reinf. steel;
(17) 460,000 lbs. fabricated structural steel,
(18) 900 sq.yds. membrane waterproofing;
(19) 850 lin.ft. perf. metal drains;
(20) 4,900 lin.ft reinf. concrete piles, including test piles;
(21) 400 lin.ft. curb armor;
(22) 600 lin.ft. pipe handrail;
(23) 3,500 sq.ft reinf. concrete crib wall;
(24) 1 lot misc. items of work.

Total bids follow:
(A) Shofner & Gordon, Los Angeles, $106,024.
(B) Oscar Oberg, Los Angeles, $119,422.
(C) Carlo Bongiovanni Const. Co., Los Angeles, $122,224.
(D) Lynch-Cannon Eng. Co., Los Angeles, $122,984.
(E) Byert & Dunn, Los Angeles $123,936.50.
(F) Basich Bros., Torrance, $124,107
(G) H. M. Baruch Corp., Ltd., Los Angeles, $129,715.
(H) Griffith Co., Los Angeles, $139,201.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.70	$ 5.00	$ 2.00	4.00	$ 3.60	$ 3.00	$ 2.00	$ 3.00
(2)	200.00	2200.00	500.00	1600.00	600.00	1000.00	500.00	200.00
(3)	1.50	2.00	1.10	2.00	1.25	1.00	1.60	1.10
(4)	.45	.50	.50	.40	.50	.60	.40	.60
(5)	1.25	5.00	1.25	4.00	1.25	1.25	1.00	2.00
(6)	.13	.22	.10	.15	.18	.15	.15	.12
(7)	250.00	2200.00	400.00	500.00	600.00	250.00	500.00	150.00
(8)	3.75	2.80	3.40	3.50	3.00	3.75	3.50	3.00
(9)	20.00	16.80	15.00	18.00	17.00	20.00	14.00	14.00
(10)	35.00	28.00	30.00	30.00	30.00	22.00	25.00	18.00
(11)	4.00	6.50	4.00	3.75	3.70	4.50	4.00	3.50
(12)	12.00	22.00	10.00	15.00	17.00	13.00	12.00	10.00
(13)	13.00	16.00	15.00	15.00	18.00	15.00	15.00	16.00
(14)	18.00	12.00	18.00	17.00	17.00	18.50	20.50	21.50
(15)	.18	.10	.15	.20	.20	.10	.19	.20
(16)	.037	.025	.0425	.04	.045	.04	.054	.045
(17)	.045	.05	.0575	.05	.06	.055	.065	.053
(18)	.70	.80	1.00	.80	2.25	1.00	.90	1.00
(19)	.30	.40	1.00	.60	.80	.80	.80	1.00
(20)	1.65	1.30	2.25	1.50	1.65	2.00	1.60	4.00
(21)	1.00	.80	.90	1.00	.80	1.00	.90	1.00
(22)	5.00	3.70	3.82	4.00	3.50	4.25	3.00	4.00
(23)	1.50	2.00	3.00	2.35	2.25	2.75	3.00	3.00
(24)	856.40	8500.00	1573.00	5000.00	4900.00	2200.00	582.00	2200.00

BIDS OPENED

LOS ANGELES COUNTY, Cal.—P. K. Akmadzich, 3028 Gilroy Street, Los Angeles, at $10,887 submitted low bid to the Division of Highways, S. V. Cortelyou, District Engineer, State Bldg., Los Angeles, for 0.2 mile paving with asphalt concrete on Los Feliz Road in the City of Glendale between San Fernando and Southern Pacific Railroad.

The work involves:
(1) 210 cu. yds. roadway excavation unclass.;
(2) 210 cu. yds. structure excav.;
(3) 850 sq. yds. subgrade preparation
(4) 875 tons asphalt concrete in place (base and leveling course);
(5) 525 tons asphalt concrete in place (Type B surface course);
(6) 70 lbs. bar reinforcing steel in place (structures);
(7) 1 cu. yd Class A Portland cement concrete in place (strucs.)
(8) 14 lin. ft. 12-in. CMP (14 gauge) complete in place;
(9) 14 lin. ft. 15-in. CMP (14 gauge) complete in place;
(10) 180 lin. ft. 6-in. vitrified clay pipe sewers in place (house connections);
(11) 165 cu. yds. Class A Portland cement concrete in place (curbs, gutters, sidewalks and driveways);
(12) 190 lin. ft. curb armor in place;
(13) 4900 sq. yds. asph. paint binder in place;
(14) 50 pounds miscellaneous iron and steel in place;
(15)2 manholes adjusted to grade;
(16) 205 cu. yds. existing Portland cement concrete removed and disposed of.

Total bids follow:
(A) P. J. Akmadzich, Los Angeles, $10,887.
(B) Southwest Paving Co., Roscoe, $13,777.50.
(C) Griffith Co., Los Angeles, $14,-340.65.

Unit bids follow:

	(A)	(B)	(C)
(1)	$2.50	$ 3.00	$ 3.60
(2)	2.50	3.00	2.60
(3)	.20	.25	.20
(4)	3.00	3.50	4.20
(5)	3.50	4.00	4.45
(6)	.15	.25	.20
(7)	35.00	50.00	35.00
(8)	1.00	3.00	2.70
(9)	1.50	3.25	2.90
(10)	1.00	2.00	1.50
(11)	18.00	30.00	30.00
(12)	1.50	2.00	1.50
(13)	.10	.05	.04
(14)	.20	.25	.20
(15)	15.00	20.00	18.00
(16)	4.00	4.00	5.00

COMPLETE BID LISTING

CLARK COUNTY, Nevada.—Pacific Const. Co., 334 Stockton Street, San Francisco, at $83,860.40, as previously reported, submitted low bid and was awarded contract by the Nevada State Highway Directors, Robert A. Allen, State Highway Engineer, Carson City, for the construction of a portion of the State Highway System in Clark County, within the City of Las Vegas, a length of approximately 2.5 miles.

The work involves:
(1) 1 each remove culvert headwall;
(2) 3,939 l.f. remove fence;
(3) lump sum, remove bridge (timber);
(4) 1 each, remove trees;
(5) 1 c.y. remove concrete;
(6) 11,120 c.y. rdwy. excav.;
(7) 29,132 sta. yds. overhaul;
(8) 32,111 c.y. select borrow;
(9) 395 c.y. structure excavation;
(10) 2.5 miles subgrade;
(11) 2.5 miles finish roadway;
(12) 10,090 tons crush. gravel or stone surface (roadway);
(13) 930 tons do (sidewalk);
(14) 552 c.y. Class A concrete;
(15) 13,070 lin. ft. grouted cobblestone gutter;
(16) 28,150 lbs. relnf. steel;
(17) 124 l.f. 12-in. CMP (dipped);
(18) 40 l.f. 18-in. vit. pipe culvert;
(19) 3,930 lbs. castings;
(20) lump sum, reconstruct pump house;
(21) 2 each, move fire hydrants;
(22) 1 each, move sign board;
(23) 1 each, move power pole;
(24) 80 l.f. remove and reset 2-inch water pipe;
(25) 3,924 l.f. reconstruct fence.

Total bids follow:
(A) Pacific Const. Co., San Francisco, $83,860.40.
(B) J. A. Casson, Hayward, Calif., $84,538.42.
(C) Dodge Const., Inc., Fallon, $93,-473.76.
(D) Engineer's estimate, $88,475.43.

Unit bids follow:

	(A)	(B)	(C)	(D)
(1)	$10.00	$10.00	$15.00	$10.00
(2)	.10	.10	.04	.05
(3)	100.00	500.00	150.00	50.00
(4)	30.00	20.00	15.00	10.00
(5)	15.00	10.00	15.00	10.00
(6)	.80	1.00	.60	1.00
(7)	.05	.02	.05	.05
(8)	.80	1.00	1.00	1.00
(9)	2.00	1.00	1.50	1.50
(10)	250.00	200.00	100.00	200.00
(11)	250.00	100.00	200.00	100.00
(12)	1.00	.75	1.10	1.00
(13)	3.00	1.50	1.10	2.50
(14)	35.00	35.00	40.00	35.00
(15)	.65	.50	1.00	.50
(16)	.08	.07	.07	.07
(17)	2.00	1.50	3.00	1.50
(18)	3.00	2.00	5.00	2.50
(19)	.20	.20	.20	.20
(20)	300.00	200.00	150.00	250.00
(21)	10.00	10.00	35.00	10.00
(22)	10.00	10.00	35.00	10.00
(23)	50.00	25.00	35.00	25.00
(24)	2.00	1.00	.75	1.00
(25)	.15	.12	.15	.12

PREPARING SPECIFICATIONS

SAN MATEO, San Mateo Co., Cal.—City Manager E. P. Wilsey is preparing plans and specifications for widening El Camino Real at the Peninsula Ave. School. The east side of the highway just north of Barrollhet Ave. will be widened 10 ft. and existing curbs, gutters and sidewalks will be removed and reconstructed on a 6-in. hydraulic cement concrete base finished with a 2-in. asphaltic concrete wearing surface.

Preliminary estimates of the work involved are:
(1) 580 s.f. concrete pavement;
(2) 8 tons asphaltic concrete wearing surface;
(3) 133 l.f. concrete curbs and gutters;
(4) 860 s.f. concrete sidewalk.

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $13,560.86 awarded contract by the Oakland City Council, for the repair of Adeline St., between Aileen St. and Stanford Ave.

SAN BERNARDINO CO.—2.7 Miles Grading—State

SAN BERNARDINO COUNTY, Cal.—Dimmitt & Taylor, 815 E. 59th St., Los Angeles, at $62,278.60 submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for about 2.7 miles grading and treating with liquid asphalt and constructing a timber pile trestle in San Bernardino County between the Los Angeles County line and Pipe Line Ave.

The work involves:
(1) 1,660 M. gals. water;
(2) 57,400 c.y. rdwy. excav.;
(3) 710 c.y. struc. excav.;
(4) 20,400 c.y. imported selected material;
(5) 1,100,000 sta. yds. overhaul;
(6) 142 stations finishing rdwy.;
(7) 363 tons liquid asphalt SC-2 (road mix surface treatment);
(8) 35,300 sq. yds. preparing, mixing and shaping roadbed;
(9) 37 tons liquid asphalt 90-95 (seal coat);
(10) 441 tons screenings (seal coat);
(11) 54 MFBM dense, select, all-heart structural redwood;
(12) 20 MFBM select, all heart, structural redwood;
(13) 4,000 l.f. furnishing Douglas fir piles (treated);
(14) 136 each driving piles;
(15) 30 l.f. 18-in. CMP;
(16) 776 l.f. 24-in. CMP;
(17) 114 l.f. 30-in. CMP;
(18) 146 l.f. 36-in. CMP;
(19) 51 l.f. remove and salvage pipe culverts;
(20) 500 l.f. laminated guard railing;
(21) 32 each culvert markers;
(22) 125 each guide posts;
(23) 4.4 miles new property fence;
(24) 53 each monuments.

The total bids follow:
(A) Dimmitt & Taylor, Los Angeles, $62,278.60.
(B) Geo. J. Bock Co., Los Angeles, $63,757.40.
(C) A. S. Vinnell, Los Angeles, $63,-862.40.
(D) Basich Bros., Torrance, $63,905.55.
(E) Oswald Bros., Los Angeles, $64,-425.90.
(F) Matich Bros., Elsinore, $66,900.80.
(G) V. R. Dennis Const. Co., San Diego, $73,331.50.

The unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 1.00	$ 1.00	$ 1.50	$ .63	$ 2.30	$ 2.17	$ 1.25
(2)	.25	.26	.35	.30	.30	.30	.29
(3)	1.25	1.50	1.00	1.50	1.20	1.40	1.00
(4)	.67	.75	.60	.57	.63	.70	1.00
(5)	.005	.003	.004	.005	.002	.006	.007
(6)	10.00	5.00	3.00	5.00	3.00	7.50	5.00
(7)	9.00	10.00	7.30	9.00	11.00	7.50	9.00
(8)	.06	.06	.05	.06	.055	.054	.07
(9)	20.00	25.00	19.00	21.00	26.00	20.00	24.00
(10)	2.50	3.50	2.50	3.50	2.50	3.00	5.00
(11)	95.00	100.00	90.00	90.00	110.00	84.00	90.00
(12)	90.00	100.00	90.00	90.00	100.00	83.20	90.00
(13)	.60	.60	.68	1.10	.60	.52	.50
(14)	12.00	15.00	13.00	15.00	13.00	14.00	8.00
(15)	2.00	1.75	1.50	1.50	1.50	2.13	2.25
(16)	3.00	2.70	2.50	2.50	2.85	2.74	3.00
(17)	4.00	3.30	3.00	3.00	3.45	3.10	4.00
(18)	5.50	5.00	5.00	3.50	5.25	4.56	6.00
(19)	.60	1.00	1.00	.75	1.00	.60	1.00
(20)	1.00	1.00	1.00	1.75	1.00	1.00	1.00
(21)	2.50	2.00	2.00	2.00	2.50	1.50	2.00
(22)	2.50	2.00	2.00	2.00	2.50	1.50	2.00
(23)	420.00	560.00	500.00	400.00	550.00	490.00	400.00
(24)	3.50	3.00	2.00	2.00	3.00	2.50	3.00

CONTRACT AWARDED

ORANGE COUNTY, Cal.—Sully-Miller Contracting Co., 1500 W. 7th St., Long Beach, at $44,651.50 awarded contract by the State Highway Commission, Sacramento, for about 2.9 miles grading, surfacing with imported selected material, and a bituminous macadam armor coat applied in Orange County, on Bolsa Avenue between Bay Blvd. and Bolsa Chica Rd.

CONTRACT AWARDED

KERN COUNTY, Cal.—Stewart and Nuss, Inc., and John Jurkovich, 410 Thorne Avenue, Fresno, at $34,328.00 awarded contract by the State Highway Commission at Sacramento for about 1.3 miles grading in Kern Co. between the easterly entrance to Kern County Park and 1.25 miles easterly.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—Southwest Paving Co., Inc., 11402 Radford Ave., P. O. Box D, Roscoe, at $18,529.25 awarded contract by the State Highway Commission, Sacramento, for about 0.6 mile paving with asphalt concrete in the City of Glendale, between San Fernando Road and Central Avenue.

CONTRACT AWARDED

SAN FRANCISCO — Fay Improvement Co., 760 Market St., San Francisco, at $1859.63 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,913 for the improvement of the frontage of Angelo J. Rossi Playground on Rossi Ave., between Anza and Turk Sts.

CONTRACT AWARDED

KERN COUNTY, Calif. — Southern California Roads Co., 2145 E. 25th St., Los Angeles, at $67,509.50 awarded the contract by State Highway Commission, Sacramento, for about 5.1 miles grading and surfacing with road-mix surfacing in Kern County between 4 miles south of Shafter and Shafter.

CONTRACT AWARDED

RIVERSIDE COUNTY, Cal.—R. E. Hazzard & Sons, P. O. Box 1438, San Diego, at $28,456 awarded contract by the State Highway Commission, Sacramento, for placing plant-mixed surfacing on about 5.4 miles in Riverside County between 1.4 miles south of Thermal and the junction with Route 26.

CONTRACT AWARDED

VENTURA COUNTY, Calif.—Daley Corp., 4430 Boundary, San Diego, at $97,129.50 awarded contract by State Highway Commission, Sacramento, for about 2.4 miles grading and applying road-mix surface treatment in Ventura County between West Casitas Pass and East Casitas Pass.

CONTRACT AWARDED

MENDOCINO COUNTY, Cal.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $38,488 awarded contract by State Highway Commission, Sacramento, for about 1.75 miles grading, surfacing with creek run gravel and treating with liquid asphalt at The Oaks and Clow Creek in Mendocino County.

30—RESERVOIRS & DAMS

December 17, 1935

CONTRACT AWARDED

ALL - AMERICAN CANAL, Arizona-California. — Morrison-Knudsen Co., 1125 Title Guarantee Bldg., Los Angeles; Utah Const. Co., 1 Montgomery St., San Francisco, and Winston Bros. Co., 902 Title Guarantee Bldg., Los Angeles, jointly, at $4,374,340.60 were awarded contract by the Bureau of Reclamation, Yuma, under Spec. No. 644 for the construction of the Imperial Lateral, Desilting Works, All-American Canal System, Boulder Canyon Project. The work is located on the Colorado River about 18 miles northwest of Yuma.

The dam proper will be of concrete construction, 2930 feet in length, with crest about 31 ft. above the foundation. The central portion, 1200 feet in length, will be an overflow weir, of hollow concrete construction.

CONTRACT AWARDED

CASPER, Wyo.—Morrison Knudsen Co., Boise; Winston Bros. Company, Minneapolis, and Utah Const. Co., Ogden, jointly, at $2,759,800, on Schedule 1, awarded contract by the Bureau of Reclamation, Casper, under Spec. No. 630, for the construction of the Seminoe Dam and Power Plant, Casper - Alcova Project, Wyo. The work is located on the Platte River about 37 miles northeast of Parco, Wyoming.

CONTRACT AWARDED

SALT RIVER PROJECT, Arizona.—Allied Bridge & Const. Co., and the Central Bridge and Const. Co., Omaha Nebr., jointly, at $150,723 awarded a contract by the Bureau of Reclamation Phoenix, under Spec. No. 651, for construction of a spillway for the Stewart Mountain Dam, Salt River Project, Ariz. The work is located on the Salt River about 25 miles northeast of Mesa.

TIME EXTENDED

SANTA CLARA CO., Cal.—The P W A has approved an extension of time for completion of the Coyote Dam by the Macco Const. Co. from Jan. 1 to July 1, 1936.

Extension is due to unavoidable delays in obtaining suitable rock for facing the dam. Rock will be quarried about one mile east of the dam site instead of the immediate vicinity as originally planned. Additional cost is estimated at $70,000.

CONTRACT AWARDED

GRAND COULEE DAM, Wash.—L. R. Florri Co., St. Louis, at $110,232 awarded contract for furnishing 3,900,000 ft. of 1-in. steel pipe to artificially cool concrete at the dam.

ENGINEERS APPOINTED

EUREKA, Humboldt Co., Cal. The Eureka City Council has engaged F. C. Hermann, Merchants' Exchange Bldg., San Francisco, and Dr. George D. Louderback of the Department of Geology at the University of California, to make a complete survey of geological and engineering conditions at the Mad River Dam site.

Evan D. Gardner is City Engineer, and Clyde C. Kennedy, 74 New Montgomery St., San Francisco, is the consulting engineer on the Mad River project.

CONTRACT AWARDED

BONNEVILLE, Ore.—Pacific Construction Co., Route 8, Box 951, Seattle, at $40,730 awarded contract by the U. S. Engineer Officer, Second Portland District, Portland, under Bid No. 694-36-134, for furnishing, loading, hauling and placing loose and hand placed riprap on the slopes of the lower approach canal at Bonneville.

BIDS WANTED

BONNEVILLE, Ore.—Until Jan. 21, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-180, for furnishing transformers for the power plant of the Bonneville Power Navigation Project, about 40 miles east of Portland.

Bids will be taken as follows:

SCHEDULE 1

(1) 6 transformers, 16,000 kv-a, single phase, OIWC, 13.2/66 delta/115 Y kv.;

(2) services of erection superintendent 90 man days.

SCHEDULE 2

(1) 3 transformers, 1,667 kv-a, single phase, OIWC, 13.2/2.4 kv.

SCHEDULE 3

(1) 2 transformers, 1,000 kv-a, three phase, OIWC, 2,400/480 volts.

Delivery fob cars at factory shipping points for shipment under Government bills of lading.

Specifications obtainable from above office.

31—PIPE LINES & WELLS

CONTRACT AWARDED

SAN FRANCISCO.—E. J. Treacy, 309 Call Bldg., at $2,054.13 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 99, for the laying of 6- and 8-inch cast iron mains in the Pine Lake Park Subdivision.

32— SEWERS & SEWAGE DISPOSAL PLANTS

December 12, 1935

CONTRACT AWARDED

SAN FRANCISCO. — Hanson Bros., 5840 Mission St., at $795.75 submitted low b.d and awarded contract by the Department of Public Wks., City Hall for furnishing and installing a redwood tank, complete, including piping, fittings, etc., at the Richmond-Sunset Plant in Golden Gate Park.

Complete b.ds follow:

Hanson Brothers	$ 795.75
W. C. Akard	816.50
A. Lo Prest	836.00
Herman Lawson Co.	879.00
R. S. Silverberg	1,020.50

32

BIDS WANTED

LOS ANGELES, Cal.—Until Jan. 2, 10 A. M., bids will be received by the Los Angeles board of public works, Room 153, City Hall, for the installation of two duplicate sewage pumping units in Harbor Blvd. sewage pumping plant, San Pedro, PWA Project No. 5633, Unit No. 4-B. The work includes all connecting, piping, mechanical and electrical appurtenances.

Contracts Awarded.

HILLSBORO, Oregon. — Kero & Kibbe, 42 S. E. Salmon, Portland, at $96,097 for the sanitary sewer system (concrete pipe and joints) and the Warren Northwest, Inc., at $44,270, for the treatment plant, awarded contracts by the Hillsboro City Council.

BONDS DEFEATED

ARCADIA, Los Angeles Co., Cal.—The $150,000 sewer bond issue failed to carry at the election December 12 by a vote of 550 for and 906 against. The issue was to finance a loan to supplement a promised Federal grant of $121,909.

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal. San Francisco Bridge Company, 503 Market St., San Francisco, at $8631 awarded contract by the Richmond City Council for the repair of the fender system and dolphins at Wharf No. 2.

The original bid was $7457 on the fender system and $1690 on the dolphins, and an allowance of $516.76 was made on piles and butts.

E. A. Hoffman, City Engineer.

CONTRACT AWARDED

ASHLAND, Oregon.—Dunn & Baker, P. O. Box 458, Klamath Falls, at $76,831.95, awarded contract by the Ashland City Council for construction of a sewage disposal plant.

Ek & Lind, Portland, at $77,200.35 submitted the only other bid.

33— WATER WORKS

BONDS VOTED

MINA, Nevada.—A proposal to issue $36,000 in bonds to finance improvements to the city water system was voted at a special election in Mina December 10.

PWA funds are available if the county commissioners decide to accept them.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 7, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 193, for laying 6- and 8-in. cast iron mains in the area from 20th Ave. to 30th Ave., and from Lincoln Way to Rivera Street.

The work involves:

(1) 23,190 l.f. excavation and backfill (trench 17x36-in.);
(2) 370 c.y. additional excavation and backfill;
(3) 820 sq. ft. additional pavement removal and replacement;
(4a) 19,230 l.f. installation of 6-in. bell and spigot cast iron pipe;
(4b) 3,960 l.f. installation of 8-in. bell and spigot cast iron pipe;
(5) 12,860 lbs. installation of fittings, etc.;
(6) 2,710 l.f. making joints, bell and spigot;
(7) 32,850 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, General Manager and Chief Engineer.

BIDS WANTED

SAN FRANCISCO.—Until Jan. 8, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 58, for laying 12- and 16-in. feeder mains in the Central part of San Francisco.

The work involves:

(1) 850 roundabout cuts, removal of balls and sockets from 16-inch wrought iron submarine pipe;
(2) 6,700 l.f. cleaning of 16-in. wrought iron pipe;
(3) 6,700 l.f. dipping 16-in. do;
(4a) 21,130 l.f. excavation and backfill for 12-in. pipe trench, 24x44-in.;
(4b) 7,000 l.f. excavation and backfill for 16-in. pipe trench, 30x48-in.;
(5) 1,000 c.y. additional excavation and backfill;
(6) 1,900 sq. ft. additional pavement removal and replacement;
(7a) 21,130 l.f. installation of 12-inch bell and spigot cast iron pipe;
(7b) 400 l.f. installation of 16-in. do;
(7c) 6,600 l.f. installation of 16-inch wrought iron pipe;
(8) 92,640 lbs. installation of fittings, etc.;
(9a) 7,700 l.f. making joints for pipe and fittings, 12- and 16-in. cast iron B&S;
(9b) 530 joints, making joints for pipe and fittings, 16-in. wrought iron, complete;
(10) 68,800 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

PLANS COMPLETED

ATWATER, Merced Co., Cal.—Plans for improvemnts to the municipal water works have been completed by City Engineer W. E Bedesen, 135 21st St., Merced. The work will involve construction of about 8.2 miles of pipe line, a 75,000 gallon tank, and two pumps with 50-hp. motors.

The City approved a $50,000 bond issue on December 3 and is now awaiting approval of a loan and grant of $71,673 by the PWA.

CONTRACT AWARDED

WATSONVILLE, Santa Cruz Co., Cal.—Union Paving Co., Call Bldg., San Francisco, at $68,575.80 awarded contract by Watsonville City Council for constructing extensions and replacements for the municipal water system.

AWARD RECOMMENDED

PALO ALTO, Santa Clara Co., Cal.—The Board of Public Works has recommended to the PWA that a contract for furnishing steel pipe for use in connection with construction of a gas distributing center be awarded the Pacific Pipe Co., 201 Folsom St., San Francisco, at $7550.01 for pipe with McEverlast wrapping, long single lengths, rail and ocean shipment, 55-65 days delivery.

BIDS WANTED

SAN FRANCISCO. Until Jan. 7, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Spec. No. W. D. 102, for laying 6- and 8-in. cast iron mains in the Balboa Park District.

The work involves:

(1) 22,280 l.f. excavation and backfill (trench 17x36-in.)
(2) 360 c.y. additional excavation and backfill;
(3) 810 sq. ft. additional pavement removal and replacement;
(4a) 13,800 l.f. installation of 6-in. bell and spigot cast iron pipe;
(4b) 8,480 l.f. installation of 8-in. bell and spigot cast iron pipe;
(5) 14,620 lbs. installation of fittings, etc.;
(6) 2,950 l.f. making joints, bell and spigot;
(7) 32,300 sq. ft. repavement.

Plans and specifications obtainable at Room 605, San Francisco Water Department Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, General Manager and Chief Engineer.

CONTRACT AWARDED

LONG BEACH, Cal.—Western Pipe & Steel Corp., 5717 Santa Fe Avenue, Los Angeles, at $234,330 awarded contract (subject to PWA approval) by the Long Beach Water Department for furnishing and erecting six steel water storage tanks on Alamitos Hill.

34 — PARKS AND PLAYGROUNDS

BIDS WANTED

DOUGLAS, Arizona—Bids are being received by the Custodian, Inspection Station, Douglas, Arizona, for seeding and planting grounds at the U. S Inspection Station at Douglas.

BIDS WANTED

REDONDO BEACH, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Redondo Beach, for seeding and planting grounds at the Post Office at Redondo Beach.

BIDS WANTED

HUNTINGTON BEACH, Cal.—Bids are being received by the Custodian, U. S. Post Office, Huntington Beach, for seeding and planting the grounds at the U. S. Post Office, Huntington Beach.

BIDS WANTED

BELL, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Bell, for seeding and planting grounds at the Post Office at Bell.

BIDS WANTED

ORANGE, Cal.—Until December 3[illegible], bids will be received by Custodian, U. S. Post Office, Orange, for seeding and planting grounds at the Post Office, Orange.

BIDS WANTED

COMPTON, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, Compton, for seeding and planting grounds at the U. S. post office at Compton.

BIDS WANTED

PITTSBURG, Contra Costa Co., Cal. Bids are being received by the Custodian, U. S. Post Office, Pittsburg, for seeding and planting grounds at the U. S. post office, Pittsburg.

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Cal.—W. O. Tyson, Box 625, Redwood City, at $1,450 (Proposal 2) awarded contract by the Redwood Grammar School District for construction of a tennis court at the McKinley School.

Complete bids follow:

Proposal 1. Quarry run rock base;
Proposal 2: Emulsified asphalt, slurry base;

W. O. Tyson, Redwood City: (1) $1-300; (2) $1,450.

M. A. Grant, Redwood City: (1) $1,-394; (2) no bid.

Palo Alto Road Materials Co., Palo Alto: (1) $1,876; (2) $1,876.

BIDS REJECTED

MONTEREY, Calif. — Treasury Department rejected all bids received for seeding and planting grounds at the U. S. Post Office, Monterey. New bids will be asked shortly.

On previous bid opening lowest bid was submitted by Arthur Jones, Pacific Grove, at $427.

35— TUNNELS

CONTRACT AWARDED

CASPER, Wyo. — W. E. Callahan Const. Co. and Gunther & Shirley, 206 S Spring St., Los Angeles, at $794,948 awarded contract by the Bureau of Reclamation, Casper, under Spec. No. 649, for the construction of Tunnels Nos. 3, 4, 5 and 6 of the Casper Canal, Casper-Alcova Project.

Complete bids published Nov. 29.

35

BIDS WANTED

GRESHAM, Ore.—Until Dec. 27, 8 P. M., bids will be received by the Gresham City Council, Geo. W. Pace, City Recorder, City Hall, for the construction of a sewer system and disposal works.

Bids will be taken as follows:

Schedule A, sanitary sewer system;
Schedule B, storm water system;
Schedule C, sewage disposal plant.

Alternate bids will be received for both cement and vitrified clay sewer pipe.

The work will involve the furnishing and laying of approximately the following amount of pipe:

(1) 11,000 ft. 6-in.;
(2) 5,160 ft. 12-in.;
(3) 770 ft. 18-in.;
(4) 100 ft. 24-in.;
(5) 29,265 ft. 8-in.;
(6) 1,580 ft. 15-in.;
(7) 1,000 ft. 21-in.

Plans and specifications obtainable from the engineer, H. L. Gilbert, 707 Couch Bldg., Portland, upon deposit of $20.00.

U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month

25c per Copy

PACIFIC CONSTRUCTOR

DEPENDABLE AND ACCURATE

CONSOLIDATED WITH

Building and Engineering News

IN THIS ISSUE

SAN FRANCISCO PUBLIC LIBRARY

$500,000 State P. O. Contracts Let

Highway Division Awards Six WPH Jobs

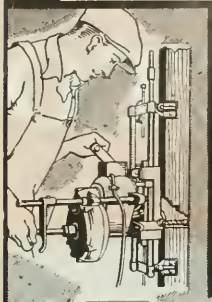
Building Permits, Advance Reports of Building and Engineering Projects

Unit Price Review

ember 28, 1935

Vol. XVIII—No. 52

WAPPAT Electric TOOLS



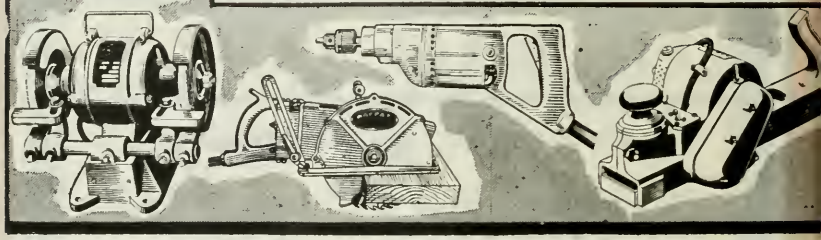
Are Built to Last Longer

Cuts production costs . . . Speeds up the job . . . Makes for greater efficiency . . . A size and type for every purpose.

Ask for a Demonstration

M. N. THACKABERRY

228 First Street, San Francisco — KEarny 4467
TOOLS RENTED
308 E. Third St., Los Angeles — MUtual 7508



COLTON CEMENT

Uniform Quality : Service : Satisfaction

G.P.C. Co. Colton

Manufactured by
CALIFORNIA PORTLAND CEMENT COMPANY
800 Edison Bldg., 601 West Fifth Street
Mills at Colton, California — TR. 1271 — Los Angeles

Phone TRinity 0241 for

Rock-Sand-Gravel-Plaster
Cement-Mixed Mortar-Stucco
Lath-Lime Putty-Reinforcing Steel

Consolidated Rock Products Co.

656 S. Los Angeles St., Los Angeles, Calif.

PACIFIC CONSTRUCTOR

WITH WHICH IS CONSOLIDATED BUILDING AND ENGINEERING NEWS

Published Weekly by Stark-Rath Printing and Publishing Company
547 Mission St., San Francisco, Phone GArfield 8744

SAM B. EUBANKS, *Editor* Single Copies, 25c; By the Year, $5.00

Vol. XVIII SAN FRANCISCO, CALIF., DECEMBER 28, 1935 No. 52

BEST WINTER LUMBER SALES IN TWO YEARS

Western Mills See Promising Outlook For New Year

Unusual activity in lumber buying noted during November has held without weakening through the first two weeks of December, although at this season buying and production ordinarily are at low levels, the West Coast Lumbermen's Association reports.

"The continued activity in December extends the record to the best six weeks in two years," says the association bulletin.

"All American markets are buying lumber in a fairly active way, due to more actual and projected building, both private and public, and to low stocks of lumber held by retail and wholesale distributors in the consuming areas. Foreign markets are lagging, with the bulk of the business offered being taken by the mills of British Columbia.

"While lumbermen generally are pleased with the present favorable situation and outlook for 1936, the Association pointed out that the production and orders of the entire West Coast industry are now at a rate of approximately six billion feet per year, while the industry produced more than ten billion feet in 1929. The industry has still a long way to go to bring back the business volume and payrolls of the years 1926 to 1929."

SALAMANDER, TORCH IN SINGLE UNIT

A leaflet describing the Aeroil No. 77 smokeless salamander, which combines salamander and a heating, drying and thawing torch in one outfit, is a recent publication of Aeroil Burner Co., Park Avenue and Thirteenth Street, West New York, N. J. The salamander, which is designed to provide temporary heat on winter construction jobs, is equipped with the Aeroil No. 99 detachable burner outfit for thawing and heating.

State Highway Division Awards Six WPH Jobs

SACRAMENTO, December 23.—Six works program highway contracts were awarded today by the State Division of Highways as follows:

C. F. Fredericksen & Sons, Lower Lake, grading and oil treating 11.8 miles in Modoc County, $79,235;

Lord & Bishop, Sacramento, constructing two bridges and grading approaches, Santa Cruz county, $55,835;

Griffith Co., Los Angeles, constructing grade separation, grading and paving at Famosa, Kern County, $295,511;

Oswald Bros., Los Angeles, grading and surfacing 5.9 miles in Ventura County, $51,208;

R. E. Campbell, Los Angeles, grading about 2.5 miles and constructing a timber bridge, Los Angeles County, $61,182;

Dimmitt & Taylor, Los Angeles, grading about 2.7 miles and asphalt treating in San Bernardino County, $62,278.

PLAN BROADCAST FOR BUILDERS JAN. 13

A nation-wide radio forum addressed to building material dealers, contractors, builders and architects and which have as its keynote a call for a unified program for the industry to stimulate building and modernization will be sponsored by Johns-Manville and broadcast January 13 at 11 A. M. Fifty stations of the NBC network will carry the one-hour broadcast.

Among speakers announced by Johns-Manville are Geo. LaPointe, president of the National Lumber Manufacturers' Assn.; Stewart McDonald, head of the Federal Housing Administration; Robt. V. Fleming, president of the American Bankers' Assn.; Stephen F. Voorhees, president, American Institute of Architects, and Lewis H. Brown, president of Johns-Manville. Entertainers scheduled to take part in the program include Kate Smith, Tom Howard, Goldman's Band and others.

TREASURY LETS $500,000 STATE P. O. BUILDINGS

Five California Contractors Share In Federal Awards

WASHINGTON, D. C., Dec. 23.—The Treasury Department played Santa Claus today with Christmas eve awards to California building contractors totaling nearly a half-million dollars. Contracts were authorized on low bids as follows

Frank J. Reilly, San Francisco, Salinas post office, $92,850; Madera post office, $70,430;

Dinwiddie Const. Co., San Francisco, Redding post office, $83,000;

Leo Epp, San Francisco, San Rafael post office, $58,750;

V. O. Brunzell and Alex Jacobsen, Los Angeles, North Hollywood post office, $72,789;

Wesco Construction Co., Los Angeles, Ventura post office, $93,850.

Contracts awarded today virtually complete the Treasury's building program authorized under the emergency and 1933 PWA allotments in California. There are, however, a number of other buildings for which appropriations were made by the last Congress under a special act and which will be on the market in 1936. Bids are being received January 21 on the Santa Barbara building to cost $445,000. One of the largest contracts on the Pacific Coast in the new program is that for a parcel post building at Spokane to cost $650,000. Bids will be received January 30.

MINE TIMBERS' AIR RESISTANCE STUDIED

A report on the resistance of mine timbers to the flow of air as determined by models, by C. M. Smith, is a recentt publication of the University of Illinois engineering experiment station, according to Director M. L. Enger. Copies of the bulletin, which is No. 279 of the experiment station's series, may be obtained without charge until April 1, 1936 or until the supply available for free distribution is exhausted, by writing Engineering Experiment Station, Urbana, Illinois.

FINISH SECOND ANCHOR ARM OF BAY CANTILEVER

Two Deck Units Raised In West Suspension Sector Of Crossing

The east anchor arm for the 1400-foot cantilever span was landed on the newly erected tower at Pier E-3 last week, according to the weekly progress report of Chief Engineer C. H. Purcell.

Having completed both anchor arms and the west cantilever arm, the Columbia Steel Company crews will shortly begin erecting the east cantilever arm after which the remaining gap of almost six hundred feet will be taken up by traveler derricks building at both ends toward the middle.

San Francisco

Clementina Street at First, close to the heart of downtown San Francisco, has now become a center of activity while Healy-Tibbitts Construction Company pour concrete for retaining walls of the "off" ramp.

In the meantime, the concrete girder spans on the main approach have advanced to a point where they are half completed between Second and Third Streets.

West Bay Superstructure

Two units of the decks of the bridge were raised immediately west of the center anchorage by the Columbia Steel Company last week. By the first of the year the steel company expects to speed up operations so that one section can be hung each day and later two sections per day.

On the east suspension bridge, between the center anchorage and Yerba Buena Island, the seventh set-up of strands has been completed, making a total of 25 strands spun, and the eighth set- up of four strands is 25 per cent spun over the south walk.

On the north walk of the east bridge, the sixth set-up of strands has been spun, making a total of 21 strands, and the seventh set-up is half spun.

This brings the east bridge cable wire to 66 per cent strung.

Yerba Buena Island

On Yerba Buena Island, the Clinton Construction Company is continuing work on the east portal of the tunnel and has finished the foundations for the upper deck of the roadway through the tunnel.

Work is now starting on the construction of the west portal.

East Bay Superstructure

The steel tower over the world's deepest pier, E-3, was erected by Columbia Steel Company crews during the week, and the east anchor arm was landed thereon.

Alameda County

The administrative and maintenance buildings of the Toll Plaza in the Oakland tidelands began to take shape last week when the steel work for the garage was erected, concrete for the first floor of the Administration Bldg. poured and the columns supporting the second floor placed.

Clinton Construction Company, contractor, has already built the retaining walls north of the Plaza and the concrete foundations and side walls.

The East Bay distribution viaduct at Emeryville was augmented by six additional girder spans, making a total of 80 erected by Barrett and Hilp, contractors.

With the completion of excavation of the west approach to the San Pablo Avenue subway, J. F. Knapp, contractor, last week started excavation of the east approach and poured the first concrete base slab.

MATERIAL PRICES DECLINE FRACTION

A decline of one-tenth of one per cent in the price of average for building materials is recorded by the U. S. Bureau of Labor Statistics wholesale price index in the week ending December 14. Prices of lumber and prepared roofing dropped. Brick and tile and paint materials were higher. Cement and structural steel were unchanged. The index was 85.3 for the week, compared with 86.0 for the corresponding week of November.

600 EMPLOYED ON GATE SPAN CONTRACT UNITS

Payroll To Be Increased By WPA Operations On Sausalito Road

Man power on the Golden Gate Bridge reached a new high mark this week with 600 workers employed on various units of the project. By January 1 this all-time high will be raised to approximately 800 when 250 relief workers are put to work on the Sausalito lateral approach road and 50 steel workers commence construction of the Marin approach span.

Of the 600 men now employed 325 are engaged in cable spinning operations, 100 are working at the John A. Roeglings Sons company cable storage and receiving plant at California City and the balance are spread out on other contracts now under way.

According to the weekly progress report of Chief Engineer Joseph B. Strauss, ten cable strands have been completed, five over each catwalk, and spinning operations again have been transferred from the east to the west walk where another set of four strands is being spun.

Work on the south abutment and the footings for the south approach span is progressing rapidly and according to the chief engineer will be completed by January first. The low viaduct on the east approach road through the Presidio is going forward rapidly and will be completed early in 1936.

G-E LAUNCHES 1936 CAMPAIGN ON APPLIANCES

Big Selling Opportunity Seen As Residential Market Expands

Getting an early start on 1936 sales plans, distributors for General Electric home appliances staged their tenth annual national sales conference at Cleveland the week of December 9.

The distributors' convention, which included a pre-view of the complete 1936 line of General Electric refrigerators, ranges, dishwashers, laundry equipment, cleaners, kitchen waste units and home workshops, was marked by definite and decided optimism over sales prospects for the new year.

Beginning December 16 and continuing through January 15, a series of 55 pre-views of the 1936 line have been scheduled in as many cities of the country. In connection with these previews, to which dealers, utility executives, department store heads, apartment house owners, realtors, builders and others will be invited, General Electric's advertising and merchandising campaigns will be explained.

Previews will be held in San Francisco January 6, 7 and 8 and in Fresno, January 2, 3 and 4.

Speakers declared that there is every indication that 1936 will present one of the biggest home building activities that has been seen in many years. As a result of new construction and modernization, they said, the market for electric kitchens and electric home appliances will be tremendous.

"In the past year," said George Kohik, manager of apartment house sales, "construction of homes reached a peak of approximately fifty million dollars in June. This is about two and one-half times any previous period for three years The best authorities indicate that we will see a building boom and we want our retail outlets to be in a position to take advantage of this great selling opportunity. Builders of homes will tell you there must be a definite relationship between the cost of the kitchen and the cost of the house. General Electric can supply complete all-electric kitchens, with a definite co-ordination of styling and design in all appliances, for as low at $40. Today practically everyone can enjoy the convenience of an electric kitchen."

INTERMOUNTAIN A.G.C. BANQUET JANUARY 4

The fourteenth annual banquet and dinner dance of Intermountain Branch, Associated General Contractors, will be held Saturday evening, January 4, at the Hotel Utah in Salt Lake City, according to Chairman A. E. Christensen of the committee on arrangements. The banquet is scheduled for 7:00 P. M.

Mines Bureau Estimates $3,000,000,000 Building Materials Market In Housing

Over six billion dollars of expenditures are needed to meet the present housing shortage, according to data from various sources assembled and analyzed by the Building Materials Section of the Bureau of Mines, Department of the Interior.

Such an expenditure would create a demand for about three billion dollars worth of materials and necessitate an outlay to direct labor of around one and three-quarters billions.

The Bureau summarizes its report as follows

"The bottom of the depression in residential building appears to have been reached in the last two years when annual values sank to slightly over a quarter of a billion dollars. This year a 5 percent increase in ten months over the total for last year gives an indication that 'catching up' is in progress and causes some speculation as to the possibilities of reaching the nearly three billion dollar averages attained in the four years, 1925-28. Publicity and money lending campaigns from Washington, higher rentals, increased consumer purchasing power, and anticipation of higher prices all helped to start the revival, but underlaying these conditions is a basic need for more room.

"Notwithstanding the depression, 800,000 houses were built from the beginning of 1930 to the middle of 1935, but this falls over a million short of the number required to provide for the increased number of families, and an additional 550,000 units will be needed to meet the losses through obsolescense and destruction by fire, flood or storm.

"As the average cost of American homes recently built is about $3,800, the referred building-budget that must be spent to remedy the present doubling up of families and restore the predepression ratio of homes to population adds up to fully $6,440,000,000.

"Approximately one half the cost of these new homes, that is, about three billion dollars, must go for materials; the actual ratio for residential building in 1929 was 48.5 per cent.

"To find where the money will go the total material supply bill can be broken down according to proportionate expenditures in 1929 as reported by the Bureau of the Census. On this basis the distribution, of some of the larger expenditures would be as follows lumber (rough and finished) $888,000,000; millwork $414,000,000; plumbing and gas fitting equipment $366,000,000; heating and ventilating equipment $252,000,000; brick (face, common, fire, paving, etc.) $156,000,000; and electrical appliances and supplies $138,000,000."

November shipments of electric industrial trucks and tractors numbered 115, as compared with 117 in October and 24 in November last year, the Bureau of the Census reports.

VALLEY PROJECT ADVISORS REVIEW STATE SURVEYS

Consulting Experts Hold First Conference In Sacramento

The Board of consulting engineers for the Central Valley Project met in Sacramento for their first session Friday to examine material which has been gathered by state and federal engineers in their preliminary investigations of the various units to be constructed.

The Sacramento session followed inspection of the Kennett and Friant dam sites by the engineers.

Headed by Charles Paul of Dayton, Ohio, the board includes Dr. Charles P. Berkey, professor of geology, Columbia University; W. F. Durand, professor emeritus of mechanical engineering, Stanford University; R. V. Meikle, chief engineer, Turlock Irrigation District.

Mr. Paul is a consultant also for the Bureau of Reclamation on the Grand Coulee project and for the Tennessee Valley Authority.

J. L. Savage, chief designing engineer for the Bureau, and Walker Young, construction engineer for the Central Valley Project, attended the conference.

Mr. Paul said the board was very favorably impressed with the character of the work already done by the state engineer's office.

"The fact that these engineering studies are available makes it much easier for us to pick up the work and receive an intelligent grasp of the situation," he said.

$200,000 KERN BOND ELECTION JANUARY 17

The $200,000 bond proposal for additional building and purchase of an East Bakersfield school site which failed recently by the narrow margin of four votes will be resubmitted to voters of the Kern County Union High School District at a special election January 17, it has been announced.

Feeling that construction of temporary buildings, said to be the only alternative to the proposed building program, would prove a wasteful procedure, trustees of the district last week called the new bond election.

1936 ROAD SHOW IN CLEVELAND JANUARY 20-24

Highway Builders Convention And Exhibit To Be Record Events

Announcing final plans for the 1936 Convention and Road Show to be held in Cleveland, January 20-24, officials of the American Road Builders' Association express confidence that a new high mark will be set in attendance, variety of display and importance of subjects discussed.

Final floor diagrams have been sent to 176 Road Show exhibitors, with the space to be occupied by each marked as allotted by the joint exhibit committee. The exhibits will form the first all-inclusive road show to be undertaken in three years, according to the committee.

Completion of the convention program, which will include discussions of 1936-37 road programs, Federal highway appropriations and legislation, rules and regulations governing future highway construction contracts and numerous other important topics, has been announced.

Special session have been planned for discussion of farm to market roads, educational work, technical problems and highway planning. Highway contractors, city officials and county officials will meet in separate sessions for consideration of their particular problems.

Messages have been received by the Road Builders' Association from highway commisions in a number of states indicating that no highway contract letting will be scheduled for the convention week.

Reports from the Cleveland Convention and Visitors Bureau to convention officials reveal that advance hotel reservations are far ahead of previous figures for this early date. To date reservations are fifty percent greater than were made up to the day immediately before the opening of the last "old fashioned" road show, it is stated.

Original plans called for confining the road show to the New Exhibition Hall in Cleveland, but advance demands for space exceeded the floor area of the hall, and the adjacent North Hall and the connecting Arcade were engaged to accommodate exhibitors.

FISTERE JOINS STAFF OF WOMAN'S MAGAZINE

Appointment of J. C. Fistere, former consultant to the Federal Housing Administration and author of two FHA bulletins, as architectural editor is announced by Editors Bruce Gould and Beatrice B. Gould of the Ladies Home Journal.

Mr. Fistere has been associate editor of Architectural Forum, managing editor of Building Material Marketing, and associated editor of Building Age.

PERMITS AND CONTRACTS

SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
1384	Anza	Rousseau	13000
1385	Ramiriez	Hansberg	2800
1386	Schmidt	Owner	3000
1387	Schmidt	Owner	3000
1388	Russ	Muller	3780
1389	Stelling	——	3000
1390	Klimm	Coburn	1000
1391	Carlson	Owner	4000
1392	Rosemont	Owner	4000
1393	Glauser	Little	6000
1394	Macarthur	Shapiro	3000
1395	Sargent	Swanson	3000
1396	Arnott	Owner	5000
1397	Arnott	Owner	5000
1398	Arnott	Owner	5000
1399	Arnott	Owner	5000
1400	Christensen	Owner	4000
1401	Christensen	Owner	4000
1402	Anderson	Owner	4000
1403	Anderson	Owner	3800
1404	Davis	Botman	3500
1405	Grahn	Owner	3000
1406	Hallgren	Owner	3500
1407	Union	Lindgren	4700
1408	Nelson	Owner	3000
1409	Nelson	Owner	3000
1410	Nelson	Owner	3000
1411	Nelson	Owner	3000
1412	Doelger	Owner	4000
1413	Doelger	Owner	4000
1414	Doelger	Owner	4000
1415	Doelger	Owner	4000
1416	Davis	Owner	8000
1417	Davis	Owner	8000
1418	Standard	Owner	3500
1419	Standard	Owner	3500
1420	Standard	Owner	3500
1421	Herzig	Owner	5000
1422	Herzig	Owner	5000
1423	Magnin	Emanuel	1000
1424	Yere	Glaser	1000

FLATS
(1384) NE BAY AND BRODERICK Sts. Two-story and basement frame flats.
Owner — Anza Home Bldg. Co., % Contractor.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St. $13,000

MARKET
(1385) N WILDE 25 W Rutland. One-story frame meat market
Owner—Peter Ramiriez, % Contractor
Architect—Not Given.
Contractor—Wm. Hansberg, 1 Rutland St., San Francisco. $2800

DWELLING
(1386) W SHOTWELL ST. 176 S 25th St. One-story and basement frame dwelling.
Owner—Schmidt Bros., 3158 24th St., San Francisco.
Architect—Not Given. $3000

DWELLING
(1387) W SHOTWELL ST. 201 S 25th St. One-story and basement frame dwelling.
Owner—Schmidt Bros., 3158 24th St., San Francisco.
Architect—Not Given. $3000

ALTERATIONS
(1388) NO. 211 MONTGOMERY ST. Alter offices.
Owner—Russ Bldg. Co., Premises.
Architect—Not Given.
Contractor—A. G. J. Muller, 213 7th St., San Francisco. $3780

ALTERATIONS
(1389) NO. 1542 FILLMORE STREET. Alter stores.
Owner—Martin Stelling Jr., 155 Montgomery St., San Francisco.
Architect—Earle E. Bertz, 681 Market St., San Francisco.
Contractor—Not Let. $3000

REPAIRS
(1390) NO. 160 ELLIS ST. Repair fire damage to apartments.
Owner—Frank Klimm, Premises.
Architect—Not Given.
Contractor—Ira W. Coburn, 2018 Market St., San Francisco. $1000

DWELLING
(1391) W FAXON AVE. 90 N Wildwood. One-story frame dwelling.
Owner—Gus Carlson, 1033 Noe St., San Francisco.
Architect—Not Given. $4000

DWELLING
(1392) S MAGELLAN ST. near Cortez Lot 42 Blk 3. Two-story frame dwelling.
Owner — Ed Rosemont, 176 Duboce Ave., San Francisco.
Architect—Not Given. $4000

DWELLING
(1393) GORE VILLA TERRACE & Graystone. One-story and basemento frame dwelling.
Owner—Fred Glauser, 2250 Green St., San Francisco.
Architect—A. Ogulou, 186 Embarcadero, San Francisco.
Contractor—M. A. Little Co., 107 4th Ave., San Francisco. $6000

DWELLING
(1394) NE COTTER ST 568 SE San Jose Ave. One-story and basement frame dewlling.
Owner—R. C. Macarthur, 6301 Mission St., San Francisco.
Architect—Not Given.
Contractor—H. Shapiro, 656 18th Ave., San Francisco. $3000

DWELLING
(1395) SE HOPKINS AND BURNETT Sts. Two-story frame dwelling.
Owner—Lewis Sargent, 437 Burnett St., San Francisco.
Architect — Richard J. Ventra, 251 Kearny St., San Francisco.
Contractor—Oscar Swanson, 35 Rockwood Court, S. F. $3000

DWELLING
(1396) W TWENTY-FOURTH AVE. 250 N Ocean Ave. One-story and basment frame dwelling.
Owner — Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1397) W TWENTY-FOURTH AVE. 122 N Ocean Ave. One-story and basment frame dwelling.
Owner — Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect—Not Given. $5000

DWELLING
(1398) W TWENTY-FOURTH AVE. 210 N Ocean Ave. One-story and basment frame dwelling.
Owner — Jas. A. Arnott, 633 Taraval St., San Francisco.
Architect Not Given. $5000

DWELLING
(1399) W TWENTY-FOURTH AVE. 166 N Ocean Ave. One-story and basment frame dwelling.
Owner — Jas. A. Arnott, 633 Taraval St., San Francisco
Architect—Not Given. $5000

DWELLING
(1400) W TWENTY-FIRST AVE. 325 S Pacheco St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(1401) W TWENTY-FIRST AVE. 300 S Pacheco St. One-story and basement frame dwelling.
Owner — Herman Christensen, 1422 27th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $4000

DWELLING
(1402) W WAWONA ST. 115 W 15th Ave. One-story and basement frame dwelling
Owner—S. R. Anderson, 1433 Seventh Ave., San Francisco.
Architect — C. O. Clausen 746 46th Ave., San Francisco. $4000

DWELLING
(1403) W WAWONA ST. 90 W 15th Ave. One-story and basement frame dwelling.
Owner—S. R. Anderson, 1433 Seventh Ave., San Francisco.
Architect — C. O. Clausen 746 46th Ave., San Francisco. $3800

DWELLING
(1404) SE EDGEHILL WAY A N D 1st Easement East from Garcia St. One-story and basement frame dwelling.
Owner—Robt. A. Davis, 2049 Divisadero St., San Francisco.
Architect—B. Reede Hardman, 2068 Allston Way, Berkeley.
Contractor—Victor A. Botman, 2926 Ellora St., San Francisco. $3500

DWELLING
(1405) N RAYMOND ST. 250 W Rutlland St. One-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2965 Mission St., San Francisco.
Architect—Not Given $3000

DWELLING
(1406) SE TWENTY-NINTH AVE. and Irving St. One-story and basement frame dwelling.
Owner—A. Hallgren, 1591 29th Ave., San Francisco.
Architect — C. O. Clausen, 746 46th Ave., San Francisco. $3500

ALTERATIONS
(1407) NO. 735 HARRISON STREET Alter factory.
Owner—Union Lithograph Co., Prem
Plans by Leland S. Rosner, Care Contractor
Contractor — Lindgren & Swinerton, Inc., 225 Bush St., S. F. $4700

DWELLING
(1408) N ROMAIN 278 E Corbett. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
Architect—Not Given. $3,000

DWELLING
(1409) N ROMAIN 195 E Corbett. One-story and basement frame dwelling.
Owner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
Architect—Not Given. $3,000

WELLING
410) N ROMAIN 250 E Corbett. One-story and basement frame dwelling.
wner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
rchitect—Not Given. $3,000

WELLING
411) N ROMAIN 223 E Corbett. One-story and basement frame dwelling.
wner and Builder—Fernando Nelson & Sons, Inc., 2901 19th Avenue.
rchitect—Not Given. $3,000

WELLING
1412) S LAWTON 82 E 31st Avenue. One - story and basement frame dwelling.
wner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
rchitect—Not Given. $4,000

WELLING
1413) E 30th AVE. 175 N Lawton St. One - story and basement frame dwelling.
wner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
rchitect—Not Given. $4,000

WELLING
1414) E 30th AVE. 150 N Lawton St. One - story and basement frame dwelling.
wner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
rchitect—Not Given. $4,000

WELLING
1415) S LAWTON 57 E 31st Avenue. One - story and basement frame dwelling.
wner and Builder — Henry Doelger Builder, Inc., 320 Judah Street.
rchitect—Not Given. $4,000

FLATS
1416) W BEAUMONT 291 S St. Rose. Two - story and basement frame flats.
wner and Builder—Davis & Ham, 105 Montgomery Street.
rchitect—Ed M. Sharpe, 525 Market Street. $8,000

FLATS
1417) W BEAUMONT 258 S St. Rose. Two - story and basement frame flats.
wner and Builder—Davis & Ham, 105 Montgomery Street.
rchitect—Ed M. Sharpe, 525 Market Street. $8,000

DWELLING
(1418) W 26th AVE. 150 S Moraga. One - story and basement frame dwelling.
wner and Builder—Standard Building Co., 1500 Judah Street.
rchitect—Not Given. $3,500

DWELLING
(1419) W 26th AVE. 100 S Moraga. One - story and basement frame dwelling.
wner and Builder—Standard Building Co., 1500 Judah Street.
rchitect—Not Given. $3,500

DWELLING
(1420) W 26th AVE. 125 S Moraga. One - story and basement frame dwelling.
wner and Builder—Standard Building Co., 1500 Judah Street.
rchitect—Not Given. $3,500

DWELLING
(1421) W PARNASSUS 200 N Sloat. One - story and basement frame dwelling.
wner and Builder—A. J. Herzig, 700 Sloat Boulevard.
rchitect—Donald Jaekle, % owner. $5,000

DWELLING
(1422) W PARNASSUS 120 N Sloat. One - story and basement frame dwelling.
Owner and Builder—A. J. Herzig, 700 Sloat Boulevard.
Architect—Donald Jaekle, % owner. $5,000

ALTERATIONS
(1423) POST and Powell Sts. Alter apartments.
Owner—Grover A. Magnin, St. Francis Hotel.
Contractor—L. E. Emanuel, Inc., 2665 Jones Street.
Architect—Not Given. $1,000

ALTERATIONS
(1424) 1925 FILLMORE ST. Alter bakery.
Owner—Yere French Bakery, premises
Architect—Not Given.
Contractor—J. P. Glaser, 2480 Union Street. $1,000

ALAMEDA COUNTY

No.	Owner	Contractor	Amt.
1054	Morgan	Van Ness	3950
1055	Lyon	Owner	5000
1056	Brandenborg	Daley	12400
1057	Cram	Melrose	1000
1058	Kerr	Armstrong	5000
1059	Oliver	Christensen	1000
1060	Warren	Owner	1000
1061	Bricker	Atkinson	2300
1062	Cox	Knight	7500
1063	La Farre	Rose	1000
1064	Paganius	Van Aalst	1000
1064	Petteys	Nelson	5250
1065	City	Kitchen	206747
1066	Coit	Owner	5600

DWELLING
(1054) NO. 1405 ALLMAN STREET, **OAKLAND.** One-story five-room dwelling.
Owner—Mary E. Morgan, 1442 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor — L. E. Van Ness, 4820 Park Blvd., Oakland. $3950

DWELLING
(1055) NO. 3921 FORESTHILL AVE. **OAKLAND.** Two-story six-room dwelling.
Owner—C. D. Lyon, 6501 Buena Ventura Ave., Oakland.
Architect—Not Given. $5000

STORE
(1056) NO. 5662 COLLEGE AVE., **OAKLAND.** One-story store.
Owner—M. Brandenborg.
Architect—Geo. W. Cotterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 4221 Horton St., Emeryville. $12,400

ALTERATIONS
(1057) NO. 1518 E-THIRTY-THIRD St., **OAKLAND.** Alterations and repairs.
Owner—R. E. Cram, Premises.
Architect—Not Given.
Contractor — Melrose Builders, 1700 47th Ave., Oakland. $1000

DWELLING
(1058) NO. 917 EUCLID AVENUE, **BERKELEY.** Two-story 6-room frame dwelling.
Owner—Geo. R. Kerr, 2500 Benvenue Ave., Berkeley.
Architect—E. L. Snyder, 1201 Shattuck Ave., Berkeley.
Contractor — J. R. Armstrong, 1131 Fleet Road, Oakland. $5000

ALTERATIONS
(1059) NO. 2893 GLASCOCK ST., **OAKLAND.** Alterations.
Owner — Oliver United Filters, 2896 Glascock St., Oakland
Architect—Alben Froberg, 1955 Webster St., Oakland.
Contractor—H. J. Christensen, 1[illegible] Webster St., Oakland.

DWELLING
(1060) NO. 2616 FIFTY-SEVENTH Ave., **OAKLAND.** One-story five-room dwellnig.
Owner—Weldon H. Warren, 2821 Canon Ave., Oakland.
Architect—Not Given. $4000

ALTERATIONS
(1061) NO. 3104 LINCOLN AVENUE, **ALAMEDA.** Alter frame dwelling.
Owner—E. E. Bricker, 3104 Lincoln Ave., Alameda.
Architect — Angelo Heweston, 1100 Versailles Ave., Alameda.
Contractor—C. E. Atkinson, 3125 61st Ave., Oakland. $2300

DWELLING
(1062) NO. 3101 GIBBONS DRIVE, **ALAMEDA.** Two-story 7 - room frame, stucco and rustic dwelling.
Owner—Chas. W. Cox, Alameda.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Piedmont
Contractor—Harry C. Knight, 1435 Harrison St., Oakland. $7500

REPAIRS
(1063) NO. 1328 EIGHTY-SIXTH Ave., **OAKLAND.** Fire repairs.
Owner—M. La Tarre.
Architect—Not Given.
Contractor—A. H. Rose, 478 25th St., Oakland. $1000

ADDITION
(1064) NO. 5601 COLLEGE AVENUE **OAKLAND.** Addition.
Owner—M. Paganius, 1426 9th Ave., Oakland.
Architect—Not Given.
Contractor—W. Van Aalst, 2059 34th Ave., Oakland. $1000

DWELLING
(1064) NO. 3120 CARLSEN STREET, **OAKLAND.** Two-story 6-room dwelling.
Owner — W. D. Petteys, 336 Elwood Ave., Oakland.
Architect—Not Given.
Contractor—Geo. G. Nelson, 336 Elwood Ave., Oakland. $5250

WHARF
(1065) FOOT OF FOURTEENTH ST., Outer Harbor Terminal, **OAKLAND.** Concrete wharf.
Owner—City of Oakland, Grove St. Pier
Plans by Port of Oakland.
Contractor—A. W. Kitchen, 110 Market St., S. F. $206,747

DWELLING
(1066) 6676 ESTATES Dr., **OAKLAND.** Two-story 7-room dwelling.
Owner—Chas. B. Coit, 1435 Harrison St., Oakland.
Architect—L. H. Ford, 1435 Harrison St., Oakland. $5,600

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

No.	Owner	Contractor	Amt.
164	Anza	Rousseau	12610
165	Anza	Rousseau	7335
166	Pacific	Monson	815

FLATS
(164) NE BAY AND BRODERICK Sts. All work except surveying, landscaping, linoleum and refrigeration for construction of two-story and basement frame and stucco flats.
Owner — Anza Home Buildg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor — Oliver M. Rousseau, 321 Kearny St., San Francisco.

Filed Dec. 21, '35. Dated Dec. 20, '35.
Frame up $3152.50
Brown coat plaster on.. 3152.50
When completed 3152.50
Usual 35 days..... .. . 3152.50
Total Cost, $12,610.00
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

DWELLING
(165) N BAY ST. 50 E Broderick. All work except landscaping, Venetian blinds, linoleum and surveying for one and one-half-story and basement frame dwelling.
Owner — Anza Home Bldg. Co., 321 Kearny St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, 321 Kearny St., San Francisco.
Filed Dec. 21, '35. Dated Dec. 20, '35.
Frame up, enclosed and rough plumbing installed $1833.75
Brown coat plaster on 1833.75
Completed and accepted..... 1833.75
Usual 35 days..... ... . 1833.75
TOTAL COST, $7335.00
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(166) NO. 430 BUSH ST. All work installing partition and associated work in telephone building.
Owner — Pacific Telephone & Telegraph Co., Premises.
Architect—Not Given.
Contractor—Monson Bros., 475 Sixth St., San Francisco
Filed Dec. 23, '35. Dated Dec. 12, '35.
When completed 75%
40 days after..... ..... Balance
TOTAL COST, $815
Bond, $815. Surety, Pacific Indemnity Co. Limit, 120 working days. Forfeit, none. Specifications only filed

SAN FRANCISCO UNDER $1000

SIGN, electric, $65; 190 West Portal; owner, Becker Pharmacy, Prem.; contractor, Wonderlite, 170 Otits.
ALTER dwelling, $600; 325 24th Ave.; owner, Mrs. Estella Tate, 234 20th Ave.
SHRIMP stand, one-story frame, $15; SW Fairfax and Donohue Sts.; owner, Golden Gate Shrimp Co., 501 Fairfax St.
SIGN, $300; 160 Tenth St.; owner, Sees Candy, Premises; contractor, Al. Laib, 7th and Folsom Sts.
FLUES, $40; 3334 19th St.; owner, F. Marckley, % Contractor; contractor Cortland Sheet Metal Wks., 1414 Valencia St.
ALTER warehouse, $500; 501 Fairfax St., Hunters Point; owner, Chan Hoy, Premises
ALTER restaurant, $300; 913 Washington St.; owner, Sam Wo. Prem. contractor, F. R. Siegrist, 504 Mission St.
FLUES, $50; W 23rd Ave. 125 S Kirkham St.; owner, G. W. Hutchinson, Prem.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, electric, $100; 250 Stockton St.; owner, J. Kostolny, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $100; 875 Geary St.; owner, Colony Club, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN electric, $100; 875 Geary Street; owner, Colony Club, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
FLUES, $50; E 23rd Ave. 150 N Noriega St.; owner, C. T. Lindsay, 140 Duboce Ave.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, electric, $200; 310 Columbus Ave.; owner, Hotel Dante, Prem.; contractor, QRS Neon Corp., Ltd. 690 Potrero Ave.
SIGN, electric, $100; 31 Fulton Street; owner, Tom Sharkey, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
SIGN, electric, $50; 1835 Van Ness Ave., owner, Stewart Chevrolet Co., Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
FLUES, $150; 1599 Greenwich Street; Owner, S. Schwalbel, Premises; contractor, National Sheet Metal Works, 2168 Mission St.
ALTER foundry, $200; 159 14th St.; owner, J. V. Young, 196 Otis St.; contractor, Chas. Andrus & Son, 367 Haight St.
SIGN, electric, $200; 601 Balboa St.; owner, Rose Market, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER 2 frame garages, $250; 1329-1331 Broderick St. (rear); owner, E. W. Bender, 2231 O'Farrell St.
SIGN, electric, $200; 1168 Market St.; owner, Tom Sharkey, Prem.; contractor, QRS Neon Corp., Ltd., 690 Potrero Ave.
ALTER dwelling, $700; 339-A Jersey St. (rear); owner, Arnold M. Manz, Premises.
ALTER for art gallery, $300; 556 Commercial St.; owner, Lara Klase, 2321 Buchanan St.
SIGN, electric, $125; 3043 16th Street; owner, 16th St. Liquor Store, Premises; contractor, Elec. Prods. Corp., 255 Golden Gate Ave.
SIGN, lectric, $150; 44 California St.; owner, Ayres Cafe, Premises; contractor, Apex Elec. Co., 363 Fell.
SIGN, electric, $40; 1521 Market St.; owner, The Fur Doctor, Premises; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.
SIGN, electric, $250; 1396 La Playa St. owner, Dick's Coffee Shop, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.
SIGN, electric, $150; 2111 Market St.; owner, Scandia Inn, Premises; contractor, Apex Elec. Co., 363 Fell St.
FLUES, $50; 48 Dunsmuir St.; owner, Heyman Bros., 842 Market St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, electric, $450; 799 Market St.; owner, New Century Beverage Co., 820 Pacific St.; contractor, Elec. Prods. Corp., 255 Golden Gate
SIGN, electric, $160; 24 West Portal, owner, El Portal Wine & Liquor Store, Premises; contractor, Apex Elec. Co., 363 Fell St.
SIGN, electric, $150; 458 Post St.; owner, Felix Beauty Salon, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave, South.
SIGN, electric, $200; 188 Turk St.; owner, Faverman Drug Co., 198 Turk St.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. South.
SIGN, electric, $250; 31 Grant Av.; 2nd floor; owner, La Bon Furriere Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Av., South.
FLUES, $50; 53 Dunsmuir St.; owner, Heyman Bros., 742 Market St.; contractor, Precita Sheet Metal Works, 3119 Harrison St.
SIGN, electric, $150; 3280 Mission St.; owner, Walk-Ease Boot Shop, 2830 Mission St.; contractor, Electrical Prods. Corp., 255 Golden Gate.
SIGN, electric, $150; 325 Mason St.; owner, Jack's Laundry, Premises; contractor, Apex Elec. Co.; 363 Fell St.
SIGN, electric, $250; 2080 Chestnut St.; owner, Carlos Wines & Liquors, Prem.; contractor, Pioneer Elec. Co., 370 Van Ness Ave. So.

ALAMEDA COUNTY UNDER $100

SIGNS (2) metal, $20 each; 1127 12th Street, Oakland; owner, G. Anderson, 260 E-12th St.
ALTERATIONS, $15; 216 E-14th S Oakland; owner, J. Ratto, 211 12th Street
ADDITION, $800; 3151 Maxwell Ave Oakland; owner, A. K. Kelle contractor, W. J. Johnston, Richfield Oil Bldg.
ALTERATIONS, $500; 5638 Colle Ave., Oakland; owner, Al Fahmi 5656 College Ave.
ADDITION, $75; 3626 Harbor Vie Drive, Oakland; owner, E. Leach; contractor, C. R. Squire 2912 E-29th St.
FIRE repairs, $85; 1483 Seventh St Oakland; owner, V. Givdick; con tractor, A. T. Beckett, 224 Scen Ave., Piedmont.
REPAIRS, $70; 936 12th St., Oakland owner, Bridge Investment Co., 11 Sutter St., San Francisco.
ROOF repairs, $13; 686 17th St., Oak land; owner, Frank Stryble, Pren contractor, J. W. Bowers, 769 17th Street.
WRECK building, $75; 366 Grand Ave Oakland; owner, J. W. Dinsmore 6 York St., Piedmont; contractor C. F. Roberts, 937 Market St.
ALTERATIONS, $30; 475 12th Street Oakland; owner, Firemans Fund Ins. Co., S. F.; contractor, J. C. Ballard, 1813 Lafavette Ave., Alameda.
ALTERATIONS and addition, $430; 2714 Viola St., Oakland; owner, Mr. Tyler, 2724 Viola St.; contractor, Carl H. Franzen, 853 51th Street.
GARAGE, one-story, $250; 5866 Harbor Drive, Oakland; owner, David G. Taylor, Premises.
GARAGE, one-story, $400; 5750 Foothill Blvd., Oakland; owner, Dr. C. B. Knowles, Prem.; contractor, V. E. Sigge, 3912 Linwood Ave.
ALTERATIONS, $150; 2753 Foothill Blvd., Oakland; owner, Melrose Bldg Material Co.; contractor, Whalin Bros., 2942 23rd Ave.
ALTER for garage, $75; 1133 65th St., Oakland; owner, Domenico Rouera, 1150 Ocean Ave.
SIGN, metal, $10; 2820 Mountain Blvd., Oakland; owner, Imperial Beverage Co., Prem.; contractor, F. H. Rash, 3864 E-14th St.
SIGN, metal, $10; 2820 Mountain Blvd., Oakland; owner, Imperial Beverage Co., Prem.; contractor.
SIGN, electric, $310; 4502 Telegraph Ave., Oakland; owner, A. Wascner; contractor, E. M. Kellerko, 1115 E-12th St.
GARAGE, private, $500; 917 Euclid Ave., Berkeley; owner, Geo. R. Kerr, 2500 Benvenue Ave.; architect, E. L. Snyder; contractor, J. R. Armstrong, 1131 Fleet Road. Oakland.
ALTERATIONS, $120; 858 Santa Barbara St., Berkeley; owner, Bert Campbell, Prem.; contractor, Berkeley Fuel & Supply Co., 1444 Shattuck Ave.
FIRES repairs, $90; 2218 Union St., Berkeley; owner, University of Calif.; contractor, Willis E. Lynn 1037 Ashmount Ave., Oakland.
ALTERATIONS, $150; 1925 Walnut St., Berkeley; owner, Guarantee Bldg. & Loan Assn.
OFFICE, one-story, $40; 807 Castro Street, Oakland; owner, H. Hoffer, Premises.
ALTERATIONS, $500; 2057 High St., Oakland; owner, K. A. Johanson, 2832 76th Avenue
RE-ROOF, $40; 2934 Harrison Street, Oakland; owner, Bank of America 12th and Broadway; contractor, Safeway Roofing Co.; 3344 Harrison St.

BUILDING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

1.—Apartments
2.—Bonds
3.—Churches
4.—Factories and Warehouses
5.—Flats
6.—Garages and Service Stations
7.—Federal Buildings.
8.—Club Buildings
9.—Hospitals
10.—Hotels
11.—Ice and Cold Storage Plants
12.—Power Plants
13.—Public Buildings, Fire Houses and Jails
14.—Residences
15.—Schools
16.—Banks, Stores and Offices
17.—Theatres
18.—Wharves & Docks
19.—Misc. Const.
20.—Misc. Supplies &

1— APARTMENTS

Plans Being Completed.
APARTMENTS Cost, $——
SAN FRANCISCO. NW North Point and Webster Streets.
Three-story and basement frame and stucco residence (12 3- and 12 2-room apts.) flat roof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Withheld.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Bids will be asked shortly.

Plans Being Completed.
APARTMENTS Cost, $——
SAN FRANCISCO. NW North Point and Webster Streets.
Three-story and basement frame and stucco residence (12 3- and 12 2-room apts.) flat roof, tile baths, steam heating system, wood sash, hardwood floors, etc.
Owner—Sellman & Bohlin, % Architect.
Bids will be taken in about one week.

Contract Awarded
ALTERATIONS Cost, $9,032
KING CITY, Monterey Co., Cal. Main Street.
Alterations to apartments and garage.
Owner—Mrs. Dolly Adams, King City.
Architect—Not Given.
Contractor—E. F. Reese, 35 Santa Lucia Ave., Salinas.

PLANNED
WEST HOLLYWOOD, Los Angeles Co., Cal.—A. Markowitz & Son, 124 N. La Brea Ave., will build a two-story, 12-unit frame and stucco apartment court at the corner of Doheny Drive and Sunset Hills Road, West Hollywood, for themselves. Cost, $50,000.

Bridge Co. The bids are to be opened

Carpentry Contract Awarded.
FLATS Cost, $9,000
SAN FRANCISCO. Fifteenth Avenue near Ulloa Street.
Two - story and basement frame and stucco flats (two 5-room flats) tile, tar and gravel roofing, wood sash, gas heating system, hardwood floors, etc.
Owner—Mr. Shea.
Architect—Fahre and Hildebrand, 110 Sutter Street.
Carpentry—Fred Bierman, % architect

Contract Awarded.
FLATS Cost, $15,000
SAN FRANCISCO. NE Bay and Broderick Streets.
Two-story frame and stucco flats.
Owner—Anza Home Bldg. Co.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Oliver M. Rousseau, Inc., 321 Kearny St., San Francisco.

3— CHURCHES

Contract Awarded.
CHURCH ALTERATIONS $——
SAN LEANDRO, Alameda Co., Cal.
Alterations to church (composition shingle roof, stucco exterior, etc.)
Owner—San Leandro Episcopal Church
Architect—Not Given.
Contractor—Carl H. Franzen, 883 54th St., Oakland.

PLANS BEING PREPARED
LOS ANGELES, Cal.—Architect R. H. Orr, 1300 Corporation Bldg., has prepared preliminary plans for a new edifice to be built on Hayworth Ave. for the Seventeenth Church of Christ, Scientist. It will probably be a Class D structure, with seating capacity of 1000 persons, of wood frame and plaster construction with tile roof. Cost, $60,000.

Planned.
CHURCH Cost, $15,000
RICHMOND, Contra Costa Co., Calif.
New church building.
Owner—First Presbyterian Church (C. W. St. Johnson, Pastor) Richmond
Architect—To Be Selected.

4— FACTORIES & WAREHOUSES

STRUCTURAL STEEL BIDS BEING TAKEN
SANTA MONICA, Los Angeles Co., Cal.—Architect Edward Cray Taylor and Structural Engineer Ellis Wing Taylor, 803 W. Third St., Los Angeles, are taking bids for structural steel for a hanger to be built at 3300 Ocean Park Blvd., Santa Monica, for the Douglas Aircraft Co. The building will cover an area of 285x300 feet and will be 90 feet in height from the floor to the highest point of the roof. It will have concrete footings and floors, structural steel frame, corrugated iron sides and roof, steel sash, steel rolling doors, 250 feet in width and 35 feet high, mezzanine floor, etc. The following contractors have been invited to submit bids: McClintic-Marshall Corp., 11,100 S. Central Ave.; Consolidated Steel Corp., 5701 E. Slauson Ave.; Pacific Iron & Steel Co., 241 W. Avenue 26; Virginia Bridge & Iron Co., 5225 Wilshire Blvd.; American at the owner's plant at 3 P. M., December 27. Separate bids will be taken later for the concrete work, steel sash, sheet metal and electrical work.

CONTRACT AWARDED
SANTA BARBARA, Calif.—Clyde Jones, Upland, awarded contract at approximately $70,000 for construction of a one- and part two-story citrus plant building for Goleta Citrus Growers Assn., on their property located approximately ten miles north of Santa Babara. The building will be of frame construction, T-shaped, with overall dimensions 120x300 feet, and will be used for receiving, washing, coloring, packing and storing lemons; wood exteriors, composition roofing, steel sash, cement, mastic, maple and pine floors, steel pivoted ventilator openings, air conditioning equipment, steel and wood roof trusses, etc. W. W. Ache, 301 N. Citrus Ave., Los Angeles, architect.

Contract Awarded
SHED Cost, $12,000
SACRAMENTO, Sacramento Co., Cal 2800 R Street.
One-story shed.
Owner—Diamond Match Co., 2826 A St., Sacramento.
Architect—Not Given.
Contractor—J. A. Saunders, 1045 45th St., Sacramento.

BIDS WANTED
NAPA COUNTY, Cal.—Until Jan. 2, 2 P. M., bids will be received by the Division of Highways, Jno. H. Skeggs, District Engineer, Room 211, State Bldg., San Francisco, for the construction of maintenance station buildings about ½ mile north of Napa.
Plans and specifications obtainable from the above office upon deposit of $25.00.

Tank Contract Awarded.
STORAGE BLDG. Cost, $8000
SANTA ROSA, Sonoma Co., Calif.
One-story reinforced concrete storage building.
Owner—Grace Bros., Santa Rosa.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.
Tank—Western Pipe & Steel Co., 444 Market St., San Francisco.

December 24, 1935

SUB-BIDS WANTED
STOCKTON, San Joaquin Co., Cal.—L. S. Peletz, 1660 W. Acacia Ave., Stockton, desires sub-bids on all portions of the work for the construction of warehouses to be erected for the Stockton Port Commission, for which bids will be opened Dec. 30, 4 P. M.

Contract Awarded
ALTERATIONS Cost, $5,000
SAN FRANCISCO. 735 Harrison St.
Alterations to factory.
Owner—Union Lithograph Co., premises.
Engineer—Leland S. Rosener, 233 Sansome Street.
Contractor—Lindgren and Swinerton, 225 Bush Street.

6—GARAGES & SERVICE STATIONS

BIDS OPENED
MILLBRAE, San Mateo Co., Calif.—Hanson Bros., 5840 Mission St., San Francisco, at $1,885 submitted low bid to Public Utilities Commission, Room 287, City Hall, for the construction of the Millbrae garage addition under Spec. W. D. 97. Addition will be of wood frame approximately 24x95 feet with concrete foundations, footings and floor slabs and galvanized corrugated sheathing on three sides and roof.
Complete bids follow:
(1) 35 c.y. excavation and backfill;
(2) 40 c.y. concrete;
(3) garage above foundation, lump sum;
(4) total cost.

Hanson Bros., S. F.	(1)	$ 2.00
	(2)	12.00
	(3)	1,335.00
	(4)	1,885.00
E. V. Risu	(1)	$ 2.65
	(2)	12.75
	(3)	1,514.00
	(4)	2,116.75
R. S. Silverberg	(1)	$ 2.00
	(2)	15.00
	(3)	1,519.00
	(4)	2,189.00

Bids referred to the Water Department and the PWA for approval.

General Bids Being Taken.
ADDITION Cost, $10,000
WATSONVILLE, Santa Cruz County, Cal. Lake and Main Streets.
One-story concrete addition to hotel garage.
Owner—Resetar Hotel, Watsonville.
Engineer—L. H. Nishkian, 525 Market St., San Francisco.

Contract Awarded.
SERVICE STATION Cost, $10,000
BERKELEY, Alameda Co., Cal. Rose St. and Shattuck Ave.
Super service station.
Owner—T. J. Murphy.
Architect—R. C. Schuppert, 4637 Park Blvd., Oakland.
Lessee—Texaco Company.
Contractor—B. B. Maynard, 3708 Balfour St., Oakland.

Contract Awarded
SERVICE STATION Cost, $——
EUREKA, Humboldt Co., Cal. Fourth and I Streets.
Service station.
Owner—Gilmore Oil Co., 3rd and 18th Streets, San Francisco.
Plans by Engineering Dept. of Owner.
Contractor—John Huggard, Rialto Bldg., San Francisco.

7— FEDERAL BUILDINGS

BIDS WANTED
MONTEBELLO, Los Angeles Co., Cal.—Until January 3, bids will be received by Treasury Department, Washington, D. C., for plaster models for the U. S. Post Office for Montebello.

Contract Awarded.
POST OFFICE Cont. Price, $70,430
MADERA, Madera Co., Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.

Contract Awarded.
POST OFFICE Cont. Price, $83,000
REDDING, Shasta Co., Calif. Oregon Street, bet. Placer and Yuba Sts.
United States Post Office.
Owner—United States Government.
Plans by supervising Architect, Treasury Dept., Washington, D. C.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Contract Awarded.
POST OFFICE Cont. Price, $92,850
SALINAS, Monterey Co., Cal. West Alisal, Howard, Church and Lincoln Streets.
One-story reinforced concrete Post Office (140x60 feet) tile floors in lobby, ornamental wainscoting.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.

BUILDING MATERIALS APPROVED
ANAHEIM, Orange Co., Cal. — Treasury Department approved the following equipment and building material awards for the construction of the U. S. Post Office at Anaheim. C. F. Campbell Building Co. and Chas. P. Kelly, Los Angeles, general contractors.
Relief valves, Mueller Co.; boiler Kewanee Boiler Corp.; electric water coolers and drinking fountains, Halsey W. Taylor Co.; gas water heater, American Gas Products Co.; indirect oil heater, Holstream Mfg. Co.; oil burner, Enterprise Oil Burner Co

Contract Awarded
BOAT HOUSE, ETC.
Contract Price, $42,643
PT .ARGUELLO, near Albright, Santa Barbara Co., Calif.
Station dwelling and garage for coast guard station.
Owner—United States Government.
Plans by Construction Department of Coast Guard Headquarters, Washington, D. C.
Contractor—Everett Bldg. Co., Lompoc.

Contract Awarded
POST OFFICE Cont. Price, $121,800
MARSHFIELD, Oregon.
United States post office.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dept., Washington, D. C.
Contractor — Hoffman Const. Co., 715 SW Columbia St., Portland.

CONTRACT AWARDED
WHITTIER, Los Angeles Co., Calif. —Mutual Metal Mfg. Co., 4828 West Division St., Chicago, at $397 awarded contract by Treasury Department for furnishing and installing interior lighting fixtures in the U. S. post office at Whittier.

BUILDING MATERIALS APPROVED
NEWBERG, Oregon—Treasury Department approved the following building and equipment awards for the construction of the U. S. Post Office at Newberg, Oregon. H. J. Settergen, Portland, Oregon, general contractor:
Plumbing fixtures, Crane Co.; electric water coolers and drinking fountain, Halsey W. Taylor Co.; indirect water heater, Bell & Gossett; water supply pipe, Revere Brass & Copper Co.; pressure reducing valve on water supply, McAlear Mfg. Co.; cast iron threaded pipe, Somerville Iron Wks.; tube radiators, Crane Co.; angle radiator valves, Crane Co.; air valves for radiators, air valves for ends of steam mains, Hoffman Specialty Co.; lighting distribution panel, Coast Elec. & Mfg. Co.; r. c. wire, Hazard Insulated Wire Works;receptacles and flush switches, General Electric Co.; pendant switches, Bryant Elec. Co.; glassware, Perfection Glass Co. and Gill Glass & Fixture Co.; lighting fixtures, Perfectile Co.

BUILDING MATERIALS APPROVED
GRANTS PASS, Ore.—Treasury Department approved the following building material and equipment awards for the construction of the U. S. post office at Grants Pass. Consolidated Engineering Co., Tacoma, general contractors.
Plumbing fixtures, Standard Sanitary Mfg. Co.; nonconducting covering for plumbing, Johns-Manville Co.; tube and wall radiators, American Radiators Corp.; non-conducting covering for heating, Johns-Manville Co.; air valves for radiators and air valves for ends of steam mains, American Radiator Corp.; lighting distribution panels, NePage-McKenny Corp.; feeder panel, NePage-McKenny Corp.; r.c. wire, General Electric Co.; duplex receptacles, General Elec. Co.; single receptacles, Arrow-Hart & Hegeman Elec. Co.; fan hanger, Arrow-Hart & Hegeman Elec. Co.; flush switches, General Elec. Co.; lighting fixtures, Perfectile Co.

BIDS WANTED
POINT MONTARA, Cal.—Until Jan. 8, 11 A. M., bids will be received by Public Works Officer, U. S. Navy Yard Mare Island, for remodeling an existing coal shed for an auxiliary power plant, by installing door, window, concrete machine foundations, fireproofing the interior, installing gasoline tank, piping, pole, electric wiring, switches, underground cables with connections to buildings, and the provision and installation of a hot water circulating pump in dormitory at the U. S. Naval Direction Finder Station, Point Montara. Spec. No. 8108.
Plans and specifications may be obtained from above office upon deposit of $5.00.

CONTRACT AWARDED
DENVER, Colo.—Edwin F. Guth, St. Louis, Mo., at $4,370 awarded contract by the Treasury Department for furnishing and installing interior lighting fixtures in U. S. Custom House extension in Denver.

Bids Wanted—To Close Jan. 30, 1 P.M.
POST OFFICE Cost, $——
SPOKANE, Washington.
U. S. post office building.
Owner—United States Government.
Plans by Supervising Architect of the Treasury Dep.., Washington, D. C.
Plans and specifications may be obtained from above office.

BIDS WANTED
SAN FRANCISCO—Until Jan. 2, 2 P. M., bids will be received by the Custodian, U. S. Post Office, 7th and Mission Streets, San Francisco, for rubber tile in corridor adjacent to courtroom 332.
Specifications may be obtained from the Custodian.

Contract Awarded.
POST OFFICE Cont. Price, $93,550
VENTURA, Ventura Co., Calif.
Two-story post office building, 129x93 feet (concrete walls, exposed concrete exterior, tile roof, vaults, concrete piles, marble and tile work, ornamental iron, skylights, one-pipe low pressure steam heating system, etc.)
Owner—United States Government.
Plans by Supervising Architect Treasury Dept., Washington, D. C.
Contractor—Wesco Constr. Co., 2000 Hyperion Ave., Los Angeles.

Contract Awarded.
POST OFFICE Cont. Price, $72,789
NORTH HOLLYWOOD, Los Angeles County, Calif.
United States Post Office Building.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—V. O. Brunzell and Alex Jacobson, 2150 Princeton Avenue, Los Angeles.

Contract Awarded.
POST OFFICE Cont. Price, $58,750
SAN RAFAEL, Marin Co., Cal.
United States Post Office.
Owner—United States Government.
Plans by Supervising Architect, Treasury Dept., Washington, D. C.
Contractor—Leo Epp, 4745 Geary St., San Francisco.

BID OPENING DATE POSTPONED
COCO SOLO, C. Z.—Until Jan. 8, 11 A. M. (date postponed from Dec. 28) bids will be received by the Bureau of Yards & Docks, Navy Department, Washington, D. C., for construction of buildings, roads and services at the Naval Ammunition Depot and Naval Submarine Base, Colo Solo, Canal Zone; Spec. No. 8124. Est. cost, $265,000. Work involves construction of one quarters, one office and inert storehouse, four smokeless powder magazines, three arch type magazines, two detonator magazines, six hose shelters, bridge, and macadam paving, and includes concrete construction, hollow tile work, steel, iron, bronze work, roofing, waterproofing, sheet metal work, metal windows, pressed steel and metal covered doors, metal lath, plaster work, stucco, marble, slate, tile work, carpentry and joinery, metal and wood screens, sewerage, water, plumbing, electrical and telephone systems.
Plans and specifications may be ob-

tained from above office and from the Commandant, 15th Naval Dist., Balboa, Canal Zone, and from the Commandant, 11th Naval District, San Diego, upon deposit of $50.00.

8— CLUB BUILDINGS

Plans Being Prepared
ALTERATIONS Cost, $30,000
HONOLULU, T. H.
Alterations and additions to Nuuanu Y. M. C. A. (Oriental) masonry construction.
Owner—Y. M. C. A. (Nuuanu).
Architect—C. W. Dickey, 405 S. M. Damon Bldg., Honolulu.

Planned.
LODGE Cost, $50,000
MERCED, Merced Co., Calif. Nineteenth and M Streets.
One and one-half story frame and stucco lodge building (lodge rooms cafe, card rooms, lounge, gymnasium, banquet room and billiard room).
Owner—Merced Lodge of Elks.
Architect—Not Given.

9— HOSPITALS

New Bids Wanted—To Close Jan. 6.
HOME Cost, $——
WEED PATCH, Kern Co., Calif.
Old Folks' Home.
Owner—County of Kern (F. E. Smith, County Clerk), Bakersfield.
Architect—Edwin J. Symmes, 215 Haberfelde Bldg., Bakersfield.
On previous bid opening lowest bid was submitted by Willard Michael, Bakersfield, at $49,195.

Contract Awarded.
HOSPITAL Cont. Price, $83,156
HANFORD, Kings Co., Calif.
Hospital buildings (group consists of infirmary building, isolation ward, kitchen addition, water tank and tower and physician's residence).
Owner—County of Kings (E. F. Pickerill, Clerk).
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Contractor — Midstate Construction Co., 902 Power Bldg., Fresno.
Complete bids published Dec. 5.

Contract Awarded
SANITARIUM Cont. Price, $442,500
HONOLULU, T .H.
Four-story reinforced concrete sanitarium.
Owner—Kula Sanitarium.
Architect—C. W. Dickie, Honolulu.
Contractor—E. E. Black, Ltd., Honolulu.
Complete bids follow:

E. E. Black Ltd., Honolulu		$471,138
	deduct (1)	6,837
	deduct (2)	6,552
	deduct (12)	15,247
M. Akiona, Honolulu		$463,500
	(1)	5,500
	(2)	3,000
	(12)	11,000
Pioneer Const. Co., Seattle		$485,827
	(1)	5,000
	(2)	5,000
	(12)	14,550
Hawaiian Contr. Co., Honolulu		$578,025
	(1)	8,543
	(2)	8,308
	(3)	14,520

Contract awarded on Alternates 1, 2 and 12.

Plans Awaiting PWA Approval.
HOSPITAL Cost, $245,000
SANTA ROSA, Sonoma Co., Calif.
Two-story steel hospital bldg. (stucco exterior, probably tile roof, steam heating system, steel sash, etc., 200-bed. capacity).
Owner—County of Sonoma.
Architect—John I. Easterly, Exchange Bldg., Santa Rosa.
Engineer—Ed. A. Peugh (County Engineer), Courthouse, Santa Rosa.
New bids will be probably be asked December 27.
On bid opening lowest bid was submitted by John Hachman, P. O. Box 206, Stockton, at $296,400.

Preparing Working Drawings.
HOSPITAL Cost, $100,000
RED BLUFF, Tehama Co., Calif.
One and two-story and large basement hospital (concrete exterior walls, wood floors, wood roof construction with composition covering, steam heating plant, etc.)
Owner—County of Tehama.
Architect — W. E. Coffman, Forum Bldg., Sacramento.

Preliminary Sketches Prepared
HOSPITAL Cost, $75,000
PITTSBURG, Contra Costa Co., Calif.
Reinforced concrete hospital (20 beds)
Owner—City of Pittsburg.
Architect—Dragon and Schmidts, 3016 Telegraph Ave., Berkeley.
Application will be filed with PWA. A bond election will probably be called to finance the project.

13— PUBLIC BUILDINGS FIRE HOUSES & JAILS

PREPARING PLANS
SAN DIEGO, Cal.—Architects Richard S. Requa, William Templeton Johnson, Louis Gill and Sam W. Hammill, San Diego, are preparing plans for the city-county office building to be built in the new civic center at the foot of Ash St. nl San Diego, a WPA project. J. H. Davies, Ocean Center Bldg., Long Beach, is the structural engineer. Estimated cost, $1,000,000.

Bids Rejected.
LIBRARY Cost, $29,776
ALAMEDA, Alameda Co., Calif. NW Eighth St. and Santa Clara Ave.
One-story branch library.
Owner—City of Alameda.
Architect—Carl Werner, 1303 Bay St., Alameda.
Recommendation made to the PWA that all bids be rejected.
On bid opening lowest bid was submitted by J. J. Grodem, 1028 San Antonio Ave., Alameda, at $23 500.

Preparing Sketches
CITY HALL Cost, $——
SAN LEANDRO, Alameda Co., Calif.
Two-story frame and stucco city hall (10 offices, quarters for police and fire department, city council chambers, etc.)
Owner—City of San Leandro.
Engineer—John Carl Thayer, City Engineer, San Leandro.

PLANNED
SAN FRANCISCO.—The Humboldt County Board of Supervisors have authorized the Redwood Empire Association, 85 Post St., San Francisco, to negotiate with San Francisco Bay Exposition Company for a Redwood Empire Building at the 1938 exposition. The Association is directed to make preliminary plans and estimates for the building to contain exhibits of the nine 'Redwood Empire" counties and the California Redwood Assn. and to report to the board of supervisors. Financial participation of the county will be determined after plans are accepted.

Bids Wanted—To Close Jan. 2, 8 P. M.
CITY HALL & JAIL Cost, $85,000
TULARE, Tulare Co., Cal.
Two-story reinforced concrete city hall and jail..
Owner—City of Tulare.
Architect—W. D. Coates, Rowell Bldg. Fresno.
The date was previously set for Jan. 3, 8 P. M.

Planned.
ADDITION Cost, $28,000
MARYSVILLE, Yuba Co., Cal.
One-story reinforced concrete building connecting county courthouse and hall of records.
Owner—County of Yuba.
Architect — George Sellon, California State Life Bldg., Sacramento.
Application filed with the WPA.

Sub-Contracts Awarded.
ADDITION Cont. Price, $29,713
WOODLAND, Yolo Co., Cal.
Completion of city hall (frame and stucco construction).
Owner—City of Woodland.
Architect — Harry J. Devine, Cronan Bldg., Sacramento.
Contractor—Chas. Unger, 2426 Seventh Ave., Sacramento.
Roofing—Capital Roofing Co., Sacramento.
Plumbing — Woodland Plumbing & Heating Co., Woodland.
Electric Wiring—Rex Moore, Sacramento.
Heating — Woodland Plumbing and Heating Co., Woodland.
Tile Work — H. P. Fischer Tile Co., Sacramento.
Iron Grille Work—Palm Iron Works, Sacramento.
Brick Work—Henry Redmond, Sacramento.
Structural Steel—Palm Iron Works, Sacramento.
Lumber—Diamond Match Co., Woodland.
Painting—Willcoxson & Wilson, Sacramento.
Steel Sash — Truscon Steel Co., 604 Mission St., San Francisco.

Contract Awarded.
COURTHOUSE Cost, $200,000
OREGON CITY, Oregon.
New Courthouse.
Owner—County of Clackamas.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Contractor — Glen L. Hord, Couch Bldg., Portland.

BIDS OPENED
SAN FRANCISCO—D. N. & E. Walter, 562 Mission Street, at $168.50 submitted the only bid to Department of Public Works for furnishing and hanging monks cloth to conform to present installation in Art Museum, Veterans' Bldg., War Memorial.
Bid held under advisement.

PLANNED
SAN PEDRO, Los Angeles Co., Cal. —U. S. Department of Justice contemplates erecting six new Federal jails in Various parts of the Country, one to be located on government-owned land at San Pedro. The buildings will cost between $450,000 and $500,000each. Application has been made to the works rlief administration for funds with which to finance construction

PLANNED
LOS ANGELES, Cal.—Los Angeles county supervisors this week went on record as favoring the erection of a new county courthouse to cost $10,000,000, providing it is feasible to erect the building on county-owned property and the Federal government will provide 45% of the cost in the form of a grant. The county's share of the cost, 55%, would be supplied by a bond issue.

Plans to Be Revised.
LIBRARY Cost, $30,000
CHICO, Butte Co., Calif.
Constructing public library building.

Owner—City of Chico.
Architect—Chester Cole, 4418 Second Street, Chico.
Bids previously taken for the project were rejected, only bid being submitted by Jas. L. McLaughlin, 251 Kearny St., San Francisco, at $39,335.

New Bids Wanted—To Close January 9, 1:30 P. M.
ALTER CITY HALL Cost, $154,000
PORTLAND, Oregon.
Alterations to city hall (work involves entire re-arrangement of council chambers, opening new entrances, completing rooms in north light well, etc.)
Owner—City of Portland.
Architect—A. E. Doyle, 1040 Pacific Bldg., Portland
Plans and specifications may be obtained from the architect upon deposit of $10.
On previous bid opeoing lowest bid was submitted by A. J. Bingham & Son, Couch Bldg., at $161,200.

14— RESIDENCES

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. N Wawona West 15th Avenue.
Two 1-story and basement frame and stucco residence.
Owner and Builder—S. R. Anderson, 1433 Seventh Avenue.
Architect—Not Given.

Contract Awarded
ALTERATIONS Cost, $4,432
WOODSIDE, San Mateo Co., Calif.
Alterations and additions to one-story and basement frame and stucco residence.
Owner—M. H. Pencovic, 1401 Fillmore St., San Francisco.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta Ave., San Francisco.

Contract To Be Awarded.
RESIDENCE Cost, $——
STOCKTON, San Joaquin Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths) shingle roof, steel sash, hardwood floors, tile baths, etc.
Owner—F. C. Clowdsley.
Architect—J. U. Clowdsley, Exchange Building, Stockton.
Contractor—E. Merlo, Route 2, Box 232, Stockton.

Contract Awarded
RESIDENCE Cost, $5,000
SAN MATEO, San Mateo Co., Calif. Avila Road
One-story frame and stucco residence.
Owner—Jas. McDowell, 789 El Camino Real, Burlingame.
Architect—Not Given.
Contractor—Roy Allen, Skyline Blvd., Woodside.

Contract Awarded
RESIDENCE Cost, $4,793
SAN MATEO, San Mateo Co., Calif. Robinson Subdivision.
One - story frame and stucco duplex residence (8 rooms).
Owner—Henry V. Luce.
Architect—Not Given.
Contractor — Peninsula Builders, Box 847, Menlo Park.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
SAN FRANCISCO. N Raymond 250 W Rutlhand.
Rutland.
One - story and basement frame and stucco residence.
Owner and Builder—Wm. H. Grahn, 2965 Mission Street.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
OAKLAND, Alameda Co., Calif. 2616 57th Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—Weldon H. Warren, 3821 Canon Ave., Oakland.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Lot 7 Block 8, Laguna Avenue.
One - story and basement frame and stucco residence.
Owner—H. Gassenberg.
Architect—Not Given.
Contractor—H. Kime, 118 12th Avenue, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Burlingame Gables, Concord Road.
One-story frame and stucco residence.
Owner and Builder—J. B. Oswald, 760 El Cerrito, San Mateo.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
BURLINGAME, San Mateo Co., Cal. Concord Road.
One - story and basement frame and stucco residence.
Owner — Helen Baker, 1044 Balboa, Burlingame.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito Ave., San Mateo.

Contract Awarded
RESIDENCE Cost, $6,000
BURLINGAME, San Mateo Co., Cal. Vernon Way.
One - story and basement frame and stucco residence.
Owner—R. H. Severin, 1427 Laguna Ave., Burlingame.
Architect—Not Given.
Contractor—J. B. Oswald, 760 El Cerrito Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $7000
SAN FRANCISCO. Villa Terrace and Graystone.
One-story and basement frame and stucco residence.
Owner—Fred Glauser, 2250 Green St., San Francisco.
Architect—V. Ogulou, 185 Embarcadero, San Francisco.
Contractor—M. A. Little Co., 107 4th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. Cotter St. and San Jose Avenue.
One-story and basement frame and stucco residences.
Owner—R. C. MacArthur, 6301 Mission St., San Francisco.
Architect—Not Given.
Contractor—H. Shapiro, 656 18th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $4000
SAN FRANCISCO. SE Hopkins and Burnett Sts.
Two-story frame and stucco residence
Owner—Lewis Sargent, 437 Burnett St., San Francisco.
Plans by Richard J. Neutra, 251 Kearny St., San Francisco.
Contractor—Oscar Swanson, 35 Rockwood Court, San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $6000
SAN MATEO, San Mateo Co., Calif. Seville Way.
One-story frame and stucco residence.
Owner and Builder—Geo. H. Arthur, 16 W. Santa Inez Ave., San Mateo
Architect—Not Given.

Contract Awarded.
RESIDENCES Cost, $5000 each
SAN MATEO, San Mateo Co., Calif. Avila Road.
Two one-story and basement frame and stucco residences.
Owner—Thos. F. Wiseman, 121 Sycamore St., San Mateo.
Architect—Not Given.
Contractor—Leadley & Wiseman, 207 Second Ave., San Mateo.

Contract Awarded.
RESIDENCE Cost, $8000
SAN MATEO, San Mateo Co., Calif. No. 215 Grinnell Street.
Two-story frame and stucco residence
Owner—Fred Black.
Architect—Not Given.
Contractor—G. W. Williams Co., 315 Primrose Road, Burlingame.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. 2697 14th Street.
One - story and basement frame and stucco residence.
Owner and Builder—Jos. Pedone, 914 St St., Sacramento.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $4,000
SAN FRANCISCO. Edgehill Way and Garcia Street.
One - story and basement frame and stucco residence.
Owner—Robert A. Davis, 2049 Divisadero Street.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley.
Contractor—Victor A. Bothman, 2926 Ulloa Street.

Contract Awarded
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3120 Carlsen Street.
Two-story frame and stucco residence (six rooms).
Owner—W. D. Petteys, 336 Elwood Ave., Oakland.
Architect—Not Given.
Contractor—George H. Nelson, 336 Elwood Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $2,500
233 N 14th Street.
One-story frame residence (3 rooms).
Owner—N. C. Hart, 54 N. 11th Street, San Jose.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $——
SAN JOSE, Santa Clara Co., Calif. 22nd near San Antonio Street.
One - story and basement frame and stucco residence (5 rooms).
Owner and Builder—A. E. Bell, 146 N Ninth St., San Jose.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif. 137 Hanchet Avenue.
One - story and basement frame and stucco residence (5 rooms).
Owner—A. W. Basham, 405 N. Third St., San Jose.
Architect—Not Given.
Contractor—J. E. Perkins, 1664 East Santa Clara, San Jose.

Contract Awarded
RESIDENCE Cost, $5,000
WOODSIDE, San Mateo Co., Cal. Portola Drive.
One - story and basement frame and stucco residence.
Owner—M. A. Pencovic.
Architect—Not Given.
Contractor—Aetna Const. Co., 238 Arleta Ave., San Francisco.

Contract Awarded
RESIDENCE Cost, $5,000
SAN JOSE, Santa Clara Co., Calif.
725 Garden Drive.
One-story frame and stucco residence (five rooms).
Owner—John Pricolo, 411 N. 17th St., San Jose.
Architect—Not Given.
Contractor—A. R. Calvelli, 1625 Emory St., San Jose.

Contract Awarded
RESIDENCES Cost, $6,000 ea.
PALO ALTO, Santa Clara Co., Calif.
1890 Emerson Street.
Two one-story frame and stucco residences.
Owner—R. O. Bolman, 541 Crescent Drive, Palo Alto.
Architect—Not Given.
Contractor—A. A. Smith, % owner.

Contract Awarded
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal.
2633 Fifth Avenue.
One - story and basement frame and stucco residence.
Owner—Edwin J. Pollard, 3344 I St., Sacramento.
Architect—Not Given.
Contractor—Anton L. Johnson, 2700 Marshall St., Sacramento.

Sub-Contracts Awarded.
RESIDENCE Cost, $7250
OAKLAND, Alameda Co., Cal. Oakmore Highland Tract.
Two-story frame and stucco residence
Owner—H. B. Croft, 4114 Lyman Rd., Oakland.
Architect—Not Given.
Contractor — Walter Anderson, 1014 Doris Court, Alameda.
Plumbing—J. J. Horner.
Electric Wiring—Ansel Electric Co.
Iron Grille Work—L. Siegler.
Brick Work—Chas. Simpson.
Lathing and Plastering—H. Schwab.
Lumber—Loop Lumber Co.
Wood Sash—Western Door & Sash Co.
Hardware—Maxwell Hardware Co.
Reinforcing Steel—McGrath Steel Co.
All of Oakland.

Sub-Contracts Awarded.
RESIDENCE Cost, $11,000
PALO ALTO, Santa Clara Co., Calif.
No. 1991 Bryant Street.
Two-story and basement frame and stucco residence.
Owner—Faye H. Drysdale, 715 Homer Ave., Palo Alto.
Architect—Birge M. Clark, 310 University Ave., Palo Alto.
Contractor—Aro & Okerman, Box 433 Palo Alto.
Roofing—Peninsular Roofing Co., Mt View.
Plumbing — Christenson & Anderson, Palo Alto.
Electric Wiring—M. E. Ryan, Redwood City.
Tile Work—Bloomquist Tile Co., Redwood City.
Glass—Acme Glass Co., Palo Alto.
Brick Work—C. Mezzapello, Palo Alto.
Lathing and Plastering — E. Gardner, Menlo Park.
Lumber—McElroy Cheim Lumber Co., Palo Alto.
Steel Sash — Michel & Pfeffer Iron Works, Harrison and Tenth Sts., San Francisco.
Painting—O. R. North, Palo Alto.
Concrete—Joe Emma and L. C. Bevano, Palo Alto.
Flooring—F. Backlund, Menlo Park.
Reinforcing Steel — Soule Steel Co., 1750 Army St., San Francisco.

Contract Awarded
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co.
One - story and basement frame and stucco residence (6 rooms and 2 baths) shingle roof, gas heating system, hardwood floors, tile baths linoleum floors, steel windows.
Owner—George Becker.
Architect—Hertzka and Knowles, 369 Pine St., San Francisco.
Contractor—J. R. Pitsker, 2003 Broadway, Redwood City.

Contract Awarded
RESIDENCE Cost, $8,500
CHICO, Butte Co., Calif.
Two-story frame and stucco residence (6 rooms, 2 baths) hot air heating system, hardwood floors, etc.)
Owner—Victor C. Richards.
Architect — W. R. Yelland, Financial Center Bldg., Oakland.
Contractor—Carlson & Son, Chico.

Sub-Bids Being Taken
FLATS Cost, $11,500 each
SAN FRANCISCO. Beaumont Avenue (Francisco Heights).
Two 2-story and basement frame and stucco flats (two 5-room flats in each building) flat roof, steel and wood sash, hardwood floors, tile baths, steam heating system, etc.
Owner and Builder—L. B. Ham, 105 Montgomery Street.
Architect—Ed. M. Sharpe, 525 Market Street.

Low Bidder
RESIDENCE Cost, $——
OAKLAND, Alameda Co., Cal. Rockridge District.
Two - story and basement frame and stucco **residence.**
Owner—Mr. Weaver.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Olaf Petersen, 3626 Rhoda Ave., Oakland.

Contract Awarded
RESIDENCE Cost, $5,000
MILLBRAE, San Mateo Co., Calif. Vister Avenue.
One-story frame residence.
Owner—Niels Schultz.
Architect—Not Given.
Contractor—Schultz Const. Co., 1 Hillcrest Blvd., Millbrae Highlands.

PREPARING PLANS
BAKERSFIELD, Kern Co., Calif.—Architects John Byers and Edla Muir, 246 26th St., Santa Monica, are preparing plans for a 7-room residence to be built in Bakersfield for John J. Green. The construction will be of frame and stucco, shingle roofing, hardwood and linoleum floors, pine trim, insulating, gas heating, wood sash, tiled bathrooms, showers and drainboard.

Contract Awarded
RESIDENCE Cost, $4,000
OAKLAND, Alameda Co., Calif. 1405 Allman Street.
One-story frame and stucco residence (five rooms).
Owner—Mary E. Morgan, 1442 Excelsior Ave., Oakland.
Architect—Not Given.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $6,000
OAKLAND, Alameda Co., Calif. 3921 Foresthill Avenue.
Two-story frame and stucco residence (six rooms).
Owner and Builder—C. D. Lyon, 6501 Buena Ventura, Oakland.
Architect—Not Given. 14

To Be Done By Day's Work.
RESIDENCES Cost, $4,000 each
SAN FRANCISCO. W Shotwell S 25th Street.
Two one - story and basement frame and stucco residences.
Owner and Builder—Schmidt Brothers, 3158 24th Street.
Architect—Not Given.

Plans Being Completed.
RESIDENCE Cost, $4,500
SAN FRANCISCO. Rudden Street.
One - story and basement frame and stucco residence (5 rooms) tile and composition roof, wood sash, gas heating system, hardwood floors.
Owner and Builder—D. Tiscornia, 1651 Alemany Blvd.
Architect—D. E. Jaekle, 126 Post St.
Sub-bids will be taken within a few days.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. W Paxon Ave. 90 N Wildwood.
One-story and basement frame and stucco residence.
Owner and Builder—Gus Carlson, 1033 Noe St., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $5000
SAN FRANCISCO. S Magellan Street near Cortez St.
Two-story frame and stucco residence
Owner and Builder—Ed. Rosemont, 176 Duboce Ave., San Francisco.
Architect—Not Given.

To Be Done By Day's Work.
RESIDENCE Cost, $4,000
BURLINGAME, San Mateo Co., Calif. 40 Howard Street.
One-story frame and stucco residence.
Owner and Builder—H. E. Winfaz, Lomita Park.
Architect—Not Given .

CONTRACT AWARDED
BEVERLY HILLS, Los Angeles Co. Cal.—L. D. Richardson & Co., 9437 Santa Monica Blvd., Beverly Hills, awarded contract for reconstruction of a two-story, 15-room residence at 1871 Angelo Dr., Beverly Hills, for Jack L. Warner. Roland E. Coate, 710 Architects' Bldg., Los Angeles, architect.

Owner Taking Bids.
RESIDENCE Cost, $——
REDWOOD CITY, San Mateo Co., Cal. W. Elwood St., bet. Brewster and Hopkins Streets.
One-story and basement frame and stucco residence (5 roomts, laundry and large rumpus room) tile roof, hot air furnace, hardwood floors, tile baths.
Owner—Mr. and Mrs. Thos. Buich, 545 Clay St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Bid Opening Date Postponed Until January 7.
RESIDENCE Cost, $12,000
VALLEJO, Solano Co., Calif.
Two-story frame and stucco residence (8 rooms and 3 batbs) shingle roof gas hot air heating system, hardwood floors, tile baths, etc.
Owner—Russell F. O'Haro.
Architect — Fred Reimers, 233 Post St., San Francisco.

Sub-Contracts Awarded.
RESIDENCE Cost, $7000
PALO ALTO, Santa Clara Co., Calif. No. 1025 Lincoln Avenue.
Two-story frame residence.
Owner—Carl Miller, 454 Forest Ave., Palo Alto.
Architect—Not Given.
Contractor—E. J. Schmaling, 863 Melville Ave., Palo Alto.
Roofing—Davis Roofing Co.
Plumbing—Lee & Sharp, Palo Alto.
Heating—Christian & Anderson, Palo Alto.

Lumber—McElroy Cheim Lumber Co., Palo Alto.
Concrete—Urban Bros., Palo Alto.
Flooring—A. Backlund, Palo Alto

Sub-Contracts Awarded.
RESIDENCE Cost, $5000
MILLBRAE, San Mateo Co., Calif.
Vister Avenue.
One-story frame residence.
Owner—Niels Schultz.
Architect—Not Given.
Contractor — Schultz Constr. Co., 1 Hillcrest Blvd., Millbrae Highlands.
Plumbing—James Burham, Millbrae.
Electric Wiring—Burlingame Electric Co., Millbrae.
Heating and Sheet Metal—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Glass—Eureka Mills.
Brick Work —Martin Nelson, 2847 Army St., San Francisco.
Lathing and Plastering—J. J. Powers, 678 20th Ave., San Francisco.
Lumber—Sudden Lumber Co., Evans and Quint St., San Francisco.
Wood Sash—Eureka Mills.
Window Shades—Uneeda Shade Co., San Francisco.
Hardware—McKillop Hardware Co., 658 Clement St., San Francisco.
Flooring—White Oak Floor Co., San Bruno.
Painting — Walter Dobrogaeff, San Francisco.
Concrete—C. C. Sayre, San Francisco.

Plans Being Figured—Bids Close Jan. 4, 12 Noon.
RESIDENCE Cost, $——
HILLSBOROUGH, San Mateo County.
One-story frame and stucco residence (7 rooms, 3 baths) wood shingle roof, gas heating system, wood sash, tile baths; Rambling Type.
Owner—F. H. McCrea.
Architect—W. W. Wurster, 260 California St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $5,000 ea.
SAN FRANCISCO. W 21st Avenue S Pacheco Street.
Two 1-story and basement frame and stucco residences.
Owner and Builder—Herman Christensen, 1422 27th Ave.
Architect—C. C. Clausen, 746 46th Avenue.

To Be Done By Day's Work.
RESIDENCES Cost, $6,000 each
SAN FRANCISCO. W 24th Avenue N Ocean Avenue.
Four 1-story and basement frame and stucco residences.
Owner and Builder—Jas. A. Arnott, 633 Taraval Street.
Architect—Not Given.

Contract Awarded
RESIDENCE Cost, $8,000
ALAMEDA, Alameda Co., Calif. 3101 Gibbons Drive.
Two - story frame, stucco and rustic residence (7 rooms).
Owner—Chas. W. Cox, Alameda.
Architect—F. H. Slocombe, 131 Monte Cresta Ave., Piedmont.
Contractor—H. C. Knight, 1435 Harrison St., Oakland.

Sub-Bids Being Taken.
RESIDENCES Cost, $5000 each
SAN FRANCISCO. Pinelake Park.
Six one-story and basement frame and stucco residences (five rooms) tile shingle tile, composition, shake roofs, wood sash, hardwood floors tile baths, etc.
Owner and Builder—A. J. Herzig, 2300 Ocean Ave., San Francisco.
Architect—D. E. Jaekle, 126 Post St., San Francisco.

15— SCHOOLS

BOND ELECTION
HILMAR, Merced C., Calif.—Elim Union School District will vote Jan. 13 on a proposal to issue bonds in the amount of $30,000 to finance construction of a one-story frame and stucco elementary school in Hilmar. Preliminary plans prepared by Charles F. Dean, California State Life Building, Sacramento.
Grant of $20,460 approved by PWA.

LOW BIDDERS
LOS ANGELES, Cal.—Elystone & Van Tuyle, 136 Walnut St., Brea, submitted low bid to Los Angeles Board of Education at $52,100, for one-story school building to be erected at Lorena Street School, 1015 S. Lorena St. A. S. Nibecker Jr., Architect, 1425 S. San Pedro St

Contract Awarded
SCHOOL Cont. Price, $46,000
DORRIS, Siskiyou Co., Calif.
One-story elementary school building.
Owner—Dorris Elementary School District.
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Ore.
Contractor—Brosterhous Const. Co., Klamath Falls, Ore.
Complete bids published Dec. 17.

Contract Awarded.
SCHOOL Cont. Price, $114,900
MARIPOSA, Mariposa Co., Calif.
Additions to high school (concrete foundations, frame and stucco construction, tile roof, etc.)
Owner—Mariposa High School Dist.
Architect—W. H. Weeks, 525 Market St., San Francisco.
Contractor—Wm. Spivock, 544 Golden Gate Ave., San Francisco.
Complete bids published Dec. 12.

Contract Awarded.
SCHOOL Cont. Price, $78,537
KENNEWICK, Washington.
Two-story reinforced concrete school (227x133 ft.) auditorium, gymnasium, cafeteria, offices, classrooms.
Owner—School Dist. No. 17, Benton County (Erwin Black, Supt. of Schools).
Architect—Earl W. Morrison, Textile Tower, Seattle.
General Work—Standard Constr. Co., Perkins Bldg., Tacoma, $78,537.
Plumbing and Heating—Chas. R. Morton, Yakima, $19,426.
Electric—Thordarson Electric Co., 518 Denney Way, Seattle, $4730.

Bids Wanted—To Close January 16, 10 A. M.
RECON. SCHOOL Cost, $37,000
SAN LEANDRO, Alameda Co., Cal.
Reconstruct McKinley School, enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Plans and specifications may be obtained from the engineer upon deposit of $25.00.

No Bids Received
GYMNASIUM Cost, $50,900
TUOLUMNE, Tuolumne Co., Calif.
One - story reinforced concrete high school gymnasium.
Owner—Summerville High School Dist.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
No bids were received December 21. Slight revision will be made in the plans and new bids asked shortly.

BOND ELECTION
PASO ROBLES, San Luis Obispo Co., Cal.—Paso Robles Union High School District will vote on January 9, on a proposal to issue bonds in the amount of $18,000, proceeds to finance construction of a one-story brick gymnasium at the high school, total cost of which was estimated at $36,000. Preliminary plans prepared by Architect Orval Clark, 359 N. Ridgewood Place, Los Angeles.
Bids were opened for the construction of the building, lowest bid being submitted by F. C. Stolte Co., 3449 Laguna Ave., Oakland, at $41,900.

Bids Opened
MEMORIAL BLDG. Cost, $32,500
TUOLUMNE, Tuolumne Co., Calif.
One-story brick and concrete memorial bldg. (composition roof, probably electric heat, etc.)
Owner—County of Tuolumne.
Architect—Frank V. Mayo, 108 East Miner St., Stockton.
Low Bidder—W. Buck & Sons, 57 E. Geary St., Stockton.
Complete bids follow:
(1) deduct; (2) deduct; (3) deduct; (4) deduct; (5) deduct; (6) net bid.

W. Buck & Sons, Stockton		$34,178
	(1)	135
	(2)	1,050
	(3)	800
	(4)	751
	(5)	3,422
	(6)	28,020
Nelson & Wallace, Escalon		$34,211
	(1)	150
	(2)	1,400
	(3)	800
	(4)	525
	(5)	2,623
	(6)	28,933
Sam Eyre, Tracy		$33,622
	(1)	135
	(2)	910
	(3)	600
	(4)	175
	(5)	2,869
	(6)	29,115
Ecker Bros., Stockton		$34,300
	(1)	150
	(2)	840
	(3)	680
	(4)	615
	(5)	2,900
	(6)	29,115

Recommendation made to the PWA that contract be awarded to W. Buck & Son.

Bids Wanted—To Close Jan. 3, 10 A.M.
SCHOOL Cost, $72,787
MILWAUKIE, Oregon.
Concord School.
Owner—School District 28 (F. F. H. Mills, Clerk) Clackamas County.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Cal.—Architect H. G. Spielman, 1102 Architects' Bldg., and Structural Engineer C. G. DeSwarte, 5369 Wilshire Blvd., commissioned by Los Angeles board of education to prepare plans and specifications for the reconstruction, rehabilitation and strengthening of the main building at Carmelita Avenue school, 3747 E. 61st St. Cost, $48,600.

COMMISSIONED TO PREPARE PLANS
LOS ANGELES, Calif. — Architects Plummer, Wurdeman & Backet, 901-02 Architects' Bldg., and Structural Engineer O. G. Bowen, 1144 S Grand Ave., commissioned by Los Angeles board of education to prepare plans and specifications for the reconstruction, rehabilitation and strengthening of buildings Nos. 1 and 2 at Albion St. school, 322 S. Avenue 18. Cost, $100,000.

CONTRACT AWARDED
SAN FRANCISCO—General Seating Co., 160 Second St., at $2121.80 awarded contract by Department of Public

Works for stage equipment for the Girls' High School, Scott and O'Farrell Streets.

Bids Rejected.

SHOPS Cost, $——
SAN FRANCISCO. Fillmore Street bet. Bay and Chestnut Stat.
Machine shops at the Marina Junior High School.
Owner—City and County of San Francisco.
Architects—George Kelham, 315 Montgomery St.; W. P. Day, Financial Center Bldg., and John Bakewell, Jr., 251 Kearny Street.
On bid opening only bid on the segregated general work as submitted by Anderson & Ringrose, at $218,000 and MacDonald & Kahn, at $245,542 submitted only bid on work complete. F. W. Snook, low on mechanical equipment and plumbing at $23,545, and United Electric Constr. Co., at $8147 low on electrical work.

Bids Wanted — To Close January 16, 10 A. M.

RECON. SCHOOL Cost, $40,000
SAN LEANDRO, Alameda Co., Calif.
Reconstruct Washington School (enlarge auditorium, etc.)
Owner—San Leandro School District.
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Plans and specifications may be obtained from the Engineer upon deposit of $25.

Sub-Contracts Awarded.

ADDITION Cont. Price, $12,869
BERKELEY, Alameda County, Calif.
Campus of University of California.
One-story annex to Architectural Library building (retn. concrete construction).
Owner—University of California.
Architects—Walter Steilberg, Stafford Jory, Warren C. Perry and W. G Corlett.
Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Plumbing and Heating—Scott Co., 243 Minna St., San Francisco.
Sheet Metal — Aladdin Heating Co., 5107 Broadway, Oakland.
Steel Windows—Detroit Steel Prods. Co., 111 Sutter St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Glass — Cobbledick Kibbe Glass Co., 666 Howard St., San Francisco.
Mill Work — Pacific Mfg. Co., 454 Montgomery St., San Francisco.
Hardware—Palacee Hardware Co., 581 Market St., San Francisco.
Electric—Spott Elec. Co., 569 19th St., Oakland.

CONTRACTS AWARDED

LOS ANGELES, Cal.—Los Angeles board of education has awarded contracts for school painting and miscellaneous work as follows: Science building at Hollywood high school, 1521 N. Highland Ave., to Raphael Co., at $1,-850; shop bungalow at Thos. A. Edison junior high school, 6500 Hooper Ave., to Angelus Painting & Decorating Co. at $290; main building at Fishburn Ave. school, 5701 Fishburn Ave., Maywood, to J. H. Conner at $2960; main building at 118 Street school, 144 East 118th St., to Wm. Gelfan, at $6,-969; main building at Ford Boulevard school, 1150 Ford Blvd., Belvedere Gardens, to D. Zelinsky & Sons at $2-225; main, west and north buildings at 49th Street school, 4917 McKinley Ave., to D. Zelinsky & Sons at $1115; main brick building at Rowan Avenue school, 600 S. Rowan Ave., to D. Zelinsky & Sons at $3891; east, central and west buildings at Gage Avenue school, 2880 Gage Ave., Huntington Park, to D. Zelinsky & Sons at $1,-396; 1923 portion of the main building at 97th St. school, 400 W. 97th St., to D. Zelinsky & Sons at $2525; annex building at Manchester Ave. school, 661 W 87th St., to Jack Ewins at $1,-150; main building at Sixth Ave. school 3109 6th Ave., to Floyd J. Christensen at $3950; practical arts building, annex at power house at Huntington Park high school, 6020 Miles Avenue, Huntington Park, to D. Zelinsky and Sons at $2375.

Award Recommended.

ADDITION Cont. Price, $64,925
ELK GROVE, Sacramento Co., Calif.
Brick, concrete and steel addition to high school (science building and boiler room).
Owner—Elk Grove Union High School District.
Architect—Jens C. Petersen, 812 26th St., Sacramento.
Contractor—Campbell Constr. Co., 800 R St., Sacramento.
Recommendation made to the PWA that contract be awarded to Campbell Constr. Co., at $64,925.
Complete bids published Dec. 19.

BONDS DEFEATED

SACRAMENTO COUNTY, Cal. — Pacific Elementary School District, defeated bond issue December 20, in the amount of $33,000. Proceeds were to have financed construction of one-story frame and stucco grammar school on Franklin Blvd. and 47th Ave. and construction of a one-story frame and stucco grammar school at 21st St. and Franklin Blvd.
Preliminary plans prepared by Architect Jens. C. Petersen, 812 26th St., Sacramento.

CONTRACTS AWARDED

CONCORD, Contra Costa Co., Cal.—Mt. Diablo Union High School Dist. awarded the following contracts for furnishing and installing equipment and linoleum for the Mt. Diablo High School:
Linoleum—Higgins Awning & Linoleum Co., 2325 Broadway, Oakland $1714.05.
Seats and Desks—General Seating Co. 160 Second St., San Francisco, $4,-622.
Lockers—F. E. Turner Co., 557 Market St., San Francisco. $1699.84.

Award Recommended.

HIGH SCHOOL Cont. Price, $50,900
CEDARVILLE, Modoc Co., Calif.
One-story frame and stucco high school (12 classrooms and study hall) composition roof, steam heating system, wood floors, etc.
Owner — Surprise Valley Union High School District.
Architect—Jens Petersen, 812 26th St., Sacramento.
Contractor—P. D. Harris, Cedarville.
Recommendation made to the PWA that contract be awarded to P. D. Harris, at $50,900.

New Bids Wanted—To Close December 31, 10 A. M.

SCHOOL Cost, $129,000
SALEM, Oregon.
Two-story reinforced concrete school (188x238 feet) (12 classrooms, library, music room, shop, auditorium to seat 600), brick veneer exterior, terra cotta, steam heat, maple and concrete slab floors, acoustical treatment, structural steel, temperature regulators, etc.
Owner—School District No. 24, Marion County.
Architect—F. H. Strubble, Guaranty Bldg., Portland.
On previous bid opening lowest bid was submitted by Drake, Wyman & Voss, U. S. Bank Bldg., Portland, at $180,690.
Plans and specifications may be obtained from the architect upon deposit of $25.00.

PREPARING PLANS

LOS ANGELES, Cal. — Architects Allison & Allison, 1014 Edison Bldg., Los Angeles, preparing working drawings for two-and part three-story dormitory building to be erected at Pomona College. Cost $260,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Ross Montgomery, 3828 Amesbury Rd., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building and auditorium building to be erected at the Buchanan Street School, 5011 Baltimore St. Cost, $120,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Calif. — Architect Howard Schroder, 458 E Spring St., and Structural Engineer D. F. Shugart, 1770 N Vermont Ave., commissioned by Los Angeles board of education to prepare plans and specifications for the reconstruction, rehabilitation and strengthening of the main building at Aldama St. school, 632 N. Avenue 50. Cost, $50,000.

BIDS WANTED

RAMONA, San Diego Co., Cal.—Until Jan. 4, 7:30 P. M., bids will be received by Ramona Union High School District for construction of a school building at Ramona, San Diego county, a PWA project. Plans and specifications may be obtained from the clerk of the board or from the architect, Wm. P. Lodge, 509 Fifth Avenue Bldg., San Diego, upon deposit of $10 Cost, $63,000.

Contract Awarded

NORMAL SCHOOL Cost, $230,000
ELLENSBURG, Washington.
Normal school (auditorium to seat 1,-000; classrooms, shop, etc.)
Owner—State of Washington.
Architect—John W. Maloney, Larson Bldg., Yakima, Wash.
Contractor—Roberts and Johnson, 111 Commerce, Tacoma, $175,332.
Plumbing, Heating & Ventilating—A. G. Rushlights, 407 SE Morrison, Portland, $37,172.
Electric—NePage - McKenny Co., 806 Sixth South, Seattle. $13,064.

Contract Awarded

HIGH SCHOOL Cont. Price, $172,685
ESTACADA, Oregon.
Two-story high school (20 classrooms and gymnasium, 250x120 ft.) brick exterior, cast stone trim, composition flat roof, low pressure steam heating system, acoustical treatment, black boards, fire doors, hollow tile, lockers, ornamental iron and bronze, etc.
Owner—School District 6, Clackamas County.
Architect—F. Marion Stokes, Terminal Sales Bldg., Portland.
Contractor—Allyn & Powers, McKay Bldg., Portland.

Low Bidders

SCHOOL Cost, $125,454
KENNEWICK, Washington.
Two-story reinforced concrete school (227x132-ft.) auditorium, gymnasium, cafeteria, offices, classrooms.
Owner—School Dist. No. 17, Benton County (Erwin Black, Supt. of Schools).
Architect—Earl W. Morrison, Textile Tower, Seattle.
General Work — Standard Const. Co., Perkins Bldg., Tacoma, $78,537.
Plumbing and Heating—Chas. R. Morton, Yakima, $19,426.
Electric—Thordarson Electric Co., 518 Denny Way, Seattle, $4,730.

BIDS WANTED

HAYWARD, Alameda Co., Cal.—Until Jan. 3, 1 P. M., new bids will be received by Jacob Harder, Jr., Clerk, Hayward School District, 1074 C St., Hayward, for furnishing lumber to be used in the construction of the new John Muir School on Orchard Avenue and Soto Road, Hayward.

Specifications and proposal forms may be obtained from above office.

Contract Awarded.

IMPROVE SCHOOL Cost, $31,000
SALINAS, Monterey Co., Calif.
Structural change to domestic science building of the Salinas Union High School (wood frame construction, steel columns and trusses).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St. Salinas.
Contractor, H. C. Geyer, 946 Hellam St., Monterey.
Complete bids published Dec. 13.

Plans Being Figured—Bids Close Jan. 4, 8:00 P. M.

SCHOOL Cost, $34,000
BRISBANE, San Mateo Co., Calif.
One-story frame and stucco grammar school (4 classrooms).
Owner—Visitacion Elementary School District.
Architect—Thos. Edward, 9 Geary St., San Francisco.
Plans and specifications may be obtained from the architect upon deposit of $20.00.

Contract Awarded.

SCHOOL Cont. Price, $92,866
SALINAS, Monterey Co., Calif.
One-story wood frame school building (11 classrooms and auditorium to seat 600; gymnasium with steel trusses and columns).
Owner — Salinas City School District (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—Frank J. Reilly, 6350 Fulton St., San Francisco.

Contract Awarded.

JUNIOR COLLEGE Cont. Price, $131,936
SALINAS, Monterey Co., Calif.
One-story wood frame Junior College and gymnasium with steel columns and trusses.
Owner—Salinas Un. High School Dist. (R. D. Case, Secretary).
Architect—Chas. Butner, 51 Maple St., Salinas.
Contractor—C. L. Wold Constr. Co., 4412 Fulton St., San Francisco.

Plans Approved By PWA.

MACHINE SHOP Cost, $219,584
SAN FRANCISCO, Thirty-first Ave. and Geary Street.
Three-story reinforced concrete machine shop buildig at George Washington School (steel sash).
Owner—City and County of San Francisco.
Architect—Miller & Pfluegr, 580 Market St., San Francisco.
Bids will be asked shortly.

Bids Opened.

SCHOOL Cost, $28,000
DEL PASO, Sacramento Co., Calif.
One-story concrete school.
Owner—Del Paso School District.
Architect — W. E. Coffman, Forum Bldg., Sacramento.
Low Bidder—P. F. Bender, 1012 Del Paso Blvd., Sacramento, $28,000.
P. F. Bender, Sacramento.....$28,000
.....(1) ded. 793
.....(2) ded. 1,440
.....(3) ded. 470
.....(4) ded. 2,150
H. W. Robertson, Sacramento..$29,741
.....(1) ded. 800
.....(2) ded. 1,500
.....(3) ded. 500
.....(4) ded. 3,421
Lawrence Constr. Sacto.....$31,190
.....(1) ded. 1,118
.....(2) ded. 730
.....(3) ded. 470
.....(4) ded. 2,000

District will recommend to PWA of a contract to P. F. Bender, deducting all alternative items.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect W. S. Davis, 3215 W Sixth St., commissioned by Los Angeles board of education to prepare plans and specifications for a new building to be erected at Malabar Street school, 3200 Malabar St. Cost, $75,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect Armand Monaco, 306 Pershing Square Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for an addition to school building to be erected at the Grant School, 1530 N. Wilton Place. Cost, $30,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect Roland E. Coate, 701 Architects' Bldg., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new school building and auditorium building to be erected at Arlington Heights School, 1717 Seventh Ave. Cost, $130,000

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Winchton L. Risley, 220 S. Westmoreland Ave., commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building and auditorium building to be erected at Commonwealth Avenue School, 210 S. Virgil Ave. Cost, $35,000.

COMMISSIONED TO PREPARE PLANS

HOLLYWOOD, Los Angeles Co., Cal.—Architects Marsh, Smith & Powell, 508 Architects' Bldg., commissioned by Los Angeles Board of Education to prepare plans and specificationst for a new building to be erected at the Hollywood High School, 1521 N. Highland Ave. Cost, $165,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal.—Architect W. C. Pennell, Room 1406, 728 S. Hill St., commissioned by Los Angeles Board of Education to prepare plans for new building and auditorium at Cahuenga School, 220 S. Hobart Blvd. Cost, $77,000.

CONTRACT AWARDED

LOS ANGELES, Cal.—L. W. Odell, 6417 Drexel Ave., awarded contract by Los Angeles Board of Education, at $53,480, for reconstruction, rehabilitation and strengthening of Building No. 2 at the Second Street School, 1942 E. Second St. William Mellema, 1661½ Beverly Blvd., architect.

CONTRACT AWARDED

LOS ANGELES, Cal.—R. E. Campbell, 711 Central Bldg., awarded contract by the Los Angeles Board of Education, December 16, at $58,485, for reconstruction, rehabilitation and strengthening of the main brick building at the Logan Street School, 1411 Logan St. Henry F. Withey, 405 S. Western Ave., Architect, and L. A. Parker, 804 Architects' Bldg., Structural Engineer

CONTRACT AWARDED

LOS ANGELES, Cal.—Carl J. Johnson, 654 E. 81st St., Los Angeles, awarded contract by Los Angeles Bd. of Education, at $61,917, for construction of a one-story school building at Loma Vista Avenue School, 3629 E. 58th St., Maywood. A. S. Nibecker, Jr., Architect, 1425 S. San Pedro St., Los Angeles.

PREPARING PLANS

SAN DIEGO CO., Calif.—Architects Kistner & Curtis, 513 Spreckels Theater Bldg., San Diego, are preparing working drawings for a new one-story main building and for the completion Julian Union high school, San Diego County, a PWA project. Cost, $50,000.

COMMISSIONED TO PREPARE PLANS

LOS ANGELES, Cal. — Architect Edward Cray Taylor, 803 W. Third St. commissioned by Los Angeles Board of Education to prepare plans and specifications for a new building to be erected at the Tenth Street School, 1000 Grattan St. Cost, $57,000.

BIDS REJECTED

LOS ANGELES, Cal.—Los Angeles Board of Education has rejected all bids for construction of Unit No. 2 at the Sixty-first Street School, 6050 S. Figueroa St., due to excessive cost and has ordered the plans and specifications remanded to the architectural section of the board for revision. The work will be readvertised shortly. George Mittry, 122 S. Avenue 20, was the previous low bidder at $59,500.

BOND ELECTION

BAKERSFIELD, Kern Co., Cal.—Kern County Union High School and Junior College District will vote on January 17, on a proposal to issue bonds in the amount of $200,000, proceeds to finance construction of school improvements in Bakersfield.

Contract Awarded.

ALTERATIONS Cont. Price, $143,725
BERKELEY, Alameda Co., Cal. No. 1775 Rose Street.
Alterations to Garfield School.
Owner—Berkeley School District.
Architect — Bakewell & Weihe, 251 Kearny St., San Francisco.
Engineer—Thomas F. Chace, Berkeley Board of Education, Berkeley.
Contractor—K. E. Parker Co., 135 So. Park, San Francisco.

Contract Awarded.

RECON. SCHOOL Cont. Price, $17,350
SAN LEANDRO, Alameda Co., Calif.
Clarke, Hepburn, Carpentier and Saunders Streets.
Repairs and reconstruction of Lincoln School.
Owner—San Leandro School District (Wm. Lucio, Secretary).
Engineer — H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor — Fred J. Early Jr., 369 Pine St., San Francisco.
Complete bids published Dec. 9.

CONTRACT AWARDED

LONG BEACH, Cal.—J. K. Thomas, 700 Kress Bldg., Long Beach, awarded contract by Long Beach board of education at $109,498, for the construction of the Whittier elementary school. D. E. Herrald, 732 Pine Ave., Long Beach, architect.

16—BANKS, STORES AND OFFICES

Sub-Contracts Awarded.
STORE Cost, $15,000
OAKLAND, Alameda Co., Calif. No. 5662 College Avenue
One-story frame store building.
Owner—M. Brandenborg.
Plans by Geo. W. Cotterill, 4221 Horton St., Emeryville
Contractor—Daley Bros., 414 Horton St., Emeryville.
Glass—East Bay Glass Co.
Lumber—Smith Lumber Co.
Concrete—Triberti & Masaaro.
Wood Trusses—Summerbell Truss Co.
Sub-bids are wanted on roofing, plumbing, electric wiring, sheet metal, lathing and plastering, steel sash and painting. 1

Contract Awarded
STORE Cost, $15,000
OAKLAND, Alameda Co., Calif. 5662 College Avenue.
One-story frame store building.
Owner—M. Brandenborg.
Plans by Geo. W. Cotterill, 4221 Horton St., Emeryville.
Contractor—Daley Bros., 441 Horton St., Emeryville. 6

Contract Awarded
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 211 Montgomery.
Alterations to offices.
Owner—Russ Building Company.
Architect—Not Given.
Contractor—A. G. J. Muller, 243 7th Street. 6

Planned.
ALTERATIONS Cost, $85,000
FRESNO, Fresno Co., Cal. No. 1014 Fulton Street.
Alterations to building (two stores, etc.)
Owner — Hugo D. Newhouse, Russ Bldg., San Francisco.
Architect—Not Selected.
Lessees—Edison Shoe Co., St. Louis, Mo., and Zukors Dress Shop, San Francisco.
Bids will probably be asked an three separate contracts, one estimated to cost $35,000, one $40,000 and the third $10,000.

Contract Awarded
MARKET Cost, $3,000
SAN FRANCISCO. N Wilde W Rutland.
One-story frame meat market.
Owner—Peter Ramiriez.
Architect—Not Given.
Contractor—Wm. Hansberg, 1 Rutland Street. 1

Contract Awarded.
RESTAURANT Cost, $——
FRESNO, Fresno Co., Cal. Tulare Street.
Two-story and basement restaurant (main lunch and cafeteria room, soda fountain, lunch counter and kitchen, new ranges, refrigerators, etc.)
Owner—Milo L. Rowell, Fresno.
Architect—Ernest K. Kump, Rowell Bldg., Fresno.
Contractor — Trewhitt, Shields and Fisher, Pacific Southwest Bldg., Fresno.

Contract Awarded.
STORE Cost, $12,000
PALO ALTO, Santa Clara Co., Calif. The Circle.
One-story store building.
Owner—Adam B. Morton Company.
Architect—Not Given.
Contractor—A. F. Mattock, 212 Clara St., San Francisco. 1

Preparing Plans.
BUILDING Cost, $——
BERKELEY, Alameda Co., Cal. Bancroft Way near Telegraph Ave.
Two-story and basement Class C medical dental building.
Owner—F. C. Turner.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.

Contract Awarded
SCHOOL Cost, $61,925
SEBASTOPOL, Sonoma Co., Calif.
One-story frame and stucco grammar school (11 classrooms, composition roofing, steam heating system, wood floors, wood sash, etc.
Owner—Sebastopol Union Elementary School District.
Architect—Herbert and Caulkins, Rosenberg Bldg., Santa Rosa.
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor—L. Diogardi, Sebastopol.
Complete bids published Dec. 16.

Contract Awarded
STORE Cost, $3,000
SAN JOSE, Santa Clara Co., Calif. 375 E Taylor Street.
One-story frame wholesale store.
Owner—Santa Clara Valley Fruit and Vegetable Growers' Assn.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.
Contractor — Dan Caputo, 401 Illinois Ave., San Jose. 1

Bids In—Held Under Advisement.
ALTERATIONS Cost, $4,000
SAN FRANCISCO. 1642 Fillmore St.
Alterations to stores.
Owner—Martin Stelling, Jr., 155 Montgomery Street.
Architect—Earle B. Bertz, 681 Market.
Announcement will be made within a few days.

CONTRACTS AWARDED
LOS ANGELES, Cal. — Ford J. Twaits Co., 816 W. Fifth St., awarded contracts for the construction of additions to three Los Angeles plants of Sears, Roebuck & Co., the cost to total approximately $600,000. New units are to be added to the mail order and retail store building at 2650 E. Ninth St., an addition to the retail store at 5603 Santa Monica Blvd., and an addition to the rtail store at 5820 S. Vermont Ave. Work on the Ninth Street addition has been started and on the other two additions immediately after the holidays. Plans for the improvements were prepared by the owner's architectural department in Chicago. Oliver G. Bowen, 1144 S. Grand Ave., consulting structural engineer 1

Contract Awarded
ALTERATIONS Cost, $1,500
PALO ALTO, Santa Clara Co., Calif. 488 University Avenue.
Alterations to store building.
Owner—President Hotel.
Architect—Not Given.
Contractor—W. P. Goodenough, 310 University Ave., Palo Alto.

17— THEATRES

Contract Awarded
THEATRE Cost, $115,000
WAIKIKI, T. H. Kalakaua Avenue.
Reinforced concrete theatre (garden court, front flanked by covered approaches, etc.; seating capacity of 1200).
Owner—Consolidated Amusement Co.
Architect—C. W. Dickey, 405 S. M Damon Bldg., Honolulu.
Contractor—E. E. Black, Ltd., Honolulu.

Plans Being Completed.
REBUILD THEATRE Cost, $——
MODESTO, Stanislaus Co., Calif.
Rebuild theatre (recently destroyed by fire).
Owner—Modesto Theatre (W. R. Messinger, McHenry St., Modesto.)
Architect—Russell G. deLappe, 5905 Keith St., Berkeley.
General bids will be taken shortly.

Sub-Contracts Awarded.
ALTERATIONS Cost, $18,000
SAN FRANCISCO. 1046 Market St.
Alterations to theatre (new seats, painting, decorating, carpentry work, etc. (theatre to seat 399).
Owner—Pompeii Theatre.
Architect—F. F. Amandes, 1879 18th Avenue.
Contractor—Fred K. DuPuy, 110 Sutter Street.
Plumbing—Alexander Coleman, 746 Ellis Street.
Electric—Ed. Lynch, 2080 Sutter St.
Lumber—West Coast Lumber Co., 748 Brannan Street.
Steel—Western Iron Works, 141 Beale.
Ornamental Iron—Michel and Pfeffer Iron Works, Harrison and Tenth.

19—MISC. CONSTRUCTION

BIDS OPENED
SACRAMENTO, Calif. — Capital Lumber Co., Sacramento, submitted only bid at $185 to Department of Public Works, for razing dwellings and out buildings owned by the State of California on premises situated at 1110 N Street, 1114 N Street, 1130 N Street, and 1114 12th Street, Sacramento 1

CONTRACT AWARDED
PIOCHE, Nevada — Fritz Ziebarth, Security Bldg., Long Beach, at $2800 awarded contract by the Pioche Power Company for constructing approximately two miles of power line from Pioche to the Prince Mine. The work will constitute the first portion of the Pioche-Boulder Dam power line, for which the PWA has allotted a loan and grant of $600,000. The balance of the work is to be let under separate contract.
The other bids were:
H. H. Walker, Inc., L.A. $3386
J. C. Orrock, Pioche 3920

BIDS WANTED
SUSANVILLE, Lassen Co., Cal.—Until December 21, 4 P. M., bids will be received by the Red River Lumber Co., Westwood, at the office of Fred Lloyd, for the following work at the Cedar Mill now under construction at Susanville:
(1) Installation of steel Burner Conveyor End at the outer end of wooden conveyor now in place. Work consists of installing two concrete piers 36-in. x 36-in. at base and suitable height to receive the steel columns. Erect steel structure with conveyor and sheave on top joined to the wooden conveyor structure.
(2) Erect and suitably guy on top of boiler one stack 24-in. x 50-ft.
(3) Install transfer table and trimmer with drives.
(4) Install sawdust conveyor under Edger and drive.
(5) Install Bark Conveyor from Pond and drive.
(6) Build Dutch Oven under Boiler.
The foundation concrete is now in place.
Materials for all work will be furnished by Company, delevered at the Mill.
Further details of the proposed work may be obtained from Mr. W. I. Morrison at Westwood or from Mr. L. E. Earlow at the Cedar Mill in Susanville. 1

BONDS DEFEATED

ORLAND, Glenn Co., Calif.—City of Orland defeated bond issue Dec. 17 in the amount of $40,000. Proceeds were to have financed construction of a municipal swimming pool at Orland.

Preliminary plans prepared by Architects Masten & Hurd, 233 Post St., San Francisco.

COMPLETING PLANS

SANTA BARBARA, Cal.—Architect Henry W. Howell, 157 Cheltenham Drive, Santa Barbara, is completing plans for an outdoor swimming pool to be constructed in the new west beach recreation area by the City of Santa Barbara, a PWA project. The city on Oct. 8 voted bonds in the sum of $39,000 for the project, total cost of which will exceed $100,000.

Bids Opened.

SWIMMING POOL Cost, $10,000
STOCKTON, San Joaquin Co., Calif.
College of the Pacific.
Swimming pool (75x35 ft.) underwater lighting system, heating system, chloronator, etc.
Owner—College of the Pacific.
Architect—H. G. Bissell, 327 E. Channel St., Stockton.
Engineer—G. W. Gulick, 100 Knoles Way, Stockon.

General Work

H. W. Johnson, 1229 W. Magnolia St., Stockton $4490
H. H. Henning, Stockton 4700
J. C. Meyers, Stockton 4820

Plumbing and Heating

Miller Hays Co., 742 E. Weber St., Stockton $2068
W. T. Gibson Co., Stockton 2536
Pahl-Harry, Stockton 2694

Mechanical Equipment

Scott Machinery Co., 960 Folsom St., San Francisco $2542
A. C. LoPresto & Co., S. F. 2624

Electrical Work

Eddy Elec. Co., 309 E. Weber St., Stockton ..... $ 654
Frank Electric Co., Stockton 949
Hild Elec. Co., Stockton 1132

Contracts will be awarded to low bidders shortly.

Sub-Contracts Awarded.

NURSERY Cont. Price, $9072
SAN FRANCISCO. 32nd Avenue near California Street.
One-story frame and stucco nursery 32x65 ft.) 2 rooms, kitchen, laboratory, gas floor furnace, etc.
Owner—Miss Burke's School Playfield. 229 22nd Ave., San Francisco.
Contractor—William Martin, 666 Mission St., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana Co., 976 Indiana St.
Plumbing—Scott Co., 243 Minna St.
Electric Wiring — Frank Goodman, 1466 33rd Avenue.
Sheet Metal — John Delucchi, 1526 Powell Street.
Tile Work—Scott Co., 243 Minna St.
Glass—W. P. Fuller & Co., 301 Mission St.
Iron Grille Work — Industrial Iron Works, 552 Noe St.
Brick—Emil Hogberg, 666 Mission St.
Plastering — John Shimmon, 26 Fairfield Way.
Wood Sash — Herring & Nutting, 750 Florida St.
Painting—R. P. Paoli, 3159 Fillmore.
Concrete—Mission Concrete Co., 270 Turk St.

BIDS WANTED

BRISBANE, San Mateo Co., Calif.—Until January 4, 7 P. M., bids will be received by Jack Wheeler, Clerk, Visitacion Elementary School District, Brisbane, for wrecking or moving a three-room house, fence and shed.

Further particulars may be obtained from the Clerk and from Thos. M. Edwards, architect, 9 Geary St., San Francisco.

BIDS OPENED

SAN FRANCISCO.—Hanson Brothers, 5840 Mission St., at $245 submitted low bid to the Department of Public Works for relocating two bungalows at the Aptos Junior High School, Upland Drive and Aptos Ave.

Complete bids follow:

Hanson Brothers $245.00
D. J. & T. Sullivan 287.00
Pearson & Johnson 298.00

Bids held under advisement.

20—MISC. SUPPLIES AND MATERIALS

CONTRACT AWARDED

LOS ANGELES, Cal.—Texas Creosoting Co. at $9,021 was awarded contract by the Los Angeles Water and Power Commission Dec. 17 for furnishing miscellaneous pressure creosoted poles under Spec. No. 1842

BIDS OPENED

LOS ANGELES, Cal.—bids for furnishing approximately 266,000 barrels of Portland cement in paper bags for use in county flood control projects, Circular Prop. No. 276, were opened by the U. S. Engineer Office, Los Angeles, Dec. 17. The bids were taken as follows:

(1) 63,630 bbls. delivered within the city limits of Glendale for Verdugo Wash and Sycamore Wash projects;

(2) 53,400 bbls. delivered within a radius of 2 miles from Tujunga for the Haines Canyon, Dunsmuir Canyon and Eagle Canyon projects;

(3) 24,425 bbls. delivered within a radius of 3 miles of La Crescenta for the Shields Canyon, Snover Canyon, Hay Canyon, Weber Canyon and Winery Canyon projects;

(4) 101,985 bbls. delivered within a radius of 4½ miles of the intersection of Charlotte Ave. and Rubio Wash in the City of Alhambra, for Rubio Wash Alhambra Wash, San Pasqual Wash, and Mill Creek projects;

(5) 22,550 bbls. delivered within a radius of 4 miles of the intersection of North Ave. and Eaton Wash, Pasadena, for the Eaton Wash project.

The bids were:

Monolith Portland Cement Co. Bid only on item (2) $1.96, amount, $104,664. Plant located at Monolith. No discount.

Riverside Cement Co., California Portland Cement Co. and the Southwestern Portland Cement Co., combined bid: Items (1) to (5) $1.98 per bbl. No discount. Will furnish 37½% of requirements from Colton, 37½% from Crestmore and 25% from Victorville.

The bids were taken under advisement by Lieut. C. R. Jones, Supply Officer.

BIDS OPENED

BOULDER CITY, Nev. — Following bids received by the Bureau of Reclamation, Denver, December 9, under Spec. No. 750-D, for furnishing (1) fabricated pipe and fittings and (2) special fabricated pipe pieces, for installation in the Boulder Power Plant, Boulder Canyon Project:

Grimes Pipe & Supply Co., Denver: (1) $5,892; (2) $1,693; total, $7,585.

Salt Lake Hardware Co., Salt Lake City: (1) $7,710; (2) $2,200; total $9,910.

Greene-Wolf Co., Inc., Brooklyn, N. Y.: (1) $8,800; (2) $2,200; total $11,000.

Grinnell Co. of the Pacific, Los Angeles: (1) $7,265; (2) $2,117; total, $9,480.

Associated Piping & Engr. Co., Ltd., Los Angeles: (1) $7,192; (2) $1,685; total, $8,877.

Power Piping Co., Pittsburgh, Pa.: (1) $6,655; (2) $1,795; total, $8,450.

Midwest Piping & Supply Co., Inc., St. Louis: (1) $5,892; (2) $1,693; total, $7,585.

Berkeley Steel Const. Co., Berkeley: (1) $15,270; (2) $1,700; total, $16,970.

Standard Sanitary Mfg. Co., Denver, (1) $5,892; (2) $1,693; total $7,585.

Crane-O'Fallon Co., Denver: (1) $6,270; (2) $1,290; total, $7,560.

John W. Beam, Denver: (1) $7,710; (2) $2,200; total, $9,910.

All bids fob Boulder City with a discount of 2%, except Berkeley Steel Const. Co., fob Berkeley, net.

BID CALL CANCELLED

BOULDER CITY, Nevada—A call for bids for furnishing bronze plaques and dadoes for the Boulder Dam, under Spec. No. 757-D, has been cancelled by the Bureau of Reclamation, Denver, Colorado. Bids were to have been opened January 9, 2 P. M.

CONTRACT AWARDED

LOS ANGELES, Cal.—Riverside Cement Co., California Portland Cement Co. and Southwestern Portland Cement Co. (bidding jointly) awarded the contract by the U. S. Engineer Office at $1.98 per barrel, for furnishing approximately 266,000 barrels of portland cement in paper bags for use in county flood control projects under Circ. Pro. No. 276.

CONTRACTS AWARDED

LOS ANGELES, Calif. — Contracts were awarded Dec. 19 by the U. S. Engineer Office for furnishing coarse aggregate and sand for the Los Angeles county flood control projects under Circular Proposal No. 258 as follows: To Blue Diamond Corp., Piru Rock Co. and Western Rock Products, bidding jointly, lot No. 1 at $83,308.80; lot No. 2 at $105,624.10; lot No. 3 at $52,881.55; to Commercial Rock Co., lot No. 4 at $148,818.30. The bids were opened Dec. 6.

Member Federal Deposit Insurance Corp.

LOANS
that help sell
HOMES

A home covered by an American Trust Company 10-year home loan is easier to sell, because:
(1) Down payment is not large.
(2) Interest is at low bank rate.
(3) Buyer can complete payment (with principal and interest) in 120 uniform monthly installments, like rent.

Ask at our nearest office.

AMERICAN TRUST COMPANY
Since 1854
Commercial Banking : Savings : Trust

MACHINERY & MATERIAL

Bid calls for construction machinery and materials and miscellaneous equipment and supplies purchased by Federal, State, Municipal and other public agencies.

RECLAMATION SERVICE

BOULDER CITY, Nevada — Until January 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colorado, under Spec. No. 757-D, for furnishing and delivering f.o.b. cars and/or Boulder City, bronze plaques and dadoes for the Boulder Dam, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1 not returnable.

BOULDER CITY, Nevada — Until January 9, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 756-D, for furnishing and delivering f.o.b. cars at the shipping point and/or Boulder City, miscellaneous fabricated pipe, fittings, and valves for installation in the Boulder Power Plant, Boulder Canyon Project. The materials will be installed by the Government.

Specifications obtainable from the above office without charge to prospective bona fide bidders; to others, $1.50 not returnable.

DENVER, Colo.—Until Jan. 13, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 758-D, for furnishing and delivering fob cars at the shipping point or fob cars at Phoenix, Ariz.; Austin, Texas; Ft. Sumner, N. M.; Friant, Cal. and Redding, Calif.; vertical hydraulic self-indicating 200,000 lbs. capacity, compression-type testing machines for field laboratory use.

All machines will be installed by the Government.

Specifications obtainable from above office without charge to prospective bona fide bidders; to others, $0.25, not returnable.

CALIFORNIA STATE

SAN BERNARDINO, Cal.—Until December 30, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation 24680, Req. 114, for furnishing:

(1) six 8-ft. pneumatic tired, leaning wheel graders, without scarifier attachment, set up and ready for use;
(2) six 8-ft. pneumatic-tired, leaning wheel graders, with scarifier attachment, set up and ready for use;
(1-alt.) 6 8-ft. pneumtic-tired, leaning wheel graders, without scarifier attachment, knocked down;
(2-alt.) 2 8-ft. pneumatic-tired leaning wheel graders, with scarifier attachment, knocked down.

To be delivered to the Division of Highways, Shop 8, fob San Bernardino. Specifications obtainable from the above office.

SAN LUIS OBISPO, Cal.—Until Dec. 30, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 25439, Req. No. 614, for furnishing one 7-ft. pneumatic tired leaning wheel grader.

Delivery to Division of Highways, Shop 5, fob San Luis Obispo.

Specifications obtainable from above office.

BAKERSFIELD, Calif. — Until Dec. 30, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 25442, Req. No. 1543, for furnishing one 8-foot pneumatic - tired, leaning wheel grader with scarifier.

Delivery to Division of Highways, Shop 6, fob Bakersfield.

Specifications obtainable from above office.

STOCKTON, Calif.—Until December 30, 10 A. M., bids will be received by the State Purchasing Agent, 319 State Capitol, Sacramento, under Quotation No. 25443, Req. No. 9275, for furnishing one 8-foot pneumatic - tired leaning-wheel grader with scarifier.

Delivery to Division of Highways, Shop 10, fob Stockton.

Specifications obtainable from above office.

EAST BAY UTILITY DIST.

OAKLAND, Cal.—Until January 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., John Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 710, for furnishing 472 round rods, 1⅛-in. diam., 26 ft. 5 in. long, etc., with 472 turnbuckles.

Specifications obtainable from the above office.

OAKLAND, Cal.—Until January 3, 5:30 P. M., new bids will be received by the East Bay Municipal Utility District, John Kimball, Secretary, 512 16th St., Oakland, under Proposal No. 711, for furnishing 140,000 ft. of rough Oregon Pine lumber f.o.b. Corporation Yard.

All bids received under Proposal No. 704, on December 11, were rejected.

Sizes of lumber to be furnished follow:

(1) 75,000 lin. ft. 2-in.x12-in.;
(2) 25,000 lin. ft. 4-in.x6-in.;
(3) 30,000 lin. ft. 1-in.x6-in.;
(4) 10,000 lin. ft. 1-in.x6-in. (SISIE).

Specifications obtainable from the above office.

WAR DEPARTMENT

BONNEVILLE DAM, Oregon.—Until January 10, 3 P. M., bids will be received by the U. S. Engineer Office, Second Portland District, 627 Pittock Block, Portland, under Bid No. 694-36-203, for furnishing pumps and compressors for use at Bonneville Dam.

Bids will be taken as follows:

ALTERNATE "A"

Delivery fob railroad cars at bidder's shipping points, transportation costs to be borne by the Government and shipment made under Government bills of lading:

(1) 2 5,000-gpm side suction pumps mounted on cast iron bases, with electric motors;
(2) 2 200-gpm do;
(3) 1 50-gpm vertical sump pump, with electric motor;
(4) 2 1,000-gpm horizontal split-case mounted on cast iron bases, with electric motors;
(5) 2 500-gpm 2-stage horizontal split case pumps mounted on cast iron bases, with electric motors;
(6) 2 150-gpm side - suction sewage pumps mounted on cast iron bases, with electric motors;
(7) 1 150-gpm transformer and oil-circuit-breaker oil transfer pump mounted on cast iron base, with electric motor;
(8) 2 50-gpm transformer & oil circuit breaker oil booster pumps mounted on cast iron bases with electric motors;
(9) 3 50-gpm governor and lubricating oil transfer pumps mounted on cast iron bases, with electric motors;
(10) lump sum, two 675 c.f./min. at 100 lbs./sq. in. two-stage air compressors, with electric drive and two receivers;
(11) lump sum, one 40-c.f./min. at 350 lbs./sq. in. two-stage air compressor, with electric motor and one receiver.

ALTERNATE "B"

Delivery fob railroad cars at Bonneville, Oregon, transportation costs to be borne by the contractor. Items the same as under Alternate "A".

Specifications obtainable from above office.

IMPERIAL COUNTY

CALEXICO, Imperial Co., Cal.—Until December 30, 7:30 P. M., bids will be received by the Calexico city council for furnishing a 75-hp. dual drive booster pump, consisting of an electric motor, centrifugal pump, and gasoline engine all mounted on one bed plate, and for furnishing a gasoline engine for standby use on an existing 75-hp. booster pump, in accordance with specifications on file at the office of the city engineer, T. R. Eyl. Certified check or surety bond, 5 percent. R. S. Emerson, city clerk. The equipment will cost between $5000 and $6,000.

SAN FRANCISCO CITY

SAN FRANCISCO—Until January 3, 2 P. M., bids will be received by T. A. Brooks, Purchaser of Supplies, Room 270 City Hall, under Sale No. 137, for the sale of the following:

LOT No. 1—Concrete aggregates now stored on Corral Hollow property of H. H. W. S. near Livermore, consisting of (1) 2435 cu. yds. sand; (2) 13,802 cu. yds. pea gravel, ¼-in. - ¾-in.; (3) 23,401 cu. yds. gravel or rock, ¾-in. - 1½-in.

LOT No. 2—84 cast iron steam radiators, 2, 3 and 4 coil, to be removed from M. H. deYoung Memorial Museum in Golden Gate Park.

LOT No. 3—Cast iron, steel and brass scrap, located at the Water Department Yard, 639 Bryant St., consisting of (1) 15 tons cast iron (2) 3 tons steel; (3) 500 lbs. scrap.

Specifications obtainable from the above office.

TULARE COUNTY

PORTERVILLE, Tulare Co., Cal.—Until December 30, 7 P. M., bids will be received by the Porterville City Council, W. R. Means, City Clerk, 309 Putnam Avenue, for leasing a motor sweeper on a semi-annual or yearly rental basis.

Specifications obtainable from above office.

ENGINEERING NEWS

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

21.—Bridges
22.—Dredging, Harbor Works, Excavs.
23.—Irrigation Proj.
24.—St. Light. Systems
25.—Machinery and Equipment
26.—Railroads
27.—Fire Alarm Sys.
28.—Fire Equipment
29.—Streets & Highways
30.—Reservoirs and Dams
31.—Pipe Lines and Wells
32.—Sewers & Sewage Disposal Plants
33.—Water Works
34.—Parks & Playgrounds
35.—Tunnels

21— BRIDGES

NOTICE TO BIDDERS

LEWIS COUNTY, Wash.—The Bureau of Public Roads contemplates the advertisement for bids for improvements on the Randle-Yakima Highway (West Side) in Lewis County. The contract will include the construction of 125 l.f. of untreated timber half viaduct trestle and 100 l.f. of reinforced concrete half viaduct trestle with masonry rail, near Station 1467; the construction of 435 l.f. of reinforced concrete half viaduct trestle with masonry rail near Station 1475, and the construction of 175 l.f. of treated timber trestle, 24 ft. roadway, with some approach grading, near Station 1493. The project will be designated 13-Q1,S and $50,000 is available.

Preparation of certain phases of the special provisions may delay this advertisement until too late to view the project in the field. In order that interested contractors may be in a position to submit bids, they are advised to examine the project at this time. Information regarding plans, etc., may be obtained at the Bureau of Public Roads, 316 New Postoffice Bldg., Portland. The project is located approximately 11 miles easterly from Packwood, Wash. C. G. Polk, resident engineer, may be contacted at Ohanapecosh Hot Springs in Mt. Rainier National Park. Ohanapecosh Hot Springs is located about 13 miles above Packwood on the East Side Highway in Mt. Rainier National Park. W. H. Lynch, district engineer.

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Shofner & Gordon, 1831 N Main St., Los Angeles, at $106,024 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway Company in Los Angeles County at Firestone Blvd., Los Angeles.

CONTRACT AWARDED

SACRAMENTO CO., Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at $36,026.25 awarded contract by the State Highway Commission, Sacramento, for widening the existing undergrade crossing at 16th St., Sacramento.

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Calif.—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland, at $223,255.71 was awarded contract by the State Highway Commission, Sacramento, for the construction of an overhead crossing over the tracks of the Southern Pacific Railroad one-half mile east of Tracy, consisting of one 81-ft. and two 48-ft. plate girder spans, two 52-ft. steel beam spans, and twenty-nine 40-ft. reinforced concrete girder spans on concrete bents and abutments with wing walls on timber pile foundation, and grading and paving with Portland cement concrete pavement approximately 0.3 mile.

CONTRACT AWARDED

SANTA CLARA COUNTY, Calif.—Eaton & Smith, 715 Ocean Ave., San Francisco, at $132,205.76 awarded a contract by the State Highway Commission, Sacramento, for construction of an undergrade crossing under the tracks of the Southern Pacific Railroad at Embarcadero Road in Palo Alto, consisting of two concrete abutments and steel superstructure, and grading and paving with Portland cement concrete about 0.21 mile.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Bodenhamer Const. Co., Box 67, Oakland, at $149,371.30 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Western Pacific Railroad at Washington Ave. near San Leandro, consisting of two reinforced concrete abutments with steel superstructure and approximately 0.26 mile grading and paving with Portland cement concrete.

CONTRACT AWARDED

ALAMEDA COUNTY, Calif.—Lindgren & Swinerton, Inc., 1723 Webster St., Oakland, at $103,386.50 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Sacramento Northern Railway at Broadway Terrace, Oakland, consisting of two concrete abutments, one concrete center pier, and steel superstructure; approximately 0.34 mile of roadway to be graded and surfaced with plant-mixed surfacing.

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Peninsula Paving Co., 9 Main Street, San Francisco, at $87,161 awarded contract by the State Highway Commission at Sacramento for the construction of an undergrade crossing under the tracks of the Western Pacific Railroad Co. at Jackson St., Hayward, coonsisting of two reinforced concrete abutments with steel superstructure and approximately 0.15 mile grading and paving with Portland cement concrete pavement.

CAPITAL CITY TITLE COMPANY

J. C. PALEN,
Manager

914 Seventh Street
Sacramento :: California

CONTRACT AWARDED

SAN FRANCISCO.—M. B. McGowan, Inc., 74 New Montgomery St., at $38,969 awarded contract by the State Highway Commission, Sacramento, for the widening of an undergrade crossing under the tracks of the Southern Pacific Railroad at Army Street, San Francisco.

CONTRACT AWARDED

SAN FRANCISCO.—F. C. Amoroso & Sons, NE Corner Keith and Wallace Ave., at $28,940 awarded contract by the State Highway Commission, Sacramento, for the widening of an overhead crossing over the tracks of the Southern Pacific Railroad at Williams St., San Francisco, consistiog of one 42-ft. and one 43-ft. 7-in. steel I-beam spans on steel bents and concrete abutments with wing walls on spread footings.

BIDS OPENED

LOS ANGELES, Cal.—Bids for furnishing one steel deck girder bridge under Spec. No. 138 were opened by the Metropolitan Water District, Dec. 17. The bids were:

Western Pipe & Steel Co., fob Los Angeles, $1675.

Modern Iron Works, fob Freda siphon, $1898.78 plus $56.96 state sales tax, $1955.74 total.

Pacific Coast Steel Corp., fob Los Angeles, $2081.

Consolidated Steel Corp., fob Freda siphon, $2140.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $54,142 awarded contract by the State Highway Commission at Sacramento, for the construction of an overhead crossing over the tracks of the A. T. & S. F. Ry. eight miles west of Needles, consisting of one 55-ft., two 53-ft. 6-in., and two 17-ft. 6-in. spans on concrete piers, and a bridge across a drainage channel consisting of four 19-ft. timber spans on timber pile foundations, and approximately 0.57 mile grading and surfacing with road-mix surfacing.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal.—George Herz & Co., 311 Platt Bldg., San Bernardino, at $60,808.30 awarded contract by the State Highway Commission, Sacramento, for constructing an undergrade crossing under tarcks of the A. T. & S. F. Ry. near Verdemont, consisting of two concrete abutments with steel and concrete superstructure and grading and surfacing approximately 0.57 mile of highway with plant-mixed surfacing (slow curing type).

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Cal.—Biasotti-Willard & Biasotti, 40 W. Clay St., Stockton and Rocca & Co., Box 444, San Rafael, jointly, at $267,421.15 awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the S. P. Railroad and the Western Pacific Railroad at Charter Way in the City of Stockton, consisting of reinforced concrete abutments with steel superstructure; and approximately 0.29 miles of roadway to be graded and paved with Portland cement concrete pavement and asphalt concrete pavement.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—F. O. Bohnett, Campbell, at $249,108.05 was awarded contract by the State Highway Commission, Sacramento, for the construction of an undergrade crossing under the tracks of the Southern Pacific Company at Salinas.

CONTRACT AWARDED

MONTEREY COUNTY, Cal.—Paul J. Tyler, P. O. Box 206, Oroville, and Lord & Bishop, Native Sons Building, Sacramento, at $155,187.40 awarded a contract by the State Highway Commission, Sacramento, for construction of an undergrade crossing under the tracks of the S. P. Railway at Soledad, consisting of two reinforced concrete abutments with steel superstructure; and grading and paving roadway with Portland cement concrete pavement and road-mix surfacing.

CONTRACT AWARDED

ORANGE COUNTY, Calif. — Mundo Engineering Co., 2305 E 9th St., Los Angeles, at $104,729 awarded contract by the State Highway Commission at Sacramento for the construction of an undergrade crossing under the tracks of the A. T. & S. F. Ry. in Orange County at Northam, near Buena Park, consisting of two concrete abutments with wing walls and steel plate girder superstructure; the side of the cut to be slope paved, and approximately 0.86 mile roadway to be graded and paved with Portland cement concrete pavement.

BIDS OPENED

STATE OF WASHINGTON. — Bids for construction of bridges were opened and low bids held under advisement by L. V. Murrow, Director of Highways, Olympia, December 17, as follows:

Grant County:

Constructing a steel girder undercrossing of the Great Northern Railway Company tracks on State Road No. 7. Undercrossing Great Northern Railway Co., Three Miles West of Ephrata, involving about 31,970 cubic yards of excavation, 11,500 cubic yards of selected roadway borrow, 2,930 cubic yards of crushed stone surfacing, 297 cubic yards of concrete, 221,000 pounds of structural steel, 640 only track ties, 263 linear feet of pipe culverts and other items.

Low Bidder: David Nygren, Lloyd Bldg., Seattle, $56,983.

King County:

Constructing a steel girder overcrossing on city street, West Dravus Street Overcrossing in City of Seattle, involving about 21,200 cubic yards of excavation, 1,835 cubic yards of concrete, 28 M. B. M. timber and lumber treated, 174,000 pounds of steel, reinforcing bars, 520,000 pounds of silicon steel, 83,000 pounds of carbon steel, 17,500 pounds of cast steel and other items.

Low Bidder: David Nygren, Lloyd Bldg., Seattle, $99,442.

CONTRACT AWARDED

SKAMANIA COUNTY, Wash.—Puget Sound Bridge & Dredging Co., 2929 16th S.W., Seattle, at $92,823 submitted low bid and awarded contract by L. V. Murrow, Director of Highways, Olympia, December 17, for constructing a 280 - foot steel span with a reinforced concrete approach on the west end and pile and timber approach on the east end, on State Road No. 8, Cook East, Little White Salmon River Bridge, involving about 2,600 cubic yards of excavation, 1,520 cubic yards of concrete, 396,000 pounds of carbon structural steel, 159,000 pounds of silicon structural steel, 25 M. B. M. of treated timber and lumber, 7,140 linear feet of untreated piling, 2,000 linear feet of treated piling and other items.

BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until January 6, 8 P. M., bids will be received by the South San Francisco City Council, Daniel McSweeney, City Clerk, for furnishing and driving 41 30-ft. untreated, Douglas Fir piles, and making cut-offs for the bridge to be constructed on Linden Avenue, between Railroad Ave. and the Bayshore line of the Southern Pacific Co., a WPA project.

Plans and specifications obtainable from City Engineer George A. Kneese, 2382 Broadway, Redwood City.

HEARING SET

CORONADO, San Diego Co., Calif.—The application of the City of Coronado under date of December 16, 1935, for approval of plans for construction of a suspension bridge across San Diego Bay from the City of Coronado to the City of San Diego, will be considered at a public hearing on the subject to be held by the U. S. Engineer in the Auditorium of the Chamber of Commerce, Columbia Str. and Broadway, San Diego, at 10 A. M., Jan. 17, 1936. The bridge with total length of 6527 feet will have a suspension portion of three spans for 1904 feet between pierhead lines, the central span with clear width of 963 feet, the two side spans each with clear width of 963 feet, the two side spans each with clear width of 387 feet. The vertical clearances above mean lower low water will be for the central span 143 feet at the center and 132 feet near the piers, and for the side spans 123 feet at the channelward pier and 110 feet at the landward pier. There will be trestle approaches 2848 feet and 1775 feet at the northerly and southerly ends, respectively.

The plans accompanying the application may be seen at the office of the U. S. Engineer, 751 S. Figueroa St., Los Angeles. Theodore Wyman, Jr., Major, Corps of Engineers, District Engineer.

WORK POSTPONED

BAKERSFIELD, Kern Co., Calif.—The Bakersfield City Council postponed construction of the bridge at 24th St. and Kern Island Canal, because contractors could not guarantee completion before January 1. Low bid was submitted by Rexroth & Rexroth, 2110 Station A, Bakersfield, at $3,722.70, on December 16.

The work will be readvertised, probably in January.

TO ASK BIDS SHORTLY

LOS ANGELES, Cal.—Merrill Butler Assistant City Engineer, has announced that the board of public works will call for bids probably early in January for the construction of the Macy St. subway in connection with the general program for the improvement of streets to serve the new Union Depot east of the Plaza, a PWA project. This will be the first major unit of the city's program at the Union Terminal site. The subway will be 505 feet in length, with a 56-ft. roadway and 6-ft. walk on each side. Estimated cost $368,000. Plans have been approved by the Municipal Art Commission.

CONTRACT AWARDED

KERN COUNTY, Calif.—Griffith Co. 502 L. A. Railway Bldg., Los Angeles, at $295,511 awarded contract by State Highway Commission at Sacramento, for the construction of a grade separation under the tracks of the Southern Pacific Co., consisting of two reinforced concrete abutments and a steel girder structure for carrying the tracks of the railroad, together with incidental structures; the construction of a reinforced concrete bridge across Poso Creek; grading and paving approximately 2.2 miles of State Highway and construction of incidental structures at Famosa.

CONTRACTS AWARDED

STATE OF WASHINGTON—Contracts for bridge construction, for which bids were opened on various dates, as shown below, have been awarded by L. V. Murrow, Director of Highways, Olympia, as follows:

Bids opened December 17:

Grant County:

Constructing a steel girder undercrossing of the Great Northern Railway Company tracks on State Road No. 7. Undercrossing Great Northern Railway Co., Three Miles West of Epharta.

Awarded David Nygren, Lloyd Bldg., Seattle, $56,983.

King County:

Constructing a steel girder overcrossing on city street, West Dravus Street Overcrossing in City of Seattle.

Awarded David Nygren, Lloyd Bldg. Seattle, $99,442.

Bids opened December 2:

Pend Oreille County:

Grading and surfacing with crushed stone on about 5.1 miles of State Road No. 6, Dalkena to Cusick.

Awarded N. A. Degerstrom, East 15 32nd St., Spokane, $109,904.

Grant County:

Surfacing with crushed stone and constructing a bituminous surface treatment on about 21.4 miles of county road, Soap Lake to Coulee City.

Awarded, F. R. Hewett, 420 West 22nd St., Spokane, $110,536.

Pierce County:

Constructing a steel girder undercrossing of the N. P. Ry. Co. tracks on SR No. 1, Olympia to Nisqually, Undercrossing N. P. Ry. Co., Point Defiance Line, involving about 15,990 cubic yards of excavation, 1860 cubic yards of concrete, 122,100 pounds of steel reinforced bars, 594,000 pounds of structural steel, 4415 lin. ft. of treated piling, 4000 lin. ft. of untreated piling, 66 M.B.M. untreated timber and lumber and other items.

Awarded Malcom & Bell, Sherlock Bldg., Portland, $97,308.

22—DREDGING, HARBOR WORKS, EXCAVATION

BIDS WANTED

SEAL BEACH, Orange Co., Calif.—Until Jan. 2, 7:30 P. M., bids will be received by the Seal Beach city council for the construction of the Anaheim landing jetty. The proposed rock jetty will be 1400 ft. in length and cost approximately $52,000. Victor Hayes, 302 E. Anaheim Street, Long Beach, engineer. This is a PWA project.

PLANS BEING PREPARED

LOS ANGELES, Cal.—Los Angeles harbor department officials announce that the PWA has approved an outright grant of $508,907 to be used together with harbor funds, amounting to approximately $620,000, to finance the following five harbor improvement projects: Belt line track extension in the Wilmington district, $262,145; dismantle and relocate transit shed at Berth 155, $50,972; marine passenger and general cargo terminal, Pier A St., $329,500; dredging main channel, west basin, $285,510; cargo terminal, Berth 147, $203,883. Plans for these five projects, totaling about $1,132,520 in cost, are in progress and it is estimated that they will be ready for bids in about five weeks. It was also stated that the WPA has granted $491,487 to be used to finance additonal im-

provements at the city airport on Terminal Island, the work already done to represent the city's share of the project. The harbor department has requested an additional $2,177,908 of the PWA to finance the First Street marine, passenger and cargo terminal, estimated to cost $1,541,454; a similar improvement at 7th St. to cost $1,651,000 and ferry facilities on the main channel to cost $485,454. The difference between the total cost of these three projects, $3,677,908, and the P W A grant would be paid by the department out of revenues to be derived from the projects.

BONDS DEFEATED

SANTA ANA, Cal.—The $6,620,000 Orange County Flood Control bond issue was defeated December 19. The bond issue was necessary to take advantage of a federal grant of $6,570,000 to finance a $13,000,000 program in Orange County

23—IRRIGATION PROJ.

CONTRACT AWARDED

ALL-AMERICAN CANAL, Arizona-California.—Frazier-Davis Const. Co., 1319 Macklind Ave., St. Louis, at $489-527.50 awarded contract by the Bureau of Reclamation, R. B. Williams, Construction Engineer, Yuma, under Spec. No. 645, for construction of the Wash Siphon Structures at 120 Wash, 424, Wash, Unnamed Wash, and Picacho Wash, All-American Canal System, Boulder Canyon Project.

CONTRACT AWARDED

NOGALES, Arizona—T. A. Allen Constr. Co., 500 Central Bldg., Los Angeles, at $75,634.40 awarded contract by the International Boundary Commission, 627 First National Bank Bldg., El Paso, Texas, for the construction of the main channel and stilling basin, Unit No. 3, Nogales Flood Control Project, NFC-459.

BIDS WANTED

TURLOCK, Stanislaus Co., Cal. — Until January 6, 2:30 P. M., bids will be received by the Directors of the Turlock Irrigation District, for concrete lining in the Hudelson Ditch, in the Glendora Colony west of Turlock.

Specifications obtainable from the above office.

LOW BIDDER

OREGON RIVER PROJECT, Utah. —J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $317,125 on Schedule 1, and at $107,853 on Schedule 2, submitted low bids to the Bureau of Reclamation, Ogden, under Spec. No. 659, for the construction of earthwork, canal lining and structures, Ogden-Brigham Canal, Station 587 to Station 1260, and South Ogden Highline Canal, Station 10 to Station 335, Ogden River Project, Utah.

COMPLETE BID LISTING

OGDEN RIVER PROJECT, Utah.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Ida., at $317,125 on Sched. 1, $107,853.25 on Sched. 2, as previously reported, submitted low bid to the Bureau of Reclamation, Ogden, Dec. 20 under Spec. No. 659, for the construction of earthwork, canal lining and structures, Ogden-Brigham Canal, Station 587 to Station 1260, and South Ogden Highline Canal, Station 10 to Station 335, Ogden River Proj., Utah.

Bids were taken as follows:

Schedule 1—Earthwork, canal lining and structures, Ogden-Brigham Canal, Station 586-98 to Station 1260-41.95.

Schedule 2—Earthwork, canal lining and structures, South Ogden Highline Canal, Station 10-00 to Station 334-65.98.

Complete bids follow:

J. A. Terteling & Sons, Boise: (1) $317,125; (2) $107,853.25; total, $424,978.25. Stipulations, all or none.

Utah Const. Co., Ogden, and Morrison - Knudsen Co., Inc., Boise: (1) $334,111.75; (2) no bid.

Barnard - Curtiss Co., Minneapolis: (1) no bid; (2) $113,699.50.

J. S. Maguire Const. Co., Butte: (1) $451,053.50; (2) $144,139; total, $595,192.50. Stipulations: bid is based on award of both schedules; will not accept one schedule only.

Bids held under advisement.

25—MACHINERY AND EQUIPMENT

CONTRACT AWARDED

ALAMEDA, Alameda Co., Cal.—G. P. Peterson, East 12th and Fifth Ave., Oakland, at $3,520 net, awarded contract by Alameda High School Board of Education for furnishing a new school coach (55-65 passenger capacity with jump seats) consisting of White chassis and a Gillig body.

December 23, 1935

CONTRACT AWARDED

LOS ANGELES, Cal.—Brown-Bevis Equipment Co., 4900 Santa Fe Ave., Los Angeles, at $98,730 awarded contract by the Metropolitan Water District of Southern California for furnishing two No. 200 Rex concrete charging, mixing and placing machines fob Milwaukee, Wis., for use in the San Jacinto tunnel.

26— RAILROADS

CONTRACT AWARDED

ALAMEDA COUNTY, Cal.—Heafey-Moore Co., 344 High St., Oakland, at $41,238.45 awarded contract by State Highway Commission, Sacramento, for portions of about 0.7 mile to be graded and paved with asphalt concrete, existing railroad tracks to be removed and new tracks to be installed on adjacent private right-of-way in Alameda County, on East 12th St., Oakland, between 20th and 29th Avenues.

28 — FIRE EQUIPMENT

BONDS VOTED

ORLAND, Glenn Co., Cal.—A bond issue to finance purchase of a new fire truck was approved at a special election December 17.

BIDS WANTED

SUISUN, Solano Co., Cal. — Until December 31, 1:30 P. M., bids will be received by the Board of Commissioners of Suisun County Fire Protection District, W. T. Gregory, Secretary, Court House, Fairfield, for furnishing a No. 2 Rural Fire Fighting Motor Truck, with water tank, pump, hose and all other full equipment, complete.

Specifications obtainable from the above office.

29—STREETS AND HIGHWAYS

NOTICE TO BIDDERS

SAN JOAQUIN COUNTY, Calif.—C. H. Purcell, State Highway Engineer, has announced the cost of blue line prints for the State Highway work now advertised.

A blue line print of the title sheet of the plans showing the general location of the work will be furnished free with the special provisions. Blue prints of the layout and the bridge detail sheet will be furnished at cost and become the property of the purchaser.

The following table shows the cost of such blue prints for the work now advertised, bids to be opened in Sacramento on Jan. 8, 1936:

X-S.J-53-C, Potato Slough: PLANS, (No. Sheets) 21; (Cost) $2.10; CROSS-SECTIONS: (No. of Sheets) 17; (Cost) $1.70; Total, $3.80.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the requests for the above plans, specifications and proposal form to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

LOW BIDDER

MENDOCINO COUNTY, Cal.—Smith Bros. Co., 1636 F St., Eureka, at $1723 submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the construction of a standard timber cattle pass in Mendocino County, between Hopland and Ukiah, at Station 72.

CONTRACT AWARDED

SANTA CRUZ COUNTY, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $55,835.75 awarded contract by the State Highway Commission, Sacramento, for about 0.5 mile of grading, surfacing with bituminous macadam on crusher run base, and constructing two bridges in Santa Cruz County, through the town of Ben Lomond.

BIDS OPENED

SONORA, Tuolumne Co., Cal.—N. M. Ball Sons Co., P. O. Box 404, Berkeley, at $12,572 submitted the only bid received by the Sonora City Council for paving streets in the city.

The work involves:

(1) 300 c.y. excavation;
(2) 100,000 sq. ft. shaping and preparing streets;
(3) installing 120 l.f. 12-in. corrugated culvert pipe;
(4) 3 c.y. concrete in end walls;
(5) 5,800 tons oiled rock surfacing.

NOTE: Items 3 and 5 will be furnished by the City of Sonora. Item 3 will be furnished fob Sonora railroad depot, and Item 5 fob Hales & Symons bunkers near the railroad depot.

The total bids were:

(A) N. M. Ball Sons Co., Berkeley, $12,572.00.

(B) Engineer's estimate, $10,700.00.

Unit bids follow

	(A)	(B)
(1)	$ 1.00	$ 1.00
(2)	.01	.015
(3)	1.10	.50
(4)	40.00	20.00
(5)	1.90	1.50

Bids held under advisement.

Robert Thom, City Engineer. The PWA has allotted a grant of 45% of the total estimated cost.

BIDS OPENED

STATE OF WASHINGTON. — Bids were opened and held under advisement by L. V. Murrow, Director of Highways, Olympia, December 17, for highway construction as follows:

Asotin County:

Grading and surfacing with crushed stone about 0.9 miles of State Road No. 3, Clarkston West. Section 1, involving about 41,030 cubic yards of excavation, 6110 cubic yards of selected roadway borrow, 1,420 cubic yards of crushed stone, 228 linear feet of pipe culverts and other items.

Low Bidder: G. D. Lyon and Co., Hutton Bldg., Spokane, $33,910.

Jefferson County:

Grading and surfacing with crushed stone about 1.0 miles of county road, Quilcene Vicinity, involving about 3 acres of clearing, 16,320 cubic yards of excavation, 2,600 cubic yards of crushed stone surfacing, 9 M. B. M. timber and lumber treated, 171 linear feet of pipe culverts and other items.

Low Bidder—Allen & Govan, Olympia, $9,693.

Franklin County:

Grading and surfacing with crushed stone on about 2.7 miles of County Road, Mesa to Kahlotus, involving about 21,740 cubic yards of excavation, 3,800 cubic yards of crushed stone, 448 linear feet of pipe culverts and other items.

Low Bidder: C. E. Oneal Co., Inc., Stevenson, $8,179.

Bids on the following projects were rejected:

Pacific County:

Constructing Bituminous Macadam Class "D" Penetration type on about 0.3 miles of State Road No. 13, City of Raymond, involving about 1130 cubic yards of crushed stone surfacing and mineral aggregates (oil rock), 29 tons bituminous cement and other items.

A. Milne, Portland, at $5,655 submitted low bid.

Cowlitz County:

Constructing a bituminous surface and treated timber bridge on about 0.6 miles of city streets, City of Longview, Sec. 1, Sacajewea Lake Bridge, and Sec. 2, Washington Way, 32nd Ave. to West City Limits, involving about 870 cubic yards of crushed stone surfacing, and mineral aggregates, 58 tons of bituminous cement, 65 M. B. M. timber and lumber, treated, 3 M. B. M. timber and lumber, untreated and other items.

H. P. Dorsey, Bellingham, at $18,-478 submitted the only bid received.

COMPLETE BID LISTING

LOS ANGELES COUNTY, Cal.—Guy F. Atkinson Co., 658 Russ Bldg., San Francisco, at $355,762, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for about 2.2 miles grading and constructing steel stringer bridge in Los Angeles County, in San Gabriel Canyon between Camp Bonita and Follows Camp.

The work involves:

(1) 117 stations clearing and grubbing right of way;
(2) 171,500 c.y. rdwy. excav., unclass.
(3) 3,500 c.y. struc. excav.;
(4) 475,000 sta. yds. overhaul;
(5) 117 sta. finishing rdwy.;
(6) 71,000 lbs. bar reinf. steel;
(7) 390 c.y. Class A Portland cement concrete (box culverts);
(8) 75 c.y. rubble masonry;
(9) 200 l.f. 8-in. CMP;
(10) 240 l.f. 24-in. CMP;
(11) 240 l.f. 30-in. CMP;
(12) 220 l.f. 36-in. CMP;
(13) 100 l.f. 42-in. CMP;
(14) 9 each spillway assemblies;
(15) 240 c.y. Class A Portland cement concrete (bridge);
(16) 1,040 c.y. Class B do;
(17) 107,000 lbs. structural steel;
(18) 240 l.f. timber hand rail.

Total bids follow:

(A) Guy F. Atkinson Co., San Francisco, $355,762.00.
(B) Granfield - Farrar & Carlin, San Francisco, $368,394.00.
(C) Basich Bros., Torrance, $399,224.20
(D) Oswald Bros., Los Angeles, $442,-219.50.

	(A)	(B)	(C)	(D)
(1)	$ 70.00	$550.00	$250.00	$ 86.00
(2)	1.71	1.25	1.75	2.15
(3)	2.00	2.50	4.00	2.30
(4)	.005	.02	.015	.005
(5)	40.00	20.00	17.60	5.00
(6)	.042	.05	.06	.055
(7)	20.00	22.00	15.00	22.00
(8)	14.00	15.00	25.00	15.50
(9)	1.00	1.10	1.50	1.25
(10)	2.50	2.55	3.00	2.85
(11)	3.50	3.30	5.00	3.55
(12)	4.50	4.75	6.50	5.35
(13)	6.00	6.00	7.00	6.50
(14)	20.00	15.00	25.00	18.00
(15)	20.00	30.00	20.00	22.00
(16)	12.00	28.50	15.00	20.00
(17)	.07	.14	.085	.08
(18)	1.00	2.50	2.00	1.50

CONTRACT AWARDED

OAKLAND, Cal.—Ransome Co., 4030 Hollis St., Emeryville, at $16,320.12 awarded contract by the Oakland City Council, for the improvement and widening of Telegraph Ave., between 40th and 51st Streets.

CONTRACT AWARDED

OAKLAND, Cal.—Henfey-Moore Co., 344 High St., Oakland, at $8979.21 awarded contract by the Oakland City Council for the improvement of Twenty-second Street, between Cypress and Adeline Streets.

LOW BIDDER

LAKE COUNTY, Cal.—Smith Bros. Co., 1636 B St., Eureka, at $2713.55 submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for construction of two standard timber cattle passes in Lake County, between Upper Lake and Sweet Hollow Summit.

BIDS WANTED

NAVAJO COUNTY, Arizona.—Until January 3, 2 P. M., bids will be received by the Arizona State Highway Commission, Phoenix, for highway construction on Holbrook - St. Johns Highway, WPH 42; AFE 262. The work, which is to begin about 6 miles southeast of Holbrook and extend easterly approximately 9.6 miles, consists of grading, draining and surfacing with select material and is to be completed on or before Sept. 30, 1936. The principal items are:

15,800 c.y. rdwy. excav.;
4,900 c.y. drainage excav.;
750 c.y. struc. excav.;
32,700 sta. yds. overhaul;
134,500 c.y. imported borrow;
67,900 c.y. mi. imported borrow;
44,400 c.y. select material, CIP;
470 c.y. Class A concrete;
41,400 lbs. reinf. steel;
988 l.f. CMP (3 sizes);
11,000 l.f. grader ditches;
450 M. gals. sprinkling;
400 hours rolling;
1,000 sq. yds. salvaging and relaying old oil mix and ABC.

Plans may be obtained from the office of T. S. O'Connell, State Highway Engineer. Certified or cashier's check for 5%. Funds in the sum of $135,-000 have been programmed for the construction of this project.

CONTRACT AWARDED

MODOC COUNTY, Cal.—C. F. Fredericksen & Sons, Lower Lake, at $79,-235.40 awarded contract by the State Highway Commission, Sacramento, for about 11.8 miles grading and applying penetration oil treatment in Modoc County, between 2½ miles west of Cedarville and the Nevada State Line.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Dimmitt & Taylor, 815 E 59th St., Los Angeles, at $62,278.60 awarded a contract by the State Highway Commission, Sacramento, for about 2.7 miles grading and treating with liquid asphalt and constructing a timber pile trestle in San Bernardino County between the Los Angeles county line and Pipe Line Avenue.

CONTRACT AWARDED

LOS ANGELES COUNTY, Cal.—R. E. Campbell, 711 Central Bldg., Los Angeles, at $61,182 awarded contract by the State Highway Commission at Sacramento, for about 2.5 miles of grading and constructing a timber bridge in Los Angeles county, on Somerset Avenue between Spring Street and Hathaway Avenue.

CONTRACT AWARDED

VENTURA COUNTY, Cal.—Oswald Bros., 366 E. 58th St., Los Angeles, at $51,208.90 awarded contract by the State Highway Commission, Sacramento, for about 5.9 miles grading and surfacing with plant-mixed surfacing in Ventura County, between Somis and Saticoy.

COMPLETE BID LISTING

LAKE COUNTY, Cal.—Smith Bros. Co., 1636 B St., Eureka, at $2,713.55, as previously reported, submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for construction of two standard timber cattle passes in Lake County between Upper Lake and Sweet Hollow Summit.

The work involves:

(1) 425 c.y. structure excavation;
(2) 16.5 MBM redwood timber, select all-heart;
(3) 12 MBM redwood timber, dense, select, all-heart.

Total bids were:

(A) Smith Bros. Co., Eureka, $2713.55.
(B) Alfred T. Howe, Santa Rosa, $4,-745.00.

Unit bids follow:

	(A)	(B)
(1)	$ .40	$ 2.50
(2)	88.70	125.00
(3)	90.00	135.00

Bids held under advisement.

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until January 7, 2 P. M., bids will be received by the Division of Highways, J. W. Vickrey, District Engineer, 546 W. Wabash Ave., Eureka, for about 0.2 mile widening existing highway and surfacing with river run gravel, placing corrugated metal culverts and drop inlets, in Mendocino County, near Lane's Redwood Flat.

Plans and specifications obtainable from the above office. *

CONTRACT AWARDED

OAKLAND, Alameda Co., Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $49,112.15 awarded contract by the Oakland City Council for the improvement of Eighth Street between Fallon and Cypress Streets.

CONTRACT AWARDED

OAKLAND, Cal.—Lee J. Immel, 1031 Evelyn St., Berkeley, at $31,440.94 was awarded contract by the Oakland City Council for the improvement of Grove Street between First and San Pablo Avenue.

CONTRACTS AWARDED

STATE OF WASHINGTON — Contracts for highway construction, for which bids were opened on the dates shown, have been awarded by A. V. Murrow, Director of Highways, Olympia, as follows:

Bids opened December 20:

Grays Harbor County: 2. Grading and surfacing with crushed stone about 4.7 miles of State Road No. 9, Malone to Elma, involving about 8 acres of clearing, 86,510 cubic yards of excavation, 7,710 cubic yards of selected roadway borrow, 12,260 cubic yards of crushed stone surfacing, 31 cubic yards of concrete, 2,020 linear feet of pipe culverts and other items.

Awarded R. O. Dail and Warren Bros., Aberdeen, $55,870.

Clallam County: 3. Grading, draining and surfacing with crushed stone about 5.6 miles of State Road No. 9, Sequim to Elyn, involving about 36 acres of clearing, 165,220 cubic yards of excavation, 18,260 cubic yards of crushed stone, 99 cubic yards of concrete, 4400 linear feet of pipe culverts and other items.

...Awarded Walker Constr. Co., 4540 S. Adams St., Tacoma, $98,895.

Garfield County: 4. Grading and constructing a treated timber trestle on about 1.3 miles of county road, Lower Deadman Road, involving about

15,880 cubic yards of excavation, 37 M.B.M. of timber and lumber (treated), 1 M.B.M. of timber and lumber (untreated), 216 linear feet of pipe culverts and other items.

Awarded Walker Constr. Co., 4540 St., Spokane, $5881.

Bids opened December 17:

Asotin County: Grading and surfacing with crushed stone about 0.9 miles of State Road No. 3, Clarkston West, Section 1.

Awarded G. D. Lyon & Co., Hutton Bldg., Spokane, $33,910.

Jefferson County: Grading and surfacing with crushed stone about 1.0 miles of county road, Quilcene Vicinity.

Awarded Allen & Govan, Olympia, $9692.

Franklin County: Grading and surfacing with crushed stone on about 2.7 miles of County Road, Mesa to Kahlotus.

Awarded C. E. Oneal Co., Inc., Stevenson, $8179.

BIDS OPENED

SAN JOSE, Santa Clara Co., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $27,908.34 submitted low bid to the San Jose City Council, John J. Lynch, City Clerk, December 23, for resurfacing of So. Market St. and of South First St., to the City limits.

The work involves:

(1) 4040 tons 2-in. asphaltic concrete gravel surface;
(2) 504 tons 1-in. to 3-in. asphaltic concrete leveling course;
(3) 35,302 sq. yds. existing pavement base to be treated with asphaltic paint binder;
(4) One Portland cement concrete inlet for 17-in. grate;
(5) 14 lin. ft. 8-in. vitrified pipe drain
(6) 317,714 sq. ft. existing asphalt surface only, to be removed;
(7) (Alt. to Item 3) 35,302 sq. yds. existing pavement base to be treated with emulsified asphaltic paint binder.

Total bids follow:

(A) Union Paving Co., San Francisco, $27,908.34.
(B) A. J. Raisch, San Jose, $28,880.04.

Unit bids follow:

	(A)	(B)
(1)	$ 4.50	$ 4.75
(2)	4.50	4.20
(3)	.03	.015
(4)	40.00	40.00
(5)	.50	1.00
(6)	.02	.022
(7)	.03	.017

No totals were given on the alternate proposal.

Bids held under advisement

BIDS OPENED

STATE OF WASHINGTON—Bids on two projects were opened and held under advisement by L. V. Murrow, Director of Highways, Olympia, Dec. 20.

The projects were

Spokane County: Paving with Portland cement concrete on about 0.5 mi. of city street, 29th Avenue between Grand Blvd. and Perry St. in the City of Spokane.

Low Bidder—Chas. A. Power, E 27 8th, Spokane, $23,211.

Spokane County: Paving with Portland cement concrete on about 0.7 mi. of city street, Napa Street between Trent Ave. and Mission Ave. in the City of Spokane.

Low Bidder—Chas. A. Power, E 27 8th, Spokane, $35,296.

COMPLETE BID LISTING

KERN CO., Cal.—Oilfields Trucking Co., Box 751, Bakersfield, a $5,215, as previously reported, submitted low bid to the Division of Highways, S. W. Lowden, District Engineer, Bishop, for applying road-mix surface treatment on about five miles in Kern County, between 2 miles southwest of Searles and Rademacher, involving:

LOS ANGELES CO.—Soto St. Undercrossing—State

LOS ANGELES COUNTY, Cal.—Oscar Oberg, 150 N. Vista St., Los Angels, at $154,942.70, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of an undergrade crossing under the tracks of the Union Pacifics Railroad at Soto Street in the City of Los Angeles, consisting of reinforced concrete abutments on timber pile foundations with steel superstructure; and grading and paving with Portland cement concrete approximately 0.32 mile of roadway.

The work involves:

(1) 12 sta. clearing and grubbing;
(2) 74 M. gals. water;
(3) 38,000 c.y. rdwy. excav.;
(4) 7,200 c.y. struc. excav.;
(5) 7,500 sq. yds. subgrade for pave.;
(6) 12 sta. finishing rdwy.;
(7) 90 tons asphalt concrete;
(8) 1,400 c.y. Class A Portland cement concrete (pavement);
(9) 100,000 lbs. bar reinf. steel;
(10) 1,900 sq. yds. welded mesh reinforcement;
(11) 1,350 each pavement dowels;
(12) 2,400 c.y. Class A Portland cement concrete (struc.);
(13) 410 c.y. Class A Portland cement concrete (slope paving);
(14) 875,000 lbs. structural steel;
(15) 7,320 l.f. furnishing treated Douglas fir piles, including test piles;
(16) 480 each driving do;
(17) 490 l.f. 27-in. reinf. concrete pipe;
(18) 60 l.f. 21-in. do;
(19) 114 l.f. 18-in. do;
(20) 396 l.f. 12-in. do;
(21) 36 l.f. 10-in. vit. clay pipe;
(22) 574 l.f. 8-in. do;
(23) 100 l.f. 8-in. do (extra strength);
(24) 400 l.f. 6-in. vit. clay pipe;
(25) 450 l.f. 4-in. cast iron pipe;
(26) 250 c.y. Class A Portland cement concrete (curbs, gutters, sidewalk);
(27) 146 l.f. pipe handrail;
(28) 1,120 c.y. existing concrete to be removed and disposed of;
(29) 1 each sewer manhole (with salvaged flusher);
(30) 1 each sewer manhole (drop type)
(31) 1 each reconstruct sewer manhole (offset type);
(32) 1 do (drop type);
(33) 2,400 l.f. 2-in. conduit;
(34) 5 800 lbs. misc. iron and steel;
(35) 1 lot misc. items of work.

Unit bids next issue.

Total bids follow:

(A) Oscar Oberg, Los Angeles, $154,942.70.
(B) Griffith Co., Los Angeles, $156,284.60.
(C) T. A. Allen Constr. Co., Los Angeles, $156,691.30.
(D) Basich Bros., Torrance, $159,634.50.
(E) Herbert M. Baruch Corp., Ltd., Los Angeles, $172,109.
(F) Merritt-Chapman & Scott Corp., San Pedro, $179,164.40.
(G) Carlo Bongiovanni Constr. Co., Los Angeles, $189,990.
(H) R. E. Campbell, Los Angeles, $193,311.90.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 6.00	$ 10.00	$ 10.00	$ 25.00	$ 5.00	$ 10.00	$ 10.00	$ 5.00
(2)	.80	1.00	.60	1.00	1.50	1.50	2.00	2.00
(3)	.30	.40	.28	.33	.34	.335	.50	.585
(4)	.65	1.00	.75	1.25	1.00	1.05	1.00	2.10
(5)	.12	.09	.15	.10	.12	.10	.15	.12
(6)	8.00	4.00	25.00	20.00	10.00	1.00	10.00	10.00
(7)	4.00	4.00	5.30	4.50	4.00	5.70	6.00	4.00
(8)	7.50	8.00	7.50	8.00	9.30	9.12	11.00	8.80
(9)	.04	.04	.038	.04	.048	4.02	.0406	.045
(10)	.23	.20	.25	.20	.20	.24	.18	.21
(11)	.13	.10	.12	.10	.12	.15	.20	.15
(12)	15.35	13.42	10.00	14.00	11.80	15.53	16.00	15.00
(13)	10.00	12.00	13.00	13.50	13.00	14.90	16.00	14.00
(14)	.067	.06	.0785	.066	.087	.0744	.075	.0725
(15)	.62	.60	.65	.75	.70	.63	.60	.61
(16)	6.80	10.00	6.67	7.00	7.00	15.00	15.00	17.50
(17)	5.10	4.00	7.00	4.50	4.50	4.85	6.00	5.25
(18)	3.30	3.00	3.60	3.50	2.50	2.90	5.50	3.50
(19)	3.10	3.00	3.20	3.00	2.30	2.70	4.00	2.65
(20)	2.35	2.00	2.20	2.50	1.70	1.80	3.50	1.70
(21)	1.10	.70	1.00	1.00	.70	.90	1.50	.65
(22)	.80	.60	.75	.75	.55	.70	1.25	.50
(23)	.96	.70	.90	.75	.70	.72	1.35	.57
(24)	.90	.50	.65	.65	.50	.47	1.00	.43
(25)	.80	1.00	.81	1.00	.50	1.20	.75	1.35
(26)	12.00	14.00	18.37	12.00	13.00	13.00	16.00	14.60
(27)	3.30	4.00	3.15	5.00	3.00	3.50	5.00	4.00
(28)	1.25	2.50	.92	1.25	1.60	2.70	2.00	2.50
(29)	139.00	100.00	150.00	125.00	120.00	75.00	150.00	130.00
(30)	128.00	75.00	150.00	125.00	120.00	100.00	150.00	112.00
(31)	200.00	50.00	150.00	100.00	100.00	75.00	237.00	78.00
(32)	25.00	20.00	25.00	75.00	100.00	75.00	45.00	68.00
(33)	.40	.50	.43	.60	.45	.45	.50	.70
(34)	.06	.10	.12	.09	.09	.12	.15	.11
(35)	800.00	700.00	450.00	500.00	296.70	1031.00	590.00	857.00

COLUSA COUNTY — Demolishing Bridges — (State)

COLUSA COUNTY, Cal.—M. A. Jenkins, 3560 Y St., Sacramento, at $2,888 submitted low bid to the Division of Highways, C. H. Whitmore, District Engineer, Marysville, for removing and disposing of portions of four existing concrete bridges in Colusa Co., between Williams and the northerly boundary.

The work involves:

(1) 1 lot existing bridges to be removed and disposed of;
(2) 5 c.y. Class A Portland cement concrete in place (structures);
(3) 320 l.f. laminated guard railing in place.

Total bids follow:

(A) M. A. Jenkins, Sacramento.. $2,888
(B) F. H. Nielson, Orland..... 3,740
(C) L. F. Piazza, San Jose..... 3,881
(D) Geo. Pollock, Sacramento 5,990
(E) Hemstreet & Bell, Marysville 6,980
(F) Nelson H. Chick, Berkeley.. 7,570
(G) M. B. McGowan, Inc., S. F... 8,645

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(H)
(1)	$2288.00	$3200.00	$3276.00	$5200.00	$6300.00	$7100.00	$7880.00
(2)	40.00	26.00	25.00	30.00	40.00	30.00	25.00
(3)	1.25	1.30	1.50	2.00	1.50	1.00	2.00

Bids held under advisement.

(1) 290 tons liquid asphalt, SC-2, in place;
(2) 5.4 miles preparing, mixing and shaping roadbed.

Complete bids follow:
Oilfields Trucking Co. Bakersfield (1) $11; (2) $735; total, $5,215.
A. S. Vinnell Co., Los Angeles: (1) $11.50; (2) $495; total, $6,008.
Basich Bros., Torrance: (1) $12.50; (2) $475; total, $6,190.

COMPLETE BID LISTING

MENDOCINO COUNTY, Cal.—Smith Bros. Co., 1636 B St., Eureka, at $1,-723, as previously reported, submitted low bid to the Division of Highways, J. W. Vickrey, District Engineer, Eureka, for the construction of a standard timber cattle pass in Mendocino County between Hopland and Ukiah, at Station 72.

Bids were taken as follows:
(1) 425 c.y. structure excavation;
(2) 11.5 MBM redwood timber, select, all-heart;
(3) 5 MBM redwood timber, dense, select, all-heart.

Total bids were:
(A) Smith Bros. Co., Eureka, $1,723.
(B) Alfred T. Howe, Santa Rosa, $3,-162.50.

Unit bids follow:

	(A)	(B)
(1)	$ 1.00	$ 1.50
(2)	77.00	150.00
(3)	82.50	160.00

Bids held under advisement.

CONTRACT AWARDED

BUTTE CO., Calif.—E. B. Bishop, Orland, at $17,092.75 awarded contract by the State Highway Commission at Sacramento for about 2.9 miles grading and surfacing with untreated crushed gravel or stone in Butte Co. between 3.4 miles east of Butte Creek and Cherokee Canal.

CONTRACT AWARDED

SACRAMENTO COUNTY, Cal.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $131,857.80 awarded contract by the State Highway Commission, Sacramento, for about 16.4 miles grading, widening existing pavement with crusher run base, and resurfacing portions with plant-mixed surface in Sacramento County between Walnut Grove and Freeport.

CONTRACT AWARDED

PLACER COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $28,131.30 awarded contract by State Highway Commission, Sacramento, for about 1.5 miles grading, a portion to be surfaced with crusher run base, and seal coat applied, in Placer County, at various locations, between Lincoln and Newcastle.

CONTRACT AWARDED

CALAVERAS COUNTY, Calif.—Biasotti-Willard & Biasotti, 40 W. Clay St., Stockton, and Rocca & Co., Box 444, San Rafael, jointly, at $146,939 awarded contract by hte State Highway Commission, Sacramento, for about 1.8 miles grading and constructing a reinforced concrete bridge in Calaveras County between the South Fork of Mokelumne River and Herbert's Ranch.

CONTRACT AWARDED

TULARE CO., Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $147,771.90 awarded contract by State Highway Commission, Sacramento, for about 6.6 miles grading, surfacing portions with crusher run base and road-mix surfacing, and treating portions with liquid asphalt by the road-mix method, in Tulare County, between Yokohl and one mile north of Lemon Cove.

COMPLETE BID LISTING

NAVAJO COUNTY, Arizona—H. J. Hagen, Globe, Ariz., at $174,486.41 (alternate bid, $173,346.79) as previously reported, submitted low bid to the Arizona State Highway Commission, Phoenix, December 10, for highway construction on the Globe-Springerville Highway, F.A. 105-D, APE 6059.

The work, which is to begin about 3.8 miles northeast of the Gila Navajo county line and is to extend northeasterly about 3.2 miles, consists of grading and draining, and [illegible] to be completed on or before Dec. [illegible] 1936.

The other bids were:

Packard Contracting Co., Phoenix, Ariz., $184,961.29, alternate bid, $183,861.07.

Lee Moor Contr. Co., El Paso, Texas $189,653.75, alternate bid, $190,509.72.

Geo. W. Orr, El Paso, $197,000; alternate bid, not totaled.

O. F. Fisher Const. Co., Phoenix, $218,305.15; alternate bid, $214,852.15.

LOS ANGELES CO.—Figueroa St. Overcrossing—State

LOS ANGELES COUNTY, Calif.—Clinton Const. Co., 541 S. Spring St., Los Angeles, at $578,420, as previously reported, submitted low bid to State Highway Engineer, State Bldg., Los Angeles, for construction of an overhead crossing over the tracks of the Southern Pacific Railroad and the Los Angeles Railway at Figueroa St. in Los Angeles, consisting of one 127-ft., one 200-ft. and one 103-ft. steel plate girder span, and five 75-ft. concrete girder spans on concrete piers and abutments, and grading and paving with asphalt concrete pavement approximately 0.23 miles of roadway.

The work involves:
(1) 9 stations clearing and grubbing;
(2) 1200 M. gals. water;
(3) 14,000 cu. yds. rdwy. excav., unclass.;
(4) 23,000 cu. yds. struc. excavation;
(5) 45,000 cu. yds. imported borrow;
(6) 3100 cu. yds. selected material;
(7) 6300 sq. yds. subgrade for pavement;
(8) 9 stations finishing roadway;
(9) 2200 tons asphalt concrete (base and leveling course);
(10) 1600 tons asphalt concrete (Type A surface);
(11) 5000 sq. yds. asph. paint binder;
(12) 2810 cu. yds. Class A Portland cement concrete (footing blocks)
(13) 11,600 cu. yds. Class A Portland cement conc. (structure);
(14) 130 cu. yds. Class F Portland cem. conc. (railing);
(15) 1,430,000 lbs. bar reinf. steel;
(16) 880,000 lbs. structural silicon steel;
(17) 710,000 lbs. structural carbon steel;
(18) 34,000 lbs. special cast steel;
(19) 12,700 lbs. cast steel;
(20) 900 lbs. misc. iron and steel;
(21) 4400 lin. ft. furnishing concrete piles, including test piles;
(22) 216 each driving conc. piles, including test piles;
(23) 6100 lin. ft. furnishing steel sheet piles, including test piles;
(24) 270 each driving steel sheet piles, including test piles;
(25) 800 cu. yds. Class A Portland cement concrete (slope paving and aprons);
(26) 184 lin. ft. 18-in. standard reinf. concrete pipe;
(27) 46 lin. ft. 18-in. extra strength reinf. concrete pipe;
(28) 155 lin. ft. 18-in. CMP;
(29) 270 cu. yds. Class A Portland cement concrete (curbs, gutters and sidewalks);
(30) 1800 lin. ft. traffic stripe;
(31) 300 cu. yds. conc. to be removed and disposed of;
(32) 500 lin. ft. 2-in. conduit;
(33) 355 lin. ft. 18-in. cast iron pipe;
(34) 14 lin. ft. 24-in. cast iron pipe;
(35) 3 each standard manholes complete;
(36) 1 lot lighting equipment;
(37) 1 lot miscellaneous items of work

Total bids follow:
(A) Clinton Const. Co. of California, Los Angeles, $578,420.
() Bent Bros., Inc., Los Angeles, $620,547.00.
(C) Mittry Bros. Const. Co., Los Angeles, $627,253.00.
(D) C. W. Calletti & Co., San Rafael, $632,860.00.
(E) Griffith Co., Los Angeles, $646,-061.00.

Total bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 36.00	$ 15.00	$ 18.00	$ 50.00	$ 10.00
(2)	.60	.75	.60	1.50	1.00
(3)	.36	.30	.40	.50	.50
(4)	2.80	2.60	2.80	4.00	4.50
(5)	.48	.35	.90	.41	.40
(6)	.84	1.25	1.00	.70	1.00
(7)	.18	.12	.12	.10	.10
(8)	12.00	10.00	15.00	10.00	2.00
(9)	2.90	2.60	2.50	3.00	3.50
(10)	3.40	3.00	2.75	3.50	4.00
(11)	.03	.02	.04	.02	.03
(12)	7.60	6.50	8.50	9.60	10.00
(13)	16.00	21.60	18.60	16.10	17.76
(14)	68.00	70.00	70.00	40.00	40.00
(15)	.04	.0375	.04	.042	.04
(16)	.094	.09	.09	.11	.09
(17)	.079	.08	.08	.09	.08
(18)	.156	.15	.15	.16	.15
(19)	.147	.14	.24	.15	.15
(20)	.11	.15	.10	.25	.10
(21)	1.36	1.75	1.50	2.00	3.00
(22)	32.00	20.00	20.00	25.00	15.00
(23)	1.28	1.25	.75	1.25	1.02
(24)	6.00	4.00	9.00	10.50	8.00
(25)	9.00	10.00	12.00	12.50	14.00
(26)	3.00	2.50	4.00	2.00	3.00
(27)	4.35	3.00	4.50	3.00	3.00
(28)	2.20	2.80	2.00	3.00	3.00
(29)	14.00	15.00	12.10	12.50	14.00
(30)	.33	.35	.18	.20	.35
(31)	6.00	4.00	2.00	1.50	5.00
(32)	.50	.60	.60	.50	.50
(33)	6.00	10.00	12.00	4.00	5.00
(34)	10.00	15.00	20.00	7.00	10.00
(35)	300.00	100.00	90.00	100.00	125.00
(36)	2900.00	2200.00	3500.00	8000.00	10,000.00
(37)	1300.98	750.00	4000.00	800.00	3000.00

BIDS OPENED

SANTA CRUZ CO., Cal.—Lord and Bishop, Native Sons Bldg., Sacramento, at $55,835.75 submitted low bid to the State Highway Commission, Sacramento, for about 0.5 mile of grading, surfacing with bituminous macadam on crusher run base, and constructing two bridges in Santa Cruz County thru the town of Ben Lomond.

The work involves:

(1) Clearing and grubbing right-of-way;
(2) 35 M. gals water;
(3) 500 cu. yds. stripping;
(4) 3000 cu. yds. roadway excavation unclass.;
(5) 870 cu. yds. structure excav.;
(6) 2200 tons crusher run base;
(7) 600 tons broken stone (bituminous macadam);
(8) 28 tons liquid asphalt 90-95 (bituminous macadam);
(9) 3 tons liquid asphalt SC-1A (shoulders);
(10) 2 tons liquid asphalt SC-2 (shoulders);
(11) 56,250 lbs. bar reinf. steel;
(12) 82 cu. yds. Class A Portland cement conc. (footing blocks);
(13) 265 cu. yds. Class A Portland cement conc. (strucs.);
(14) 315 cu. yds. Class A Portland cement conc. (light weight deck);
(15) 250,000 lbs. structural steel;
(16) 5000 lbs. cast steel;
(17) 37 MFBM Redwood timber, dense select all heart structural grade;
(18) 15 MFBM Redwood timber, select all heart, structural grade;
(19) 960 lin. ft. furnishing Redwood piles, including test piles;
(20) 48 each driving Redwood piles, including test piles;
(21) 320 lin. ft. 15-in. CMP;
(22) 24 lin. ft. 24-in. stand. reinf. concrete pipe;
(23) 170 lin. ft. exist. CMP to be removed and relaid;
(24) 2 each exist. bridges to be removed;
(25) 1 only detour bridge;
(26) 1 lot misc. items of work.

Total bids follow:

(A) Lord & Bishop, Sacramento, $55,835.75.
(B) Peninsula Paving Co., San Francisco, $61,677.00.

Unit bids follow:

	(A)	(B)
(1)	$ 300.00	$ 300.00
(2)	2.00	3.00
(3)	.50	.50
(4)	.50	.50
(5)	1.50	1.50
(6)	2.50	2.50
(7)	3.00	4.50
(8)	20.00	30.00
(9)	25.00	50.00
(10)	25.00	60.00
(11)	.045	.06
(12)	15.00	20.00
(13)	20.00	20.00
(14)	25.00	25.00
(15)	.068	.07
(16)	.15	.15
(17)	85.00	105.00
(18)	80.00	105.00
(19)	.50	.60
(20)	25.00	30.00
(21)	1.50	1.50
(22)	2.50	5.00
(23)	1.00	.50
(24)	400.00	600.00
(25)	1700.00	2500.00
(26)	500.00	600.00

CONTRACT AWARDED

ORANGE COUNTY, Calif. — Square Oil Co., 916 Adobe St., Los Angeles, at $6,681 awarded contract by the State Highway Commission, Sacramento, for about one mile grading and applying road-mix surface treatment in City of Orange, on Batavia St. between Walnut Ave. and La Veta Ave.

CONTRACT AWARDED

EL CERRITO, Contra Costa Co., Calif.—Independent Const. Co., Ltd., foot of 47th Ave., Oakland, at $4,299.67 (natural rock asphalt) awarded contract by the El Cerrito City Council for the improvement of Cutting Blvd. in El Cerrito to the westerly line of San Pablo Avenue.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. Geo. J. Bock Co., 1120 N Las Pamlas Ave., Los Angeles, at $80,512 awarded contract by State Highway Commission, Sacramento, for about 2.5 mi. grading and applying road-mix surface treatment in San Bernardino Co. between one mile northwest of Lake Arrowhead and Lake Arrowhead Dam.

CONTRACT AWARDED

SAN BERNARDINO COUNTY, Cal. —Basich Bros., 20550 Normandie Ave., Torrance, at $130,917.50 awarded contract by the State Highway Commission, Sacramento, for 4.7 miles grading and applying road - mix surface treatment in San Bernardino County, between the westerly boundary and Route 59.

CONTRACT AWARDED

INYO COUNTY, Cal.—Basich Bros., 20550 Normandie Ave., Torrance, at $16,973 awarded contract by the State Highway Commission, Sacramento, for about 2.6 miles grading in Inyo County between 1.8 miles north of Bishop and 1.4 miles north of Laws.

CONTRACT AWARDED

TUOLUMNE COUNTY, Cal.—Union Paving Co., 624 Call Bldg., San Francisco, at $104,233.20 awarded contract by the State Highway Commission at Sacramento for about 3.4 miles grading and surfacing with road-mix surfacing on untreated crushed gravel or stone base in Tuolumne County, between Sullivan Creek and 3½ miles easterly.

CONTRACT AWARDED

STANISLAUS COUNTY, Calif.—Pacific Bridge Co., 1114 Balfour Bldg., San Francisco, at $162,973.50 awarded contract by the State Highway Commission, Sacramento, for about 3.1 miles grading, applying road-mix surface treatment, and constructing a bridge in Stanislaus County between River Road and 2 miles west of Gates Road.

LOS ANGELES CO.—Valley Blvd. Overcrossing—State

LOS ANGELES COUNTY, Calif.—Griffith Co., 502 L. A. Railway Bldg., Los Angeles, at $116,864.70, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for construction of an overhead crossing over Valley Blvd. and the tracks of the Southern Pacific Railroad in the City of Los Angeles, at Soto St., consisting of concrete piers and abutments with steel superstructure and approximately 0.62 mile of roadway to be graded and paved with asphalt concrete pavement.

The work involves:

(1) 16 sta. clearing and grubbing;
(2) 220 M. gals. water;
(3) 23,000 c.y. rdwy. excav., unclass.
(4) 2,600 c.y. selected imported material;
(5) 1,700 c.y. struc. excav.;
(6) 6,550 sq. yds. subgrade for pave.;
(7) 21 stations finishing rdwy.;
(8) 2,350 tons asphalt concrete (base and leveling course);
(9) 1,200 tons asphalt concrete (type A surface);
(10) 190,000 lbs. bar reinf. steel;
(11) 1,650 c.y. Class A Portland cement concrete (struc.);
(12) 575,000 lbs. structural steel;
(13) 5,750 l.f. furnishing treated Douglas fir piles, including test piles;
(14) 164 each driving do;
(15) 290 l.f. 12-in. standard reinforced concrete pipe;
(16) 166 l.f. 4-in. plain vit. clay pipe;
(17) 20 tons gravel;
(18) 210 c.y. Class A Portland cement concrete (curbs, gutters, sidewalks and local depressions);
(19) 2,400 sq. yds. asph. paint binder;
(20) 300 l.f. curb armor;
(21) 3,510 lbs. curb bars;
(22) 1,900 lbs. misc. iron and steel;
(23) 30,000 lbs. ornamental iron railing;
(24) 200 c.y. concrete to be removed and disposed of;
(25) 1 lot lighting equipment;
(26) 1 lot misc. items of work.

Total bids follow:

(A) Griffith Co., Los Angeles, $116,864.70.
(B) Heuser & Garnett, Glendale, $126,445.50.
(C) Merritt-Chapman & Scott Corp., San Pedro, $127,021.45.
(D) Lynch-Cannon Engr. Co., Los Angeles, $128,863.50.
(E) Byerts & Dunn, Los Angeles, $132,177.00.
(F) Bent Bros., Inc., Los Angeles, $132,234.50.
(G) R. E. McKee, Los Angeles, $135,330.10.
(H) Atlas Const. Co., and C. F. Robbins, Pasadena, $136,863.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$10.00	$ 10.00	$ 10.00	$ 15.00	$ 15.00	$ 12.00	$ 10.00	$ 20.00
(2)	1.00	1.25	1.40	1.25	1.50	1.00	2.00	1.50
(3)	.54	.40	.40	.35	.35	.35	.45	.55
(4)	.60	.60	.50	.80	.75	1.00	1.30	.80
(5)	1.00	.70	.52	3.00	2.00	1.00	3.00	2.50
(6)	.10	.14	.107	.11	.15	.12	.18	.10
(7)	2.00	10.00	6.00	10.00	15.00	10.00	10.00	10.00
(8)	3.50	3.30	3.70	3.00	3.00	3.00	3.50	3.75
(9)	3.60	3.40	3.70	3.00	3.10	3.40	3.50	4.00
(10)	.04	.046	.0445	.0425	.045	.04	.045	.05
(11)	15.54	18.50	17.50	18.00	18.00	24.00	17.60	19.50
(12)	.06	.07	.074	.075	.065	.07	.075	.072
(13)	.55	.60	.63	.45	.60	.55	.60	.60
(14)	15.00	15.00	16.76	15.00	10.00	9.00	15.00	20.00
(15)	2.00	2.50	1.80	2.00	2.50	1.65	1.65	2.00
(16)	.50	.50	.35	.50	.25	.55	.35	.50
(17)	2.20	2.50	3.50	3.50	2.00	2.50	2.50	3.00
(18)	13.00	15.00	13.25	16.50	16.00	25.00	19.00	12.00
(19)	.05	.12	.10	.05	.05	.03	.03	.05
(20)	1.00	1.00	1.00	1.00	1.00	1.00	1.15	1.00
(21)	.22	.25	.25	.25	.35	.25	.25	.25
(22)	.10	.10	.12	.10	.13	.12	.11	.15
(23)	.13	.14	.138	.115	.12	.12	.15	.14
(24)	2.00	5.00	2.64	6.00	10.00	8.00	4.00	3.00
(25)	2000.00	2100.00	2606.00	1500.00	1600.00	1700.00	1936.00	1800.00
(26)	2000.00	1800.00	1031.00	2500.00	11,000.00	600.00	900.00	800.00

BIDS RECEIVED

MOHAVE COUNTY, Arizona—Bids were received by the Bureau of Public Roads, 807 Sheldon Bldg., 461 Market St., San Francisco, for furnishing liquid asphaltic road materials for use on Sections A, B, C, D, and E of Federal Lands Project No. 2, Kingman-Boulder Dam Highway, Mohave county, but were not opened and will be held temporarily pending a decision as to whether the work will be done by the State of Arizona or the Bureau of Public Roads.

30—RESERVOIRS & DAMS

CONTRACT AWARDED

BONNEVILLE DAM, Ore. — Lynch Bros., Inc., 3635 Woodland Park Ave., Seattle, at $6,920.50 awarded contract by the U. S. Engineer Office, Second Portland District, under Bid No. 694-36-123, for drilling in the area along the north bank of the Columbia River at North Bonneville, Wash.

CONTRACT AWARDED

BURNT RIVER PROJECT, Ore.—J. A. Terteling & Sons, 2232 Fairview Ave., Boise, Idaho, at $273,989 awarded contract by the Bureau of Reclamation, Vale, Oregon, C. C. Kitchum Supt., under Spec. No. 653, for the construction of the Unity Dam, Burnt River Project, located on the Burnt River about forty miles southwest of Baker.

BIDS OPENED

OAKLAND, Calif.—Identical bids at $2,880 were received by the East Bay Municipal Utility District, John Kimball, Secretary, under Proposal No. 708, for furnishing 195,000 sq. ft. of 2x4-in. weave, 13-gauge, AS&W both ways, 60-in. width.

The bidders, all of San Francisco, were:

McGrath Steel Company.
W. S. Wetenhall Company.
Wickwire-Spencer Company.
Gunn, Carle & Company.
Johns-Manville Company.
Pittsburgh Steel Company.
Concrete Engineering Co.
Columbia Steel Company.
Soule Steel Company.
Bids held under advisement

BIDS WANTED

ELKO COUNTY, Nevada — Until January 14, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 751 S. Figueroa St., Los Angeles, for the construction of a variable radius concrete arch dam across the Owyhee River together with appurtenant works (consisting of crest spillway in middle portion of arch, outlet gates, approach and discharge channels to same, concrete protective aprons, loose rock fills, suspension foot bridge), located approximately 25 miles south of Mountain City, Nevada and 70 miles north of Elko, Nevada. The nearest shipping point is Elko on the Southern Pacific and Western Pacific Railroads. The governmnt will furnish cement, reinforcing steel, metal pipe and fittings, and copper sheets, f.o.b. cars, Elko.

The work involves:

(1) Lump sum—diversion and care of river during construction and unwatering foundations;
(2) 800 cu. yds. common excavation;
(3) 1300 cu. yds. solid rock excav.;
(4) 3200 cu. yds. concrete;
(5) 30,000 lbs. placing reinf. steel;
(6) 94 cu. ft. pressure grouting foundation;
(7) 600 lin. ft. drilling 10-ft. grout holes;
(8) 1400 lbs. installing pipes and fittings for foundation grouting;
(9) 2735 lbs. installing pipes and fittings for radial contracting joint grouting;
(10) 100 lin. ft. placing copper water strips along foundation;
(11) 8700 lbs. installing and painting two 48-in. round cast iron gates, gate stems, gate stem guides, gate frames and hoisting mechanism;
(12) 3700 lbs. installing and painting trash racks—metal work;
(13) 1800 lbs. installing and painting hand rails;
(14) Lump sum — erect suspension bridge.

Bid bond 5% must accompany bids.

LOW BIDDER

BOISE PROJECT, Idaho — T. E. Connolly, 461 Market St., San Francisco, at $395,040 submitted low bid to the Bureau of Reclamation, % Boise Project Board of Control, Boise, under Spec. No. 661, for the raising of the Arrowrock Dam, Boise Project.

CONTRACT AWARDED

RIVERTON PROJECT, Wyo.—S. G. Groves & Sons, 509 Wesley Temple Bldg., Minneapolis, at $653,397.50 was awarded contract by the Bureau of

LOS ANGELES CO.—Mission Road Undercrossing—State

LOS ANGELES COUNTY, Cal.—L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, at $241,661, as previously reported, submitted low bid to the State Highway Engineer, State Bldg., Los Angeles, for the construction of an undergrade crossing under the tracks of the Pacific Electric Railway at Mission Road, Los Angeles.

The work involves:

(1) 430 c.y. existing concrete to be removed and disposed of;
(2) 1 lot grading;
(3) 4,600 c.y. struc. excav.;
(4) 2,700 sq. yds. subgrade for pave.;
(5) 1,300 tons asphalt conc. pave.;
(6) 130 c.y. Class A Portland cement concrete (curbs, gutters, sidewalk);
(7) 5,360 c.y. Class A Portland cement concrete (struc.);
(8) 669,000 lbs. bar reinf. steel;
(9) 1,000,000 lbs. fabricated structural steel;
(10) 3,150 sq. yds. membrane waterproofing;
(11) 1,000 l.f. 4-in. special perf. metal drains;
(12) 170 l.f. 12-in. reinf. conc. pipe;
(13) 280 l.f. 68-in. do;
(14) 17,500 l.f. reinf. conc. piles, including test piles;
(15) 240 l.f. curb armor;
(16) 1,200 l.f. curb bars;
(17) 550 l.f. pipe handrail;
(18) 1 lot misc. items of work.

Total bids follow:

(A) L. E. Dixon, Los Angeles, $241,661.
(B) J. E. Haddock, Pasadena, $245,917.
(C) R. E. Campbell, Los Angeles, $264-976.50.
(D) Bodenhamer Const. Co., Oakland, $273,900.
(E) Mittry Bros. Const. Co., Los Angeles, $324,973.50.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ 4.00	$ 2.00	$ 3.00	$ 4.00	$ 3.00
(2)	1500.00	1000.00	1918.00	1000.00	2800.00
(3)	1.50	2.00	2.18	3.00	2.50
(4)	.12	.15	.12	.15	.12
(5)	3.00	3.25	4.00	4.00	2.75
(6)	15.00	13.00	18.10	14.00	12.50
(7)	19.00	17.50	21.00	20.00	19.10
(8)	.04	.04	.044	.045	.0425
(9)	.0575	.06	.055	.06	.07
(10)	.80	.80	.75	.70	.20
(11)	.60	.75	.60	1.00	1.10
(12)	1.60	1.60	1.70	1.50	2.10
(13)	20.00	14.00	16.20	15.00	30.00
(14)	1.50	2.00	2.00	2.00	2.50
(15)	1.00	1.00	1.00	1.00	1.10
(16)	.30	.25	.25	.75	1.00
(17)	3.50	4.50	4.00	7.00	3.00
(18)	1500.00	2500.00	1340.00	5000.00	2100.00

MENDOCINO COUNTY — 14.5 Miles Grading — (State)

MENDOCINO COUNTY, Cal.—Hemstreet & Bell, 501 11th St., P. O. Box 550, Marysville, at $322,940, submitted low bid to the State Highway Commission, Sacramento, for about 14.5 miles grading in Mendocino County between Longvale and Dos Rios.

The work involves:

(1) 70 acres clearing and grubbing right-of-way;
(2) 325,000 cu. yds. roadway excavation unclass.;
(3) 480,000 sta. yds. overhaul;
(4) 2650 cu. yds. struc. excav.;
(5) 765 stations finishing roadway;
(6) 3000 lin. ft. round timber;
(7) 14 MFBM Redwood timber, select, all heart, structural grade;
(8) 2750 lin. ft. 12-in. CMP;
(9) 2050 lin. ft. 15-in. CMP;
(10) 780 lin. ft. 18-in. CMP;
(11) 980 lin. ft. 24-in. CMP;
(12) 310 lin. ft. 30-in. CMP;
(13) 600 lin. ft. 36-in. CMP;
(14) 3250 lin. ft. timber surface culverts.

Total bids follow:

(A) Hemstreet and Bell, Marysville, $322,940.00.
(G) George Pollock Co., Sacramento, $334,677.50.
(C) Guy F. Atkinson Co., San Francisco, $341,880.00.
(D) Granfield-Farrar & Carlin, S. F., $345,627.50.
(E) Peninsula Paving Co., San Francisco, $359,311.50.
(F) Wood & Bevanda, Stockton, $460,-115.00.

Unit bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$100.00	$400.00	$500.00	$700.00	$225.00	$500.00
(2)	.86	.76	.82	.73	.92	1.17
(3)	.02	.04	.01	.02	.02	.01
(4)	1.50	1.00	2.00	2.50	1.25	2.00
(5)	5.00	5.00	10.00	15.00	10.00	5.00
(6)	.50	1.50	.60	2.50	1.75	1.50
(7)	80.00	80.00	100.00	100.00	105.00	100.00
(8)	1.30	1.50	1.50	1.40	1.40	1.75
(9)	1.55	1.75	1.80	1.75	1.50	2.10
(10)	1.80	2.00	2.00	3.00	1.80	2.75
(11)	2.90	2.50	3.00	3.50	3.00	3.75
(12)	3.15	3.00	4.00	4.50	3.50	5.25
(13)	4.70	4.00	6.00	5.50	5.50	6.00
(14)	.50	1.00	.70	1.50	50	1.50

Reclamation, Riverton, H. D. Comstock, Superintendent, under Spec. No. 658, for the construction of the Bull Lake Dam, Riverton Project.

LOW BIDDERS

CARLSBAD PROJECT, N. M.—Hallett Const. Co., Crosby, Minn., at $1,132,547, as previously reported, submitted low bid to the Bureau of Reclamation, Carlsbad, N. M., under Spec. No. 660, for the construction of the Alamogordo Dam, Carlsbad Project. The work is located near Ft. Sumner.

The three low bids were:

(A) Hallett Const. Co., Crosby, Minn., $1,132,547.00.
(B) Mittry Bros. Const. Co., Los Angeles, $1,144,000.00.
(C) Macco Const. Co., Clearwater, Cal. $1,231,849.50.

L. E. Foster, Project Superintendent.

BIDS WANTED

SAN FRANCISCO — Until January 21, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Spec. No. S. F W. D. 100, for construction of the central pumps reservoir.

The work consists of construction of a covered reservoir with a concrete roof and lining, valve house, and inlet and outlet structures, located in the block bounded by Sloat Blvd., 23rd Ave., Ocean Avenue, and 22nd Ave., and includes removing an existing concrete tank and certain pipe lines, excavating for reservoir and constructing embankment, constructing the concrete roof, lining, and appurtenant structures, furnishing and installing steel pipe lines together with slide gates, installing valves, cast iron pipe lines, and constructing manholes and drop structures, furnishing and installing tile drain pipe, repairing the street over pipe trenches and constructing new sidewalk, constructing gravel paths and surfacing, and certain other work.

Bids will be taken as follows:

(1) lump sum, removal of existing struc. and preparation of site;
(2) 5,700 c.y. stripping and stockpiling top soil;
(3) 22,600 c.y. excavating and placing in embankment;
(4) 2,000 c.y. excavating, hauling, and placing additional material from Balboa reservoir site;
(5) 4,000 c.y. spreading topsoil on embankment;
(6) 260 roller-hours, providing & operating roller equipment;
(7) 5,800 s.y. trimming side slopes and top of embankment;
(8) 1,450 c.y. structure excavation;
(9) 2,000 c.y. concrete lining and column footings;
(10) 820 c.y. concrete in columns, outlet tower and conduit, Division wall (above footing) and inlet structure;
(11) 1,830 c.y. concrete in roof slab, joists and girders;
(12) 615 c.y. concrete in division wall footing;
(13) 200 barrels extra cement;
(14) 675,000 lbs. furnishing and placing reinforcing bars;
(15) 8,800 sq. yds. furnishing and placing welded wire fabric;
(16) lump sum, furnishing and installing slide gates;
(17) 21,000 lbs. furnishing and installing misc. metal work;
(18) 148,000 lbs. installing metal work (furnished by the city);
(19) lump sum, constructing valve house;
(20) lump sum, brick manhole, miscellaneous framing, wire screens and painting;
(21) 125 l.f. fabrication, lining and coating of 20-in. steel pipe with single standard wrapping;
(22) 460 l.f. fabrication, lining and coating of 30-in. steel pipe with single standard wrapping;
(23) 370 l.f. fabrication, lining and coating of 36-in. do;
(24) 3 roundabout seams, fabrication of bends in 20-in. steel pipe;
(25) 10 roundabout seams, fabrication of bends in 30-in. steel pipe;
(26) 8 roundabout seams, do in 36-in. steel pipe;
(27) 1,200 c.y. excavation and backfill for pipe trenches;
(28) 125 l.f. installation of 20-in. steel pipe;
(29) 460 l.f. installation of 30-in. do;
(30) 370 l.f. installation of 36-in. do;
(31) 3,000 lbs. installation of valves & fittings for 20- 30- and 36-inch steel pipe;
(32) 2,000 sq. ft. repavement;
(33) 9,800 sq. ft. constructing new sidewalk;
(34) lump sum, constructing outside stairways and toe wall;
(35) 400 l.f. furnishing and installing 6-in. tile drain pipes;
(36) 2,000 sq. yds. furnishing and placing gravel surfacing.

Plans and specifications obtainable at Room 605, San Francisco Water Dept. Bldg., 425 Mason St., upon deposit of $10.00.

N. A. Eckart, General Manager and Chief Engineer.

31 — PIPE LINES & WELLS

CONTRACT AWARDED

SAN FRANCISCO—G. W. Williams Co., 315 Primrose Road, Burlingame, at $35,183.50 awarded contract by the Public Utilities Commission, City Hall, under Spec. No. W. D. 88, for construction of valve houses and wood covering for pipe on trestle for the Bay Crossing Pipe Line No. 2. The contract provides for construction of protective wood covering and incidentals for sections of the pipe line on timber trestles over marsh lands bordering San Francisco Bay at Dumbarton Strait in Alameda and San Mateo Counties; a valve house of wood frame with corrugated siding and roof on the east shore of Dumbarton Strait in Alameda County; and a valve house of wood frame, with cement plaster and stucco finish, and a tile roof, near Redwood City, San Mateo County.

A total of approximately 19,250 ft. of 66-in. diam. steel pipe is to be covered.

CONTRACT AWARDED

LOS ANGELES AND SAN BERnardino Counties, Cal.—J. G. Shea Co., inc., Mecca Calif., at $2,319,463.58 awarded contract by the Metropolitan Water District Los Angeles, under Spec. No. 134, for constructing precast pipe lines and appurtenant works of the Colorado River Aqueduct, distribution system between Station 1436 plus 00 and 2009 plus 18 of the Upper Feeder, located in San Bernardino and Los Angeles Counties, bet. Ontario, and one mile north of San Dimas.

Work has been divided in schedules as follows:

Schedule 6P—5.18 miles, 11 ft. 8-in. diameter.

Schedule 7P—5.66 miles, 11 ft. 8-in. diameter.

FUNDS ASKED

LA MESA, San Diego Co., Calif.—The La Mesa Lemon Grove & Spring Valley Irrigation District has applied to the government for the sale of $88,000 bonds, voted in 1934, as part of the refinancing and flume replacement project, and for a grant of $39,000, to construct two miles of 48-in. steel pipe line from Monte to Lakeside to connect with San Diego city's 36-inch main. The city is preparing to call for bids for the construction of the remaining six miles to fill the gap between the El Capitan Dam and the city's existing pipe line. The city portion will consist of four miles of 48-in. steel pipe line and two miles of 36-in. line.

AWARD RECOMMENDED

SAN DIEGO, Cal.—H. H. Peterson, 3788 Atlantic St., San Diego, at $12,799.70 submitted low bid and recommended for award of contract by the Public Works Officer, San Diego, under Spec. No. 8091, for the construction of an outfall sewer at the Naval Operating Base (Air Station) San Diego.

Complete bids follow:

H. H. Peterson, San Diego	$12,799.70
Miracle Co., San Diego	13,262.00
Frank Doran, San Diego	13,950.00
Geo. Hess, Los Angeles	15,545.00
M. H. Golden, San Diego	15,555.00
V. R. Dennis, San Diego	18,640.00

Bids forwarded to the Bureau of Yards and Docks, Washington, D. C., for award.

CONTRACT AWARDED

SACRAMENTO, Cal.—Lord & Bishop, Native Sons Bldg., Sacramento, at $17,550 awarded contract by the Sacramento City Council for the construction of extensions of the main sewer into the river.

BIDS WANTED

SAN DIEGO, Cal. — Until January 21, 10 A. M. (tentative date and subject to approval by the City Council), bids will be received by the City of San Diego, for constructing the El Capitan-Lakeside pipe line, between El Capitan Dam, and the existing Lakeside-University Heights line. The proposed line will consist of 4 miles of 48-in. pipe and 2 miles of 36-in. pipe. Bids will be taken on alternative proposals as follows:

Proposal A—Electrically welded steel pipe.

Proposal B—Concrete protected steel cylinder pipe (electrically welded).

Funds for the project have been provided as follows: PWA grant of $129,000, and balance of $301,000 by the city from reserves and unexpended bond funds.

Plans and specifications have been approved by the PWA engineers and will be available as soon as the official call for bids is issued by the city.

The schedules and items follow:

SCHEDULE PROPOSAL "A"
ELECTRIC WELDED STEEL PIPE
Trench Execavation, Backfill, Pipe and Appurtenances

Pipe Line Station 104 to Lakeside

(1) 30,850 cu. yds. class 1 excavation. Station 104 to Station 313+00;
(2) 11,800 cu. yds. class 1 excav., Sta. 313+00 to Lakeside;
(3) 12,500 cu. yds. class 2 excav., Sta. 104 to Lakeside;
(4) 11,500 cu. yds. hauling excavated material less than 400 ft. for pipe line bench;
(5) 1000 cu. yds. hauling excavated material over 400 ft. for pipe line bench;
(6) 29,300 cu. yds. backfill, sta. 104 to Lakeside;
(7) 2226 lin. ft. 48-in.—¼-in. plate electric welded steel pipe complete in place;
(8) 10,000 lin. ft. 48-in. 9/32-in. plate electric welded steel pipe complete in place;
(9) 7500 lin. ft. 48-in.—5/16-in. plate electric welded steel pipe, complete in place;
(10) 1200 lin. ft. 48-in. ⅜-in. plate electric welded steel pipe complete in place;
(11) 2 48x36-in.—5/16-in. plate electric welded steel reducers, each with standard 36-in. steel flange

gasket and bolts, complete in place;

(12) 3 36x30-in.—5/16-in. plate electric welded steel reducers, each with standard 30-in. steel flange, gaskets and bolts complete in place;

(13) 1 36x20-in. 5/16-in. plate electric welded steel reducer with standard 20-in. steel flange, gaskets and bolts, complete in place;

(14) 90 48-in. additional circular seams required by use of short sections

(15) 8300 lin. ft. 36-in.—¼-in. plate electric welded steel pipe complete in place;

(16) 1817 lin. ft. 36-in. 9/32-in. plate electric welded steel pipe complete in place;

(17) 1350 lin. ft. 36-in. 5/16-in. plate electric welded steel pipe, circumferential seams welded inside and out, complete in place;

(18) 75 lin. ft. 28-in.—¼-in. plate electric welded steel pipe complete in place with 1 std. steel flange;

(19) One 30x28-in.—5/16-in. plate electric welded steel reducer with one 30-inch std. steel flange gaskets and bolts complete in place;

(20) one 36x28-in.—5/16-in. plate electric welded steel reducer with one 28-in. std. steel flange gaskets and bolts complete in place;

(21) 2 36x16-in.—5/16-in. plate electric welded steel reducers, each with one 16-in. std. steel flange, gaskets and bolts complete in place;

(22) 50 36-in. additional circular seams required by use of short sections;

(23) 3000 lbs. electric welded steel specially built sections, including flanges, gaskets and bolts, enameled and wrapped, complete in place;

(24) 20,000 lbs. electric welded steel pipe fabricated angles, all pipe sizes and plate thickness, complete in place;

(25) 3 48-in. Dresser couplings or equal with bolts, nuts, packing and gaskets, complete in place;

(26) 3 36-in. Dresses couplings or equal with bolts, nuts, packing and gaskets, complete in place;

(27) one 30-inch bevel geared gate valve, flanged ends Chapman type 61 or equal, for operation in horizontal position, complete in place with bypass and filled grease case;

(28) one 36-in. bevel geared gate valve flanged ends Chapman type 61 or equal, for operation in horizontal position, complete in place with bypass and filled grease case;

(29) one 20-in. bevel geared gate valve, flanged ends Chapman type 61 or equal, for operation in horizontal position, complete in place with bypass and filled gresse case;

(30) one 30-in. vertical geared gate valve, flanged ends Chapman type 61 or equal, complete in place with bypass and filled grease case;

(31) one 4-in. air and vacuum valve assemblies, Higgins or equal, including 4-in. gate valves, Crane Co. No. 480, or equal, in place but not including 4-in. pipe;

(32) 15 4-in. combination pressure air valves with air and vacuum valve assemblies, Higgins or equal, including 4-in. gate valves, Crane Co. No. 480 or equal, in place but not including 4-in. pipe;

(33) one 2-in. pressure air valve assemblies, Higgins or equal, including 8-in. gate valves, Crane Co. No. 480 or equal, in place but not including 2-in. pipe;

(34) 6 4-in. blowoff assemblies in place, including 4-in. gate valves, Crane Co. No. 480 or equal in place but not including 4-in. pipe;

(35) 4 6-in. blowoff assemblies in place including 6-in. gate valves, Crane Co. No. 480 or equal but not including 0-in. pipe;

(36) 20 lin. ft. 2-in. standard wrought iron pipe in place in pressure air valve assemblies;

(37) 575 lin. ft. 4-in. standard wrought iron pipe in place in air valve assemblies and blowoff valve assemblies;

(38) 250 lin. ft. 6-in. standard wrought iron pipe in place in blowoff valve assemblies;

(39) 50 lin. ft. 12-in., 12-gauge dipped steel pipe in place over air valve and blowoff valve assemblies, short lengths;

(40) 235 lin. ft. 20-in. 8-gauge dipped steel pipe in place over air valve and blowoff valve assemblies, short lengths;

(41) 3500 lbs. cast iron frames and covers, all types and sizes complete in place;

(42) Removal of one existing bulkhead at Lakeside and connection to new line;

(43) 225 cu. yds. structure excavation class 3, including backfill;

(44) 220 cu. yds. excavation for appurtenances and small pipe, Class 4, including backfill;

(45) 115 cu. yds. concrete, class 1, in place, excepting cement and reinforcing steel;

(46) 40 cu. yds. concrete, class 2, in place, excepting cement and reinforcing steel;

(47) 260 bbls. cement in place in the work;

(48) 1000 lbs. structural steel rim angles welded on pipe for anchors or other purposes, complete in place;

(49) 17,000 lbs. reinforcing steel in place in concrete;

(50) 175 lin. ft. 6-in. concrete drain pipe, from structures, with cement joints, complete in place;

(51) 200 lbs. structural steel covers, including hinges, hasp, and 3 locks, Yale or equal with three keys each, complete in place;

(52) 3 manholes direct into pipe with covers and frames complete in place;

(53) 25 ft. drilling holes in concrete for steel, anchors or other purposes;

(54) 200 cu. ft. concrete around small pipe for manhole cover supports

(55) one 16-in. pressure reducer, Pelton or equal with connections and 2 pressure gauges, complete in place.

(56) one recording station for Venturi meter register and mounting for pressure gauges, complete in place;

(57) one 28-in. inlet and outlet cast iron Venturi meter tube 2 to 25 million gallons daily capacity to operate under 350 feet head with Builders Iron Foundry Type M or equal indicating, recording and registering devices, complete in place;

(58) one 1-in. corporation cock connection for chlorinator, complete in place;

(58) one 1-in. corporation cock connection for chlorinator, complete in place;

(59) 3500 lin. ft. creosoted timber piling, complete in place;

(60) 1 M. board feet timber pipe supports attached to piling;

(61) 1 B. board feet timber, complete in place;

(62) 200 cu. ft. concrete pavement removed and replaced;

(63) 2 ¾-in. pressure taps with bronze valves, complete in place;

SCHEDULE PROPOSAL "B"

CONCRETE PROTECTED STEEL CYLINDER PIPE

Trench, Excavation, Backfill, Pipe and Appurtenances

Pipe Line Station 104 to Lakeside

(1) 33,350 cu. yds .class 1 excavation, Station 104+00 to Station 313+00

(2) 13,000 cu. yds. class 1 excav., Sta. 313+00 to Lakeside;

(3) 13,000 cu. yds. class 2 excav., Sta. 104+00 to Lakeside;

(4) 11,500 cu. yds. hauling excavated materials less than 400 ft. for pipe line bench;

(5) 1000 cu. yds. hauling excavated material over 400 ft. for pipe line bench;

(6) 32,200 cu. yds. backfill, Sta. 104 to Lakeside;

(7) 2236 lin. ft. 48-in. I.D. ¼-in. steel cylinder concrete protected pipe complete in place;

(8) 10,000 lin. ft. 48-in. I.D. 9/32-in. steel cylinder concrete protected pipe complete in place;

(9) 7500 lin. ft. 48-in. I.D. 5/16-in. steel cylinder concrete protected pipe complete in place;

(10) 1200 lin. ft. 48-in. I.D. ⅜-in. steel cylinder concrete protected pipe complete in place;

(11) 2 48x36-in.—5/16-in. steel cylinder concrete protected reducer, each with std. 36-in. steel flange, gasket and bolts, complete in place;

(12) 3 36x30-in.—5/16-in. steel cylinder concrete protected reducers, each with std. 30-in. steel flange gaskets and bolts, complete in place;

(13) one 36x20-in.—5/16-in. steel cylinder concrete protected reducer with std. 20-in. steel flange, gaskets and bolts, complete in place;

(14) 65 48-in. additional circular seams required by use of short sections;

(15) 8300 lin. ft. 36-in. I.D. ¼-in. steel cylinder concrete protected pipe complete in place;

(16) 1817 lin. ft. 36-in. I.D. 9/32-in. steel cylinder concrete protected pipe complete in place;

(17) 1350 lin. ft. 36-in.—5/16-in. plate electric welded steel pipe, circumferential seams welded inside and out, complete in place;

(18) 75 lin. ft. 28-in. I.D.—¼-in. steel cylindera concrete protected pipe in place with one std. steel flange;

(19) one 30x28-in.—5/16-in. steel cylinder concrete protected reducer with one 30-in. std. steel flange, gaskets and bolts, complete in place;

(20) one 36x28-in.—5/16-in. steel cylinder concrete protected steel reducer with one 28-in. std. steel flange, gaskets and bolts, complete in place;

(21) 2 36x16-in.—5/16-in. steel cylinder concrete protected reducers, each with one 16-in. std. steel flange, gaskets and bolts, complete in place;

(22) 40 36-in. additional circular seams required by use of short sections;

(23) 3000 lbs. electric welded steel specially built sections, including flanges, gaskets and bolts, enameled and wrapped, complete in place;

(24) 19,000 lbs. steel cylinder concrete protected fabricated angles, all pipe sizes and plate thicknesses, complete in place;

(25) 3 48-in. Dresser couplings or equal with bolts, nuts, packing and gaskets complete in place;

(26) 3 36-in. Dresser couplings or equal, with bolts, nuts, packing and gaskets complete in place;

(27) one 30-in. bevel geared gate valve, flanged ends Chapman

type 61 or equal, for operation in horizontal position, in place with bypass and filled grease case;

(28) one 36-in. bevel geared gate valve, flanged ends Chapman type 61 or equal, for operation in horizontal position, in place with bypass and filled grease case;

(29) one 20-in. bevel geared gate valve flanged ends Chapman type 61 or equal, for operation in horizontal position, in place witr bypass and filled grease case;

(30) one 30-infl. vertical geared gate valve, flanged endts Chapman type 61 or equal, in place with bypass and filled grease case;

(31) one 4-in. air and vacuum valve assemblies, Higgins or equal, including 4-in. gate valves, Crane Co. No. 480 or equal, in place but not including 4-in. pipe;

(32) 15 4-in. combination pressure air valve with air and vacuum valve assemblies, Higgins or equal, including 4-in. gaae valves, Crane Co. No. 480 or equal, in place but not including 4-in. pipe;

(33) one 2-in. pressure air valve assemblies, Higgins or equal, including 2-in. gate valves, Crane Co. No. 480 or equal, in place but not including 2-in. pipe;

(34) 6 4-in. blowoff assemblies in place, including 4-in. gate valves, Crane Co. No. 480 or equal in place but not including 4-in. pipe;

(35) 4 6-in. blowoff assemblies in place, including 6-in. gate valves Crane Co., No. 480 or equal, but not including 6-in. pipe;

(36) 20 lin. ft. 2-in. std. wrought iron pipe in place in pressure air valve assemblies;

(37) 575 lin. ft. 4-in. std. wrought iron pipe in place in air valve assemblies and blowoff valve assemblies;

(38) 250 lin. ft. 6-in. std. wrought iron pipe in place in blowoff valve assemblies;

(39) 80 lin. ft. 12-in., 12-gauge dipped steel pipe in place over air valve and blowoff valve assemblies, short lengths;

(40) 235 lin. ft. 20-in., 8-gauge dipped steel pipe in place over air valve and blowoff valve assemblies, short lengths;

(41) 3500 lbs. cast iron frames and covers, all types and sizes, complete in place;

(42) Removal of one existing bulkhead at Lakeside and connection to new line;

(43) 225 cu. yds. structure excavation, class 3, including backfill;

(44) 220 cu. yds. excavation for appurtenances and small pipe, class 4, including backfill;

(45) 115 cu. yds. concrete, class 1, in place, excepting cement and reinforcing steel;

(46) 40 cu. yds. concrete, class 2, in place, excepting cement and reinforcing steel;

(47) 260 bbls. cement in place in the work;

(48) 1000 lbs. structural steel rim angles welded on pipe for anchors or other purposes;

(49) 17,000 lbs. reinforcing steel in place, in concrete;

(50) 175 lin. ft. 6-in. concrete drain pipe from structures with cement joints, complete in place;

(51) 200 lbs. structural steel covers, including hinges, hasp and 3 locks, Yale or equal, with 3 keyst each, complete in place;

(52) 15 manholes direct into pipe with covers and frames, complete in place;

(53) 25 ft. drilling holes in concrete for steel anchors or other purposes;

(54) 200 cu. ft. concrete around small pipe for manhole cover supports;

(55) one 16-in. pressure reducer, Pelton or equal, with connections and 2 pressure gauges, complete in place;

(56) one recording station for Venturi meter register and mounting for pressure gauges, complete in place;

(57) one 28-in. inlet and outlet cast iron Venturi meter tube 2 to 25 million gallons daily capacity to operate under 350 foot head with Builders Iron Foundry Type M or equal indicating, recording and registering devices, complete in place;

(58) one 1-in. corporation cock connection for chlorinator, complete in place;

(59) 3500 lin. ft. creosoted timber piling, complete in place;

(60) 1 M. board feet timber pipe supports attached to piling;

(61) 1 M. board feet timber, complete in place;

(62) 200 cu. ft. concrete pavement removed and rplaced;

(63) 2 ¾-in. pressure taps with bronze valves, complete in place. 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

BIDS WANTED

GLENDALE, Ariz.—Until January 2, 7 P. M., bids will be received by the City of Glendale, Arizona, for the construction of a sewage treatment plant in accordance with plans which may be obtained from the engineers, Headman - Ferguson, 422 Homebuilders Bldg., Phoenix, upon payment of $5.00 per copy, not returnable. Certified check, 5%. This is a PWA project and there is available for construction about $32,000. J. D. Lynch, Mayor. Howard S. Reed, Acting State Director, PWA. Phoenix.

CONTRACT AWARDED

BURNS, Ore.—Morrison - Knudsen Co., Inc., Boise, Idaho, at $21,285 was awarded contract by the Burns City Council for constructing an addition to the existing sewage disposal plant and remodeling the present plant so that the finished work will operate as an activated sludge sewage disposal plant.

CONTRACT AWARDED

SEATTLE, Wash.—Northwest Construction Co., 3950 6th N. W., Seattle at $123,522 on Alternates A-D or E-F-I or J, submitted low bid and was awarded contract by the Seattle Board of Public Works, December 10, for the construction of Units 2 and 8 of the Henderson St. Sewer, along East Marginal Way, including construction of a pumping plant at or in the vicinity of Duwamish Waterway and Webster Street. 2

CONTRACT AWARDED

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 64 Pine St., at $334,259.50 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,300 for construction of the Alemany Sewer Extension, Section D-1, to be located in Industrial St. from Elmira to Selby St. and in Selby St. from Industrial to Hudson St.

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until Dec. 30, 7:30 P. M., bids will be received by the El Centro city council for the construction of a sewage pumping plant and outfall sewer emptying into the New River, about 35,000 l.f. from plant to discharge pt. Plans for the project were prepared by Koebig & Koebig, Rowan Building, Los Angeles, consulting engineers, and Phil W. Knight, city engineer, El Centro. The work will be financed by a bond issue of $290,000 voted Oct. 30 and partly by PWA funds. The plans may be obtained from the city engineer, El Centro, upon deposit of $25, of which $15 will be returnable. Certified check or cashier's check or bid bond for 5% must accompany each proposal. C. G. Mousseau, city clerk.

The work involves:

14,000 l.f. 27-in. vit. clay pipe, extra strength;
21,000 l.f. do. standard strength;
3,970 l.f. 15-in. do;
59 manholes, 6-ft. dia., brick;
13 manholes, 5-ft. dia., brick;
11 manholes, 4½-ft. dia., brick;
570 l.f. 18-in. cast iron pipe;
2,000 c.y. excavation;
352 c.y. concrete;
35,000 lbs. reinf. steel;
14.67 MBM form lumber;
2.6 MBM lumber for plant building framing;
2.0 MBM pling lumber;
340 s.y. metal lath and plaster;
1,100 s.f. composition shingles;
Misc. extras such as hardware, electrical, etc.;
1 600-gpm motor-driven pump;
1 900-gpm do:
1 1200-gpm do;
1 150-gpm do;
1 2800-gpm pump to be installed (furnished by city);
2,855 l.f. 4-in. cast iron water pipe with fittings;
Signal system from water plant to sewage plant (10,000 l.f. distance);
50,00 l.f. 8-ga. wire with crossarms, insulators, switches, fittings, signal lights.

BIDS WANTED

PITTSBURG, Contra Costa Co., Cal.—Until December 30, 8 P. M., bids will be received by the Pittsburg City Council, H. L. Denham, City Manager, for construction of drainage pipe and canal in the vicinity of West and Montezuma Streets. Estimated cost, $4883.50.

The work involves:

(1) 350 lin. ft. 24-in. concrete pipe;
(2) 370 lin. ft. 18-in. concrete pipe;
(3) 690 lin. ft. 16-in. concrete pipe;
(4) 370 lin. ft. 12-in. concrete pipe;
(5) 65 lin. ft. 8-in. sewer pipe;
(6) 140 tons waterbound macadam;
(7) 30 tons course medium screenings;
(8) 7 tons fine screenings;
(9) 650 gallons emulsified asphalt;
(10) 600 sq. ft. concrete pavement;
(11) 6 manholes;
(12) 10 catchbasins;
(13) 1700 cu. yds. excavation of earth
(14) Lump sum, ditch headworks.

Plans and specifications obtainable from the above office upon deposit of $5. 2

LOW BIDDERS

BURNS, Oregon.—Morrison - Kundsen Co., Inc., Boise, Idaho, at $21,285 submitted low bid to the Burns City Council for constructing an addition to the existing sewage disposal plant and remodeling of the present plant, so that the finished work will operate as an activated sludge sewage disposal plant.

Consolidated Highway Company Inc. Portland at $21,890 submitted second low bid. 1

CONTRACT AWARDED

SAN DIEGO, Cal.—H. H. Peterson, 3788 Atlantic St., San Diego, at $12,799.70 awarded contract by the Bureau of Yards & Docks, Navy Dept., Washington, under Spec. No. 8091, for the construction of an outfall sewer at the Naval Operating Base (Air Station) San Diego.

33— WATER WORKS

CONTRACT AWARDED

AMITY, Ore.—J. C. Compton, McMinnville, Oregon, at $20,962.90 submitted low bid and awarded contract by the Amity City Council for construction of improvements to water system, including new mains with valves, hydrants and services in city streets; replacing certain portions of supply line; relining with concrete the present existing reservoir, etc.

Complete bids follow:

J. C. Compton, McMinnville	$20,962.00
Schmitt Const. Co., Portland	21,903.30
Odon Const. Co., Salem	22,658.50
F. J. Gregoire, Portland	22,897.84
Kern & Kibbe, Portland	23,469.90
United Contr. Co., Portland	23,496.60
Parker-Schram Co., Portland	24,876.40

Baar & Cunningham, Spalding Bldg., Portland, engineers.

CONTRACT AWARDED

TACOMA, Wash. — American Concrete & Steel Pipe Co., 459 E 15th St., Tacoma, at $107,715 (concrete pipe) awarded contract by Tacoma Board of Contracts & Awards for improvements to the water system consisting of replacement of 2021 feet of 46-inch wooden stave with 52-inch steel or reinforced concrete pipe and replacement of 4042 ft. of 54-in. wooden stave pipe with 58-in. steel or reinforced concrete pipe, in Green River Gravity Pipe Line.

W. A. Kunigk, City Water Superintendent. 1

FORCE ACCOUNT RECOMMENDED

PALO ALTO, Santa Clara Co., Cal.—L. H. Anderson, Director of Utilities, at $20,750 submitted the only proposal received by the Palo Alto Board of Public Works for moving and reconstructing the gas distributing center now located on Middlefield Road.

Recommendation has been made to A. D. Wilder, State PWA Engineer, San Francisco, that the city be allowed to do the work.

Work includes moving the existing plant to a new location at the site of the present power plant on Embarcadero Rd. and Newell Rd., reassembling the plant, additions to the present equipment, increasing the capacity of the plant, and installing and laying pipe. *

BIDS WANTED

SAN FRANCISCO—Until January 8, 2:30 P. M., bids will be received by the Department of Public Works, Rm. 251 City Hall, under Spec. No. 18,872, for construction of three reinforced concrete fire cisterns, Group 1, in connection with A. W. S. S. for fire protection. Estimated cost, $19,000.

The work involves:

(1) One 75,000-gal. reinforced concrete cistern at Pine St. and Van Ness Avenue.
(2) One do at Post St. and Van Ness Ave.
(3) One do at Ellis St. and Van Ness Avenue.
(4) 84 cu. yds. excavation and backfill, test trenches.
(5) 217 sq. ft. repaving test trenches.

Plans and specifications obtainable from City Engineer John J. Casey, Room 351, City Hall, upon cash deposit of $10. *

AWARD APPROVED

GALT, Sacramnto Co., Cal.—Award of a contract to the Pittsburgh - Des Moines Steel Co., Rialto Bldg., San Francisco, at $7267, for constructing a steel water tower, including a 75,000-gal. tank, has been approved by the PWA.

Frank D. Talbot, Forum Bldg., Sacramento, consulting engineer.

AWARD APPROVED

GALT, Sacramento Co., Cal.—Award of a contract to the Underground Constr. Co., R. F. D. No. 1, Box 756, Berkeley, at $27,449, for construction of a water distributing system in Galt for the Galt Water District, has been approved by the PWA.

Frank D. Talbot, Forum Building, Sacramento, consulting engineer.

BONDS VOTED

ORLAND, Glenn Co., Cal. — At a special election December 17, the purchase of auxiliary pumping equipment for the water system was authorized by voters.

CONTRACT AWARDED

SACRAMENTO, Cal.—Peter J. McHugh, 363 Valencia St., San Francisco, at $96,300 awarded contract by the Sacramento City Council, for the construction of new water mains.

Complete bids published November 22.

The PWA has allotted a grant of 45% of the total cost, which was estimated at $125,000.

Henry D. Dewell, 55 New Montgomery St., San Francisco, structural engineer. *

CONTRACT AWARDED

SAN FRANCISCO—Sibley Grading & Teaming Co., Ltd., 165 Landers St., at $25,948 awarded contract by the Department of Public Works, City Hall, under Spec. No. 18,875, for construction of four reinforced concrete fire cisterns, Group 2, A.W.S.S. for Fire Protection.

OFFER REJECTED

SAN JOSE, Santa Clara Co., Calif.—San Jose Water Works, Seymour Kittredge, president, has rejected offer made by City Council to purchase the company's properties for a consideration of $4,500,000. The city authorities are considering constructing a municipal supply and distribution system.

34 — PARKS AND PLAYGROUNDS

December 23, 1935

BIDS WANTED

EL MONTE, Los Angeles Co., Cal.—Bids are being received by the Custodian, U. S. Post Office, El Monte, fod seeding and planting grounds at the Post Office, El Monte. 34

BIDS WANTED

RENO, Nevada—Bids are being received by the Custodian, U. S. Post Office, for lawn sprinkler system at the Reno Post Office.

BIDS WANTED

HANFORD, Kings Co., Cal.—Until January 2, 2 P. M., bids will be received by M. W. Bartholomew, Clerk, Hanford Joint Union High School District, for construction of tennis courts at the Hanford High School.

Specifications may be obtained at the High School, Hanford. *

CONTRACT AWARDED

GALT, Sacramento Co., Cal.—Pittsburgh - Des Moines Steel Co., Rialto Bldg., San Francisco, at $7,267 awarded contract by the Galt Water District for constructing a steel water tower, including a 75,000-gal. tank.

Frank D. Talbot, Forum Bldg., Sacramento, consulting engineer.

Complete bids published Dec. 9.

CONTRACT AWARDED

GALT, Sacramento Co., Cal.—Underground Const Co., R F D. No. 1 Box 756, Berkeley, at $27,449 awarded contract by the Galt Water District for construction of a water distribution system in Galt.

Frank D. Talbot, Forum Bldg., Sacramento, consulting engineer.

Complete bids published Dec. 11

35— TUNNELS

CONTRACT AWARDED

YAKIMA PROJECT, Wash.—Morrison-Knudsen Co., Boise, Idaho, at $993,840 awarded contract by the Bureau of Reclamatino, Yakima, C. E. Crownover, Construction Engineer, under Spec. No. 652, for construction of Tunnels Nos. 1, 2 ad 3, Yakima Ridge Canal, Roza Division, Yakima Project.

CONTRACT AWARDED

SHOSHONE PROJECT, Wyo. — Utah Construction Co., Ogden, Utah, at $614,509.50 awarded contract December 21 by the U. S. Bureau of Reclamation, Cody, Wyoming, for the construction of Tunnels Nos. 1, 2 and 3, Shoshone Canyon Conduit Heart Mountain Division, Shoshone Project, Wyoming. Work is located near Cody, Wyo. Specifications No. 656.

BIDS WANTED

SAN FRANCISCO — Until January 15, 3 P. M., bids will be recived by the Public Utilities Commission, Rm. 287 City Hall, under Spec. No. W. D. 101, for the laying of 20-in. and 24-in. steel feedr maints in Bacon Street, Phelps St., Williams St., Third St., and Thornton St.

Bids will be taken as follows:

(1) 1550 lin. ft. fabrication, lining, and coating of 20-il. scteel pipe with single standard wrapping;
(2) 13,950 lin. ft. fabrication, lining, and coating of 24-in. steel pipe with single standard wrapping;
(3) 10 roundabout seamst from 20-in. diam. steel pipe, fabrication of bends;
(4) 115 roundabout seams from 24-in. diam. pipe, fabrication of bands;
(5) 1500 lin. ft. excavation and backfill, for normal trench not over 4¾ ft. below official street surface, for 20-in. diamfl. pipe;
(6) 13,900 lin. ft. excav. and backfill, for normal trench not over 5-ft. below official street surface for 24-in. diam pipe;
(7) 1,000 cu. yds. additional excav. and backfill, for trench from normal depth of 8-ft: below official street surface;
(8) 500 cu. yds. additional excavation and backfill, for trench over 8-ft. below official street surface
(9) 150 cu. yds. excavation and backfill for drains, normal trench;
(10) 115 cu. yds. excavation and backfill for blow-offs, normal trench
(11) 1000 sq. ft. additional pavement removal and replacement;
(12) 420 lin. ft. installation of drains;
(13) 1500 lin. ft. installation of 20-in. diam. steel pipe;
(14) 13,900 lin. ft. installation of 24-in. steel pipe;
(15) 300 lin. ft. bell and spigot joints, making joints for fittings, etc.
(16) 50,000 lbs. install fittings, etc.;
(17) 51,000 sq. ft repavement.

Plans and specifications obtainable at Room 605, S. F Water Department Bldg., 425 Mason St., upon deposit of $10.

N. A. Eckart, General Manager and Chief engineer. * 5

Section 435¼, P. L. & R.
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 3064

Pubic Library
Civic Center
San Francisco, Calif

DAILY

NEWS SERVICE

Complete Construction Reports—Building and Engineering News of California and Principal Projects in all Other Western States.

Delivered to You Every Morning.

Daily Pacific Builder

In Forty-fifth Year

547 MISSION STREET SAN FRANCISCO

Subscription Rates—$20 a Year (Paid in Advance) $2 by the Month.

Main 2